



# Daikin UK Residential Price Book

April 2022

Prices valid from  
1st April 2022



Including indoor air quality, residential air conditioning  
and our new range of R32 heat pumps.

## Daikin UK Price Book 2022

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# Welcome to Daikin

Welcome to Daikin UK. We hope you will find the following information useful to help you navigate your way to all the support and resources we can offer you, as you take the next steps in your heating journey.

## Your Daikin contacts

'It's not what you know, it's who you know', as the saying goes. And our teams are on standby to take your call and help you, every step of the way.

To help you find the right people to talk to, please see our separate contact sheet offering the names and contact details of the people in each department who can assist you.

As a general introduction, here are the most important departments that you might need to contact and what they can help you with:

Department	Responsibilities	Contact details
<b>Sales engineer</b>	<ul style="list-style-type: none"> <li>› Advice on all business aspects</li> </ul>	See your Heating Team contact details sheet
<b>Training</b>	<ul style="list-style-type: none"> <li>› Book training courses</li> </ul>	Tel: 01932 879260 / Email: training@daikin.co.uk
<b>Finance</b>	<ul style="list-style-type: none"> <li>› Account opening and queries</li> <li>› Credit terms</li> <li>› Invoice payments</li> </ul>	Tel: 01932 879000 Email: ukcreditcontrol@daikin.co.uk
<b>Marketing</b>	<ul style="list-style-type: none"> <li>› Support with access to Daikin digital platforms:                             <ul style="list-style-type: none"> <li>› sustainablehomenetwork.daikin.co.uk</li> <li>› standbyme.daikin.co.uk</li> <li>› my.daikin.co.uk</li> <li>› Lead Management Tool</li> </ul> </li> <li>› Support for Sustainable Home Network partners</li> <li>› Set up and support for Sustainable Home Centres</li> </ul>	marketing@daikin.co.uk
<b>Order processing</b>	<ul style="list-style-type: none"> <li>› Order processing</li> </ul>	<b>Northern region</b> Tel: 01932 879070 / Email: heatingnorth.orders@daikin.co.uk <b>Southern Region</b> Tel: 01932 879070 / Email: heatingsouth.orders@daikin.co.uk
<b>National heating installer hub</b>	<ul style="list-style-type: none"> <li>› Selection and application advice</li> <li>› Assist with system design</li> <li>› Prepare quotations</li> <li>› Customer service</li> </ul>	Tel: 01932 879070 Email: heating@daikin.co.uk
<b>Service technical helpdesk</b>	<ul style="list-style-type: none"> <li>› Advice in case of installation errors and faults</li> </ul>	Tel: 01932 879277
<b>Regional after sales service</b>	<ul style="list-style-type: none"> <li>› Arrange installation and commissioning visits</li> <li>› Arrange in-warranty call outs</li> </ul>	<b>London and Eastern Region Service Centre</b> Tel: 01932 879274 / Email: weybridgeservice@daikin.co.uk <b>Western and Midlands Region Service Centre</b> Tel: 01932 879278 / Email: bristol@daikin.co.uk <b>Northern England and North Wales Region Service Centre</b> Tel: 01932 879284 / Email: manchesterservice@daikin.co.uk <b>Scotland and Northern Ireland Region Service Centre</b> Tel: 01932 879279 / Email: glasgow@daikin.co.uk
<b>Heating service contact centre</b>	<ul style="list-style-type: none"> <li>› After sales support for end users</li> <li>› Help with maintenance contracts</li> <li>› Book service engineer visits</li> </ul>	Tel: 01932 879271

# The National Heating Installer Hub

Helping you be the change Britain needs

As a member of the Sustainable Home Network, your skills and knowledge are a vital part of powering the UK's transition to low carbon heating. So the National Heating Installer Hub is available to ensure you have the first-rate support and service you need from the moment you join us.

The National Heating Installer Hub provides our installer network with a 'one-stop shop' for all sales and pre-sales enquiries and questions.

With a dedicated team to provide you with advice, assistance and excellent levels of customer service, you'll experience the very best of Daikin's support.

The National Heating Installer Hub means you have **just one point of contact for all sales and pre-sales enquiries**. Even if you're one of our many air-conditioning installers diversifying into the domestic heating market, the National Heating Installer Hub can assist you with any pre-sales technical requirements.

It means you won't need to rely on your local sales engineer being available to answer your queries between meetings or appointments. Instead, they can focus on what they do best: developing your business opportunities, working with you on sales lead generation and scoping potential projects.

## Contacting the team

As the sustainable heating market continues to grow, we're committed to investing in the quality support and excellent customer service that you – and your customers – need. Based in the Midlands, our team has **just one contact e-mail address and phone number** to make note of. Every request can be handled by the same team, whether your enquiry is sales, or pre-sales related.

**Email:** [heating@daikin.co.uk](mailto:heating@daikin.co.uk)

**Telephone:** 01932 879070



# Change is here

## And so is opportunity



**The heat pump market is booming.** With increasing concerns around climate change and positive attitudes towards sustainability all driving demand for a revolution in heating technology.

The UK is committed to reducing emissions to zero by 2050, so the government needs to take drastic action. It's looking ever more likely that a key part of their plans will be a ban on gas boilers, starting from as early as 2025.

**But heat pumps aren't the only trend being driven by a changing world.**

**Demand for residential air conditioning systems is growing too,** largely driven by increasing global temperatures and changing regional climates. And heating and cooling aren't the only concerns. The air purifier market is also expanding due to a rise in awareness of the health impacts of indoor air quality and pollution.

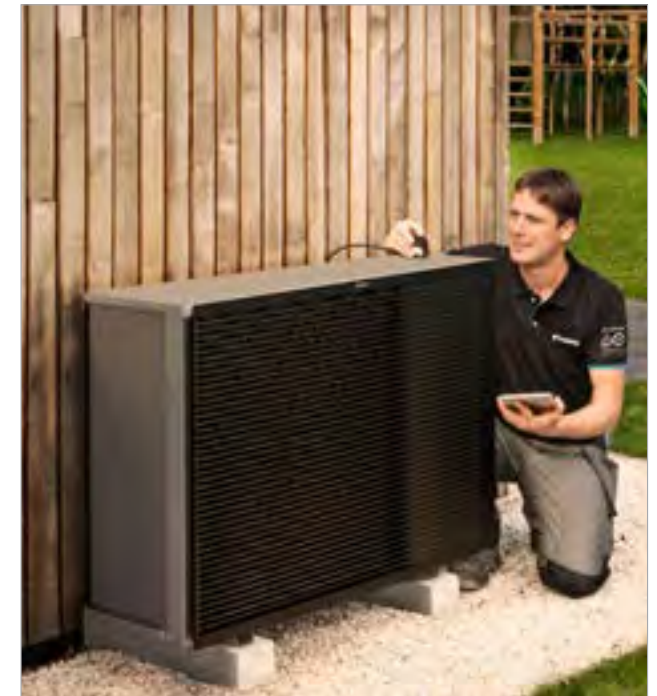
### For installers like you, change means opportunity

The opportunity to grow your skillset. Expand your business operations. Reach new customers. Broaden your horizons.

**With the right partner in quality technology by your side, you can take advantage of these developing technology markets and push the potential of your own business too.**

At Daikin, we're a trusted supplier of some of the world's most efficient, high-performance heating, cooling and ventilation solutions. And we're keeping pace with Britain's demand for healthier, more comfortable, more sustainable homes.

**Join us. And together, we can be part of the climate solution**





### Train with the market leaders

We've been leading the heat pump revolution for years, with more 900,000 Daikin Altherma heat pumps installed in homes across Europe to date. And now, we want even more skilled installers to join us.

We offer a wide range of online and in-person training to suit you. So whether you're an experienced plumbing and heating engineer looking to improve your skills and offer new products, or are thinking of applying for MCS registration, we can help you achieve your goals.

We can even bring our training to your teams onsite, with our fully equipped mobile training van.

**See page 104 for further details.**



### Grow your business with Daikin

Daikin is a name synonymous with quality, worldwide. From Japan to Belgium; from the United States to Sweden. Over the last few years, we've been strengthening our presence in the UK market, too, establishing ourselves as leaders in the domestic heat pump space.

In fact, our **won the National ACR & Heat Pump Award 2021 for Campaign of the Year** due to its nationwide success.



With a fleet of branded vehicles on the road, and our two mobile showrooms building the Daikin brand at events, plus media coverage of our Sustainable Home Centres and many projects around the UK, national awareness of the Daikin brand and of the merits of heat pumps continues to grow apace.

When you join our network of trusted installers, you're joining us on our journey to create comfortable, sustainable lives for people across the country.

**And every time your customers see our name, they'll think of yours too.**

See more about joining the **Sustainable Home Network**, overleaf.



### Join the UK's fast-growing network of skilled installers

Britain's homeowners are looking for more sustainable ways to heat their homes. The **Sustainable Home Network** is your opportunity to **be part of the renewable heat revolution.**

You'll have the opportunity to be part of a fast-growing network of skilled installers, with all the support of the global Daikin brand name.

And as part of our work to grow our brand in the UK, we're helping our affiliated installers to grow their own businesses too. Our marketing campaigns are already generating many warm leads for our residential installers.

Find out more about the **Sustainable Home Network**, overleaf.

# The Sustainable Home Network

Turning change to your advantage



Homeowners across the nation are looking for a more eco-friendly home heating solution. Now, you can be the change Britain needs by joining the Sustainable Home Network, with Daikin. The Sustainable Home Network programme offers a tailored solution for businesses of all sizes – no matter where you are on your renewable heating journey.

By joining us either as a **Sustainable Home Installer**, a **Sustainable Home Expert**, or by opening a **Sustainable Home Centre** in your region – you can power the UK's sustainable heating movement in a way that suits you best.

## Sustainable Home Installer

*Your first step towards a sustainable future*

You only need to complete one Daikin training course to become a registered **Daikin Sustainable Home Installer**.

You can complete your training online, or at one of our training centres, equipped with the latest Daikin technology.

As a Sustainable Home Installer, in addition to our standard customer benefits, you'll receive:

- › A **3-year end-user warranty** for your customers
- › A **free welcome pack worth £150** including **branded workwear and office supplies**
- › **Expert sales and accreditation support** from our network of Sustainable Home Centres
- › A full suite of **marketing materials and merchandise** to support your sales
- › **Live qualified sales leads** from homeowners in your area
- › Access to the **my.daikin.co.uk customer portal** where you can book online training, process orders, track deliveries and find your selection tools and rewards

## Sustainable Home Expert

*Leading the change in renewable heat*

Once you have gained experience in our full range of low temperature, high temperature and hybrid solutions, you can become a **Sustainable Home Expert**.

As a Sustainable Home Expert, you can work on larger specified projects as well as having access to our air-to-air range of heat pumps for residential cooling and heating. Not only can you buy products directly from Daikin, you could even open your own Daikin showroom, completely supported by us.

In addition to all the Sustainable Home Installer benefits, Sustainable Home Experts receive:

- › A **5-year end-user warranty** for your customers
- › **Co-branded merchandising and marketing materials** complete with your direct contact details
- › **Access to our exclusive mobile showrooms**
- › A **dedicated personal account contact** and additional system design support
- › A **business development fund** to spend on marketing, events and rewards, see page ix for details

## Sustainable Home Centre

*Be a pioneer of the sustainable heat revolution*

Our **Sustainable Home Centres** are a hub for people to visit and see our heat pump solutions in person. As a local showroom and stockist, a Sustainable Home Centre showcases a core range of renewable heating and hybrid solutions, and can even include residential AC and air purification solutions too.

By opening a Sustainable Home Centre, you'll be able to offer advice, support and training to local installers, acting as a local centre of excellence and reseller with your own network of installers, while ensuring the highest level of service to installers who are new to the renewables market. It's just one more way to establish your reputation in the heat pump market across your entire region.

In addition to all the Sustainable Home Expert benefits, Sustainable Home Centres receive:

- › **Free showroom display panels** with complete artwork
- › **£3000 towards branding, marketing materials and signage** for the initial set up of your Sustainable Home Centre in your first year
- › A **business development fund of 2% of your annual turnover** for you to spend on marketing, events and rewards, see page ix for details
- › **Active promotion of your Sustainable Home Centre** via Daikin's online channels and active campaigns
- › **Preferential pricing on our range of products**, meaning you can sell directly to Sustainable Home Installers

# Sustainable Home Network Portal



## Sustainable Home Network portal

As a member of the Sustainable Home Network, you can access [sustainablehomenetwork.daikin.co.uk](http://sustainablehomenetwork.daikin.co.uk) where you'll find an entire range of useful resources.

Here you will be able to:

### Access resources:

- › Download warranty pack, handover checklist, maintenance record and commissioning code stickers
- › Access Stand By Me to register warranties
- › Download your Sustainable Home Network certificate
- › Review your sales and training days for the year
- › Request additional users to access the portal
- › Access the My Daikin Library (data books, O&M manuals, image library etc)

### Help & Support

- › Register your engineers for the priority helpdesk
- › View video How To guides

### Business Development Fund (BDF)

- › Submit claims on your BDF
- › Review claims on your BDF
- › Order branded merchandise through our branding partners
- › Order R32 gauges

### Marketing

- › Download literature and create dual branded literature
- › Access case studies, videos and image library
- › Download the Sustainable Home Network logos
- › Request the Sustainable Home Network showmobile
- › Get artwork for van livery

### Managing your Sustainable Home Network account

There are two levels of access for the Sustainable Home Network portal, **Administrator** and **Standard** - and you can have any number of users at either level.

**Administrators** will be able to see the sales figures and see and redeem the Business Development Fund. They are also able to request additional users and register your company engineers for the priority help desk.

**Standard users** will not be able to see the sales figures, or see or redeem the Business Development Fund. They can however access the rest of the portal so they can use the marketing tools available.

## Stand By Me

Stand By Me provides an integrated environment on [standbyme.daikin.co.uk](http://standbyme.daikin.co.uk) for you to manage your residential installations - from the very first contact with your potential clients, to handing over the completed system.

Providing all the tools and information you need, Stand By Me offers a database of your installations and warranties, with easy online access to everything in one place including:

- › Heating Solutions Navigator selection tool to help you put together professional system designs and quotes
- › Online commissioning and handover
- › Database of project leads, commissioned installations and registered warranties
- › A live record of your Daikin installations and maintenance schedules
- › Easy administration of product warranties
- › Direct access for your customers to warranty extension and maintenance package options.

For every installation you register on Stand By Me, you'll gain additional contributions to your Business Development Fund (see page ix), which you can redeem on the Sustainable Home Network portal (see left).

As soon as you've commissioned the system, your customer will receive a code via email so they can register their warranty on Stand By Me. They can then activate their free warranty extension from 1 year to 3 years if you're a Sustainable Home Installer, or to 5 years if you're a Sustainable Home Expert.

Your project database will show you if the end-user has completed the warranty registration and the length of time remaining on their warranty.





# Daikin Community

## Lead Management Tool



### Lead Management from Daikin

At Daikin, we've been investing heavily in telling Britain's homeowners about our products, and helping even more customers to make the switch to renewable heat.

Using a mix of digital and press advertising, targeted mailouts, TV and radio commercials, we're attracting more new leads than ever before – and we want to **share those leads with experts like you in our Sustainable Home Network.**

When a prospective customer requests an installer, we'll send this lead straight to the most suitable engineer via the **Daikin Community Lead Management Tool.** It's just one more way you can start growing your business today with Daikin.

### Connecting you with new customers

Leads are automatically assigned to the most suitable installer depending on proximity and score. The lead assignment process is based on:

- > Your product know-how: your training on specific products
- > Driving time: your proximity to the customer
- > Your installer score

You can access the Tool via a **website and mobile app.** Whichever way you choose, you'll be able to manage and monitor all the leads you receive from Daikin

### Your installer score

Having a good installer score is crucial for becoming a priority provider when future leads are assigned. Your installer score is based on points you're awarded for how you respond to leads:

- > Accepting a new lead: **5 points**
- > Rejecting a new lead: **2 points**
- > No response to lead in 24 hours: **0 points**
- > Property update during follow-up of accepted lead: **1 point**
- > Closing a lead as won: **10 points**
- > Closing a lead as not won: **0 points**

Find out more about the Daikin Community Lead Management tool at [https://www.youtube.com/watch?v=PD2mJlcRe\\_I](https://www.youtube.com/watch?v=PD2mJlcRe_I)



# Your Business Development Fund

Adding the value you deserve



At Daikin, we understand how hard you work and how important your heating business is. That's why the Sustainable Home Network gives you access to the very best training, products, marketing materials and business support available – and that includes the extra value you receive from a Business Development Fund, which is tailored to your account status.

## Business Development Fund for Sustainable Home Experts

Once you become a **Sustainable Home Expert**, every time you register a Daikin heating system on Stand By Me and register the warranty, you'll earn a contribution to your Business Development Fund on the Sustainable Home Network website.

The contribution you receive depends on which products you've registered:

PRODUCT	CONTRIBUTION
Daikin Altherma Hybrid	£38
Daikin Altherma Low Temperature Split	£35
Daikin Altherma Monobloc	£24
Daikin Altherma High Temperature Split	£90
Thermal Store and Hot Water Cylinder	£8

Your Business Development Fund is **valid for up to two years** from the financial year in which it's earned.

## Business Development Fund for Sustainable Home Centres

As a **Sustainable Home Centre**, your Business Development Fund is calculated as 2% of your previous year's annual turnover. Therefore, unless you have a Business Development Fund already built up during your time as a Sustainable Home Expert, you will not automatically have a Business Development Fund when you open a Sustainable Home Centre. Instead Daikin provides a £3000 one-off contribution to your Business Development Fund to help with approved marketing materials and activities during the set up of your Sustainable Home Centre in your first year.

Your Business Development Fund is **for up to 12 months** until the end of the financial year in which it's earned.

## Redeeming your Business Development Fund

You can redeem your Business Development Fund on the Sustainable Home Network website for rewards such as:

- › Branded merchandise
- › Branded workwear
- › Display and event materials
- › Vehicle livery
- › Marketing materials
- › Retail vouchers

[For full terms and conditions please see our Sustainable Home Network Partner toolkit.](#)



# My Daikin

## Your central resource for managing your Daikin account

MyDaikin is your central entry point for live account information\* and useful web applications, so you can do business as quickly and conveniently as possible with Daikin UK

[my.daikin.co.uk](https://my.daikin.co.uk)

### MyDaikin live account information

If you're a direct buying customer, you can now see real-time information about your account, anytime, anywhere and on virtually any device. Depending on your agreed access level, you will be able to see your live:

- › Quotes
- › Orders\*
- › Delivery tracking\*\*
- › Invoices & account balances\*

Based on your access level, you can easily download your quotes and invoices, check on the status of your orders and deliveries, and see your live account balance with us.

### MyDaikin dashboard

The MyDaikin dashboard also has a set of tiles giving you quick links to our web applications, all from one central entry point. So no more trying to remember which weblink you need! The tiles you see are tailored to your account, so you can easily access all the resources you need, including:

- › Training
- › Sustainable Home Network platform
- › Daikin UK website
- › Document and image library
- › Stand By Me / Heating Solutions Navigator
- › Lead management system
- › Spare Parts Bank



### MyDaikin Library

The original version of the MyDaikin business portal is still available to both direct buying customers and customers buying via wholesalers and regional dealers, as well as consultants and specifiers. Simply go to the Library tile on your dashboard for access to a full library of manuals, documents, images and technical resources.

### Take a demo

For a tour of the MyDaikin customer portal features, please watch our five minute video <https://youtu.be/7BWvn80DMA4> or email [marketing@daikin.co.uk](mailto:marketing@daikin.co.uk) if you would like a 121 demo.

\* Depending on your access level

\*\* Where available from our logistics providers

### Getting access to MyDaikin

If you're a direct buying customer and don't yet have a login to MyDaikin, simply complete our online form to set up the access levels for you and your team:

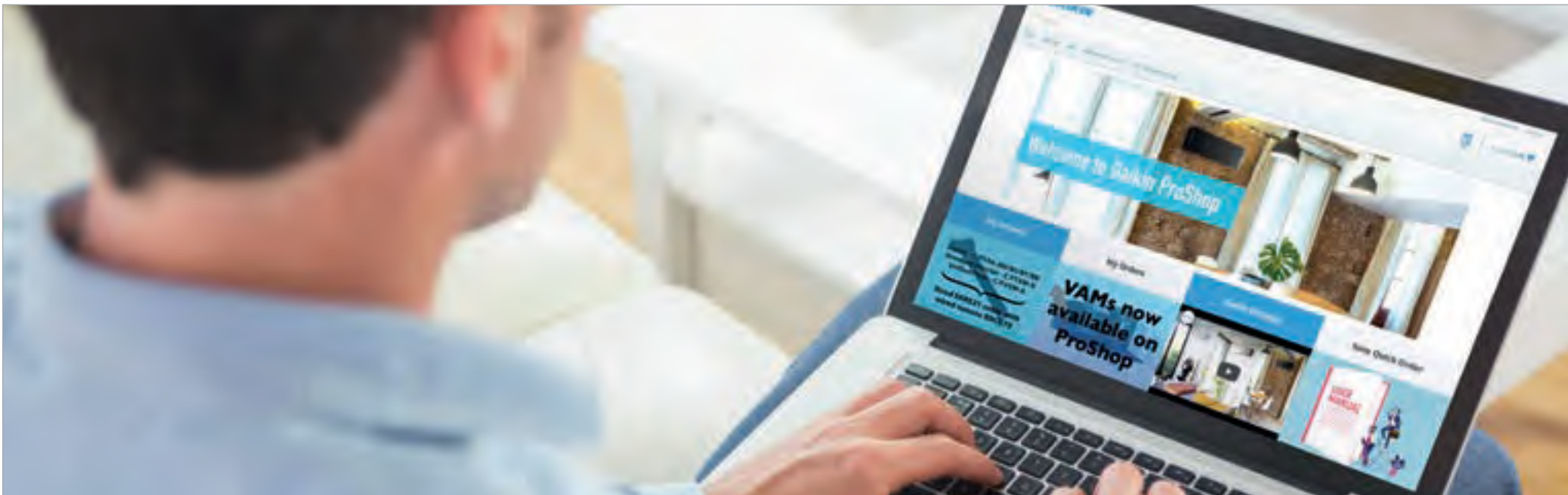
[https://daikin.formstack.com/forms/my\\_daikin\\_direct\\_customer\\_registration](https://daikin.formstack.com/forms/my_daikin_direct_customer_registration)

If you buy via a wholesalers or regional dealer, or you're a consultant / specifier, please self-register for the MyDaikin customer portal at <https://www.my.daikin.co.uk/>

### Setting up your access levels (for direct buying customers)

If you are set up with full access to the business portal, you can request any additional users for your company by clicking on your profile in the top right of the screen and selecting 'Request to create new user or change user'.

Register now or login at [my.daikin.co.uk](https://my.daikin.co.uk)



<https://myproshop.daikin.co.uk>

### Daikin ProShop for quick and easy Split, Sky Air, VAM, IAQ and Heating quotes and orders

The new ProShop platform enables you to generate quotes and place orders for Split, Sky Air, VAM and Air Purifier products online, at any time of day or night – and on any device.

What's more, ProShop is so easy to use that you can generate a full quote in as little as three minutes! If you have any questions, you can always request a call-back from a sales engineer.

ProShop provides wide-ranging additional support so that you can deliver an enhanced professional service to your customers and manage all your projects with renewed efficiency.

You will need to register for ProShop. To qualify, you must have an account with Daikin Airconditioning UK.

- › See all your important quote and order information
- › Create new projects and browse existing projects easily on your dashboard
- › Create estimated cost projections for standard and energy saving accessories\*
- › Calculate the annual energy consumption, CO<sub>2</sub> emissions and running costs\*
- › Assess ROI system by system - using the running costs simulation page\*
- › View all available accessories, data sheets and additional energy-saving options
- › Perform simple refrigerant calculations for your selected systems\*
- › Export and print your quotation, ECA eligibility statement and ROI evaluation\*
- › Review your quote with a net price that reflects your preferential trade discount
- › Place orders rapidly with one-page order process
- › View real time stock availability for all products sold online

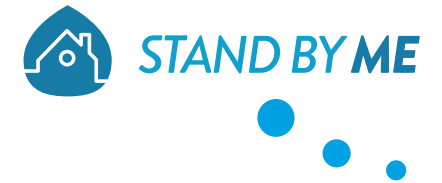
Visit  
ProShop  
here:



\* Excluding heating products

To request a new account, please go to [www.daikin.co.uk/proshop](http://www.daikin.co.uk/proshop)

# Supporting Tools



## Stand By Me

Stand By Me provides an integrated environment for you to manage your installations - from the very first contact with your potential clients, to handing over the completed system. Providing all the tools and information you need, this all-in-one platform offers a database of your installations and warranties and lets you enjoy the benefits of internet connected services such as remote metering.

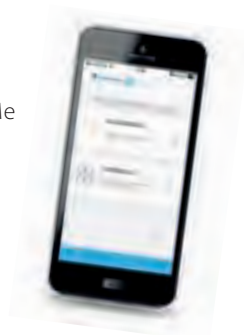
**It provides easy online access to everything in one place including:**

- › Heating Solutions Navigator selection tools and reports
- › Remote metering tools required for MCS and RHI
- › Online commissioning and handover
- › Database of project leads, commissioned installations and registered warranties
- › End-user warranty registration and extension offers
- › End user service and maintenance package options
- › A living record of your Daikin Installations
- › Easy administration of product warranties
- › Easy contact with your customers

## E-care app

### All-in-one app

- › Register your installation on Stand By Me via simple **QR code** scanning
- › Quick configuration of your heat pump in **only 7 steps**
- › Diagnosis of malfunction by QR code scanning and error code input



### ✓ Installation database

**Stand By Me** provides a live dashboard of your project leads and, once the system is commissioned, your existing installations. So you can review and manage which products were installed, where and when.

### ✓ Easy commissioning

Hand over couldn't be simpler either. Simply complete the commissioning details, add your customer's email address and they will receive a code so they can create an account on **Stand By Me** and select their warranty and maintenance options.

### ✓ Annual maintenance records

**Stand By Me** provides an easy way to review the annual maintenance schedules for each site and track any repairs carried out.

### ✓ RHI remote monitoring

**Stand By Me** means that social housing providers no longer need physical access to properties in order to read meters for RHI reports. Remote monitoring of meters on **Stand By Me** provides a daily summary of the energy produced and consumed and the system efficiency, which can be submitted to Ofgem for RHI reporting. The Daikin remote metering cloud has been designed specifically for Daikin Altherma Hybrid systems and connects with your installed meters to provide all the information needed for quarterly RHI reporting.

### ✓ End user warranty registration

For every installation you register on **Stand By Me**, you'll gain additional contributions to your Business Development fund, which you can redeem on the Sustainable Home Network portal at [sustainablehomenetwork.daikin.co.uk](http://sustainablehomenetwork.daikin.co.uk). Or your customer can register their warranty directly (although you won't gain a contribution to your business development fund). As soon as you've commissioned the system, they will receive a code via email so they can register the warranty themselves. Your project database will show you if the end-user has completed the warranty registration and the length of time remaining on their warranty.

It couldn't be easier.  
So get connected to Stand By Me today  
on [standbyme.daikin.co.uk](http://standbyme.daikin.co.uk)

# Heating Solutions Navigator toolkit selection

Daikin's Heating Solutions Navigator is designed to help you select the best solution for your customer's home.

The Heating Solutions Navigator is a versatile toolkit on Stand By Me, which brings together all the tools required to complete the design and selection of a system. It's so simple to use, you can create a solution for your customer in just five minutes – on your computer or mobile device.

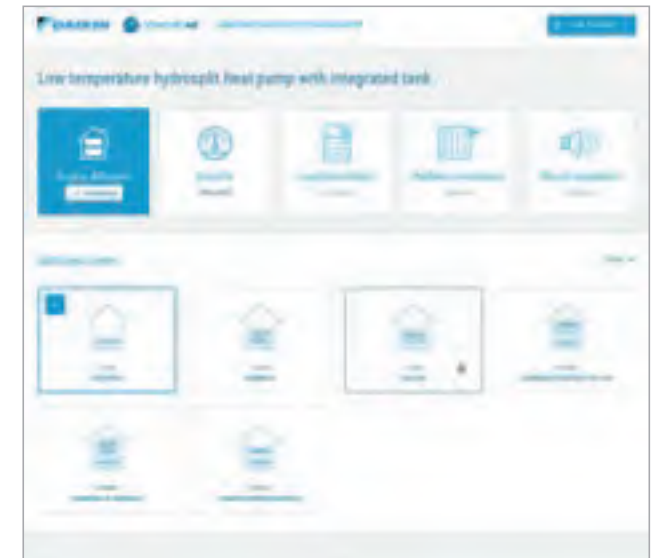
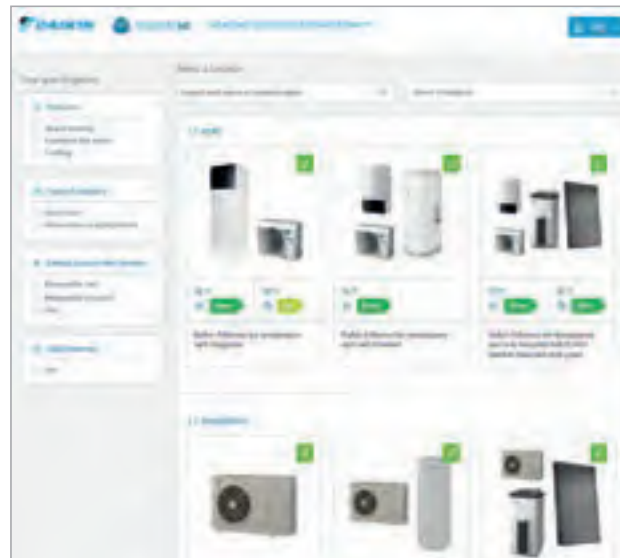
The Heating Solutions Navigator allows you to create quick estimates for initial enquiries or more detailed reports for hot prospects.

The reports offer a highly professional way to showcase Daikin heating solutions to your customers. All product and performance related information is in one place including the solution overview, product descriptions, specifications and schematics, images and literature, equipment list, energy labels, sound pressure information.

All this can be shared with your customer at the click of a button. So you can follow up leads quickly, your customers can make informed decisions and you can maximise your project opportunities.

## The Heating Solutions Navigator helps you to:

- › Quickly see the wide array of Daikin Heating Solutions available
- › Check all the options specifically for your installation
- › Link easily to the installation specific literature
- › Estimate the required heat load – from a simple snapshot to a detailed room-by-room calculation
- › Create custom made piping & wiring diagrams
- › Use the flue gas selection tool for gas based solutions
- › Set the configuration of your installation
- › Compare economic and environmental benefits of the Daikin system versus a conventional heating installation
- › Store all your leads on you Stand By Me account
- › Track projects from lead, installation and commissioning to inviting your customers to select after-sales services
- › To request a quotation for DUCO Residential Ventilation System





# Product Highlights

## R-32 BLUEEVOLUTION

### Daikin Altherma 3 Monobloc

This new addition to the Daikin Altherma 3 range offers higher capacity monobloc units, in 9, 11, 14 and 16 class, all delivered in a market-leading compact single fan casing, making it ideal for new buildings and large renovations.

The unit offers:

- › High performance in low ambient conditions
- › Redesigned outdoor unit
- › High performance single fan
- › All-in-one Monobloc unit
- › Reduced environmental impact
- › Ideal where space is a premium
- › Available in heating only, reversible heating and cooling, 1-phase and 3-phase models
- › Integrated electric back-up heater for total confidence under all operating conditions



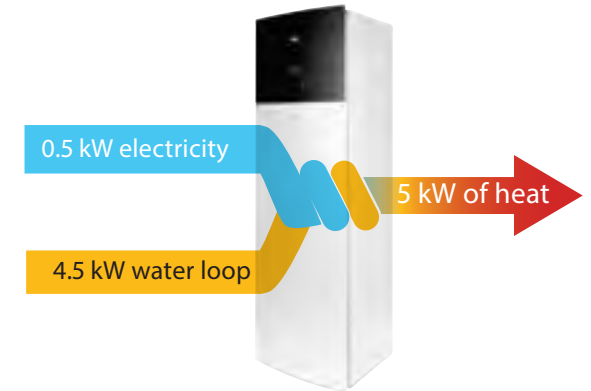
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## NEW

### Daikin Altherma 3 WS - Watsource for collective applications

Altherma 3 WS provides an innovative approach to reducing the carbon footprint of apartment buildings. Individual heat pumps deliver economical heating, hot water and optional cooling for each apartment connected via a central low temperature water loop. As a result, use of renewable energy is optimised and heat losses in distribution are minimised, improving the environmental performance of the apartment building.

- › Unit pressure rated to 16 bar
- › Leaving water temperature up to 60°C
- › All-in-one integrated model
- › Highly versatile and works with various heat emitters
- › Reduction in capital costs
- › Delivers low carbon heating and cooling, making both environmental and economic sense



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## NEW

## R-32 BLUEEVOLUTION

### Altherma 3 R32 Refrigerant Split

Our new range of compact design R32 refrigerant split units is now available. The Daikin Altherma 3 R32 Refrigerant Split is the real all round series and is now available in larger sizes i.e. 11, 14 and 16 class.

- › Compact stylish outdoor with a single fan
- › Operation range down to -25°C
- › 60°C leaving water temperature at -7°C
- › Patented plate heat exchanger
- › Improved energy performance A+++
- › Easy installation and maintenance
- › Available in two indoor variants i.e. wall mounted and floor standing integrated
- › Cloud-ready (by option) with the built-in smart grid connections on the indoor PCB



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## NEW

## R-32 BLUEEVOLUTION

### Daikin Altherma 3 H HT Small

Our new range of Daikin Altherma H HT small is now available. The Daikin Altherma H HT Small has the same features as the larger capacity H HT version; however, it covers the lower capacity classes 8, 10 and 12.

- › Leaving water temperature 65°C
- › Low sound levels
- › Single fan, reduced height and stylish design
- › High heating capacity at low ambient
- › Environmentally friendly R32 refrigerant
- › Available with wall mounted or floor-standing integrated indoor units
- › Cloud-ready with the built-in smart grid connections on the indoor PCB



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NEW

## Daikin Onecta App



The Daikin residential controller app can control and monitor the status of your air conditioning and heating system.



- › Control from anywhere as the App is always connected to the cloud
- › Support for multiple units and sites
- › Simplified Cloud API to support 3rd parties
- › Control of AC units using 2nd, 3rd and 4th Gen. WLAN technology
- › Single Sign On feature equals one account and password for all Daikin applications including SBM
- › Voice control through Amazon Alexa and Google Assistant

Page 65

NEW

## Heat pump convectors - extended range

Heat pump convectors (HPC) provide both heating and cooling. When used with the Daikin Altherma heat pump, they offer a highly efficient solution.

They can be combined with underfloor piping and can replace outdated radiators. The unit is available in three models; floor standing, wall mounted and concealed. Thanks to the silent operation, they fit perfectly in any bedroom or living room.

- › Optimised for new build houses
- › Can be selected at low water temperature (35°C) which makes them ideal for heat pump applications
- › Daikin Altherma HPC uses the latest technologies to consume less electricity down to 3W of standby power input
- › Fresh air connection through damper kit
- › Wall mounted control with IAQ sensor has the same outlook as the wall mounted controller without IAQ

Page 68 - 71



reddot winner 2020



NEW

## Daikin 3D App



Using augmented reality, this ultimate application is able to place every air conditioning or heating device anywhere in the room. It will help you to select the right device for any home. Not only are you able to see the indoor device, this app also allows you to go outside and see where the best location for the outdoor unit might be.

- Customise the size, colour, rotate and move the air conditioning or heating unit
- View the exact dimensions of each device and its position from the floor/ceiling
- Take a picture of the 3D unit and save it to the phone gallery
- Consult the technical data sheets and find additional information about the different devices.

Watch how it works and download the 3D app: <https://youtu.be/Acbz9EGlbNA>



NEW

## DUCO Energy Comfort and Energy Premium

As a specialist in managing the air people live in, Daikin offers a one-stop-shop with DUCO's Centralised Ventilation Heat Recovery systems DucoBox Energy Comfort and Energy Premium.

Available in either 325m<sup>3</sup>/hr or 400m<sup>3</sup>/hr, the CHRV system is provided with a complete range of accessories for ducting.

- › Left/Right switch due to principle of double-by-pass (Comfort)
- › Left and Right options (Premium)
- › Smart copy function of settings (Comfort)
- › Automatic calibration (Comfort / Premium)
- › 100% Summer By-pass (Comfort / Premium)
- › Demand controlled due to RH, CO2 sensors (Comfort / Premium)
- › Optional 2 zone control (Premium)
- › BMS connectivity (Comfort / Premium)



DucoBox Energy Comfort



DucoBox Energy Premium

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NEW

emura

**Emura – Design that speaks for itself**



The third generation of the Daikin Emura combines modern design, smart features and an improved user experience to create the ideal indoor air climate. The air conditioning unit is available in matt white, matt silver and matt black from class 20-50 (5 models), has a new stylish remote controller and a redesigned outdoor unit with a grille in ivory white.

- › New class 42
- › FlashStreamer Technology
- › Silver allergen removal and titanium apatite filter
- › Heat Boost mode
- › 7 day timer
- › Simplified remote controller with LED screen
- › Extended functionality on the ONECTA App
- › Extended operating range in heating (-20°C) and cooling (50°C)



HI, I'M DAIKIN EMURA



NEW

**Sky Air Wall Mounted Units - FAA-B**

The new Sky Air Wall mounted unit arrives in a new outlook to blend seamlessly into any interior. The Sky Air indoor unit comes in class 71 and 100, offers optional wireless remote control and a set of new internal parts to ensure optimum performance.



- › Combinable with Sky Air Active, Advance and Alpha series
- › Can easily be installed in both new and refurbishment projects
- › The air is comfortably directed up and down to suit your needs, thanks to 5 different discharge angles that can be programmed via the remote control
- › Maintenance operations can be performed easily from the front of the unit

NEW

**Daikin Air Purifiers – Compact, powerful air purification and humidification**

According to Allergy UK, people today spend on average 90% of their time indoors. So good indoor air quality is crucial for our health



The Allergy UK Seal of Approval reassures that the product is efficient at reducing small particulates which may include allergens, bacteria and viruses.

Daikin's Air Purifiers deal with harmful particles, as well as dust, odours, bacteria, pet hairs, moulds, pollen and mites and other allergens, leaving the indoor air clean and healthy.

According to tests performed in the laboratories of the Institut Pasteur de Lille, Daikin's air purifiers eliminate more than 99.98% of the human coronavirus HCoV-229E in 2.5 minutes. This virus is of the same family as SARS-CoV-2, the coronavirus causing the COVID-19 pandemic.

In addition to the current air purifiers (MC55VB / MCK55W), the range is now extended.

**MCK30YB – Air Purifier with Streamer Technology**

A powerful air purifier that takes in air from the front and side of the unit. The ambient air is then cleaned inside the air purifier (Flash Streamer Technology, HEPA and deodorising filter) and discharged at the top.

- › Clean Air Delivery Rate (CADR) 180m<sup>3</sup>/hr
- › Applicable room area up to 46m<sup>2</sup> (NRCC-54013)
- › Catch and Clean
- › HEPA
- › Deodorising Filter
- › Whisper-quiet operation
- › Streamer Technology



**MCK70YVB – Air Purifier with Twin Streamer and Humidification**



Maintaining adequate relative humidity helps avoid dryness and protects against the growth of viruses and bacteria. With the MCK70YVB, Daikin is now offering a powerful air purifier with humidification for larger areas like offices, hotels, restaurants, coffee shops and banks.




- › Clean Air Delivery Rate (CADR) 370m<sup>3</sup>/hr
- › Applicable room area up to 96m<sup>2</sup> (NRCC-54013)
- › Catch and Clean
- › HEPA filter
- › Deodorising Filter
- › Triple detection sensor: Dust, PM2.5, odour
- › Whisper-quiet operation (18 dB(A))
- › Twin Streamer Technology



# Split Range for 2022

For 2022, Daikin is proud to offer the most complete line-up of R32 split systems. With this rich portfolio, no matter the application, we will have a model to suit your needs.

Segment		Model		Online Controller	Energy Label	Page
Technology	Ururu Sarara	 <p>FTXZ-N</p>	Complete climate control with (de)humidification, air purification and ventilation with top efficiencies in heating and cooling	Optional	A+++	<b>Page 98</b>
Design	Stylish	 <p>FTXA-A/B(W/B/S/T)</p>	The most compact and efficient wall-mounted unit on the market, coupled with a modern and striking design	Standard	A+++	<b>Page 99</b>

Segment		Model		Online Controller	Energy Label	Page
Design	Emura	 <p>FTXJ-AW/B/S</p>	Design at its best, delivering superior efficiency and comfort	Standard	A+++	<b>Page 100</b>
Standard	Perfera	 <p>FTXM-R</p>	Attractive, wall-mounted design with perfect indoor air quality	Standard	A+++	<b>Page 101 - 102</b>
Low inverter	Comfora	 <p>FTXP-M</p>	Discreet, wall-mounted unit providing high efficiency and comfort	Optional	A++	<b>Page 103</b>









## Daikin UK Price Book 2022

# Air-to-Water Heat Pump

<a href="#">Air-to-Water Heat Pump</a>	3
Low Temperature Monobloc Heat Pump	7
Low Temperature R-Split (R32) Heat Pump	11
Low Temperature H-Split (R32) Heat Pump	19
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Daikin Altherma Flex Heat Pump	47

**Since 26th September 2017**, the Energy Related Product Directive (Lot 1 Tier 2) limits the scope of the Daikin Altherma Flex range produced after this date to hot water production only.

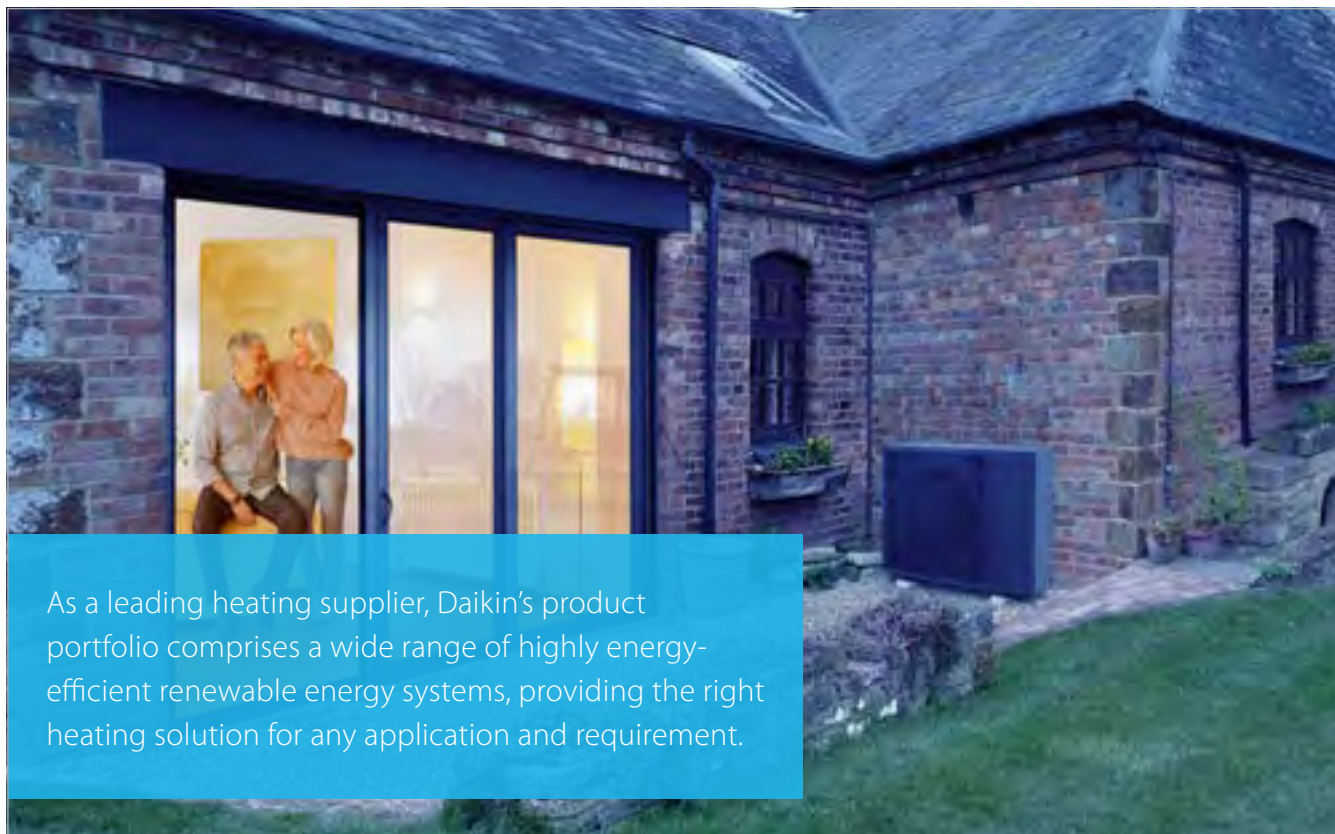
# Daikin Heating Systems



Daikin Altherma air-to-water heat pump offers a renewable energy heating and hot water solution, ideally suited for the UK housing market. The system uses heat pump technology with Daikin's advanced inverter compressor and utilises air as a renewable heat source. As a result, Daikin Altherma delivers high seasonal efficiencies, low running costs and reduced carbon emissions compared with traditional systems. Launched in 2006, with more than 900,000 Daikin Altherma renewable heating systems already sold across Europe, Daikin Altherma is a leading name in air-to-water heat pumps.

Daikin Altherma offers the most comprehensive and flexible range of air-to-water heat pumps in the market today, suitable for houses, flats and both new build and refurbishment projects. The range is available in Low Temperature (Split, H-Split and Monobloc models) as well as High Temperature and Hybrid models. Daikin Altherma High Temperature can deliver water temperatures of up to 70°C, providing an ideal solution for boiler replacement in harder to treat properties.

Solar thermal systems can be combined with Daikin Altherma to provide a fully integrated renewable energy solution. Daikin Altherma systems are recognised renewable energy solutions that can reduce hot water energy costs by up to 60% compared with traditional fossil fuel systems.



As a leading heating supplier, Daikin's product portfolio comprises a wide range of highly energy-efficient renewable energy systems, providing the right heating solution for any application and requirement.

Daikin is at the forefront of the drive for energy-efficient heat pump technology. We recognise that heat pumps and the use of renewable energy from the surrounding air are the answer to meet the future challenges of energy efficiency and carbon reduction targets.

Daikin's renewable energy solutions provide a real alternative to current and future problems associated with conventional heating systems such as increasing primary energy costs and unacceptably high environmental impact.

All Daikin Altherma air-to-water heat pumps\* are certified by the Microgeneration Certification Scheme (MCS). Please check the MCS website for the latest list of accredited Daikin Altherma air-to-water heat pumps.



MCS HP006



011-751016F

\* Excluding Daikin Altherma Flex Type and Daikin Altherma Hybrid II when used with the 3rd party gas boiler

# Air-to-Water Heat Pump

Daikin Altherma air-to-water heat pump is available in the following models:

## Low Temperature Monobloc Heat Pump 5-16 class

- › All key hydraulics built-in, e.g. expansion vessel and circulation pump
- › Sealed refrigerant circuit with no F-gas needed for installation
- › A redesigned compact outdoor unit for high capacities

## Low Temperature R-Split (R32) Heat Pump 4-8 class

- › Available as a floor standing unit with an integrated domestic hot water tank
- › Latest inverter technology providing high efficiencies and low running costs
- › Unique Daikin 'Bluevolution' technology
- › Advanced controls incorporating the 'Daikin Eye'
- › Leaving water temperature up to 65°C
- › Easy to install, commission and control
- › Stylish modern design

## Low Temperature R-Split (R32) Heat Pump 11-16 class

- › Wall hung or floor standing integrated indoor units
- › Flexible indoor and outdoor unit siting up to 50m apart



## Low Temperature H-Split (R32) Heat Pump 11-16 class

- › Available as a floor standing unit with an integrated domestic hot water tank
- › Reduced environmental impact thanks to the usage of R32 refrigerant
- › Outdoor unit with sealed refrigerant circuit, reducing risk of refrigerant leakage

## High Temperature Split (R32) Heat Pump 8-18 class

- › Leaving water temperature up to 70°C (65°C for class 8, 10 & 12)
- › Distinctive new design single fan casing
- › Compact dimensions allow for small installation space
- › Sleek design that blends in with other household appliances

## High Temperature Split (R410A) Heat Pump 11-16 class

- › Providing flow temperatures up to 80°C



\* Daikin offers a 3 year warranty as standard on the Daikin Altherma range, except Daikin Altherma Flex Type. D1 and D1+ customers benefit from an extended 5 year warranty.


















**R-32** **R-410A** **R-134a**

# Air-to-Water Heat Pump Combination Table

Daikin has a full range of air-to-water heat pumps to suit many installation requirements and applications.

Use the table below to help select the right combination of equipment.

	Outdoor	Indoor	DHW cylinder	or	Thermal store
LT Monobloc 5-7 class	<b>R-410A</b>  EDLQ05-07 (page 7)	 Wiring centre EKCB07CV3 (page 197) Back-up heater (optional) EKMBUHC3V3 (page 7)	 UK.PPC150-300 (page 33)	or	 SB.EKHWSU150-300D (page 34)
LT Monobloc 9-16 class	<b>R-32</b> <b>BLUEEVOLUTION</b>  E(D/B)LA11-16D3V3/D3W1 (page 9 - 10)		 UK.PPC/R32150-300 (page 32)	or	 SB.EKHWSU150-300D (page 34)
LT R-Split 4-8 class	<b>R-32</b> <b>BLUEEVOLUTION</b>  ERGA04-08EVA (page 12)	 EHB(H/X)04-08E6V (page 13)	 SB.EKHWSU150-300D (page 34)	or	 EKHWP300-500(P)B (page 35)
LT Integrated 4-8 class	<b>R-32</b> <b>BLUEEVOLUTION</b>  ERGA04-08 (page 12)	 EHVH-SU-E6V (page 14)			
<b>NEW</b> LT R-Split 11-16 class	<b>R-32</b> <b>BLUEEVOLUTION</b>  ERLA011-016DV3/W1 (page 16)	 EBB(H/X)11-16D6V/9W (page 17)	 SB.EKHWSU150-300D (page 34)	or	 EKHWP300-500(P)B (page 35)

	Outdoor	Indoor	DHW cylinder	or	Thermal store
<b>NEW</b> LT Integrated 11-16 class	<b>R-32</b> <b>BLUEEVOLUTiON</b>  ERLA011-016DV3/W1 (page 16)	 EBVH16SU-D6V (page 18)			
LT H-Split 11-16 class	<b>R-32</b> <b>BLUEEVOLUTiON</b>  EPGA11-16DV7 (page 20)	 EAB(H/X)16D6V7/9W7 (page 21)	 SB.EKHWSU150-300D (page 34)	or	 EKHW300-500(P)B (page 35)
LTH-Split integrated 11-16 class	<b>R-32</b> <b>BLUEEVOLUTiON</b>  EPGA11-16DV7 (page 20)	 EAVH16SU-D6V7 (page 22)			
<b>NEW</b> H HT 08-18 class	<b>R-32</b> <b>BLUEEVOLUTiON</b>  EPRA08-12EV3/W1 (page 24) EPRA14-18DV37/W17 (page 27)	 ETB(H/X)12E6V/E9W (page 25) ETB(H/X)16E6V7/E9W7 (page 28)	 SB.EKHWSU150-300D (page 34)	or	 EKHW300-500(P)B (page 35)
<b>NEW</b> H HT 08-18 class	<b>R-32</b> <b>BLUEEVOLUTiON</b>  EPRA08-12EV3/W1 (page 24) EPRA14-18DV37/W17 (page 27)	 ETVH12SU-E6V (page 26) ETVH16SU-E6V7 (page 29)			
HT R-Split 11-16 class	<b>R-410A</b>  ERSQ011-016 (page 36)	 EKHBRD011-016 (page 37 / 49)	 UK.EKHTSU200-260AC (page 37)	or	 EKHW300-500(P)B (page 35)





**R-410A**

EDLQ

# Low Temperature Monobloc Heat Pump (5-7 Class)



## Accessories:

Accessory Ref	Description	Trade Price
EKRUCBL2	User interface	<b>£110.00</b>
EKRUCBS	Optional simplified room thermostat	<b>£103.00</b>
EKPCCAB4	PC cable – to upload field settings from PC to unit or spare controller	<b>£237.00</b>
EKRSC1	Optional remote outdoor temperature sensor (see note)	<b>£78.00</b>
KRCS01-1	Optional remote indoor temperature sensor (see note)	<b>£59.00</b>
EK2CB07CV3	Optional Wiring centre - for remote alarm monitoring, run and fault indication and bivalent operation	<b>£278.00</b>
K.FF600ASN	Pair of flexi-feet, 100mm height, for mounting outdoor unit	<b>£60.00</b>
K.CWBXL	Wall brackets for outdoor units (250kg, 660mm long, 2 arms)	<b>£88.00</b>
K.CWBXLSS	Wall brackets for outdoor units (250kg, 660mm long, 2 arms) - Stainless Steel	<b>£355.00</b>
K.DT2	Condensate drip tray (1100 X 400 x 25mm)	<b>£75.00</b>
K.DTFB	Floor bracket kit to mount drip tray to pair flexi-feet or wall bracket	<b>£51.00</b>
K.HOSE750	Pair of flexible hoses (Length 750mm, 19mm tough PVC coat insulation, 1" FBSP, 28mm compression)	<b>£87.00</b>
K.HOSE750EL	Pair of flexible hoses with elbow (Length 750mm, 19mm tough PVC coat insulation, 1" FBSP, 28mm compression)	<b>£125.00</b>
K.CG750S	Outdoor unit guard	<b>£359.00</b>
K.FERNOXTF1	Fernox magnetic filter 1"	<b>£120.00</b>
K.FERNOXTF1FL	Fernox magnetic filter 1" and F1 inhibitor fluid (500ml)	<b>£141.00</b>
BRP069A62	Daikin ONECTA App	<b>£157.00</b>
K.ELECMETV	<b>Electric meter for domestic RHI - Single-phase (Metering for performance compliant)</b> MID Class A electric meter to measure the electricity consumption of the Daikin Altherma heat pump	<b>£141.00</b>
K.ELECMETW	<b>Electric meter for domestic RHI - Three-phase (Metering for performance compliant)</b> MID Class A electric meter to measure the electricity consumption of the Daikin Altherma heat pump	<b>£254.00</b>
EKUMBPART	Third party tank connection kit - Dry pocket sensor	<b>£231.00</b>
EKCC8-W	Sequence Controller	<b>£835.00</b>
DCOM-LT/IO	Daikin Altherma I/O (Sequence Controller/Voltage/Resistance/Smart Grid) Gateway	<b>£266.00</b>
DCOM-LT/MB	Daikin Altherma Modbus Gateway	<b>£260.00</b>

Outdoor Unit			EDLQ05CV3	EDLQ07CV3
Trade Unit Price			<b>£2,341.00</b>	<b>£2,732.00</b>
User Interface (must be ordered separately)			<b>EKRUCBL2</b>	<b>EKRUCBL2</b>
Description			Class 5, 1-phase	Class 7, 1-phase
Function			Heating Only	Heating Only
Dimensions	Height x Width x Depth	mm	735 x 1090 x 350	735 x 1090 x 350
Weight		kg	76	80
Capacity	Heating (a/b)	kW	4.40 / 4.03	7.00 / 6.90
Input	Heating (a/b)	kW	0.88 / 1.13	1.55 / 2.02
COP	Heating (a/b)		5.00 / 3.58	4.52 / 3.42
Seasonal space heating efficiency	Space heating (Average climate) 35°C	Class	A++	A++
		Efficiency	172	163
	Space heating (Average climate) 55°C	SCOP	4.39	4.14
		Class	A++	A++
		Efficiency	125	125
		SCOP	3.20	3.22
Operation Range	Heating	°C	-25 ~ +25	-25 ~ +25
	Hot Water	°C	-25 ~ +35	-25 ~ +35
Sound pressure/Power level		dBA	48 / 61	49 / 62
Refrigerant charge	R-410A	kg	1.30	1.45
Power supply			1-phase / 230V / 50Hz	1-phase / 230V / 50Hz
Recommended Fuses		Amps	16	16
Pump	No. of speeds		Inverter Controlled	Inverter Controlled
Expansion vessel volume		litres	7	7
Water connections	Diameter	Inch	1" (male)	1" (male)
Max piping length OU to cylinder		m	10	10
Minimum water volume without back-up heater		litres	20	20
Minimum water volume with back-up heater		litres	10	10
Minimum flow rate		l/min	12	12
SAP ID	55°C/45°C/35°C		102421 / 102422 / 102432	102431 / 102432 / 102433

Nominal capacity and nominal input tested according to EN 14511 at the following conditions

Heating a: Ambient air temperature 7C and leaving water temperature 35C (A7 W35)

Heating b: Ambient air temperature 7C and leaving water temperature 45C (A7 W45)

Sound pressure level measured at 1m from the unit

WIRING CENTRE			EKCB07CV3
Description			Wiring centre
Trade Unit Price			<b>£278.00</b>
To use with			EDLQ05~07CV3
Dimensions	Depth	mm	97
	Width	mm	340
	Height	mm	360

BACK UP HEATER KIT (OPTIONAL)			EKMBUHC3V3
Description			Back up heater kit (3kW)
Trade Unit Price			<b>£569.00</b>
Nominal rating		kW	3
Dimensions	Depth	mm	210
	Width	mm	250
	Height	mm	560
Power supply			1-phase / 230V / 50Hz
Recommended fuses	3 kW 1ph 230V	Amps	16
Water connections	Diameter	inch	1" (male)

## Features:

- › The small Daikin Altherma Monobloc is ideal for smaller properties
- › In this system, water pipes, rather than refrigerant lines, run from the outdoor unit to indoors which means that no special refrigerant handling is necessary
- › The optional back-up heater is installed indoors

## Notes:

- User interface (EKRUCBL2) must be ordered with every EDLQ05-07



## Notes:

- Only one optional remote sensor can be installed
- Wiring centre must be ordered when the system is using third party controls, with domestic hot water operation and/or installed with a back-up heater
- For compatible cylinders, see page 31



# Daikin Altherma 3 Monobloc



**BLUEEVOLUTION**

The Daikin Altherma 3 Monobloc is the first all-in-one Monobloc unit to be added to the third generation Daikin Altherma range, featuring the latest controls and low environmental impact R32 technology.



This new addition to the Daikin Altherma 3 range offers higher capacity monobloc units, in 9, 11, 14 and 16 class, all delivered in a market-leading compact single fan casing, making it ideal for new buildings and large renovations.

#### High performance in low ambient conditions

With an operation range down to -25°C, the system delivers in the harshest of conditions. The unit also has high performance of 60°C leaving water temperature down to -7°C ambient. The capacities vary depending on the design conditions, ambient temperature and leaving water temperature selected, so please check the capacity curves in the data books available on [my.daikin.co.uk](http://my.daikin.co.uk), or use our Heating Solutions Navigator design tool on Stand By Me to complete your selection.

#### A redesigned outdoor unit

The new Daikin Altherma 3 Monobloc offers a modern, single fan design, with compact dimensions and a sleek black grill, providing an unobtrusive and versatile outdoor unit suitable for a wide range of house types.

#### All-in-one Monobloc unit

The Daikin Altherma 3 Monobloc is an outdoor only unit including an enclosed refrigerant circuit. It is an all-in-one concept with all key hydraulics included such as the pump, flow sensor, and water pressure sensor in the outdoor unit. The system requires no indoor unit, only a user interface and a stand-alone domestic hot water tank.

#### Reduced environmental impact

Daikin Altherma 3 Monobloc uses R32 refrigerant, which is more energy-efficient and has a lower global warming potential (GWP) than refrigerants such as R410A, requiring 30% less refrigerant charge than an R410A equivalent unit. This means that you can reduce your customers' environmental impact even further by installing a Daikin Altherma 3 Monobloc heat pump with R32.

#### Ideal where space is at a premium

The Daikin Altherma 3 Monobloc is the ideal solution for homes where indoor space is at a premium. With a reduced size casing of only 870mm height and a total volume of less than 0.6m<sup>3</sup>, the unit meets permitted development rights requirements. This will result in a faster project completion time, avoiding any delays caused by planning approvals.

# Low Temperature Monobloc Heat Pump (9-16 Class)



## Accessories:

Accessory Ref	Description	Trade Price
BRC1HHDW	Madoka Heating - White	<b>£92.00</b>
BRC1HHDS	Madoka Heating - Silver	<b>£92.00</b>
BRC1HHDK	Madoka Heating - Black	<b>£92.00</b>
BRP069A78	Daikin ONECTA App - Wi-fi module [SD Card]	<b>£31.00</b>
EKRELSG	Smart grid relay kit (high voltage)	<b>£81.00</b>
EKPCCAB4	PC cable - to upload field settings from PC to unit	<b>£237.00</b>
AFVALVE1	Anti-freeze valve for glycol free systems (two required per heat pump)	<b>£100.00</b>
EKFLSW1	Optional flow switch (See note)	<b>£81.00</b>
EKRSC1	Optional remote temperature sensor for outdoor unit (See note)	<b>£78.00</b>
KRCS01-1	Optional remote temperature sensor for indoor unit (See note)	<b>£59.00</b>
EKRP1HBA	Optional PCB kit for remote alarm monitoring, fault indication, solar interlock and bivalent operation	<b>£135.00</b>
EKRP1AHT	Optional PCB kit for demand control, power consumption control and power limitation	<b>£135.00</b>
UK.FF600S1503	Three flexi-feet, height 150mm, to mount the outdoor unit	<b>£110.00</b>
UK.CWBXXL3A-B	Wall bracket for outdoor unit (250kg, 780mm long, 3 arms, black)	<b>£172.00</b>
UK.DT4	Condensate drip tray (1420 x 500 x 50mm)	<b>£105.00</b>
UK.DTFB3	Floor bracket kit to mount drip tray for 3 flexi-feet or wall bracket	<b>£80.00</b>
K.HOSE750	Pair of flexible hoses	<b>£87.00</b>
K.HOSE750EL	Pair of flexible hoses with elbow	<b>£125.00</b>
K.FERNOXTF1	Fernox magnetic filter 1"	<b>£120.00</b>
K.FERNOXTF1FL	Fernox magnetic filter 1" and F1 inhibitor fluid (500ml)	<b>£141.00</b>
EKEPRHLT5H	Thermal store (500l) connection kit - For heating only models (for R32 H HT, H-Split, Ref Split and Monobloc)	<b>£183.00</b>
EKEPRHLT5X	Thermal store (500l) connecting kit - For reversible models (for R32 H HT, H-Split, Ref Split and Monobloc)	<b>£256.00</b>

Outdoor Unit	Single Phase				Three Phase					
	EDLA09D3V3	EDLA11D3V3	EDLA14D3V3	EDLA16D3V3	EDLA09D3W1	EDLA11D3W1	EDLA14D3W1	EDLA16D3W1		
<b>Trade Unit Price</b>	<b>£3,874.00</b>	<b>£4,204.00</b>	<b>£4,513.00</b>	<b>£4,885.00</b>	<b>£4,029.00</b>	<b>£4,373.00</b>	<b>£4,694.00</b>	<b>£5,075.00</b>		
<b>Description</b>	<b>Class 9</b>	<b>Class 11</b>	<b>Class 14</b>	<b>Class 16</b>	<b>Class 9</b>	<b>Class 11</b>	<b>Class 14</b>	<b>Class 16</b>		
Function	Heating Only	Heating Only	Heating Only	Heating Only	Heating Only	Heating Only	Heating Only	Heating Only		
Dimensions <sup>[1]</sup>	Height x Width x Depth	mm	870 x 1380 x 460	870 x 1380 x 460	870 x 1380 x 460	870 x 1380 x 460	870 x 1380 x 460	870 x 1380 x 460		
Weight		kg	149	149	149	149	149	149		
Nominal capacity	Heating (a/b)	kW	9.37/9.00	10.6/9.82	12.0/12.5	16.0/16.0	9.37/9.00	10.6/9.82	12.0/12.5	16.0/16.0
	Cooling	kW	-	-	-	-	-	-	-	-
Nominal input	Heating (a/b)	kW	1.91/2.43	2.18/2.68	2.46/3.42	3.53/4.56	1.91/2.43	2.18/2.68	2.46/3.42	3.53/4.56
	COP	Heating (a/b)	4.91/3.71	4.83/3.66	4.87/3.64	4.53/3.51	4.91/3.72	4.83/3.66	4.87/3.64	5.43/3.51
Seasonal space heating efficiency	Space heating (Average climate) 35°C	Class	A+++	A+++	A+++	A+++	A+++	A+++	A+++	A+++
		Efficiency	186	182	182	182	186	182	182	182
	Space heating (Average climate) 55°C	Class	A++	A++	A++	A++	A++	A++	A++	A++
		Efficiency	133	130	132	130	133	130	132	130
	SCOP	3.39	3.32	3.37	3.33	3.39	3.32	3.37	3.33	
EER	Cooling		-	-	-	-	-	-	-	-
Operation range	Heating	°C	-25 ~ 35	-25 ~ 35	-25 ~ 35	-25 ~ 35	-25 ~ 35	-25 ~ 35	-25 ~ 35	-25 ~ 35
	Cooling	°C	-	-	-	-	-	-	-	-
	Hot water	°C	-25 ~ 35	-25 ~ 35	-25 ~ 35	-25 ~ 35	-25 ~ 35	-25 ~ 35	-25 ~ 35	-25 ~ 35
Sound power level	Heating	dB(A)	62	62	62	62	62	62	62	
Refrigerant charge (factory)	R32	kg	3.8	3.8	3.8	3.8	3.8	3.8	3.8	
Power supply			1-phase / 230V / 50Hz	1-phase / 230V / 50Hz	1-phase / 230V / 50Hz	1-phase / 230V / 50Hz	3-Phase / 400V / 50Hz	3-Phase / 400V / 50Hz	3-Phase / 400V / 50Hz	3-Phase / 400V / 50Hz
Recommended fuses	Outdoor unit	A	32	32	32	32	13	13	13	13
Pump	No. of speeds		Inverter controller	Inverter controller	Inverter controller	Inverter controller	Inverter controller	Inverter controller	Inverter controller	Inverter controller
Expansion vessel volume		litres	8	8	8	8	8	8	8	
Water connections (diameter)		inch	1" (male)	1" (male)	1" (male)	1" (male)	1" (male)	1" (male)	1" (male)	
Minimum water volume		litres	20	20	20	20	20	20	20	
Minimum flow rate	Cooling/Heating above 5°C	l/min	20	20	20	20	20	20	20	
		Heating below -5°C	l/min	22	22	22	22	22	22	22
	Hot water	l/min	28	28	28	28	28	28	28	
Maximum piping distance to tank		m	10	10	10	10	10	10	10	
Maximum level difference		m	5	5	5	5	5	5	5	
SAP ID	55°C/45°C/35°C		105231/105232/105233	105343/105344/105345	105239/105240/105241	105247/105248/105249	105279/105280/105281	105351/105352/105353	105287/105288/105289	105319/105320/105321

Nominal capacity and nominal input tested according to EN 14511 at the following conditions:  
 Heating a: Ambient air temperature 7°C and leaving water temperature 35°C (A7 W35)  
 Heating b: Ambient air temperature 7°C and leaving water temperature 45°C (A7 W45)  
 Cooling: Ambient air temperature 35°C and leaving water temperature 7°C (A35 W7)  
 Sound pressure level measured at 1m from the unit  
<sup>[1]</sup> Excludes aesthetic grill

Accessory Ref	Description	Trade Price
EKEPRHLT3HX	Thermal store (300l) connection kit - For heating only and reversible models (for R32 H HT, H-Split, Ref Split and Monobloc)	<b>£140.00</b>
EKUMBPART	Third party tank connection kit - Dry pocket sensor	<b>£231.00</b>
K.ELECMETV	<b>Electric meter for domestic RHI - Single-phase (Metering for performance compliant)</b> MID Class A electric meter to measure the electricity consumption of the Daikin Altherma heat pump	<b>£141.00</b>
K.ELECMETW	<b>Electric meter for domestic RHI - Three-phase (Metering for performance compliant)</b> MID Class A electric meter to measure the electricity consumption of the Daikin Altherma heat pump	<b>£254.00</b>
EKCC8-W	Sequence Controller	<b>£835.00</b>
DCOM-LT/IO	Daikin Altherma I/O (Sequence Controller/Voltage/Resistance/Smart Grid) Gateway	<b>£266.00</b>
DCOM-LT/MB	Daikin Altherma Modbus Gateway	<b>£260.00</b>

## Notes:

- i) User interface (MMI) is supplied with outdoor unit
- ii) EKFLSW1 must be ordered if glycol is present within the system
- iii) Only one optional remote sensor can be installed

# Low Temperature Monobloc Heat Pump (9-16 Class)



### Accessories:

Accessory Ref	Description	Trade Price
BRC1HHDW	Madoka Heating - White	<b>£92.00</b>
BRC1HHDS	Madoka Heating - Silver	<b>£92.00</b>
BRC1HHDK	Madoka Heating - Black	<b>£92.00</b>
BRP069A78	Daikin ONECTA App - Wi-fi module [SD Card]	<b>£31.00</b>
EKRELSG	Smart grid relay kit (high voltage)	<b>£81.00</b>
EKPCCAB4	PC cable - to upload field settings from PC to unit	<b>£237.00</b>
AFVALVE1	Anti-freeze valve for glycol free systems (two required per heat pump)	<b>£100.00</b>
EKFLSW1	Optional flow switch (See note)	<b>£81.00</b>
EKRSC1	Optional remote temperature sensor for outdoor unit (See note)	<b>£78.00</b>
KRCS01-1	Optional remote temperature sensor for indoor unit (See note)	<b>£59.00</b>
EKRP1HBA	Optional PCB kit for remote alarm monitoring, fault indication, solar interlock and bivalent operation	<b>£135.00</b>
EKRP1AHT	Optional PCB kit for demand control, power consumption control and power limitation	<b>£135.00</b>
UK.FF600S1503	Three flexi-feet, height 150mm, to mount the outdoor unit	<b>£110.00</b>
UK.CWBXXL3A-B	Wall bracket for outdoor unit (250kg, 780mm long, 3 arms, black)	<b>£172.00</b>
UK.DT4	Condensate drip tray (1420 x 500 x 50mm)	<b>£105.00</b>
UK.DTFB3	Floor bracket kit to mount drip tray for 3 flexi-feet or wall bracket	<b>£80.00</b>
K.HOSE750	Pair of flexible hoses	<b>£87.00</b>
K.HOSE750EL	Pair of flexible hoses with elbow	<b>£125.00</b>
K.FERNOXTF1	Fernox magnetic filter 1"	<b>£120.00</b>
K.FERNOXTF1FL	Fernox magnetic filter 1" and F1 inhibitor fluid (500ml)	<b>£141.00</b>
EKEPRHLT5H	Thermal store (500l) connection kit - For heating only models (for R32 H HT, H-Split, Ref Split and Monobloc)	<b>£183.00</b>
EKEPRHLT5X	Thermal store (500l) connecting kit - For reversible models (for R32 H HT, H-Split, Ref Split and Monobloc)	<b>£256.00</b>

Outdoor Unit			Single Phase				Three Phase			
			EBLA09D3V3	EBLA11D3V3	EBLA14D3V3	EBLA16D3V3	EBLA09D3W1	EBLA11D3W1	EBLA14D3W1	EBLA16D3W1
<b>Trade Unit Price</b>			<b>£4,572.00</b>	<b>£4,961.00</b>	<b>£5,326.00</b>	<b>£5,764.00</b>	<b>£4,755.00</b>	<b>£5,160.00</b>	<b>£5,540.00</b>	<b>£5,988.00</b>
<b>Description</b>			<b>Class 9</b>	<b>Class 11</b>	<b>Class 14</b>	<b>Class 16</b>	<b>Class 9</b>	<b>Class 11</b>	<b>Class 14</b>	<b>Class 16</b>
Function			Reversible	Reversible	Reversible	Reversible	Reversible	Reversible	Reversible	Reversible
Dimensions <sup>[1]</sup>	Height x Width x Depth	mm	870 x 1380 x 460	870 x 1380 x 460	870 x 1380 x 460	870 x 1380 x 460	870 x 1380 x 460	870 x 1380 x 460	870 x 1380 x 460	870 x 1380 x 460
Weight		kg	149	149	149	149	149	149	149	149
Nominal capacity	Heating (a/b)	kW	9.37/9.00	10.6/9.82	12.0/12.5	16.0/16.0	9.37/9.00	10.6/9.82	12.0/12.5	16.0/16.0
	Cooling	kW	9.35/9.1	11.6/11.5	12.8/12.7	14.0/15.3	9.35/9.04	11.6/11.5	12.8/12.7	14.0/15.3
Nominal input	Heating (a/b)	kW	1.91/2.43	2.18/2.68	2.46/3.42	3.53/4.56	1.91/2.43	2.18/2.68	2.46/3.42	3.53/4.56
COP	Heating (a/b)		4.91/3.71	4.83/3.66	4.87/3.64	4.53/3.51	4.91/3.72	4.83/3.66	4.87/3.64	5.43/3.51
Seasonal space heating efficiency	Space heating (Average climate) 35°C	Class	A+++	A+++	A+++	A+++	A+++	A+++	A+++	A+++
		Efficiency	190	186	185	185	190	186	185	185
	Space heating (Average climate) 55°C	Class	A++	A++	A++	A++	A++	A++	A++	A++
		Efficiency	135	132	134	132	135	132	134	132
		SCOP	3.44	3.37	3.42	3.37	3.44	3.37	3.42	3.37
EER	Cooling		3.35/5.34	3.26/5.31	3.16/5.04	3.06/4.74	3.35/3.34	3.26/5.31	3.16/5.04	3.06/4.74
Operation range	Heating	°C	-25 ~ 35	-25 ~ 35	-25 ~ 35	-25 ~ 35	-25 ~ 35	-25 ~ 35	-25 ~ 35	-25 ~ 35
	Cooling	°C	10 ~ 43	10 ~ 43	10 ~ 43	10 ~ 43	10 ~ 43	10 ~ 43	10 ~ 43	10 ~ 43
	Hot water	°C	-25 ~ 35	-25 ~ 35	-25 ~ 35	-25 ~ 35	-25 ~ 35	-25 ~ 35	-25 ~ 35	-25 ~ 35
Sound power level	Heating	dBA	62	62	62	62	62	62	62	62
Refrigerant charge (factory)	R32	kg	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
Power supply			1-phase / 230V / 50Hz	1-phase / 230V / 50Hz	1-phase / 230V / 50Hz	1-phase / 230V / 50Hz	3-Phase / 400V / 50Hz	3-Phase / 400V / 50Hz	3-Phase / 400V / 50Hz	3-Phase / 400V / 50Hz
Recommended fuses	Outdoor unit	A	32	32	32	32	13	13	13	13
Pump	No. of speeds		Inverter controller	Inverter controller	Inverter controller	Inverter controller	Inverter controller	Inverter controller	Inverter controller	Inverter controller
Expansion vessel volume		litres	8	8	8	8	8	8	8	8
Water connections (diameter)		inch	1" (male)	1" (male)	1" (male)	1" (male)	1" (male)	1" (male)	1" (male)	1" (male)
Minimum water volume		litres	20	20	20	20	20	20	20	20
Minimum flow rate	Cooling/Heating above 5°C	l/min	20	20	20	20	20	20	20	20
	Heating below -5°C	l/min	22	22	22	22	22	22	22	22
	Hot water	l/min	28	28	28	28	28	28	28	28
Maximum piping distance to tank		m	10	10	10	10	10	10	10	10
Maximum level difference		m	5	5	5	5	5	5	5	5
SAP ID		55°C/45°C/35°C	105255/105256/105257	105327/105328/105329	105263/105264/105265	105271/105272/105273	105295/105296/105297	105335/105336/105337	105303/105304/105305	105311/105312/105313

Nominal capacity and nominal input tested according to EN 14511 at the following conditions:  
 Heating a: Ambient air temperature 7°C and leaving water temperature 35°C (A7 W35)  
 Heating b: Ambient air temperature 7°C and leaving water temperature 45°C (A7 W45)  
 Cooling: Ambient air temperature 35°C and leaving water temperature 7°C (A35 W7)  
 Sound pressure level measured at 1m from the unit  
<sup>[1]</sup> Excludes aesthetic grill

Accessory Ref	Description	Trade Price
EKEPRHLT3HX	Thermal store (300l) connection kit - For heating only and reversible models (for R32 H HT, H-Split, Ref Split and Monobloc)	<b>£140.00</b>
EKUMBPART	Third party tank connection kit - Dry pocket sensor	<b>£231.00</b>
K.ELECMETV	<b>Electric meter for domestic RHI - Single-phase (Metering for performance compliant)</b> MID Class A electric meter to measure the electricity consumption of the Daikin Altherma heat pump	<b>£141.00</b>
K.ELECMETW	<b>Electric meter for domestic RHI - Three-phase (Metering for performance compliant)</b> MID Class A electric meter to measure the electricity consumption of the Daikin Altherma heat pump	<b>£254.00</b>
EKCC8-W	Sequence Controller	<b>£835.00</b>
DCOM-LT/IO	Daikin Altherma I/O (Sequence Controller/Voltage/Resistance/Smart Grid) Gateway	<b>£266.00</b>
DCOM-LT/MB	Daikin Altherma Modbus Gateway	<b>£260.00</b>

### Notes:

- i) User interface (MMI) is supplied with outdoor unit
- ii) EKFLSW1 must be ordered if glycol is present within the system
- iii) Only one optional remote sensor can be installed



# Daikin Altherma 3 R-Split



**BLUEEVOLUTION**

The Daikin Altherma 3 R-Split is available in two indoor options; a wall hung unit or an integrated floor standing unit. Both feature the latest controls and low environmental impact R32 technology.



## Easy to install

- › Delivered ready to work: all key hydraulic elements are already factory mounted
- › The new design allows all servicing to be undertaken from the front and all piping to be accessed at the top of the unit
- › Stylish modern outlook
- › The outdoor unit is tested and charged with refrigerant, resulting in reduced installation time

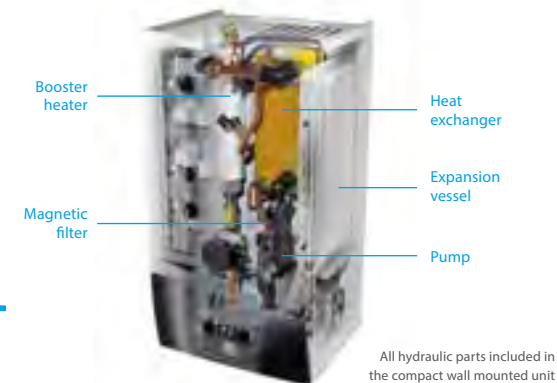
## Easy commissioning

- › Integrated high-resolution colour interface
- › Commissioning wizard will have the full system ready to work in a maximum of nine easy steps
- › Configuration can take place remotely and settings uploaded to the unit after installation

## Easy to control

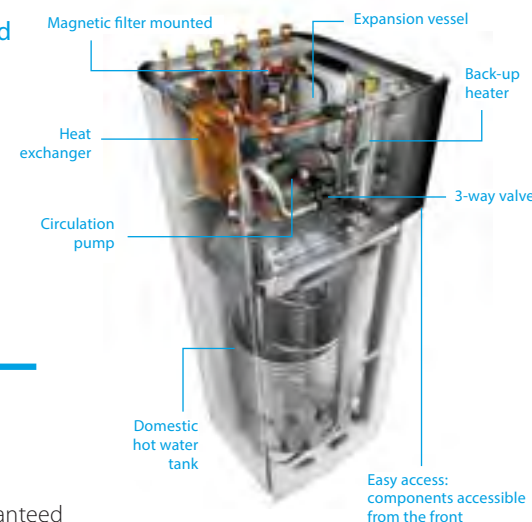
- › The combined effect of the Daikin Altherma weather dependent set-point controls and its inverter compressor maximises the efficiency of the new Daikin Altherma 3 with R32 Bluevolution technology at each outdoor temperature, ensuring consistent room temperatures at all times
- › Home temperature settings can be adjusted on a daily basis via the Daikin Residential Controller app. This online controller allows adjustment of home comfort levels to suit individual preferences while achieving further energy efficiencies

## Wall mounted unit



- › High Flexibility for installation with Daikin domestic hot water tanks
- › Compact unit with small installation (almost no side clearance is required)
- › Can be combined with a space separate domestic hot water tank up to 300 litres, with or without solar support
- › Stylish modern design
- › Compatible with the Daikin Onecta app
- › Voice control available

## Floor standing unit with integrated domestic hot water tank



- › Compact and yet 100% comfort guaranteed
- › All components and connections are factory mounted
- › Compact 595 x 625 mm installation footprint required
- › Minimum electrical input with constantly available hot water
- › Modern stylish design available in white
- › Compatible with the Daikin Onecta app
- › Voice control available

**R-32** BLUEEVOLUTION

Single Phase ERGA-EVA

## Low Temperature R-Split (R32) Heat Pump (outdoor)



Outdoor Units			Single Phase		
			ERGA04EVA	ERGA06EVA	ERGA08EVA
Description			Class 4	Class 6	Class 8
Trade Unit Price			£1,412.00	£1,441.00	£1,929.00
Dimensions	Height x Width x Depth	mm	740 x 884 x 388	740 x 884 x 388	740 x 884 x 388
Weight		kg	58.5	58.5	58.5
Nominal capacity	Heating (a/b)	kW	4.30 / 4.60	6.00 / 5.90	7.50 / 7.80
	Cooling (c/d)	kW	5.56 / 4.37	5.96 / 4.87	6.25 / 5.35
Nominal input	Heating (a/b)	kW	0.85 / 1.26	1.24 / 1.69	1.63 / 2.23
	Cooling (c/d)	kW	0.94 / 1.14	1.06 / 1.33	1.16 / 1.51
Seasonal space heating efficiency*	Space heating (Average climate) 35°C	Class	A+++	A+++	A+++
		Efficiency	176	176	179
		SCOP	4.48	4.47	4.56
	Space heating (Average climate) 55°C	Class	A++	A++	A++
		Efficiency	127	127	128
		SCOP	3.26	3.25	3.27
COP	Heating (a/b)		5.10 / 3.65	4.85 / 3.50	4.60 / 3.50
EER	Cooling (c/d)		5.94 / 3.84	5.61 / 3.67	5.40 / 3.54
Operation range	Heating	°C	-25~25	-25~25	-25~25
	Cooling	°C	10~43	10~43	10~43
	Hot water	°C	-25~35	-25~35	-25~35
Sound pressure / power level	Heating	dBA	44 / 58	47 / 60	49 / 62
	Cooling	dBA	48 / 61	49 / 62	50 / 62
Refrigerant charge	R-32	kg	1.5	1.5	1.5
Piping connections	Liquid	inch	1/4 "	1/4 "	1/4 "
	Gas	inch	5/8 "	5/8 "	5/8 "
Maximum piping length OU to IU		m	30	30	30
Power supply			1-phase / 230V / 50Hz	1-phase / 230V / 50Hz	1-phase / 230V / 50Hz
Recommended fuses	A		16	16	16
SAP ID (Heating only combination)	55°C/45°C/35°C		105087 / 105088 / 105089	105103 / 105104 / 105105	105135 / 105136 / 105137
SAP ID (Reversible combination)	55°C/45°C/35°C		105095 / 105096 / 105097	105111 / 105112 / 105113	105143 / 105144 / 105145
SAP ID (Integrated combination 180L)	55°C/45°C/35°C		105167 / 105168 / 105169	105183 / 105184 / 105185	105199 / 105200 / 105201
SAP ID (Integrated combination 230L)	55°C/45°C/35°C		105175 / 105176 / 105177	105191 / 105192 / 105193	105207 / 105208 / 105209

Nominal capacity and nominal input tested according to EN 14511

Heating (a): Ambient air temperature 7°CDB and leaving water temperature 35°C (A7/W35). Heating (b): Ambient air temperature 7°CDB and leaving water temperature 45°C (A7/W45)

Cooling (c): Ambient air temperature 35°C and leaving water temperature 18°C (A35/W18). Cooling (d): Ambient air temperature 35°C and leaving water temperature 7°C (A35/W7)

Sound pressure / power measured according to EN 12102 under conditions of EN 14825

Heating and Cooling EHBH(X)-E

# Low Temperature R-Split (R32) Heat Pump (wall hung)



Indoor Unit (wall hung)			Single Phase			
			EHBH04E6V	EHBH08E6V	EHBX04E6V	EHBX08E6V
<b>Trade Unit Price</b>			<b>£1,725.00</b>	<b>£1,757.00</b>	<b>£1,854.00</b>	<b>£1,893.00</b>
<b>Compatible outdoor unit</b>			<b>ERGA04EVA</b>	<b>ERGA06-08EVA</b>	<b>ERGA04EVA</b>	<b>ERGA06-08EVA</b>
<b>User interface (Must be ordered separately)</b>			<b>BRC1HHD(W/S/K)</b>	<b>BRC1HHD(W/S/K)</b>	<b>BRC1HHD(W/S/K)</b>	<b>BRC1HHD(W/S/K)</b>
Function			Heating Only	Heating Only	Reversible	Reversible
Casing	Colour		White	White	White	White
	Material		Resin + Sheet Metal	Resin + Sheet Metal	Resin + Sheet Metal	Resin + Sheet Metal
Dimensions	Height x Width x Depth	mm	840 x 440 x 390	840 x 440 x 390	840 x 440 x 390	840 x 440 x 390
Weight		kg	38	38	38	38
Leaving water temperature range	Heating	°C	18 ~ 65	18 ~ 65	18 ~ 65	18 ~ 65
	Cooling	°C			5 ~ 22	5 ~ 22
Pump	No. of speeds		Inverter controlled	Inverter controlled	Inverter controlled	Inverter controlled
Expansion vessel volume		litres	10	10	10	10
Minimum water volume		litres	10	10	10	10
Minimum flow rate		l/min	12	12	12	12
Water connections		inch	1" (female)	1" (female)	1" (female)	1" (female)
Back-up heater nominal running current	4kW 1ph 230V	A	17.4	17.4	17.4	17.4
	6kW 1ph 230V	A	26.1	26.1	26.1	26.1

### Accessories:

Accessory Ref	Description	Trade Price
BRC1HHDW	Madoka Heating - White	<b>£92.00</b>
BRC1HHD5	Madoka Heating - Silver	<b>£92.00</b>
BRC1HHDK	Madoka Heating - Black	<b>£92.00</b>
EKPCCAB4	PC cable – to upload field settings from PC to unit	<b>£237.00</b>
EKRSC1	Optional remote temperature sensor for outdoor unit*	<b>£78.00</b>
KRCS01-1	Optional remote temperature sensor for indoor unit*	<b>£59.00</b>
EKRP1HBA	Optional PCB kit for remote alarm monitoring, run and fault indication, solar interlock for heat pump and bivalent operation	<b>£135.00</b>
EKFT008D	U-beams to mount the ERGA04-08 outdoor units	<b>£106.00</b>
EKDP008D	Drainpan and U-beams for ERGA04-08 outdoor units	<b>£151.00</b>
EKDPH008C	Outdoor unit drain pan heater for ERGA04-08	<b>£231.00</b>
K.FF600ASN	Pair of flexi-feet, 100mm height, for mounting outdoor unit	<b>£60.00</b>
K.CWBXL	Wall brackets for outdoor units (250kg, 660mm long, 2 arms)	<b>£88.00</b>
K.CWBXLSS	Wall brackets for outdoor units (250kg, 660mm long, 2 arms) - Stainless Steel	<b>£355.00</b>
K.DT1	Condensate drip tray (800 x 400 x 50mm)	<b>£68.00</b>
K.DTFB	Floor bracket kit to mount drip tray to pair flexi-feet or wall bracket	<b>£51.00</b>
K.CGM	Outdoor unit cage guard for ERGA04-08	<b>£388.00</b>
BRP069A62	Daikin ONECTA App	<b>£157.00</b>
EKUMBPART	Third party tank connection kit - Dry pocket sensor	<b>£231.00</b>
EKUHWG3D	G3 Kit (must be ordered separately)	<b>£170.00</b>
EKCC8-W	Sequence Controller	<b>£835.00</b>
DCOM-LT/IO	Daikin Altherma I/O (Sequence Controller/Voltage/Resistance/Smart Grid) Gateway	<b>£266.00</b>
DCOM-LT/MB	Daikin Altherma Modbus Gateway	<b>£260.00</b>

### Notes:

- i) \* Only one optional remote sensor can be installed. Sensor connects to indoor unit.
- ii) For compatible cylinders, see page 31

**R-32** BLUEEVOLUTION

Heating EHVH-SU-E

## Low Temperature R-Split (R32) Heat Pump (Integrated)



Indoor Units (floor standing)			EHVH04SU18E6V	EHVH04SU23E6V	EHVH08SU18E6V	EHVH08SU23E6V
<b>Trade Unit Price</b>			<b>£3,153.00</b>	<b>£3,342.00</b>	<b>£3,153.00</b>	<b>£3,342.00</b>
<b>Compatible outdoor unit</b>			<b>ERGA04EVA</b>	<b>ERGA04EVA</b>	<b>ERGA06/08EVA</b>	<b>ERGA06/08EVA</b>
<b>User interface (must be ordered separately)</b>			<b>BRC1HHD(W/S/K)</b>	<b>BRC1HHD(W/S/K)</b>	<b>BRC1HHD(W/S/K)</b>	<b>BRC1HHD(W/S/K)</b>
<b>G3 Kit (must be ordered separately)</b>			<b>EKUHWG3D</b>	<b>EKUHWG3D</b>	<b>EKUHWG3D</b>	<b>EKUHWG3D</b>
Function			Heating only	Heating only	Heating only	Heating only
Casing	Colour		White	White	White	White
	Material		Resin + Sheet Metal	Resin + Sheet Metal	Resin + Sheet Metal	Resin + Sheet Metal
Dimensions	Height x Width x Depth	mm	1,650 x 595 x 625	1,850 x 595 x 625	1,650 x 595 x 625	1,850 x 595 x 625
Weight	Unit / Packed Unit	kg	119 / 135	128 / 144	119 / 135	128 / 144
Operating range	Heating	Min-Max.	18°C - 65°C	18°C - 65°C	18°C - 65°C	18°C - 65°C
	DHW	Max.	60°C <sup>[1]</sup>	60°C <sup>[1]</sup>	60°C <sup>[1]</sup>	60°C <sup>[1]</sup>
Sound power level	Nom.	dB(A)	42	42	42	42
Sound pressure level	Nom.	dB(A)	28	28	28	28
Tank	Water Volume	Litres	180	230	180	230
	Maximum water pressure	bar	10	10	10	10
	Material		Stainless steel (EN 1.4521)	Stainless steel (EN 1.4521)	Stainless steel (EN 1.4521)	Stainless steel (EN 1.4521)
	Load profile EN16147		L	XL	L	XL
	Standing heat loss	W	56	73	56	73
	Energy efficiency rating		A+	A+	A+	A+
	Standing heat loss @ 45K dT	kWh/24h	1.4	1.8	1.4	1.8
Hydraulic characteristics	Water connections DHW / Recirc	inch	G 3/4" (female)	G 3/4" (female)	G 3/4" (female)	G 3/4" (female)
	Water connections Space heating	inch	G 1" (female)	G 1" (female)	G 1" (female)	G 1" (female)
Minimum water volume		litres	20	20	20	20
Minimum flow rate		l/min	12	12	12	12
Backup heater power supply <sup>[2]</sup>	Phase		1~ / 3~	1~ / 3~	1~ / 3~	1~ / 3~
	Frequency	Hz	50	50	50	50
	Voltage	V	230	230	230	230
	Maximum capacity	kW	6 (2 step) <sup>[3]</sup>	6 (2 step) <sup>[3]</sup>	6 (2 step) <sup>[3]</sup>	6 (2 step) <sup>[3]</sup>
	Maximum running current	A	26	26	26	26
	Recommended fuse rating	A	20 <sup>[4]</sup>	20 <sup>[4]</sup>	20 <sup>[4]</sup>	20 <sup>[4]</sup>

<sup>[1]</sup> Tank temperature up to 70°C possible with booster heater only operation (if available in the system).

<sup>[2]</sup> Power supply is for backup heater only. Indoor unit switch box and circulation pump are supplied via the outdoor unit.

<sup>[3]</sup> Backup heater steps electronically setup on the indoor unit interface.

<sup>[4]</sup> 4 pole 20A curve 400V tripping class C (refer to wiring diagram).

# Daikin Altherma Low Sound Cover



EKLN08A1

## Low Sound Cover for Altherma 3 R-Split (Class 4, 6 and 8 only)

Daikin is launching a new Low Sound Cover for its Daikin Altherma ranges, providing enhanced noise reduction for home heating in urban areas. Unobtrusive and easy to fit, the new Low Sound Cover is capable of reducing noise levels by up to 3dBA, without affecting performance (which represents a reduction by half in audible sound level).

### Versatile good looks

Designed to be discreet, the new Daikin Altherma Low Sound Cover presents a clean and modern look. The cover can be combined with a range of Daikin Altherma outdoor units, and the latest Daikin Altherma 3 R Split series (ERGA4/6/8E).

### Simple installation

The Low Sound Cover is supplied flat packed, with simple instructions enabling easy assembly on-site. The Low Sound Cover is the latest in a series of Daikin innovations, all designed to enhance our high performance, low energy solutions by offering reduced visibility and flexible configurations for use in urban areas.

Technical Specification			EKLN08A1
Trade Unit Price			£1,185.00
Dimensions	Height	mm	970
	Width	mm	1190
	Depth	mm	714
Weight	Unit	kg	84.5

Compatibility	
Material	Description
ERGA4/6/8E	Altherma 3 R Split





**R-32** BLUEEVOLUTION

Single Phase ERLA-DV3

Three Phase ERLA-DW1

## Low Temperature R-Split Heat Pump (11-16 Class)



Outdoor Units			Single Phase			Three Phase		
			ERLA11DV3	ERLA14DV3	ERLA16DV3	ERLA11DW1	ERLA14DW1	ERLA16DW1
Description			Class 11	Class 14	Class 16	Class 11	Class 14	Class 16
Trade Unit Price			£3,138.00	£3,615.00	£3,952.00	£3,443.00	£3,970.00	£4,339.00
Dimensions	Height x Width x Depth	mm	870 x 1100 x 460	870 x 1100 x 460	870 x 1100 x 460	870 x 1100 x 460	870 x 1100 x 460	870 x 1100 x 460
Weight		kg	101	101	101	101	101	101
Nominal capacity	Heating (a/b)	kW	10.60 / 9.82	12.00 / 12.50	16.00 / 16.00	10.60 / 9.82	12.00 / 12.50	16.00 / 16.00
	Cooling (a/b)	kW	11.20 / 12.00	13.10 / 13.30	13.80 / 15.90	11.20 / 12.00	13.10 / 13.30	13.80 / 15.90
Nominal input	Heating (a/b)	kW	2.18/2.68	2.46/3.42	3.53/4.56	2.18/2.68	2.46/3.42	3.53/4.56
	Cooling (a/b)	kW	3.43/2.52	4.32/2.86	4.68/3.82	3.43/2.52	4.32/2.86	4.68/3.82
COP	Heating (a/b)		4.83/3.66	4.87/3.64	4.53/3.51	4.83/3.66	4.87/3.64	4.53/3.51
Seasonal space heating efficiency*	Space heating (Average climate) 35°C	Class	A+++	A+++	A+++	A+++	A+++	A+++
		Efficiency	182	181	181	182	181	181
		SCOP	4.63	4.60	4.61	4.63	4.60	4.61
	Space heating (Average climate) 55°C	Class	A++	A++	A++	A++	A++	A++
		Efficiency	126	126	130	126	126	130
		SCOP	3.23	3.22	3.32	3.23	3.22	3.32
EER	Cooling		4.75	4.66	4.16	4.75	4.66	4.16
Operation range	Heating	°C	-25~35	-25~35	-25~35	-25~35	-25~35	-25~35
	Cooling	°C	10~43	10~43	10~43	10~43	10~43	10~43
	Hot water	°C	-25~35	-25~35	-25~35	-25~35	-25~35	-25~35
Sound pressure / power level	Heating	dB(A)	48 / 62	48 / 62	48 / 62	48 / 62	48 / 62	48 / 62
	Cooling	dB(A)	48 / 62	48 / 62	48 / 62	48 / 62	48 / 62	48 / 62
Refrigerant charge	R-32	kg	3.8	3.8	3.8	3.8	3.8	3.8
Piping connections	Liquid	inches (mm)	3/8 (9.5)	3/8 (9.5)	3/8 (9.5)	3/8 (9.5)	3/8 (9.5)	3/8 (9.5)
	Gas	inches (mm)	5/8 (15.9)	5/8 (15.9)	5/8 (15.9)	5/8 (15.9)	5/8 (15.9)	5/8 (15.9)
Max piping length OU to IU		m	50	50	50	50	50	50
Min pipe length OU to IU		m	3	3	3	3	3	3
Power supply			1-phase / 230V / 50Hz	1-phase / 230V / 50Hz	1-phase / 230V / 50Hz	3-phase / 400V / 50Hz	3-phase / 400V / 50Hz	3-phase / 400V / 50Hz
Recommended fuses		A	32	32	32	16	16	16
SAP ID (Heating only combination)		TBC	TBC	TBC	TBC	TBC	TBC	TBC
SAP ID (Integrated combination)		TBC	TBC	TBC	TBC	TBC	TBC	TBC

\* When combined with matching indoor unit

Nominal capacity and nominal input tested according to EN 14511 at the following conditions:

Heating a: Ambient air temperature 7°C and leaving water temperature 35°C (A7 W35) Heating b: Ambient air temperature 7°C and leaving water temperature 45°C (A7 W45)

Cooling: Ambient air temperature 35°C and leaving water temperature 7°C (A35 W7)

Sound pressure level measured at 1m from the unit

### Features:

- › This split system consists of an outdoor unit and an indoor hydrobox wall mounted as integrated floor standing that can be connected to all standard low temperature radiators and underfloor heating systems
- › All models have extra features to withstand severe winter conditions

### Notes:

- i) Some units are available on special request with Blygold treatment to offer additional protection in coastal environments. Please contact your local sales office for further information

Heating Only EBBH  
Heating and Cooling EBBX

# Low Temperature R-Split Hydrobox (wall hung)



Indoor Unit (wall hung)			Single Phase		Single Phase / Three Phase*		Single Phase		Single Phase / Three Phase*	
			EBBH11D6V	EBBH16D6V	EBBH11D9W	EBBH16D9W	EBBX11D6V	EBBX16D6V	EBBX11D9W	EBBX16D9W
<b>Trade Unit Price</b>			<b>£2,223.00</b>	<b>£2,223.00</b>	<b>£2,382.00</b>	<b>£2,382.00</b>	<b>£2,390.00</b>	<b>£2,390.00</b>	<b>£2,560.00</b>	<b>£2,560.00</b>
<b>User interface (must be ordered separately)</b>			<b>BRC1HHD(W/S/K)</b>	<b>BRC1HHD(W/S/K)</b>	<b>BRC1HHD(W/S/K)</b>	<b>BRC1HHD(W/S/K)</b>	<b>BRC1HHD(W/S/K)</b>	<b>BRC1HHD(W/S/K)</b>	<b>BRC1HHD(W/S/K)</b>	<b>BRC1HHD(W/S/K)</b>
<b>Compatible outdoor unit</b>			<b>ERLA11DV3</b>	<b>ERLA14-16DV3</b>	<b>ERLA11DV3/W1</b>	<b>ERLA14-16DV3/W1</b>	<b>ERLA11DV3</b>	<b>ERLA14-16DV3</b>	<b>ERLA11DV3/W1</b>	<b>ERLA14-16DV3/W1</b>
Function			Heating Only	Heating Only	Heating Only	Heating Only	Reversible	Reversible	Reversible	Reversible
Dimensions	Height x Width x Depth	mm	840 x 440 x 390	840 x 440 x 390	840 x 440 x 390	840 x 440 x 390	840 x 440 x 390	840 x 440 x 390	840 x 440 x 390	840 x 440 x 390
	Leaving water temperature range	Heating °C	15 ~ 60	15 ~ 60	15 ~ 60	15 ~ 60	15 ~ 60	15 ~ 60	15 ~ 60	15 ~ 60
Pump	No. of speeds	Cooling °C	-	-	-	-	5 ~ 22	5 ~ 22	5 ~ 22	5 ~ 22
			Inverter controlled	Inverter controlled	Inverter controlled	Inverter controlled	Inverter controlled	Inverter controlled	Inverter controlled	Inverter controlled
Expansion vessel volume		litres	10	10	10	10	10	10	10	10
Minimum water volume		litres	20	20	20	20	20	20	20	20
Minimum flow rate		l/min	22	22	22	22	22	22	22	22
Water connections		inch	1" (female)	1" (female)	1" (female)	1" (female)	1" (female)	1" (female)	1" (female)	1" (female)
Back-up heater power supply [2]	Phase		1~	1~	3~	3~	1~	1~	3~	3~
	Frequency	Hz	50	50	50	50	50	50	50	50
	Voltage	V	230	230	400	400	230	230	400	400
	Maximum capacity [3]	kW	6 (2 step)	6 (2 step)	9 (2 step)	9 (2 step)	6 (2 step)	6 (2 step)	9 (2 step)	9 (2 step)
	Maximum running current	A	26	26	13	13	26	26	13	13
	Recommended fuse rating [4]	A	20	20	20	20	20	20	20	20

[1] Tank temperature up to 75°C possible with backup heater only operation (or booster, if available in the system).  
 [2] Power supply is for backup heater only. Indoor unit switch box and circulation pump are supplied via the outdoor unit.  
 [3] Backup heater steps electronically setup on the indoor unit interface.  
 [4] 4 pole 20A curve 400V tripping class C (refer to wiring diagram)

### Features:

- Available in heating only or heating/cooling versions
- A choice of back-up heaters 3, 6 or 9kW
- Heating / cooling hydroboxes must be ordered with drain pan kit

### Notes:

- \* Only one optional remote sensor can be installed. Sensor connects to indoor unit
- \*\* Recommended to achieve minimum outdoor unit ground clearance of 150mm
- SD Card BRP069A78 must be purchased for the WLAN/Cloud connectivity. BRP069A71 has the same functionality but will only be required in case of bad connectivity in location of the indoor unit
- Please note that due to the regulations around the use of R32, where the refrigerant charge in the system is ≥ 1.84 kg, you need to ensure that the requirements on the minimum floor area are met for the indoor unit's installation. Please contact your local pre sales technical team who will calculate this by using a tool. Please note that there are no requirements for the minimum floor area, if a chimney is installed on the indoor unit and directed outside the building.

### Accessories:

Accessory Ref	Description	Trade Price
BRC1HHDW	Madoka Heating - White	£92.00
BRC1HHDS	Madoka Heating - Silver	£92.00
BRC1HHDK	Madoka Heating - Black	£92.00
EKRELSG	Smart grid relay kit (high voltage)	£81.00
EKPCCAB4	PC cable - to upload field settings from PC to unit	£237.00
EKRSC1	Optional remote temperature sensor for outdoor unit*	£78.00
KRCS01-1	Optional remote temperature sensor for indoor unit*	£59.00
EKRP1HBA	Optional PCB kit for remote alarm monitoring, run and fault indication and bivalent operation	£135.00
EKRP1AHT	Optional PCB for upto 4 digital inputs for power limitation	£135.00
UK.FF600H150	Pair of flexi-feet for mounting outdoor unit, 150mm tall**	£71.00
UK.CBR2XXL-B	Wall bracket for outdoor unit (250 Kg, 780mm long arm, 2 arms, black)	£121.00
UK.CBR2XXL	Wall bracket for outdoor unit (250 Kg, 780mm long arm, 2 arms, ivory white)	£149.00
UK.DT4	Condensate drip tray (1420 x 500 x 50mm)	£105.00
K.DTFB	Floor bracket kit to mount drip tray to pair flexi feet or wall bracket	£51.00
EKUMBPART	Third party tank connection kit for dry pocket (contains 3 way valve, tank sensor and contactor)	£231.00

Accessory Ref	Description	Trade Price
BRP069A78	Daikin ONECTA App WLAN SD Card (See note)	£31.00
BRP069A71	Daikin ONECTA App (See note)	£35.00
K.FERNOXTF1	Fernox magnetic filter 1"	£120.00
K.FERNOXTF1FL	Fernox magnetic filter 1" and F1 inhibitor fluid (500ml)	£141.00
K.ELECMETV	<b>Electric meter for domestic RHI - Single-phase (Metering for performance compliant)</b> MID Class A electric meter to measure the electricity consumption of the Daikin Altherma heat pump	£141.00
K.ELECMETW	<b>Electric meter for domestic RHI - Three-phase (Metering for performance compliant)</b> MID Class A electric meter to measure the electricity consumption of the Daikin Altherma heat pump	£254.00
EKCC8-W	Sequence Controller	£835.00
DCOM-LT/IO	Daikin Altherma I/O (Sequence Controller/Voltage/Resistance/Smart Grid) Gateway	£260.00
DCOM-LT/MB	Daikin Altherma Modbus Gateway	£266.00

**R-32** BLUEEVOLUTION

Single Phase EBVH-D6V

## Low Temperature R-Split Hydrobox (indoor)



Indoor Units			Single Phase Only	
Trade Unit Price			EBVH16SU23D6V	
			£3,989.00	
User interface (must be ordered separately)			BRC1HHD(W/S/K)	
G3 Kit (must be ordered separately)			EKUHWG3D	
Compatible outdoor unit			ERLA11-16DV3/W1	
Function			Heating only	
Casing			White	
Colour				
Material			Pre-coated sheet metal	
Dimensions	Height x Width x Depth	mm	1855 x 634 x 595	
Weight		kg	133	
Sound power level	Nom.	dBA	44	
Sound pressure level	Nom.	dBA	30	
Operating range	Space heating	°C	15°C-60°C	
	DHW	°C	25°C-60°C	
Domestic hot water	Material		Stainless steel (EN 1.4521)	
	Water volume	litres	230	
	Tapping profile according to EN16147		L	
	ERP heat losses	W	73	
	ERP efficiency rating		C	
	Standing losses @ 60°C	kWh/24h	1.8	
	Max operating pressure	Bar	10	
	Immersion heater	kW	-	
	Hydraulic characteristics	Available back up heater	kW	6
		Water connections DHW	inch	G 3/4" (female)
Water connections space heating		inch	G 1" (female)	
Minimum water volume		litres	20	
Minimum flow rate		l/min	22	
Power supply		V	1-phase / 230V / 50Hz	
Back-up heater	3kW/6kW 1ph 230V	A	20	
fuse rating				

### Accessories:

Accessory Ref	Description	Trade Price
BRC1HHDW	Madoka Heating - White	£92.00
BRC1HHD5	Madoka Heating - Silver	£92.00
BRC1HHDK	Madoka Heating - Black	£92.00
EKRELSG	Smart grid relay kit (high voltage)	£81.00
EKPCCAB4	PC cable – to upload field settings from PC to unit	£237.00
EKRSC1	Optional remote temperature sensor for outdoor unit*	£78.00
KRCS01-1	Optional remote temperature sensor for indoor unit*	£59.00
EKRP1HBA	Optional PCB kit for remote alarm monitoring, run and fault indication and bivalent operation	£135.00
EKRP1AHT	Optional PCB for upto 4 digital inputs for power limitation	£135.00
UK.FF600H150	Pair of flexi-feet for mounting outdoor unit, 150mm tall**	£71.00
UK.CBR2XXL-B	Wall bracket for outdoor unit (250 Kg, 780mm long arm, 2 arms, black)	£121.00
UK.CBR2XXL	Wall bracket for outdoor unit (250 Kg, 780mm long arm, 2 arms, ivory white)	£149.00
UK.DT4	Condensate drip tray (1420 x 500 x 50mm)	£105.00
K.DTFB	Floor bracket kit to mount drip tray to pair flexi feet or wall bracket	£51.00
EKUMBPART	Third party tank connection kit for dry pocket (contains 3 way valve, tank sensor and contactor)	£231.00

Accessory Ref	Description	Trade Price
BRP069A78	Daikin ONECTA App WLAN SD Card (See note)	£31.00
BRP069A71	Daikin ONECTA App (See note)	£35.00
K.FERNOXTF1	Fernox magnetic filter 1"	£120.00
K.FERNOXTF1FL	Fernox magnetic filter 1" and F1 inhibitor fluid (500ml)	£141.00
K.ELECMETV	<b>Electric meter for domestic RHI - Single-phase (Metering for performance compliant)</b> MID Class A electric meter to measure the electricity consumption of the Daikin Altherma heat pump	£141.00
K.ELECMETW	<b>Electric meter for domestic RHI - Three-phase (Metering for performance compliant)</b> MID Class A electric meter to measure the electricity consumption of the Daikin Altherma heat pump	£254.00
EKCC8-W	Sequence Controller	£835.00
DCOM-LT/IO	Daikin Altherma I/O (Sequence Controller/Voltage/Resistance/Smart Grid) Gateway	£260.00
DCOM-LT/MB	Daikin Altherma Modbus Gateway	£266.00
EKUHWG3D	G3 Kit (must be ordered separately)	£170.00

### Notes:

- i) \* Only one optional remote sensor can be installed. Sensor connects to indoor unit
- ii) \*\* Recommended to achieve minimum outdoor unit ground clearance of 150mm
- iii) SD Card BRP069A78 must be purchased for the WLAN/Cloud connectivity. BRP069A71 has the same functionality but will only be required in case of bad connectivity in location of the indoor unit
- iv) Please note that due to the regulations around the use of R32, where the refrigerant charge in the system is  $\geq 1.84$  kg, you need to ensure that the requirements on the minimum floor area are met for the indoor unit's installation. Please contact your local pre sales technical team who will calculate this by using a tool. Please note that there are no requirements for the minimum floor area, if a chimney is installed on the indoor unit and directed outside the building.

# Daikin Altherma 3

## H-Split (R32) Heat Pump System 11-16 Class



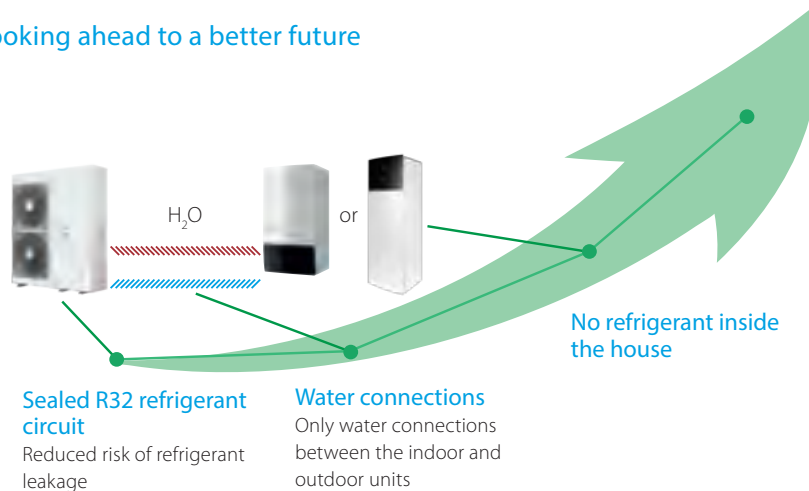
**BLUEVOLUTION**

### Powered by Bluevolution with R32

Bluevolution technology combines highly efficient compressor technology developed by Daikin together with the future of refrigerants: R32

### The hydrosplit concept

#### Looking ahead to a better future



#### With R32, the future is now

Pioneers in the use of R32 in air-to-water heat pumps, Daikin places an absolute priority on reduction of our environmental impact.

## Hydrosplit delivers safety and efficiency

### Leaving water temperature

With a leaving water temperature of 60 °C at -10 °C outside, the Daikin Altherma 3 H-Split heat pump is perfect for:

- › New build applications using underfloor heating
- › Renovation applications using radiators

### Energy performance

Using R32, the heat pump reaches the highest energy performances represented by the energy labels.

### Indoor units designed for flexibility and ease of installation

- › Modern design to blend in with surroundings
- › Stylish on-board graphic controls with remote access options
- › Setup wizard for rapid commissioning
- › Front access to electrical and hydronic components for ease of installation
- › Integrated back-up heater in 6 or 9kW
- › Combine with heat pump convectors or underfloor heating
- › For hot water solutions, the wall hung unit combines with Daikin hot water tanks

### Higher capacity at low ambient temperatures

- › Equipped with a new gas injection compressor designed to operate down to -28°C outside air temperature
- › Significantly improved capacity at low ambient temperatures, with a 35% increase at -7°C compared to its predecessor

### Low sound mode

For more sensitive urban areas, a low sound mode reduces the sound level by -3 dB(A)

### Available in heating only (EABH-D and EAVH-D) and reversible (EABX-D) models

Daikin Altherma 3 H-Split operates in a single mode, or combination of modes:

- › Domestic hot water
- › Heating
- › Cooling
- › Heating and cooling (wall hung only)

**R-32** BLUEEVOLUTION

## Single Phase EPGA-DV

# Low Temperature H-Split (R32) Heat Pump (11-16 Class)



Outdoor Units			Single Phase		
			EPGA11DV7	EPGA14DV7	EPGA16DV7
Description			Class 11	Class 14	Class 16
Trade Unit Price			£3,186.00	£3,710.00	£4,050.00
Dimensions	Height x Width x Depth	mm	1440 x 1160 x 380	1440 x 1160 x 380	1440 x 1160 x 380
Weight		kg	143	143	143
Nominal capacity	Heating (a/b)	kW	11.10 / 11.30	14.50 / 14.50	16.50 / 15.60
	Cooling (c/d)	kW	10.50 / 10.70	11.10 / 11.90	13.50 / 11.90
Nominal input	Heating (a/b)	kW	2.16 / 2.91	2.91 / 3.96	3.45 / 4.21
	Cooling (c/d)	kW	2.21 / 3.30	2.72 / 3.97	3.42 / 3.97
Seasonal space heating efficiency*	Space heating (Average climate) 35°C	Class	A++	A+++	A+++
		Efficiency	175	178	182
		SCOP	4.44	4.51	4.61
	Space heating (Average climate) 55°C	Class	A++	A++	A++
		Efficiency	130	132	134
		SCOP	3.32	3.37	3.43
COP	Heating (a/b)		5.15 / 3.88	4.99 / 3.65	4.78 / 3.71
EER	Cooling (c/d)		4.75 / 3.23	4.09 / 2.99	3.94 / 2.99
Operation range	Heating	°C	-28 to +35	-28 to +35	-28 to +35
	Cooling	°C	+10 to +43	+10 to +43	+10 to +43
	Domestic Hot water	°C	-28 to +35	-28 to +35	-28 to +35
Sound pressure / power level	Heating	dB(A)	48 / 64	49 / 64	52 / 66
	Cooling	dB(A)	55 / 68	55 / 68	55 / 68
Refrigerant charge	R-32	kg	3.5	3.5	3.5
Water Connections (Diameter)		inch	1" (Male)	1" (Male)	1" (Male)
Maximum piping length OU to IU <sup>[1]</sup>		m	10 <sup>[1]</sup>	10 <sup>[1]</sup>	10 <sup>[1]</sup>
Power supply			1-phase / 230V / 50Hz	1-phase / 230V / 50Hz	1-phase / 230V / 50Hz
Recommended fuses		A	32	32	32
SAP ID (Heating only combination)	55°C/45°C/35°C		TBC	TBC	TBC
SAP ID (Reversible combination)	55°C/45°C/35°C		TBC	TBC	TBC
SAP ID (Integrated combination 180L)	55°C/45°C/35°C		TBC	TBC	TBC
SAP ID (Integrated combination 230L)	55°C/45°C/35°C		TBC	TBC	TBC

Nominal capacity and nominal input tested according to EN 14511

Heating (a): Ambient air temperature 7°CDB and leaving water temperature 35°C (A7/W35). Heating (b): Ambient air temperature 7°CDB and leaving water temperature 45°C (A7/W45)

Cooling (c): Ambient air temperature 35°C and leaving water temperature 18°C (A35/W18). Cooling (d): Ambient air temperature 35°C and leaving water temperature 7°C (A35/W7)

Sound pressure / power measured according to EN 12102 under conditions of EN 14825

<sup>[1]</sup> Spare pump capacity can be utilised to extend the interconnecting pipe length. All design parameters must be known to calculate longer pipe lengths.



Heating and Cooling EABH(X)-D

# Low Temperature H-Split (R32) Heat Pump (Wall Hung)



Indoor Unit (wall hung)			Single Phase			
			EABH16D6V7	EABH16D9W7	EABX16D6V7	EABX16D9W7
<b>Trade Unit Price</b>			<b>£2,369.00</b>	<b>£2,704.00</b>	<b>£2,763.00</b>	<b>£2,867.00</b>
<b>Compatible outdoor unit</b>			<b>EPGA11-16DV7</b>	<b>EPGA11-16DV8</b>	<b>EPGA11-16DV9</b>	<b>EPGA11-16DV10</b>
<b>User interface (Must be ordered separately)</b>			<b>BRC1HHD(W/S/K)</b>	<b>BRC1HHD(W/S/K)</b>	<b>BRC1HHD(W/S/K)</b>	<b>BRC1HHD(W/S/K)</b>
Function			Heating Only	Heating Only	Reversible	Reversible
Dimensions	H x W x D	mm	840 x 440 x 390	840 x 440 x 390	840 x 440 x 390	840 x 440 x 390
Leaving water temperature range	Heating	°C	+18 to +65	+18 to +65	+18 to +65	+18 to +65
	Cooling	°C	-	-	+5 to +22	+5 to +22
Pump	No. of speeds		Inverter controlled	Inverter controlled	Inverter controlled	Inverter controlled
Expansion vessel volume		litres	10	10	10	10
Minimum water volume		litres	20	20	20	20
Minimum flow rate		l/min	20	20	20	20
Water connections		Inch	1" (female)	1" (female)	1" (female)	1" (female)
Back-up heater fuse rating	6kW 1ph 230V	A	32	-	32	-
	9kW 3ph 400V	A	-	16	-	16

Notes: i) Back-up heaters are three step control, 1 phase 2-4-6 kW and 3 phase 3-6-9 kW  
 These systems will change to EABH-D6V7/D9W7 beginning of 2022. The performance will remain the same however the SAP ID for the new range of these products will be different.

### Accessories:

Accessory Ref	Description	Trade Price
BRC1HHDW	Madoka Heating - White	£92.00
BRC1HHD5	Madoka Heating - Silver	£92.00
BRC1HHDK	Madoka Heating - Black	£92.00
AFVALVE1	Anti-freeze valve for glycol free systems (two required per heat pump)	£100.00
EKPCCAB4	PC cable – to upload field settings from PC to unit	£237.00
EKRSC1	Optional remote temperature sensor for outdoor unit*	£78.00
KRCS01-1	Optional remote temperature sensor for indoor unit*	£59.00
EKR1HBA	Optional PCB kit for remote alarm monitoring, run and fault indication, solar interlock for heat pump and bivalent operation	£135.00
UK.FF600S1503	Three flexi-feet, height 150mm, to mount the outdoor unit	£110.00
UK.DT5	Condensate drip tray (1400 x 400 x 50mm)	£86.00
UK.CWBXL3A	Wall bracket for outdoor unit (250kg, 660mm long, 3 arms, ivory)	£137.00
UK.DTFB3	Floor bracket kit to mount drip tray for 3 flexi-feet or wall bracket	£80.00
K.HOSE750	Pair of flexible hoses (Length 750mm, 19mm tough PVC coated insulation, 1" FBSP x 28mm compression)	£87.00
K.HOSE750EL	Pair of flexible hoses with elbow (Length 750mm, 19mm tough PVC coated insulation, 1" FBSP x 28mm compression)	£125.00
BRP069A62	Daikin ONECTA App	£157.00
EKUMBPART	Third party tank connection kit - Dry pocket sensor	£231.00
K.ELECMETV	<b>Electric meter for domestic RHI - Single-phase (Metering for performance compliant)</b> MID Class A electric meter to measure the electricity consumption of the Daikin Altherma heat pump	£141.00
K.ELECMETW	<b>Electric meter for domestic RHI - Three-phase (Metering for performance compliant)</b> MID Class A electric meter to measure the electricity consumption of the Daikin Altherma heat pump	£254.00
EKUHWG3D	G3 Kit (must be ordered separately)	£170.00
EKCC8-W	Sequence Controller	£835.00
DCOM-LT/IO	Daikin Altherma I/O (Sequence Controller/Voltage/Resistance/Smart Grid) Gateway	£266.00
DCOM-LT/MB	Daikin Altherma Modbus Gateway	£260.00

### Notes:

- i) \* Only one optional remote sensor can be installed. Sensor connects to indoor unit.
- ii) For compatible cylinders, see page 31.
- iii) Outdoor unit requires mounting on three flexi-feet.
- vi) \*\* Recommended to achieve minimum outdoor unit ground clearance of 150mm.

**R-32** BLUEEVOLUTION

Heating EAVH-SU-D

## Low Temperature H-Split (R32) Heat Pump (Integrated)



Indoor Unit (floor standing)			Single Phase	
			EAVH16SU18D6V7	EAVH16SU23D6V7
<b>Trade Unit Price</b>			<b>£4,056.00</b>	<b>£4,135.00</b>
<b>Compatible outdoor unit</b>			<b>EPGA11/14/16DV</b>	<b>EPGA11/14/16DV</b>
<b>User interface (must be ordered separately)</b>			<b>BRC1HHD(W/S/K)</b>	<b>BRC1HHD(W/S/K)</b>
<b>G3 Kit (must be ordered separately)</b>			<b>EKUHWG3D</b>	<b>EKUHWG3D</b>
Function			Heating only	Heating only
Casing			White	White
Colour			White	White
Material			Resin + Sheet Metal	Resin + Sheet Metal
Dimensions	Height x Width x Depth	mm	1,650 x 595 x 625	1,850 x 595 x 625
Weight	Unit / Packed Unit	kg	109 / 126	118 / 135
Operating range	Heating	Min-Max.	15°C - 60°C	15°C - 60°C
		Max.	60°C <sup>[1]</sup>	60°C <sup>[1]</sup>
Sound power level	Nom.	dBA	44	44
Sound pressure level	Nom.	dBA	30	30
Tank	Water Volume	Litres	180	230
	Maximum water pressure	bar	10	10
Material			Stainless steel (EN 1.4521)	Stainless steel (EN 1.4521)
Load profile EN16147			L	XL
Standing heat loss			56	73
Energy efficiency rating			A	A
Standing heat loss @ 45K dT			1.4	1.8
Hydraulic characteristics	Water connections Indoor/outdoor	inch	G 1" (female)	G 1" (female)
	Water connections DHW / Recirc	Inch	G 3/4" (female)	G 3/4" (female)
	Water connections Space heating	inch	G 1" (female)	G 1" (female)
Minimum water volume		litres	20	20
Minimum flow rate		l/min	20	20
Backup heater power supply <sup>[2]</sup>	Phase		1~ / 3~	1~ / 3~
	Frequency	Hz	50	50
	Voltage	V	230	230
	Maximum capacity	kW	6 (2 step) <sup>[3]</sup>	6 (2 step) <sup>[3]</sup>
	Maximum running current	A	26	26
	Recommended fuse rating	A	20 <sup>[4]</sup>	20 <sup>[4]</sup>

[1] Tank temperature up to 75°C possible with booster heater only operation (if available in the system).

[2] Power supply is for backup heater only. Indoor unit switch box and circulation pump are supplied via the outdoor unit.

[3] Backup heater steps electronically setup on the indoor unit interface.

[4] 4 pole 20A curve 400V tripping class C (refer to wiring diagram).

# Daikin Altherma 3

## H HT (R32) Heat Pump System 8 -18 class

The Daikin Altherma 3 H HT is the first Daikin outdoor unit with a distinctive new design. The single fan reduces noise levels, while the black front grill blends into any setting.

The Daikin Altherma 3 H HT is the pinnacle of acoustic comfort and heating performance, thanks to the latest design developments. Several major components have been enhanced to achieve this excellence - such as a double injection compressor and a single fan even on large capacity units - all wrapped up in a brand-new casing.

The H HT High Temperature Heat Pump is now available with the wall mounted and integrated floor-standing indoor unit options.

### BLUEVOLUTION



### Daikin wall mounted unit

The Daikin Altherma 3 split wall mounted unit offers heating and cooling with optimum flexibility for a quick and easy installation.

### High flexibility for installation and domestic hot water connection

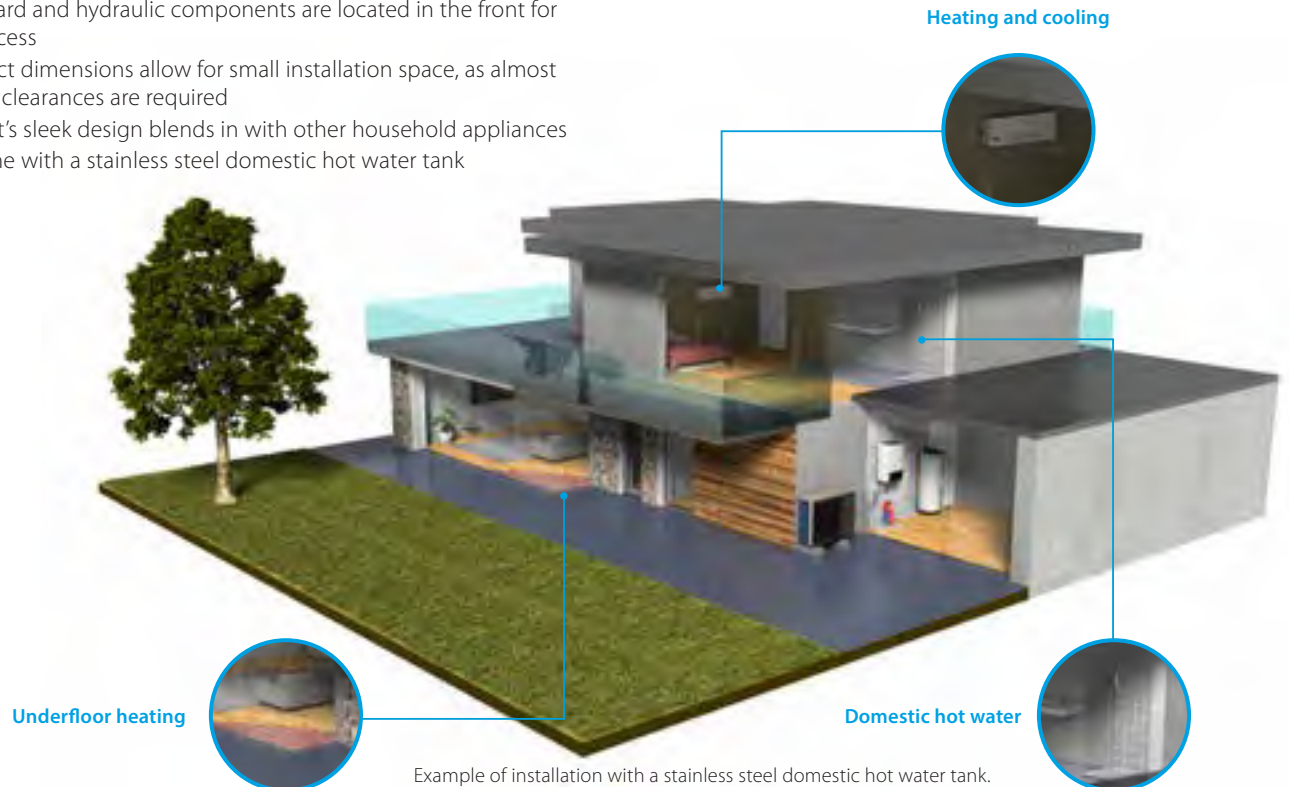
- › Inclusion of all hydraulic components means no third party components are required
- › PCB board and hydraulic components are located in the front for easy access
- › Compact dimensions allow for small installation space, as almost no side clearances are required
- › The unit's sleek design blends in with other household appliances
- › Combine with a stainless steel domestic hot water tank

### Daikin floor standing unit

The Daikin Altherma floor standing unit delivers heating and domestic hot water all in one integrated system.

### All-in-one system to save installation space and time

- › Reduced footprint 595 x 600 mm
- › 180 or 230 litre tank options
- › All hydraulic components on top for easy installation and maintenance
- › Black top high-resolution MMI controller [User Interface] and Daikin Eye to show status
- › WLAN SD card supplied as standard for the Residential Control App as well as Cloud Interface
- › Smart Grid Ready



**R-32** BLUEEVOLUTION

Single Phase / Three Phase EPRA-EV3/W1

# Daikin Altherma 3 H HT Heat Pump (8-12 Class)



Outdoor Units			Single Phase			Three Phase		
			EPRA08EV3	EPRA10EV3	EPRA12EV3	EPRA08EW1	EPRA10EW1	EPRA12EW1
Description			Class 8	Class 10	Class 12	Class 8	Class 10	Class 12
Trade Unit Price			£3,724	£4,015	£4,320	£3,910	£4,216	£4,536
Dimensions <sup>[1]</sup>	Height x Width x Depth	mm	990 x 1270 x 460	990 x 1270 x 460	990 x 1270 x 460	990 x 1270 x 460	990 x 1270 x 460	990 x 1270 x 460
Weight		kg	118	118	118	118	118	118
Nominal capacity	Heating (a/b)	kW	8.71/8.68	9.38/10.03	9.77/10.85	8.71/8.68	9.38/10.03	9.77/10.85
	Cooling (c/d)	kW	10.33/7.89	11.77/7.97	12.66/8.62	10.89/7.33	11.77/7.97	12.66/8.62
Nominal input	Heating (a/b)	kW	3.68/4.41	4.10/5.29	4.36/5.77	3.54/4.33	3.94/5.08	4.19/5.56
	Cooling (c/d)	kW	2.37/2.50	2.86/2.66	3.27/2.97	2.41/2.29	2.76/2.57	3.15/2.87
Seasonal space heating efficiency (Heating Only Indoor Unit)	Space heating (Average climate) 35°C	Class	A+++	A+++	A+++	A+++	A+++	A+++
		Efficiency	184	186	186	190	191	191
		SCOP	4.69	4.71	4.71	4.81	4.84	4.84
	Space heating (Average climate) 55°C	Class	A++	A++	A++	A++	A++	A++
		Efficiency	134	134	134	138	138	138
		SCOP	3.41	3.43	3.43	3.52	3.53	3.53
Seasonal space heating efficiency (Reversible Indoor Unit)	Space heating (Average climate) 35°C	Class	A+++	A+++	A+++	A+++	A+++	A+++
		Efficiency	188	190	190	195	196	196
		SCOP	4.79	4.82	4.82	4.95	4.98	4.98
	Space heating (Average climate) 55°C	Class	A++	A++	A++	A++	A++	A++
		Efficiency	136	136	136	141	141	141
		SCOP	3.47	3.48	3.48	3.59	3.60	3.60
COP	Heating (e/f)		4.92	4.92	4.92	5.10	5.10	5.10
EER	Cooling (c/d)		3.00 / 5.56	3 / 5.56	2.96 / 5.56	3.28 / 5.75	3.10 / 5.75	3.01 / 5.75
Operation range	Heating	°C	-28 to +25	-28 to +25	-28 to +25	-28 to +25	-28 to +25	-28 to +25
	Cooling	°C	+10 to +43	+10 to +43	+10 to +43	+10 to +43	+10 to +43	+10 to +43
	Domestic Hot water	°C	-28 to +35	-28 to +35	-28 to +35	-28 to +35	-28 to +35	-28 to +35
Sound pressure / power level	Heating	dB(A)	40.6 / 54.0	40.6 / 54.0	40.6 / 54.0	40.6 / 54.0	40.6 / 54.0	40.6 / 54
	Cooling	dB(A)	47.4 / 60.6	48.5 / 61.5	47.0 / 60.1	47.4 / 60.6	48.5 / 61.5	48.5 / 61.5
Refrigerant charge	R-32	kg	3.25	3.25	3.25	3.25	3.25	3.25
Water Connections (Diameter)		inch	1" (Male)	1" (Male)	1" (Male)	1" (Male)	1" (Male)	1" (Male)
Piping length OU to IU <sup>[2]</sup>		m	10 <sup>[2]</sup>	10 <sup>[2]</sup>	10 <sup>[2]</sup>	10 <sup>[2]</sup>	10 <sup>[2]</sup>	10 <sup>[2]</sup>
Power supply			1-phase / 230V / 50Hz	1-phase / 230V / 50Hz	1-phase / 230V / 50Hz	3-phase / 400V / 50Hz	3-phase / 400V / 50Hz	3-phase / 400V / 50Hz
Recommended fuses		A	32	32	32	16	16	16

Nominal capacity and nominal input tested according to EN 14511

Heating (a): Ambient air temperature -2°CDB and leaving water temperature 55°C (A-2/W55). Heating (b): Ambient air temperature -2°CDB and leaving water temperature 65°C (A-2/W65)

Cooling (c): Ambient air temperature 35°C and leaving water temperature 18°C (A35/W18). Cooling (d): Ambient air temperature 35°C and leaving water temperature 7°C (A35/W7)

Heating (e): Ambient air temperature 7°CDB and leaving water temperature 35°C (A7/W35). Heating (f): Ambient air temperature 7°CDB and leaving water temperature 45°C (A7/W45)

Sound pressure / power measured according to EN 12102 under conditions of EN 14825

<sup>[1]</sup> Excludes aesthetic grill<sup>[2]</sup> Spare pump capacity can be utilised to extend the interconnecting pipe length using the Daikin HSN pipe sizing tool.

Heating and Cooling ETBH(X)-E

# Daikin Altherma 3 H HT Heat Pump (Wall Hung)



Indoor Unit (wall hung)			Heating Only		Heating and Cooling	
			ETBH12E6V	ETBH12E9W	ETBX12E6V	ETBX12E9W
<b>Trade Unit Price</b>			<b>£1,791</b>	<b>£1,868</b>	<b>£1,791</b>	<b>£1,868</b>
<b>Compatible outdoor unit</b>			<b>EPRA08-12EV/EW1</b>	<b>EPRA08-12EV/EW1</b>	<b>EPRA08-12EV/EW1</b>	<b>EPRA08-12EV/EW1</b>
<b>Compatible DHW Cylinders</b>			<b>EKHWSU-D</b>	<b>EKHWSU-D</b>	<b>EKHWSU-D</b>	<b>EKHWSU-D</b>
<b>User interface (Must be ordered separately)</b>			<b>BRC1HHD(W/S/K)</b>	<b>BRC1HHD(W/S/K)</b>	<b>BRC1HHD(W/S/K)</b>	<b>BRC1HHD(W/S/K)</b>
Function			Heating Only	Heating Only	Reversible	Reversible
Dimensions	Height x Width x Depth	mm	840 x 440 x 390	840 x 440 x 390	840 x 440 x 390	840 x 440 x 390
Operating range	Heating	°C	+18 to +65	+18 to +65	+18 to +65	+18 to +65
	Cooling	°C	-	-	+5 to +25	+5 to +25
	Domestic hot water <sup>[1]</sup>	°C	+10 to 75	+10 to 75	+10 to 75	+10 to 75
Pump	No. of speeds		Inverter controlled	Inverter controlled	Inverter controlled	Inverter controlled
Expansion vessel volume		litres	10	10	10	10
Minimum water volume		litres	20	20	20	20
Minimum flow rate		l/min	20	20	20	20
Water connections		inch	1" (female)	1" (female)	1" (female)	1" (female)
Backup heater power supply <sup>[2]</sup>	Phase		1~ / 3~	3~	1~ / 3~	3~
	Frequency	Hz	50	50	50	50
	Voltage	V	230	400	230	400
	Maximum capacity <sup>[3]</sup>	kW	6 (2 step)	9 (2 step)	6 (2 step)	9 (2 step)
	Maximum running current	A	26	13	26	13
	Recommended fuse rating <sup>[4]</sup>	A	20	20	20	20

[1] Tank temperature up to 75°C possible with backup heater only operation (or booster, if available in the system).

[2] Power supply is for backup heater only. Indoor unit switch box and circulation pump are supplied via the outdoor unit.

[3] Backup heater steps electronically setup on the indoor unit interface.

[4] 4 pole 20A curve 400V tripping class C (refer to wiring diagram)

Notes:

- i) \* Only one optional remote sensor can be installed. Sensor connects to indoor unit.
- ii) \*\* Recommended to achieve minimum outdoor unit ground clearance of 150mm.
- iii) SD Card BRP069A78 is supplied as standard. This option will only be required in case of bad connectivity in location of the indoor unit

Accessories:

Accessory Ref	Description	Trade Price
BRC1HHDW	Madoka Heating - White	£92.00
BRC1HHDS	Madoka Heating - Silver	£92.00
BRC1HHDK	Madoka Heating - Black	£92.00
EKRELSG	Smart grid relay kit (high voltage)	£81.00
AFVALVE1	Anti-freeze valve for glycol free systems (two required per heat pump)	£100.00
EKPCAB4	PC cable – to upload field settings from PC to unit	£237.00
EKRSC1	Optional remote temperature sensor for outdoor unit*	£78.00
KRCS01-1	Optional remote temperature sensor for indoor unit*	£59.00
EKR1HBA	Optional PCB kit for remote alarm monitoring, run and fault indication and bivalent operation	£135.00
EKR1AHT	Optional PCB for upto 4 digital inputs for power limitation	£135.00
UK.FF600H150	Pair of flexi-feet for mounting outdoor unit, 150mm tall**	£71.00
UK.CBR2XXL-B	Wall bracket for outdoor unit (250 Kg, 780mm long arm, 2 arms, black)	£121.00
UK.CBR2XXL	Wall bracket for outdoor unit (250 Kg, 780mm long arm, 2 arms, ivory white)	£149.00
UK.DT4	Condensate drip tray (1420 x 500 x 50mm)	£105.00
K.DTFB	Floor bracket kit to mount drip tray to pair flexi feet or wall bracket	£51.00
K.HOSE750	Pair of flexible hoses (Length 750mm, 19mm tough PVC coated insulation, 1" FBSP x 28mm compression)	£87.00

Accessory Ref	Description	Trade Price
K.HOSE750EL	Pair of flexible hoses with elbow (Length 750mm, 19mm tough PVC coated insulation, 1" FBSP x 28mm compression)	£125.00
EKUMBPART	Third party tank connection kit for dry pocket (contains 3 way valve, tank sensor and contactor)	£231.00
BRP069A71	Daikin ONECTA App (See note)	£35.00
K.ELECMETV	<b>Electric meter for domestic RHI - Single-phase (Metering for performance compliant)</b> MID Class A electric meter to measure the electricity consumption of the Daikin Altherma heat pump	£141.00
K.ELECMETW	<b>Electric meter for domestic RHI - Three-phase (Metering for performance compliant)</b> MID Class A electric meter to measure the electricity consumption of the Daikin Altherma heat pump	£254.00
EKCC8-W	Sequence Controller	£835.00
DCOM-LT/IO	Daikin Altherma I/O (Sequence Controller/Voltage/Resistance/Smart Grid) Gateway	£266.00
DCOM-LT/MB	Daikin Altherma Modbus Gateway	£260.00



**R-32** BLUEEVOLUTION**NEW** Heating ETVH-E

## High Temperature H-Split (R32) Heat Pump (Integrated)



Indoor Units (Floor Standing)			Single Phase	
			ETVH12SU18E6V	ETVH12SU23E6V
Trade Unit Price			£3,045.00	£3,105.00
Compatible outdoor unit			EPRA08-12EV/EW1	EPRA08-12EV/EW1
User interface (must be ordered separately)			BRC1HHD(W/S/K)	BRC1HHD(W/S/K)
G3 Kit (must be ordered separately)			EKUHWG3D	EKUHWG3D
Function			Heating only	Heating only
Casing	Colour		White	White
	Material		Resin + Sheet Metal	Resin + Sheet Metal
Dimensions	Height x Width x Depth	mm	1,650 x 595 x 625	1,850 x 595 x 625
Weight	Unit / Packed Unit	kg	108 / 127	117 / 136
Operating range	Heating	Min-Max.	10°C - 65°C	10°C - 65°C
	DHW	Max.	65°C(1)	65°C(1)
Sound power level	Nom.	dB(A)	44	44
Sound pressure level	Nom.	dB(A)	30	30
Tank	Water Volume	Litres	180	230
	Maximum water pressure	bar	10	10
	Material		Stainless steel (EN 1.4521)	Stainless steel (EN 1.4521)
	Load profile EN16147		L	XL
	Standing heat loss	W	56	73
	Energy efficiency rating		B	C
	Standing heat loss @ 45K dT	kWh/24h	1.4	1.8
Hydraulic characteristics	Water connections Indoor / outdoor	inch	G 1" (female)	G 1" (female)
	Water connections DHW / Recirc	inch	G 3/4" (female)	G 3/4" (female)
	Water connections Space heating	inch	G 1" (female)	G 1" (female)
Minimum water volume		litres	20	20
Minimum flow rate		l/min	20	20
Backup heater power supply <sup>[2]</sup>	Phase		1~ / 3~	1~ / 3~
	Frequency	Hz	50	50
	Voltage	V	230	230
	Maximum capacity	kW	6 (2 step) <sup>[3]</sup>	6 (2 step) <sup>[3]</sup>
	Maximum running current	A	26	26
	Recommended fuse rating	A	20 <sup>[4]</sup>	20 <sup>[4]</sup>

[1] Tank temperature up to 75°C possible with booster heater only operation (if available in the system).

[2] Power supply is for backup heater only. Indoor unit switch box and circulation pump are supplied via the outdoor unit.

[3] Backup heater steps electronically setup on the indoor unit interface.

[4] 4 pole 20A curve 400V tripping class C (refer to wiring diagram)

Single Phase / Three Phase EPRA-DV37/W17

# Daikin Altherma 3 H HT Heat Pump (14-18 Class)



Outdoor Units			Single Phase			Three Phase		
			EPRA14DV37	EPRA16DV37	EPRA18DV37	EPRA14DW17	EPRA16DW17	EPRA18DW17
Description			Class 14	Class 16	Class 18	Class 14	Class 16	Class 18
Trade Unit Price			£4,528.00	£4,961.00	£5,513.00	£4,761.00	£5,195.00	£5,751.00
Dimensions <sup>[1]</sup>	Height x Width x Depth	mm	990 x 1270 x 460	990 x 1270 x 460	990 x 1270 x 460	990 x 1270 x 460	990 x 1270 x 460	990 x 1270 x 460
Weight		kg	146	146	146	151	151	151
Nominal capacity	Heating (a/b)	kW	10.17 / 10.12	11.57 / 11.51	12.11 / 12.04	10.39 / 10.26	11.82 / 11.67	12.37 / 12.21
	Cooling (c/d)	kW	10.55 / 6.90	11.51 / 7.88	12.46 / 8.86	10.55 / 6.90	11.51 / 7.88	12.46 / 8.86
Seasonal space heating efficiency (Heating Only Indoor Unit)	Space heating (Average climate) 35°C	Class	A+++	A+++	A+++	A+++	A+++	A+++
		Efficiency	177	177	177	186	186	186
		SCOP	4.51	4.51	4.51	4.71	4.71	4.71
	Space heating (Average climate) 55°C	Class	A++	A++	A++	A++	A++	A++
		Efficiency	140	140	140	140	140	140
		SCOP	3.58	3.58	3.58	3.57	3.57	3.57
Seasonal space heating efficiency (Reversible Indoor Unit)	Space heating (Average climate) 35°C	Class	A+++	A+++	A+++	A+++	A+++	A+++
		Efficiency	180	180	180	180	180	180
		SCOP	4.57	4.57	4.57	4.57	4.57	4.57
	Space heating (Average climate) 55°C	Class	A++	A++	A++	A++	A++	A++
		Efficiency	142	142	142	142	142	142
		SCOP	3.62	3.62	3.62	3.63	3.63	3.63
COP	Heating (e/f)		4.86 / 3.70	4.86 / 3.70	4.86 / 3.70	4.50 / 3.56	4.50 / 3.56	4.50 / 3.56
EER	Cooling (c/d)		4.13 / 2.70	4.11 / 2.69	4.09 / 2.68	4.13 / 2.70	4.11 / 2.69	4.09 / 2.68
Operation range	Heating	°C	-28 to +35	-28 to +35	-28 to +35	-28 to +35	-28 to +35	-28 to +35
	Cooling	°C	+10 to +43	+10 to +43	+10 to +43	+10 to +43	+10 to +43	+10 to +43
	Domestic Hot water	°C	-28 to +35	-28 to +35	-28 to +35	-28 to +35	-28 to +35	-28 to +35
Sound pressure / power level	Heating	dBA	43 / 54	44 / 54	48 / 54	43 / 54	43 / 54	48 / 54
	Cooling	dBA	43 / 54	44 / 54	48 / 54	43 / 54	43 / 54	48 / 54
Refrigerant charge	R-32	kg	4.2	4.2	4.2	4.2	4.2	4.2
Water Connections (Diameter)		inch	1" (Male)	1" (Male)	1" (Male)	1" (Male)	1" (Male)	1" (Male)
Piping length OU to IU <sup>[2]</sup>		m	10 <sup>[2]</sup>	10 <sup>[2]</sup>	10 <sup>[2]</sup>	10 <sup>[2]</sup>	10 <sup>[2]</sup>	10 <sup>[2]</sup>
Power supply			1-phase / 230V / 50Hz	1-phase / 230V / 50Hz	1-phase / 230V / 50Hz	3-phase / 400V / 50Hz	3-phase / 400V / 50Hz	3-phase / 400V / 50Hz
Recommended fuses		A	32	32	32	16	16	16

Nominal capacity and nominal input tested according to EN 14511

Heating (a): Ambient air temperature -2°CDB and leaving water temperature 55°C (A-2/W55). Heating (b): Ambient air temperature -2°CDB and leaving water temperature 65°C (A-2/W65)

Cooling (c): Ambient air temperature 35°C and leaving water temperature 18°C (A35/W18). Cooling (d): Ambient air temperature 35°C and leaving water temperature 7°C (A35/W7)

Heating (e): Ambient air temperature 7°CDB and leaving water temperature 35°C (A7/W35). Heating (f): Ambient air temperature 7°CDB and leaving water temperature 45°C (A7/W45)

Sound pressure / power measured according to EN 12102 under conditions of EN 14825

<sup>[1]</sup> Excludes aesthetic grill

<sup>[2]</sup> Spare pump capacity can be utilised to extend the interconnecting pipe length using the Daikin HSN pipe sizing tool.

**R-32** BLUEEVOLUTION

Heating and Cooling ETBH(X)-E

# Daikin Altherma 3 H HT Heat Pump (Wall Hung)



Indoor Unit (wall hung)			Heating Only		Heating and Cooling	
			ETBH16E6V7	ETBH16E9W7	ETBX16E6V7	ETBX16E9W7
Trade Unit Price			£1,885.00	£1,967.00	£2,233.00	£2,319.00
Compatible outdoor unit			EPRA14-18DV37/DW17	EPRA14-18DV37/DW17	EPRA14-18DV37/DW17	EPRA14-18DV37/DW17
Compatible DHW Cylinders			EKHWSU-D	EKHWSU-D	EKHWSU-D	EKHWSU-D
User interface (Must be ordered separately)			BRC1HHD(W/S/K)	BRC1HHD(W/S/K)	BRC1HHD(W/S/K)	BRC1HHD(W/S/K)
Function			Heating Only	Heating Only	Reversible	Reversible
Dimensions	Height x Width x Depth	mm	840 x 440 x 390	840 x 440 x 390	840 x 440 x 390	840 x 440 x 390
Operating range	Heating	°C	+18 to +70	+18 to +70	+18 to +70	+18 to +70
	Cooling	°C	-	-	+5 to +25	+5 to +25
	Domestic hot water <sup>[1]</sup>	°C	+10 to 75	+10 to 75	+10 to 75	+10 to 75
Pump	No. of speeds		Inverter controlled	Inverter controlled	Inverter controlled	Inverter controlled
Expansion vessel volume		litres	10	10	10	10
Minimum water volume		litres	20	20	20	20
Minimum flow rate		l/min	25	25	25	25
Water connections		inch	1" (female)	1" (female)	1" (female)	1" (female)
Backup heater power supply <sup>[2]</sup>	Phase		1~ / 3~	3~	1~ / 3~	3~
	Frequency	Hz	50	50	50	50
	Voltage	V	230	400	230	400
	Maximum capacity <sup>[3]</sup>	kW	6 (2 step)	9 (2 step)	6 (2 step)	9 (2 step)
	Maximum running current	A	26	13	26	13
	Recommended fuse rating <sup>[4]</sup>	A	20	20	20	20

[1] Tank temperature up to 75°C possible with backup heater only operation (or booster, if available in the system).

[2] Power supply is for backup heater only. Indoor unit switch box and circulation pump are supplied via the outdoor unit.

[3] Backup heater steps electronically setup on the indoor unit interface.

[4] 4 pole 20A curve 400V tripping class C (refer to wiring diagram)

## Notes:

- i) \* Only one optional remote sensor can be installed. Sensor connects to indoor unit.
- ii) \*\* Recommended to achieve minimum outdoor unit ground clearance of 150mm.
- iii) SD Card BRP069A78 is supplied as standard. This option will only be required in case of bad connectivity in location of the indoor unit

## Accessories:

Accessory Ref	Description	Trade Price
BRC1HHDW	Madoka Heating - White	£92.00
BRC1HHDS	Madoka Heating - Silver	£92.00
BRC1HHDK	Madoka Heating - Black	£92.00
EKRELSG	Smart grid relay kit (high voltage)	£81.00
AFVALVE1	Anti-freeze valve for glycol free systems (two required per heat pump)	£100.00
EKPCAB4	PC cable – to upload field settings from PC to unit	£237.00
EKRSC1	Optional remote temperature sensor for outdoor unit*	£78.00
KRCS01-1	Optional remote temperature sensor for indoor unit*	£59.00
EKR1HBA	Optional PCB kit for remote alarm monitoring, run and fault indication and bivalent operation	£135.00
EKR1AHT	Optional PCB for upto 4 digital inputs for power limitation	£135.00
UK.FF600H150	Pair of flexi-feet for mounting outdoor unit, 150mm tall**	£71.00
UK.CBR2XXL-B	Wall bracket for outdoor unit (250 Kg, 780mm long arm, 2 arms, black)	£121.00
UK.CBR2XXL	Wall bracket for outdoor unit (250 Kg, 780mm long arm, 2 arms, ivory white)	£149.00
UK.DT4	Condensate drip tray (1420 x 500 x 50mm)	£105.00
K.DTFB	Floor bracket kit to mount drip tray to pair flexi-feet or wall bracket	£51.00

Accessory Ref	Description	Trade Price
K.HOSE750	Pair of flexible hoses (Length 750mm, 19mm tough PVC coated insulation, 1" FBSP x 28mm compression)	£87.00
K.HOSE750EL	Pair of flexible hoses with elbow (Length 750mm, 19mm tough PVC coated insulation, 1" FBSP x 28mm compression)	£125.00
EKUMBPART	Third party tank connection kit for dry pocket (contains 3 way valve, tank sensor and contactor)	£231.00
BRP069A71	Daikin ONECTA App (See note)	£35.00
K.ELECMETV	<b>Electric meter for domestic RHI - Single-phase (Metering for performance compliant)</b> MID Class A electric meter to measure the electricity consumption of the Daikin Altherma heat pump	£141.00
K.ELECMETW	<b>Electric meter for domestic RHI - Three-phase (Metering for performance compliant)</b> MID Class A electric meter to measure the electricity consumption of the Daikin Altherma heat pump	£254.00
EKCC8-W	Sequence Controller	£835.00
DCOM-LT/IO	Daikin Altherma I/O (Sequence Controller/Voltage/Resistance/Smart Grid) Gateway	£266.00
DCOM-LT/MB	Daikin Altherma Modbus Gateway	£260.00

**NEW** Heating ETVH-E

# High Temperature H-Split (R32) Heat Pump (Integrated)



Indoor Units (Floor Standing)			Single Phase	
			ETVH16SU18E6V7	ETVH16SU23E6V7
<b>Trade Unit Price</b>			<b>£3,205.00</b>	<b>£3,269.00</b>
<b>Compatible outdoor unit</b>			<b>EPRA14/16/18DV37/W17</b>	<b>EPRA14/16/18DV37/W17</b>
<b>User interface (must be ordered separately)</b>			<b>BRC1HHD(W/S/K)</b>	<b>BRC1HHD(W/S/K)</b>
<b>G3 Kit (must be ordered separately)</b>			<b>EKUHWG3D</b>	<b>EKUHWG3D</b>
Function			Heating only	Heating only
Casing			White	White
Colour				
Material			Resin + Sheet Metal	Resin + Sheet Metal
Dimensions	Height x Width x Depth	mm	1,650 x 595 x 625	1,850 x 595 x 625
Weight	Unit / Packed Unit	kg	109 / 126	118 / 135
Operating range	Heating	Min-Max.	10°C - 63°C	10°C - 63°C
	DHW	Max.	63°C <sup>[1]</sup>	63°C <sup>[1]</sup>
Sound power level	Nom.	dBA	44	44
Sound pressure level	Nom.	dBA	30	30
Tank	Water Volume	Litres	180	230
	Maximum water pressure	bar	10	10
Material			Stainless steel (EN 1.4521)	Stainless steel (EN 1.4521)
Load profile EN16147			L	XL
Standing heat loss			W	73
Energy efficiency rating			C	B
Standing heat loss @ 45K dT			kWh/24h	1.4
Hydraulic characteristics	Water connections Indoor / outdoor	inch	G 1" (female)	G 1" (female)
	Water connections DHW / Recirc	inch	G 3/4" (female)	G 3/4" (female)
	Water connections Space heating	inch	G 1" (female)	G 1" (female)
Minimum water volume		litres	20	20
Minimum flow rate		l/min	20	20
Backup heater power supply <sup>[2]</sup>	Phase		1~ / 3~	1~ / 3~
	Frequency		Hz	50
		Voltage	V	230
		Maximum capacity	kW	6 (2 step) <sup>[3]</sup>
		Maximum running current	A	26
		Recommended fuse rating	A	20 <sup>[4]</sup>

[1] Tank temperature up to 75°C possible with booster heater only operation (if available in the system).

[2] Power supply is for backup heater only. Indoor unit switch box and circulation pump are supplied via the outdoor unit.

[3] Backup heater steps electronically setup on the indoor unit interface.

[4] 4 pole 20A curve 400V tripping class C (refer to wiring diagram)



# Daikin Buffer Vessels

Our Daikin buffer vessels can be used for installations with all Daikin Altherma air source heat pumps. These buffer vessels can be used as a volumiser to provide the minimum water volume required in the primary circuit for the correct operation of the system as well as the defrost cycle. Available in 10L and 20L options for both the large and small sized air source heat pumps, including our monobloc system when used with the backup heater.

## Key features:

- › High quality duplex stainless steel material
- › Highly insulated with injection polyurethane insulation
- › BSI audited ISO9001 Certified Quality Management
- › Primary Pipe Work connections 28mm Compression
- › Can be located both horizontally and vertically



Buffer Vessel		UK.INBUFFER/10L	UK.INBUFFER/20L
Description		10L Inline Buffer Vessel	20L Inline Buffer Vessel
<b>Trade Unit Price</b>		<b>£229</b>	<b>£250</b>
Nominal Capacity	litres	10	20
Shipping Dimensions H x W x D	mm	700 x 300 x 300	700 x 300 x 300
Cylinder Dimensions H x W x D	mm	396 x 270 x 270	696 x 270 x 270
Weight Empty	kg	7	10
Weight Full	kg	17	30
Weight Packaged	kg	8	11
Vessel Material		Duplex Stainless Steel	
Connection Size/Type		28mm Compression	
Insulation Type		Polyurethane (PU) Insulation with CO2 Blowing Agent	
Insulation Thickness	mm	35	
Maximum working pressure	bar	6	
Maximum Flow Rate	litres/min	60	
Standing Heat Loss	W	18	22
ERP Rating		A	A
			



# Hot Water Cylinders and Thermal Stores



## Energy-efficient hot water storage

Our high performance cylinders and thermal stores are designed to meet the demand for the domestic hot water across a range of applications. With low heat losses and large coil areas, Daikin hot water cylinders are manufactured in consideration of all the requirements which come with our modern lifestyles.

With so many different designs and shapes to choose from, our customers can have a peace of mind by knowing that they can select a cylinder which will meet all the specifications for their project.

All our cylinders are WRAS approved, with most of them having ErP ratings of B. When choosing our cylinders, you can rest assured that these products provide high efficiency with minimum heat loss and therefore help to protect the environment.

All our indirectly heated unvented cylinders as well as thermal stores come with a promise to deliver a high quality and reliable performance.

Hot Water Cylinder EKHWSU-D	Hot Water Cylinder EKHWSU-BA	Pre-Plumbed Cylinder UK.PPC	Pre-Plumbed R32 Cylinder UK.PPC/R32	HT Split Hot Water Cylinder EKHTSU	Therma Store EKHWP-PB
Compatible with <ul style="list-style-type: none"> <li>• EDLQ05-07C</li> <li>• E(D/B)LA11-16D</li> <li>• EHBH/X04-08E</li> <li>• EBBH/X11-16D</li> <li>• EABH/X-D</li> <li>• ETB(H/X)-E</li> <li>• EHY2KOMB28/35A(add EKTH3)</li> </ul>	Compatible with <ul style="list-style-type: none"> <li>• EHBH/X-D</li> <li>• EDLQ05-07C</li> <li>• EDLQ011-016C</li> </ul>	Compatible with <ul style="list-style-type: none"> <li>• EDLQ05-07C</li> <li>• EDLQ011-016C</li> </ul>	Compatible with <ul style="list-style-type: none"> <li>• EB/DLA09-16</li> </ul>	Compatible with <ul style="list-style-type: none"> <li>• EKHBRD-AD</li> <li>• HXHD (VRV)</li> </ul>	Compatible with <ul style="list-style-type: none"> <li>• EDLQ05-07C</li> <li>• E(D/B)LA11-16D</li> <li>• EHBH/X04-08E</li> <li>• EBBH/X11-16D</li> <li>• EABH/X-D</li> <li>• ETB(H/X)-E</li> <li>• EKHBRD-AD</li> </ul>
					

**Note:** According to G3 building regulations, all cylinders [except the thermal store] must be used with the G3 kit

R-32 BLUEEVOLUTION

NEW UK.PPC/R32

## Pre-Plumbed R32 Cylinder



## Features:

- › Plug & play installation, all key hydraulics included to ensure a fast and easy installation
- › The perfect partner to the Daikin Altherma Monobloc
- › Available with the wiring box for separate connections and local power supply for the immersion heater
- › With on board pump and 20L buffer vessel, these pre plumbed cylinders can also be used as a hydraulic separation between the primary and secondary circuits.
- › Optimise floor space, our slimline model has a small footprint, making it ideal for smaller properties
- › Maximum performance, built-in 20 litre buffer vessel, which can also be used as hydraulic separation and pre-fitted pump and magnetic filter to ensure the best performance from the Daikin Altherma Monobloc
- › Pre-fitted with 20 litre buffer vessel / hydraulic separator, G3 kit (expansion vessel supplied loose), wiring box, 3-way valve, on board pump, magnetic filter, automatic air vents, dual immersion heaters and thermostatic mixing valve

Domestic hot water cylinder			UK.PPC150/R32	UK.PPC180/R32	UK.PPC210/R32	UK.PPC250/R32	UK.PPC300/R32
Description			150l pre-plumbed cylinder	180l pre-plumbed cylinder	210l pre-plumbed cylinder	250l pre-plumbed cylinder	300l pre-plumbed cylinder
Trade Unit Price			£1,940.00	£2,035.00	£2,047.00	£2,073.00	£2,442.00
Suitable for			Daikin Altherma R32 Monobloc				
Energy efficiency class			B	B	C	C	C
Standing heat loss (ErP)	W		54	58	63	88	96
Storage volume	litres		148	179	209	248	301
Standing heat loss	kWh/24h		1.29	1.39	1.50	2.10	2.29
Max water temperature	°C		90	90	90	90	90
Pump	Quantity		1	1	1	1	1
	Nr of Speeds		PWM	PWM	PWM	PWM	PWM
	Nominal ESP	kPa	80	80	80	80	80
	Power Input	W	52	52	52	52	52
Primary immersion heater capacity	kW		3	3	3	3	3
Primary immersion heater power supply			1-phase / 230V / 50Hz	1-phase / 230V / 50Hz	1-phase / 230V / 50Hz	1-phase / 230V / 50Hz	1-phase / 230V / 50Hz
Primary immersion heater recommended fuses	A		16	16	16	16	16
Secondary immersion heater capacity	kW		3	3	3	3	3
Secondary immersion heater power supply			1-phase / 230V / 50Hz	1-phase / 230V / 50Hz	1-phase / 230V / 50Hz	1-phase / 230V / 50Hz	1-phase / 230V / 50Hz
Secondary immersion heater recommended fuses	A		16	16	16	16	16
Height	mm		1550	1676	1864	2164	2165
Diameter	mm		550	550	550	550	600
Empty weight	kg		48	58	61	73	88
Material inside cylinder			Stainless steel 2304				
Piping connections (diameter)	Water inlet H/E	mm	28	28	28	28	28
	Water outlet H/E	mm	28	28	28	28	28
	Cold water in	mm	22	22	22	22	22
	Hot water out	mm	22	22	22	22	22
	Space heating flow	mm	28	28	28	28	28
	Space heating return	mm	28	28	28	28	28

Domestic hot water cylinder			UK.PPC150SL/R32	UK.PPC180SL/R32
Description			150l slimline pre-plumbed cylinder	180l slimline pre-plumbed cylinder
Trade Unit Price			£2,015.00	£2,163.00
Suitable for			Daikin Altherma R32 Monobloc	
Energy efficiency class			B	B
Standing heat loss (ErP)	W		52	58
Storage volume	litres		152	178
Standing heat loss	kWh/24h		1.23	1.39
Max water temperature	°C		90	90
Pump	Quantity		1	1
	Nr of Speeds		PWM	PWM
	Nominal ESP	kPa	80	80
	Power Input	W	52	52
Primary immersion heater capacity	kW		3	3
Primary immersion heater power supply			1-phase / 230V / 50Hz	1-phase / 230V / 50Hz
Primary immersion heater recommended fuses	A		16	16
Secondary immersion heater capacity	kW		3	3
Secondary immersion heater power supply			1-phase / 230V / 50Hz	1-phase / 230V / 50Hz
Secondary immersion heater recommended fuses	A		16	16
Height	mm		1869	2085
Diameter	mm		475	475
Empty weight	kg		61	69
Material inside cylinder			Stainless steel 2304	
Piping connections (diameter)	Water inlet H/E	mm	28	28
	Water outlet H/E	mm	28	28
	Cold water in	mm	22	22
	Hot water out	mm	22	22
	Space heating flow	mm	28	28
	Space heating return	mm	28	28

**R-410A**

UK.PPC

# Pre-Plumbed Cylinder



Domestic hot water cylinder			UK.PPC150	UK.PPC180	UK.PPC210	UK.PPC250	UK.PPC300
Description			150l pre-plumbed cylinder	180l pre-plumbed cylinder	210l pre-plumbed cylinder	250l pre-plumbed cylinder	300l pre-plumbed cylinder
Trade Unit Price			£2,086.00	£2,190.00	£2,208.00	£2,237.00	£2,650.00
Suitable for			Daikin Altherma R410a Monobloc				
Energy efficiency class			B	B	C	C	C
Standing heat loss (ErP)	W		54	58	63	88	96
Storage volume	litres		148	179	209	248	301
Standing heat loss	kWh/24h		1.29	1.39	1.50	2.10	2.29
Max water temperature	°C		90	90	90	90	90
Primary immersion heater capacity	kW		3	3	3	3	3
Primary immersion heater power supply			1-phase / 230V / 50Hz	1-phase / 230V / 50Hz	1-phase / 230V / 50Hz	1-phase / 230V / 50Hz	1-phase / 230V / 50Hz
Primary immersion heater recommended fuses	A		16	16	16	16	16
Secondary immersion heater capacity	kW		3	3	3	3	3
Secondary immersion heater power supply			1-phase / 230V / 50Hz	1-phase / 230V / 50Hz	1-phase / 230V / 50Hz	1-phase / 230V / 50Hz	1-phase / 230V / 50Hz
Secondary immersion heater recommended fuses	A		16	16	16	16	16
Height	mm		1550	1676	1864	2164	2165
Diameter	mm		550	550	550	550	600
Empty weight	kg		46	56	59	71	86
Material inside cylinder			Stainless steel 2304				
Piping connections (diameter)	Water inlet H/E	mm	28	28	28	28	28
	Water outlet H/E	mm	28	28	28	28	28
	Cold water in	mm	22	22	22	22	22
	Hot water out	mm	22	22	22	22	22

Domestic hot water cylinder			UK.PPC150SL	UK.PPC180SL
Description			150l slimline pre-plumbed cylinder	180l slimline pre-plumbed cylinder
Trade Unit Price			£2,172.00	£2,337.00
Suitable for			Daikin Altherma R410a Monobloc	
Energy efficiency class			B	B
Standing heat loss (ErP)	W		52	58
Storage volume	litres		152	178
Standing heat loss	kWh/24h		1.23	1.39
Max water temperature	°C		90	90
Primary immersion heater capacity	kW		3	3
Primary immersion heater power supply			1-phase / 230V / 50Hz	1-phase / 230V / 50Hz
Primary immersion heater recommended fuses	A		16	16
Secondary immersion heater capacity	kW		3	3
Secondary immersion heater power supply			1-phase / 230V / 50Hz	1-phase / 230V / 50Hz
Secondary immersion heater recommended fuses	A		16	16
Height	mm		1869	2085
Diameter	mm		475	475
Empty weight	kg		59	67
Material inside cylinder			Stainless steel 2304	
Piping connections (diameter)	Water inlet H/E	inch	28	28
	Water outlet H/E	inch	28	28
	Cold water in	inch	22	22
	Hot water out	inch	22	22

## Features:

- › The perfect partner to the Daikin Altherma Monobloc
- › Plug & Play installation, all key hydraulics included to ensure a fast and easy installation
- › The slimline model has a small footprint, optimising floor space and making it ideal for smaller properties
- › Maximum performance, built-in 20 litre buffer vessel and pre-fitted magnetic filter to ensure the best performance of the Daikin Altherma Monobloc
- › Pre-fitted with 20 litre buffer vessel, G3 kit (expansion vessel supplied loose), Monobloc wiring centre, ESBE 3-way valve, Magnetic filter, Automatic air vents, Dual immersion heaters and thermostatic mixing valve

**R-32** **R-410A**

EKHWSU-D

# Hot Water Cylinder



Domestic hot water cylinder			SB.EKHWSU150/EKEXP	SB.EKHWSU180/EKEXP	SB.EKHWSU200/EKEXP	SB.EKHWSU250/EKEXP	SB.EKHWSU300/EKEXP
Description			150L unvented cylinder (Including EKEXPVES)	180L unvented cylinder (Including EKEXPVES)	200L unvented cylinder (Including EKEXPVES)	250L unvented cylinder (Including EKEXPVES)	300L unvented cylinder (Including EKEXPVES)
Trade Unit Price			£1,299.00	£1,308.00	£1,319.00	£1,385.00	£1,449.00
Suitable for			R32 Split and Monobloc systems				
Energy efficiency class			B	B	B	B	B
Standing heat loss (ErP)	W		45	50	55	60	68
Storage volume	litres		145	174	192	242	292
Standing heat loss	kWh/24h		1.1	1.2	1.3	1.4	1.6
Max water temperature	°C		75	75	75	75	75
Booster heater capacity	kW		3	3	3	3	3
Power supply			1-phase / 230V / 50Hz	1-phase / 230V / 50Hz	1-phase / 230V / 50Hz	1-phase / 230V / 50Hz	1-phase / 230V / 50Hz
Recommended fuses	A		20	20	20	20	20
Height	mm		1015	1175	1283	1553	1763
Diameter	mm		595	595	595	595	595
Empty weight	kg		45	50	53	58	63
Material inside cylinder			Stainless steel (EN 1.4521)	Stainless steel (EN 1.4521)	Stainless steel (EN 1.4521)	Stainless steel (EN 1.4521)	Stainless steel (EN 1.4521)
Piping connections (diameter)	Water inlet H/E	inch	3/4 " (female)	3/4 " (female)	3/4 " (female)	3/4 " (female)	3/4 " (female)
	Water outlet H/E	inch	3/4 " (female)	3/4 " (female)	3/4 " (female)	3/4 " (female)	3/4 " (female)
	Cold water in	inch	3/4 " (female)	3/4 " (female)	3/4 " (female)	3/4 " (female)	3/4 " (female)
	Hot water out	inch	3/4 " (female)	3/4 " (female)	3/4 " (female)	3/4 " (female)	3/4 " (female)

### Features:

- › This stainless steel unvented cylinder is the ideal partner for Daikin Altherma R32 Split and Low temperature monobloc systems
- › Fitted with a 3kW immersion heater as standard
- › Quick and easy installation with semi pre-plumbed G3 safety kit included
- › Supplied with 3-way valve

**R-410A**

EKHWSU-BA

# Hot Water Cylinder



Domestic hot water cylinder			SB.EKHWSU150/G3	SB.EKHWSU200/G3	SB.EKHWSU300/G3
Description			150L unvented cylinder (Including EKUHWWB)	200L unvented cylinder (Including EKUHWWB)	300L unvented cylinder (Including EKUHWWB)
Trade Unit Price			£1,386.00	£1,409.00	£1,548.00
Suitable for			R410a Low temperature Split and Monobloc systems		
Energy efficiency class			C	C	C
Standing heat loss (ErP)	W		65	74	91
Storage volume	litres		150	200	285
Standing heat loss	kWh/24h		1.55	1.77	2.19
Max water temperature	°C		85	85	85
Booster heater capacity	kW		3	3	3
Power supply			1-phase / 230V / 50Hz	1-phase / 230V / 50Hz	1-phase / 230V / 50Hz
Recommended fuses	A		16	16	16
Height	mm		1015	1265	1715
Diameter	mm		580	580	580
Empty weight	kg		38	46	60
Material inside cylinder			Stainless steel	Stainless steel	Stainless steel
Piping connections (diameter)	Water inlet H/E	inch	3/4 (female)	3/4 (female)	3/4 (female)
	Water outlet H/E	inch	3/4 (female)	3/4 (female)	3/4 (female)
	Cold water in	inch	3/4 (female)	3/4 (female)	3/4 (female)
	Hot water out	inch	3/4 (female)	3/4 (female)	3/4 (female)

### Features:

- › This stainless steel unvented cylinder is the ideal partner for Daikin Altherma R410A Low Temperature Split and Monobloc heat pumps
- › Fitted with 3kW immersion heater as standard
- › Supplied with 3-way valve and G3 safety kit (EKUHWWB)
- › For vented hot water cylinders, please contact your local sales office

**R-32** **R-410A**

EKHWP-PB

# Thermal Store



Thermal Store			EKHWP300PB	EKHWP500PB
Description			Thermal Store 300 litre (compatible with pressurised solar)	Thermal Store 500 litre (compatible with pressurised solar)
Trade Unit Price			£1,397.00	£1,736.00
Dimensions	Height x Width x Depth	mm	1650 x 595 x 615	1660 x 790 x 790
Weight		kg	58	89
Energy efficiency class			B	B
Standing heat loss (ErP)			64	72
Water volume		litres	294	477
Max. water temperature		°C	85	85
Insulation <sup>[1]</sup>		kWh/24h	1.5	1.7
Heat Exchanger (Heat Source)	Material		Stainless Steel (DIN1.4404)	Stainless Steel (DIN1.4404)
	Surface Area	m <sup>2</sup>	2.7	3.8
	Internal coil volume	litres	13.2	19
Heat Exchanger (Domestic hot water)	Material		Stainless Steel (DIN1.4404)	Stainless Steel (DIN1.4404)
	Surface Area	m <sup>2</sup>	5.6	5.8
	Internal coil volume	litres	27.1	29.0
Heat Exchanger (Pressurised Solar)	Material		Stainless Steel (DIN1.4404)	Stainless Steel (DIN1.4404)
	Surface Area	m <sup>2</sup>	0.8	1.7
	Internal coil volume	litres	4.2	12.5
Thermal Performance	Hot water volume without reheating at draw-off rate 12l/m	litres	153 <sup>[2]</sup>	282 <sup>[2]</sup>
			252 <sup>[3]</sup>	240 <sup>[3]</sup>
			321 <sup>[4]</sup>	444 <sup>[4]</sup>
	Hot water volume without reheating at draw-off rate 8l/m	litres	284 <sup>[2]</sup>	324 <sup>[2]</sup>
			283 <sup>[3]</sup>	288 <sup>[3]</sup>
			352 <sup>[4]</sup>	492 <sup>[4]</sup>
Piping connections (diameter)	Heat source in/out	inch	G 1" (female) / 1" (male)	G 1" (female) / 1" (male)
	Potable water in/out	inch	G 1" (female) / 1" (male)	G 1" (female) / 1" (male)
	Pressurised solar in/out	inch	G 3/4" (female) / 1" (male)	G 3/4" (female) / 1" (male)

[1] Heat loss according to EN12897 and EN 15332

[2] Inlet temperature = 10°C / Tapping temperature = 40°C / Storage temperature = 50°C

[3] Inlet temperature = 10°C / Tapping temperature = 40°C / Storage temperature = 60°C

[4] Inlet temperature = 10°C / Tapping temperature = 40°C / Storage temperature = 65°C

## Accessories:

Accessory Ref	Description	Trade Price
165215	Fill and drain connection - Recommended to be ordered with every thermal store	£29.00
165070	Gravity break set - Avoids thermal heat loss from thermal store due to thermo-siphon effect.	£8.32
164102-RTX	Solar flow setter - Flow regulating valve with flow indicator (2-16 l/min), for balancing solar flow in cascade installations	£67.00
165113	Secondary circulation kit - connection for secondary hot water connections	£101.00
EKBH3S	3kW immersion heater for thermal store	£249.00
EKEPHYHT35H	300l thermal store connection kit (R32 Hybrid)	£166.00
EKEPRHLT3HX	300l Thermal store connection kit - Heating only & Reversible (R32 H HT, H-Split, R-Split and Monobloc)	£140.00
EKEPRHLT5H	500l Thermal store connection kit - Heating only (R32 H HT, H-Split, R-Split and Monobloc)	£183.00
EKEPRHLT5X	500l Thermal store connection kit - Reversible (R32 H HT, H-Split, R-Split and Monobloc)	£256.00
EKEPHT3H	300L Thermal Store connection kit (R410 Hybrid/HT R-Split)	£229.00
EKEPHT5H	500L Thermal Store connection kit (R410 HT R-Split)	£333.00

## Features:

- › This hot water thermal storage tank provides instantaneous hot water and serves as a heat storage medium



**R-410A** **R-134a**

ERSQ

## High Temperature R-Split Heat Pump (outdoor)



Outdoor Unit			Single Phase			3 Phase		
			ERSQ011AV1	ERSQ014AV1	ERSQ016AV1	ERSQ011AY1	ERSQ014AY1	ERSQ016AY1
Description			11kW	14kW	16kW	11kW	14kW	16kW
Trade Unit Price			£3,214.00	£3,627.00	£3,918.00	£3,509.00	£3,682.00	£4,349.00
Dimensions	Height x Width x Depth	mm	1345 x 900 x 320			1345 x 900 x 320		
Weight		kg	120			120		
Nominal capacity	Heating (a/b)	kW	11 / 11	14 / 14	16 / 16	11 / 11	14 / 14	16 / 16
Nominal input	Heating (a/b)	kW	3.03 / 3.57	4.07 / 4.66	4.83 / 5.57	3.03 / 3.57	4.07 / 4.66	4.83 / 5.57
COP	Heating (a/b)		3.63 / 3.08	3.44 / 3.00	3.31 / 2.88	3.63 / 3.08	3.44 / 3.00	3.31 / 2.88
Seasonal space heating efficiency*	Space heating (Average climate) 35°C	Class	B	B	B	B	B	B
		Efficiency	105	110	112	105	110	112
	Space heating (Average climate) 55°C	SCOP	2.70	2.68	2.88	2.70	2.68	2.88
		Class	A+	A+	A+	A+	A+	A+
		Efficiency	103	104	102	103	104	102
		SCOP	2.65	2.66	2.61	2.65	2.66	2.61
Operation range	Heating	°C	-20 ~ + 24	-20 ~ + 24	-20 ~ + 24	-20 ~ + 24	-20 ~ + 24	-20 ~ + 24
	Hot water	°C	-20 ~ + 35	-20 ~ + 35	-20 ~ + 35	-20 ~ + 35	-20 ~ + 35	-20 ~ + 35
Sound pressure / power level	Heating	dBA	52 / 68	53 / 69	55 / 71	52 / 68	53 / 69	55 / 71
Refrigerant charge	R-410A	kg	4.5	4.5	4.5	4.5	4.5	4.5
Piping connections	Liquid	inch	3/8	3/8	3/8	3/8	3/8	3/8
	Gas	inch	5/8	5/8	5/8	5/8	5/8	5/8
Max piping length OU to IU		m	50	50	50	50	50	50
Power supply			1-phase / 230V / 50Hz	1-phase / 230V / 50Hz	1-phase / 230V / 50Hz	3-phase / 400V / 50Hz	3-phase / 400V / 50Hz	3-phase / 400V / 50Hz
Recommended fuses		A	25	25	25	16	16	16

\* When combined with matching indoor unit

Nominal capacity and nominal input tested at the following conditions: a. A7 W45 according to EN14511 b. A7 W65 according to Eurovent rating standard 6/C/003-2006

### Features:

- › The outdoor unit extracts heat from the ambient air and transfers it to the indoor unit via refrigerant piping
- › Heating only versions
- › Order with matching indoor unit

**R-410A R-134a**

**EKHDRD**

# High Temperature Split Hydrobox (floor standing)



**Features:**

- › The indoor unit receives the heat from the outdoor unit and further increases the temperature up to 80°C, which is ideal for use with existing radiators
- › It is designed to only be used with the integrated hot water cylinder EKHTSU
- › For RHI, check maximum design flow temperature carefully

Indoor Unit (floor standing)	Single Phase			3 Phase		
	EKHDRD011ADV17	EKHDRD014ADV17	EKHDRD016ADV17	EKHDRD011ADY17	EKHDRD014ADY17	EKHDRD016ADY17
<b>Description</b>	<b>11kW</b>	<b>14kW</b>	<b>16kW</b>	<b>11kW</b>	<b>14kW</b>	<b>16kW</b>
<b>Trade Unit Price</b>	<b>£3,883.00</b>	<b>£3,952.00</b>	<b>£4,071.00</b>	<b>£3,959.00</b>	<b>£4,029.00</b>	<b>£4,151.00</b>
To use with	ERSQ011AV1	ERSQ014AV1	ERSQ016AV1	ERSQ011AY1	ERSQ014AY1	ERSQ016AY1
Dimensions	Height x Width x Depth mm 705 x 600 x 695			705 x 600 x 695		
Weight	kg 144.25			147.25		
Leaving water temperature range	°C 25~80 without electrical heater			25~80 without electrical heater		
Refrigerant charge (factory)	R134a kg 3.2			3.2		
Power supply	1-phase / 230V / 50Hz			3-phase / 400V / 50Hz		
Recommended fuses	A 25			16		
Pump	No. of speeds Inverter controlled			Inverter controlled		
Expansion vessel volume	litres 12			12		
Water connections (diameter)	inch 1" (female)			1" (female)		

**Accessories:**

Accessory Ref	Description	Trade Price
EKBPHTH16A	Bottom plate heater for outdoor unit sizes 011-016	<b>£172.00</b>
EKBUHA6V3	In line back up electric heater 6kW, 1-phase, 230V (also requires EKRP1AHT) – for space heating only	<b>£601.00</b>
EKBUHA6W1	In line back up electric heater 6kW, 3-phase, 400V (also requires EKRP1AHT) – for space heating only	<b>£601.00</b>
EKRP1AHT	Optional PCB for demand control (required for EKRTW, EKRTR, EKRTETS, EKBUH*)	<b>£135.00</b>
EKRUAHBT	Remote user interface	<b>£207.00</b>
EKRP1HBA	Optional PCB kit for remote alarm monitoring, run and fault indication and solar interlock for heat pump	<b>£135.00</b>
RTD-W	MODBUS interface for HT hydrobox	<b>£269.00</b>
K.CWB140-2	Wall bracket for outdoor unit (140kg, 540mm long, 2 arms)	<b>£58.00</b>
K.CWBLS5	Wall bracket for outdoor unit (140kg, 540mm long, 2 arms) - Stainless Steel	<b>£176.00</b>
K.DT2	Condensate drip tray (1100 X 400 x 25mm)	<b>£75.00</b>

**Notes:** i) Needs to be ordered with EKRP1AHT

Accessory Ref	Description	Trade Price
K.DTFB	Floor bracket kit to mount drip tray to pair flexi-feet or wall bracket	<b>£51.00</b>
K.CGL	Outdoor unit guard for double fan unit	<b>£463.00</b>
UK.FF600H150	Two flexi-feet, height 150mm, to mount the outdoor unit	<b>£71.00</b>
K.FERNOXTF1	Fernox magnetic filter 1"	<b>£120.00</b>
K.FERNOXTF1FL	Fernox magnetic filter 1" and F1 inhibitor fluid (500ml)	<b>£141.00</b>
K.ELECMETV	<b>Electric meter for domestic RHI - Single-phase (Metering for performance compliant)</b> MID Class A electric meter to measure the electricity consumption of the Daikin Altherma heat pump	<b>£141.00</b>
K.ELECMETW	<b>Electric meter for domestic RHI - Three-phase (Metering for performance compliant)</b> MID Class A electric meter to measure the electricity consumption of the Daikin Altherma heat pump	<b>£254.00</b>

**EKHTSU**

# Hot Water Cylinder for High Temperature Split



**Features:**

- › This integrated cylinder is designed for use with Daikin Altherma HT only
- › The cylinder features fast heat-up and recovery times, and low heat losses
- › The indoor unit and hot water cylinder are designed to be stacked to save space, or can alternatively be installed next to each other if limited height is available for installation (please order EKFMAHTB)
- › Supplied with 3-way valve and G3 safety kit (EKUHWHTB)

Domestic hot water cylinder	UK.EKHTSU200AC		UK.EKHTSU260AC	
	200L unvented cylinder		260L unvented cylinder	
<b>Description</b>	<b>£1,452.00</b>		<b>£1,644.00</b>	
<b>Trade Unit Price</b>	Unvented systems (including EKUHWHTB)			
Suitable for	B		B	
Energy efficiency class	B		B	
Standing heat loss (ErP)	W 50		63	
Storage volume	litres 200		260	
Max water temperature	°C 75		75	
Standing heat loss	kWh/24h 1.2		1.5	
Dimensions (cylinder only)	Height x Width x Depth	mm 1335 x 600 x 695	1610 x 600 x 695	
Dimensions (cylinder integrated on hydrobox)	Height x Width x Depth	mm 2010 x 600 x 695	2285 x 600 x 695	
Empty weight	kg 70		78	
Material inside cylinder	Stainless steel		Stainless steel	
Power supply	1-phase / 230V / 50Hz		1-phase / 230V / 50Hz	
Piping connections (diameter)	Water inlet H/E	mm 25 (female quick coupling, supplied, integrated solution)	1-phase / 230V / 50Hz	
	Water outlet H/E	mm 25 (female quick coupling, supplied, integrated solution)		
	Cold water in	inch 3/4" (female)	3/4" (female)	
	Hot water out	inch 3/4" (female)	3/4" (female)	





**Accessories:**

Accessory Ref	Description	Trade Price
EKFMAHTB	Kit for standalone installation with floor standing hydrobox	<b>£364.00</b>

Heat Pump UK Accessories Overview

# Wall Brackets

Our condensing wall brackets provide a professional finish to the installation of our wall mounted outdoor condensing air source heat pumps. All our brackets are supplied with the crossbar and spirit level allowing the uprights to be spaced exactly as required, and to help level the unit on uneven walls. All components receive a powder coating, with a scratch-resistant, textured finish in ivory white or black. Available with two or three support arms, they can be used with a wide range of Daikin Altherma outdoor units.

Wall brackets	Description	No of Support Arms	Support Arm's Length	Safe Working Load (kg)	
K.CWB140-2	Wall bracket for outdoor unit – Ivory	2	540	140	
K.CWBLS5	Wall bracket for outdoor unit – Stainless Steel	2	540	140	
K.CWBXL	Wall bracket for outdoor unit – Ivory	2	660	250	
K.CWBXL55	Wall bracket for outdoor unit – Stainless Steel	2	660	250	
UK.CWBXL3A	Wall bracket for outdoor unit – Ivory	3	660	250	
UK.CWBXL3A-B	Wall bracket for outdoor unit – Black	3	780	250	
UK.CBR2XXL-B	Wall bracket for outdoor unit – Black	2	780	250	
UK.CWBXL3A-B	Wall bracket for outdoor unit – Black	3	660	250	

# Condensate Drip Trays

These metal drip trays have a convex profile and a recessed surface flush, drain hose adaptor, minimising the amount of standing water left in the tray. Supplied with fixing arms for mounting different bracket sizes. For improved corrosion resistance, the drip trays are treated with zinc plated, ED coating, and powder coated to RAL7032.



Example Drip Tray: UK.DT2  
Wall bracket supplied separately

Condensate Trays	Description	Dimensions (mm)
K.DT1	Condensate drip tray size 1	800 x 400 x 50
K.DT2	Condensate drip tray size 2	1100 x 400 x 50
UK.DT3	Condensate drip tray size 3	1300 x 550 x 50
UK.DT5	Condensate drip tray size 5	1400 x 400 x 50
UK.DT4	Condensate drip tray size 4	1420 x 500 x 50

# Flexi-Feet

Flexi-feet support for air source heat pumps, air conditioning outdoor units and a variety of outdoor equipment. Made from heavy-duty recycled rubber. The 21 x 41 mm galvanised steel strut is supplied bonded with rubber. Drain slots are moulded to the underside of the foot.

Flexi-feet	Description	Height (mm)	No of Feet	
K.FF600S	Two flexi-feet (Standard) to mount the outdoor unit	100	2	
K.FF600ASN	Two flexi-feet, 100mm height, to mount the outdoor unit	100	2	
UK.FF600S1503	Three flexi-feet, height 150mm, to mount the outdoor unit	150	3	
UK.FF600H150	Two flexi-feet, height 150mm, to mount the outdoor unit	150	2	
UK.FF600S3A	Three flexi-feet (Standard), height 100mm, to mount outdoor unit	100	3	

## Floor Brackets

When units are mounted at floor level, condensate discharge needs to be directed towards a drain or soakaway to avoid condensate causing a slip hazard. This floor bracket kit allows the metal tray to be mounted onto a flexi foot kit or flexi lite slab and foot kit. The air source heat pump can then be mounted onto the top of the bracket.

Floor Brackets	Description	No of Brackets
K.DTFB	Floor bracket kit to mount drip tray to flexi-feet	4
UK.DTFB3	Floor bracket kit to mount drip tray for 3 flexi-feet or wall bracket	6



## Flexi-Hoses

These flexible hoses are designed to meet the requirements of the MCS MIS 3005 installation specifications to allow the flow and return pipework to connect to a heat pump. The flexible hoses help avoid transmission of vibration in the pipework and allow for a smooth bend when connecting the flow and return pipe to the heat pump. The 28mm hose is sleeved within a stainless steel braid for added protection, available in female or male BSP (British Standard Pipe) thread at one end and 28mm compression fitting at the other. All flexible hoses come complete with external grade PVC coated 19mm thick insulation.

Flexi-hoses	Description	Length (mm)	No of Hoses
K.HOSE500	Pair of flexible hoses (Length 500mm, 19mm tough PVC coat insulation, 1" FBSP, 28mm compression)	500	2
K.HOSE750	Pair of flexible hoses (Length 750mm, 19mm tough PVC coat insulation, 1" FBSP, 28mm compression)	750	2
K.HOSE750EL	Pair of flexible hoses with elbow (Length 750mm, 19mm tough PVC coat insulation, 1" FBSP, 28mm compression)	750	2



## Protective Guards

These Pump House manufactured weather-resistant, steel mesh guards offer a safe solution to vandalism and accidental damage to your expensive air source heat pump. Ideal for most Daikin Altherma air source heat pumps. The CG750 condensing guard range has a split wall frame that allows for easy placement of the guard following installation of the condensing unit. You can work around pipework and electrical connections hassle-free. Note: 750 refers to the depth of the guard.



K.CGM



K.CG750S

Protective Guards	Description
K.CGL	Outdoor unit guard for twin fan outdoor units
K.CGFPPL	Front/Back panel for use with K.CGL
K.CGM	Outdoor unit guard for single fan outdoor units
K.CGFPML	Front/Back panel for use with K.CGM
K.CGBPML	Top/Bottom panel for use with K.CGM/L
K.CG750S	Outdoor unit guard for EDLQ 05-07
K.CG750FPS	Front/Back panel for use with K.CG750S
K.CG750BPML	Top/Bottom panel for use with K.CG750S
K.CG750SIDE	Partial guard to protect side coil

## Through-Wall Insulation Sleeves

These through-wall insulation sleeves are ideal for running pipework from an externally mounted air source heat pump into a property. The hot pipework can be affected by cold bridging and heat loss if not insulated correctly. MIS 3005 requires external pipework and pipework running through external walls to be adequately insulated. The through-wall insulation kit provides both thermal insulation within the wall and comes complete with an elbow section to cover the external copper pipe connection.

Through-Wall Insulation	Description
K.SLEEVE	Through-Wall insulation suitable for 22 and 28mm pipe (19mm tough PVC coat insulation)



# Heat Pump Accessories

Accessory Ref	Description	Trade Price
<b>Wall brackets</b>		
K.CWB140-2	Wall bracket for outdoor unit (140kg, 540mm long, 2 arms)	<b>£58.00</b>
K.CWBLSS	Wall bracket for outdoor unit (140kg, 540mm long, 2 arms) - Stainless Steel	<b>£176.00</b>
K.CWBXL	Wall brackets for outdoor units (250kg, 660mm long, 2 arms)	<b>£88.00</b>
K.CWBXLSS	Wall brackets for outdoor units (250kg, 660mm long, 2 arms) - Stainless Steel	<b>£355.00</b>
UK.CWBXL3A	Wall bracket for outdoor unit (250kg, 660mm long, 3 arms, ivory)	<b>£137.00</b>
UK.CWBXXL3A-B	Wall bracket for outdoor unit (250kg, 780mm long, 3 arms, black)	<b>£172.00</b>
UK.CBR2XXL-B	Wall bracket for outdoor unit (250 kg, 780mm long arm, 2 arms, black)	<b>£121.00</b>
UK.CBR2XXL	Wall bracket for outdoor unit (250 kg, 780mm long arm, 2 arms, ivory white)	<b>£149.00</b>
UK.CWBXL3A-B	Wall bracket for outdoor unit (250kg, 660mm long, 3 arms, black)	<b>£148.00</b>
<b>Condensate trays</b>		
K.DT1	Condensate drip tray (800 x 400 x 50mm)	<b>£68.00</b>
K.DT2	Condensate drip tray (1100 x 400 x 50mm)	<b>£75.00</b>
UK.DT3	Condensate drip tray (1300 x 550 x 50mm)	<b>£104.00</b>
UK.DT5	Condensate drip tray (1400 x 400 x 50mm)	<b>£86.00</b>
UK.DT4	Condensate drip tray (1420 x 500 x 50mm)	<b>£105.00</b>
<b>Flexi-feet</b>		
K.FF600S	Two of flexi-feet (Standard) to mount the outdoor unit	<b>£58.00</b>
K.FF600ASN	Two of flexi-feet, 100mm height, for mounting outdoor unit	<b>£60.00</b>
UK.FF600S1503	Three flexi-feet, height 150mm, to mount the outdoor unit	<b>£110.00</b>
K.DTFB	Floor bracket kit to mount drip tray to flexi-feet	<b>£51.00</b>
UK.DTFB3	Floor bracket kit to mount drip tray for 3 flexi-feet or wall bracket	<b>£80.00</b>
UK.FF600H150	Two flexi-feet, height 150mm, to mount the outdoor unit	<b>£71.00</b>
UK.FF600S3A	Three flexi-feet (Standard), height 100mm, to mount outdoor unit	<b>£69.00</b>

Accessory Ref	Description	Trade Price
<b>Flexi-hoses</b>		
K.HOSE500	Pair of flexible hoses (Length 500mm, 19mm tough PVC coat insulation, 1" FBSP, 28mm compression)	<b>£70.00</b>
K.HOSE750	Pair of flexible hoses (Length 750mm, 19mm tough PVC coat insulation, 1" FBSP, 28mm compression)	<b>£87.00</b>
K.HOSE750EL	Pair of flexible hoses with elbow (Length 750mm, 19mm tough PVC coat insulation, 1" FBSP, 28mm compression)	<b>£125.00</b>
<b>Protective guards</b>		
K.CGL	Outdoor unit guard for twin fan outdoor units	<b>£463.00</b>
K.CGFPPL	Front/Back panel for use with K.CGL	<b>£150.00</b>
K.CGM	Outdoor unit guard for single fan outdoor units	<b>£388.00</b>
K.CGFPML	Front/Back panel for use with K.CGM	<b>£117.00</b>
K.CGBPML	Top/Bottom panel for use with K.CGM/L	<b>£79.00</b>
K.CG750S	Outdoor unit guard for EDLQ 05-07	<b>£359.00</b>
K.CG750FPS	Front/Back panel for use with K.CG750S	<b>£133.00</b>
K.CG750BPML	Top/Bottom panel for use with K.CG750S	<b>£92.00</b>
K.CGSIDE	Partial guard to protect side coil	<b>£187.00</b>
<b>Other</b>		
K.SLEEVE	Through wall insulation suitable for 22 & 28mm pipe (19mm tough PVC coat insulation)	<b>£40.00</b>
EKUMBPART	Third party tank connection kit for dry pocket - 3 way valve, pocket sensor and contact wiring harness	<b>£231.00</b>



# Compatibility Table

	Monobloc (Single Fan) EDLQ-CV3	Large NEW Monobloc EDLA-D3V/W3	H-Split (Twin Fan) EPGA-DV	R32 R-Split (Single Fan) ERGA-EVA	R32 R-Split (Single Fan) ERLA-DV3/W1	R32 H HT Split (Single Fan) EPRA-DV3	R410 HT R-Split (Twin Fan) ERSQ 011-016	R410 Hybrid I (single fan) EVLQ-CV3	R32 Hybrid II (single fan) EJHA04AV3
<b>Wall brackets</b>									
K.CWB140-2					✓		✓		
K.CWBLSS					✓		✓		
K.CWBXL	✓			✓				✓	✓
K.CWBXLSS	✓			✓				✓	✓
UK.CWBXL3A			✓						
UK.CWBXXL3A-B		✓							
UK.CBR2XXL-B					✓	✓			
UK.CBR2XXL					✓	✓			
UK.CWBXL3A-B			✓						
<b>Condensate trays</b>									
K.DT1				✓				✓	✓
K.DT2	✓				✓		✓		
UK.DT3			✓						
UK.DT5			✓						
UK.DT4		✓				✓			
<b>Flexi-feet</b>									
K.FF600S	✓			✓	✓	✓			
K.FF600ASN	✓			✓	✓	✓			
UK.FF600S1503		✓	✓						
K.DTFB	✓		✓	✓	✓	✓	✓	✓	✓
UK.DTFB3		✓	✓	✓	✓	✓			
UK.FF600H150				✓	✓	✓	✓	✓	✓
UK.FF600S3A			✓						
<b>Flexi-hoses</b>									
K.HOSE500	✓		✓			✓			✓
K.HOSE750	✓		✓			✓			✓
K.HOSE750EL	✓		✓			✓			✓
<b>Protective guards</b>									
K.CGL							✓		
K.CGFPL							✓		
K.CGM				✓					
K.CGFPM				✓					
K.CGBPML				✓	✓				
K.CG750S	✓								
K.CG750FPS	✓								
K.CG750BPML	✓								
K.CGSIDE	✓								
<b>Third party cylinder connection kits</b>									
EKUMBPART	✓	✓	✓	✓	✓	✓			✓
EKTH3									✓



# Altherma 3 WS

Ambient loop heat pump solution

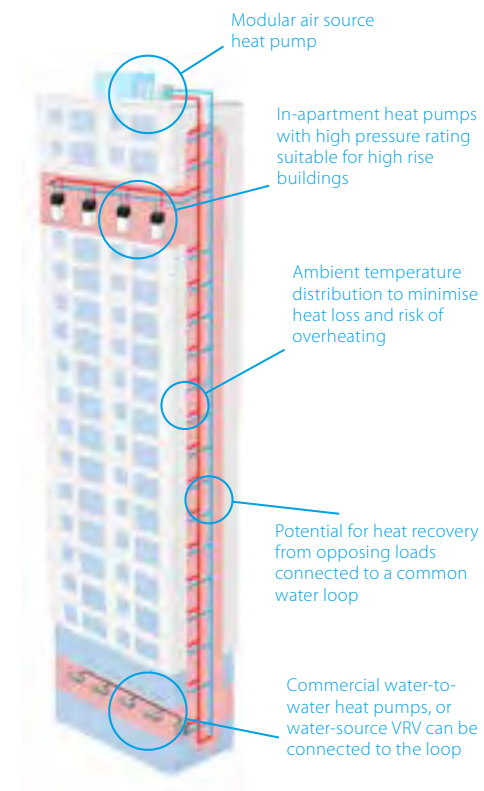
Daikin provides apartment buildings with sustainable and high energy performance heating equipment. Our combined Applied and Residential Heating products offer an integrated system that easily overcomes the practical concerns of both existing and new build apartment developments of all scales.

The Residential EWSA water-to-water heat pump is located within each apartment to efficiently and quietly heat, cool and provide domestic hot water. The EWSA units are connected to a water loop running around the building maintained at ambient temperature.

The system uses the Applied EWYT-B as a central air-source heat pump to maintain the temperature of the ambient loop. This means the Daikin Altherma WS can ensure heating/cooling comfort, sanitary hot water and individual temperature control to the individual dwellings.

This system can also be completed with a wide and flexible range of Daikin emitters, underfloor heating, heat pump convectors or radiators (non Daikin), which allows free choice of the most appropriate solution for the project.

As the system distributes energy around the building at near ambient temperatures, heat losses commonly associated with communal heating systems are all but eradicated. Not only does this save energy but also greatly reduces the risk of overheating.



Learn more here:



## Key system advantages:

- > Utilises renewable (or recovered) energy
- > Low carbon heat pump solution delivers significant CO<sub>2</sub> reductions over traditional systems
- > Low carbon solution helps reduce carbon off set payments
- > Energy centre not required, saving valuable space
- > Heating, hot water and cooling via a 2 pipe network offers capital savings over a traditional 4 pipe solution
- > Intuitive user controls and internet connectivity as standard
- > In-apartment heat pump has integrated back up heater, so heating and hot water is maintained in any eventuality

EWSAH/X-D9W

# Altherma 3 WS



### Accessories:

Accessory Ref	Description	Trade Price
BRC1HHDW	Madoka Heating - White	£92.00
BRC1HHD5	Madoka Heating - Silver	£92.00
BRC1HHDK	Madoka Heating - Black	£92.00
EKPCAB4	PC cable – to upload field settings from PC to unit	£237.00
KRCS01-1	Optional remote temperature sensor for indoor unit(1)	£59.00
EKRP1HBA	Optional PCB kit for remote alarm monitoring, run and fault indication and bivalent operation	£135.00
EKRP1AHT	Optional PCB for power limitation	£135.00
DCOM-LT/MB	Daikin Altherma Modbus Gateway	£260.00
DCOM-LT/IO	Daikin Altherma I/O Gateway	£266.00
K.FERNOXTF1	Fernox magnetic filter 1"	£120.00
K.FERNOXTF1FL	Fernox magnetic filter 1" and F1 inhibitor fluid (500ml)	£141.00
EKGSHYDMOD	Hydro module replacement	£2,550.00
EKUHWG3DS	G3 Kit (8)	£135.00
UK.INBUFFER/10L	10L Inline Buffer Vessel	£229.00
UK.INBUFFER/20L	20L Inline Buffer Vessel	£250.00

Indoor Unit (floor standing)			EWSAH06UD9W	EWSAX06UD9W
			Performance at 25°C inlet temperature	
35°C flow Heating	Min	kW	2	2
	Nom	kW	5.8	5.8
	Max	kW	10.6	10.6
Power input	Nom	kW	0.6	0.6
COP			9.6	9.6
55°C flow Heating	Min	kW	1.3	1.3
	Nom	kW	6.4	6.4
	Max	kW	9.48	9.48
Power input	Nom	kW	1.4	1.4
COP			4.7	4.7
7°C flow Cooling	Capacity	kW	-	9.1
Function			Heating and hot water	Heating, cooling and hot water
Casing	Colour		White	White
	Material		Pre-coated sheet metal	Pre-coated sheet metal
Dimensions	Height x Width x Depth	mm	1,891 x 597 x 666	1,891 x 597 x 666
Weight		kg	222	222
Hot water tank	Material		Stainless steel (EN 1.4521)	Stainless steel (EN 1.4521)
	Water volume	litres	180	180
	Standing losses	kWh/24h	1.4	1.4
	Immersion heater	kW	DHW back up & boost by inline electric back up heater	
Hydraulic characteristics	Energy source/Water loop	mm	28	28
	Water connections DHW	mm	22	22
	Water connections	mm	22	22
	Space heating			
Inlet temperature range		°C	-10 ~ +30	-10 ~ +30
Leaving water temperature range	Heating	°C	+15 ~ +60	+15 ~ +60
	Cooling	°C	+5 ~ +20	+5 ~ +20
	Hot water	°C	+25 ~ +60	+25 ~ +60
Minimum water volume		litres	20	20
Minimum flow rate	Heating	l/min	0	0
	Cooling	l/min	10	10
Sound pressure / power level	Heating	dBA	27.0 / 39.0	27.0 / 39.0
Refrigerant charge	R32	kg	1.7	1.7
Power supply			1-phase / 230V / 50Hz	1-phase / 230V / 50Hz
Recommended fuses	Heat pump**	A	32	32
Pressure Rating		Bar	16	16
Source water flow rate		l/min	9.6	9.6
<b>Trade Unit Price</b>			<b>£6,003.00</b>	<b>£6,499.00</b>

Sound pressure level measured at 1m from the unit

\* ErP Seasonal space heating efficiency data, space cooling and domestic hot water heating please see data book

\*\* Can be reduced to 16 Amp if back up heater can be reduced to 3 kw by commissioning setting

### Commission Packs:

Commission Pack Ref	Description	Net price
UK.FSHEAT/WSCOMMS(3)	Commissioning assistance <10 EWSA-D units	£254.00
UK.FSHEAT/WSCOMMS1(3)	Commissioning assistance 11 to 50 EWSA-D units	£180.00
UK.FSHEAT/WSCOMMS2(3)	Commissioning assistance >50 EWSA-D units	£159.00

### Notes:

- i) Every EWSA-D must be purchased alongside a G3 Kit
- ii) Only one optional remote sensor can be installed
- iii) Commissioning assistance must be purchased alongside each EWSA-D

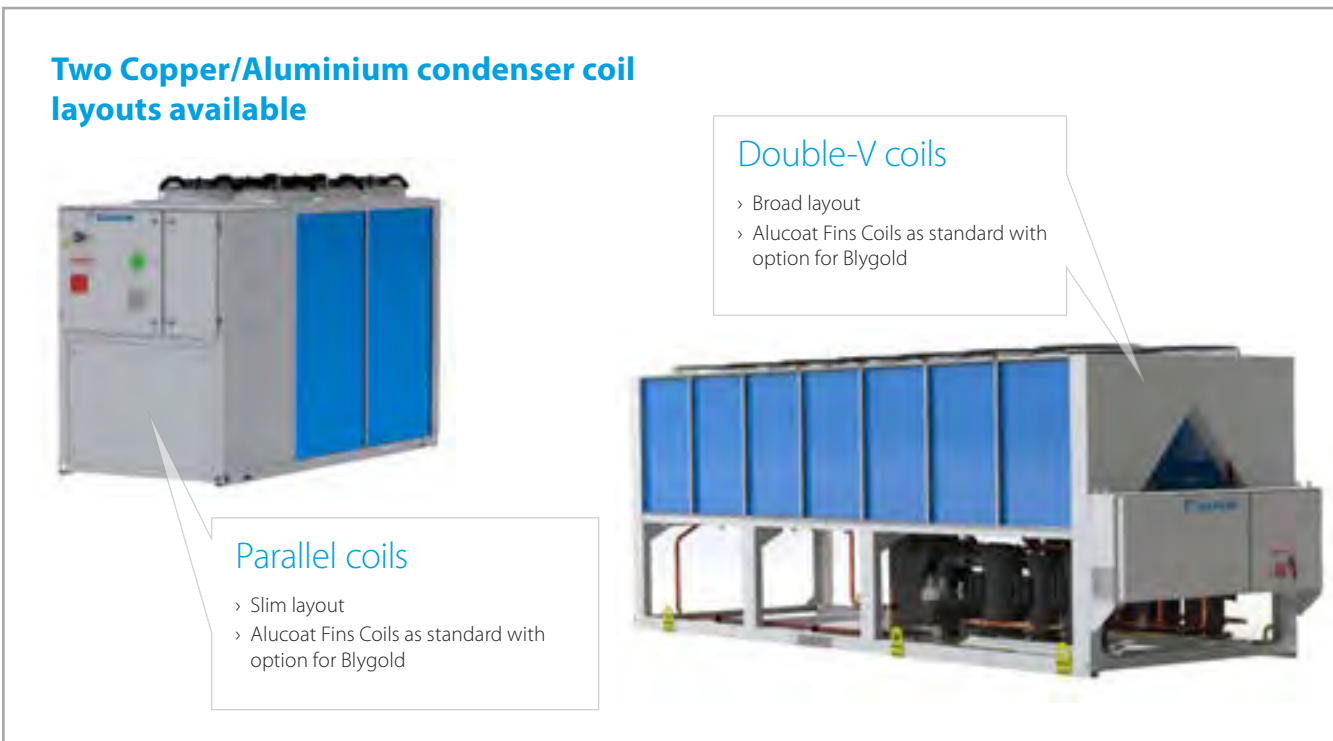
**R-32**

# EWYT~B- A New Generation of Heat Pump Multi-Scroll Chillers for Altherma 3 WS ambient loop

Future proof air cooled heat pump scroll chiller series with refrigerant R32

The best performance and the lowest combined levels of direct and indirect CO<sub>2</sub> emissions

- › Wide Capacity range: Heating 82-650, Cooling 75-610 (Nominal conditions)
- › Top class efficiency, SEER up to 4,92 and SCOP up to 4,06
- › Available in Silver and Gold efficiency versions
- › Dedicated R32 optimised scroll compressors and heat exchangers for hot water production up to 60°C (Nominal conditions)
- › The Global Warming Potential (GWP) of R-32 refrigerant is 675, which is only one third compared to commonly used R-410A refrigerant
- › As a single component refrigerant, R-32 is also easier to recycle and reuse – another environmental plus in its favour
- › Optimised Copper-Aluminium Coils improving performances and de-frosting operation
- › Standard, Low and Reduced sound configurations
- › One or two independent refrigerant circuits
- › Extensive option list including on-board pump kits with or without buffer tank, inverter pump with possibility for variable primary flow control, on-board sequencing
- › Full compatibility with Daikin on-site cloud-based monitoring

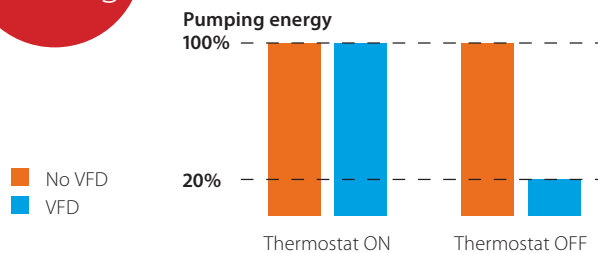


## BLUEEVOLUTION +



### VFD pumps and variable flow control options available

- › Variable pump speed control via external 0-10 volt signal
- › “Thermostat on” and “thermostat off” pump speed management
- › Variable primary flow control



### Connection to Intelligent Chiller Manager

Daikin offers the Intelligent Chiller Manager option, allowing energy optimisation of the system and, when necessary, full customisation of the control solutions, even in more complex installations.

- › High number of units
- › Cooling and Heating mode
- › Peripheral controls

EWYT~B-XRA~

For Altherma 3 WS ambient loop

# Heat Pump – High Efficiency – Reduced Sound



EWYT~B-XR~ R32 Multi-Scroll ASHP Chiller - Cooling & Heating - High Efficiency - Reduced Sound																					
Model	EWYT***B-XRA~		085 <sup>[4]</sup>	115	135	175	215	215 <sup>[4]</sup>	235	265	310	350	400	440	500	560	600	630	650		
Cooling capacity	FWT 20 °C, Amb 35°C, 5K Delta Temp	kW	114	145	173	230	283	292	325	351	399	454	513	570	650	718	775	822	854		
Power input	Cooling design	kW	30	40	49	67	85	79	87	98	111	127	144	160	187	212	230	244	234		
Heating capacity	FWT 25 °C, Amb -5°C, <sup>[4]</sup>	kW	62	81	97	129	161	157	175	189	222	256	289	321	365	406	433	460	468		
Power input heating	Heating <sup>[4]</sup>	kW	18	22	26	34	42	42	47	51	56	64	74	81	93	104	113	120	127		
Capacity control	Method		Staged							Variable											
	Minimum capacity	%	50	38	50	38	50	19	17	25	22	19	17	25	22	19	18	17	17		
EER	Design	kW/kW	3.83	3.59	3.53	3.44	3.33	3.71	3.74	3.59	3.60	3.57	3.57	3.56	3.47	3.38	3.37	3.37	3.66		
SEER	EN14825		4.21	4.37	4.21	4.41	4.16	4.42	4.43	4.13	4.74	4.80	4.82	4.63	4.92	4.89	4.83	4.79	4.72		
ESEER	Cooling (Part L)		4.13	4.18	4.13	4.09	4.08	4.21	4.19	4.04	4.31	4.32	4.30	4.36	4.46	4.41	4.38	4.35	4.05		
COP	Design	kW/kW	3.53	3.61	3.75	3.79	3.82	3.74	3.75	3.73	3.95	3.97	3.91	3.97	3.92	3.89	3.82	3.83	3.68		
SCOP	EN14825		3.66	3.71	3.65	3.83	3.74	3.70	3.82	3.81	4.06	4.01	3.95	4.03	3.99	4.04	4.00	3.98	3.88		
Dimensions	Height	mm	1,801	1,801	1,801	1,801	1,801	1,801	1,801	1,801	2,516	2,516	2,516	2,516	2,516	2,516	2,516	2,516	2,516		
	Width	mm	1,211	1,211	1,211	1,211	1,211	1,211	1,211	1,211	2,224	2,224	2,224	2,224	2,224	2,224	2,224	2,224	2,224		
	Depth	mm	2,825	3,426	3,426	4,028	4,628	5,550	6,223	6,223	4,316	4,316	5,211	5,211	6,112	6,112	7,010	7,010	7,010		
Operating weight		kg	938	941	1,007	1,393	1,564	2,435	1,796	1,827	3,216	3,402	3,751	4,097	4,399	4,656	4,992	5,159	5,159		
Water heat exchanger	Type		Braze plate																		
Water flow rate	Cooling	l/s	5.5	6.9	8.3	11.0	13.5	14.0	15.5	16.8	19.1	21.7	24.5	27.3	31.1	34.4	37.1	39.3	40.9		
Water pressure drop	Cooling	kPa	18.1	27.9	38.5	36.3	52.7	22.7	27.5	31.7	39.8	50.3	62.6	43.7	55.3	60.6	69.5	77.3	82.8		
Water flow rate	Heating <sup>[4]</sup>	l/s	3.7	3.8	4.6	6.2	7.7	9.8	8.4	9.0	10.6	12.2	13.8	15.3	17.4	19.4	20.7	22.0	22.4		
Water pressure drop	Heating <sup>[4]</sup>	kPa	9.2	9.6	13.5	12.8	19.1	11.3	9.0	10.4	13.9	17.8	22.3	15.4	19.5	21.7	24.4	27.1	28.0		
Air heat exchanger	Type		Copper pipe / aluminium fin																		
Compressor	Type		Driven vapour compression (Scroll)																		
	Quantity		2	2	2	2	2	4	4	4	4	4	4	4	5	6	6	6	6		
Fan	Type		Direct propeller																		
	Quantity		6	8	8	10	12	14	16	16	7	8	10	10	12	12	14	14	14		
Sound power level	Cooling Nom. (ISO 9614-1)	dB(A)	77	81	83	85	87	84	85	86	84	84	85	86	86	86	87	87	92		
Sound pressure level	Cooling Nom. (@ 1m)	dB(A)	59	63	65	67	68	65	65	66	64	64	65	65	65	66	66	66	71		
Refrigerant	Type/GWP		R-32/675																		
	Total charge	kg	17	29	30	35	44	50	50	55	70	70	85	100	115	129	144	158	158		
	Quantity of circuits		1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2		
Piping connections	Evaporator water inlet/outlet (OD)	mm	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9		
Electrical data	DOL Starting current Max	A	213	329	343	465	497	412	429	443	572	606	644	674	728	773	811	841	841		
	Running current Cooling Design	A	58	71	83	112	141	136	147	161	190	217	241	270	314	359	387	411	394		
	Running current Max	A	70	87	101	133	165	170	186	201	240	274	312	342	395	441	479	509	509		
	Voltage/Phase/Frequency	V/Ph/Hz	400-3-50																		
<b>EWYT~B-XR~ Trade Price - Including UK Recommended options<sup>[1]</sup></b>			<b>£20,071</b>	<b>£23,484</b>	<b>£25,990</b>	<b>£32,259</b>	<b>£36,900</b>	<b>£43,335</b>	<b>£45,809</b>	<b>£48,209</b>	<b>£57,996</b>	<b>£63,347</b>	<b>POA</b>	<b>POA</b>	<b>POA</b>	<b>POA</b>	<b>POA</b>	<b>POA</b>	<b>POA</b>		
<b>EWYT~B-XR~ Trade Price - Including UK Recommended options &amp; additional options<sup>[2]</sup></b>			<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>£50,706</b>	<b>£53,294</b>	<b>NA</b>	<b>£66,140</b>	<b>£71,639</b>	<b>POA</b>	<b>POA</b>	<b>POA</b>	<b>POA</b>	<b>POA</b>	<b>POA</b>	<b>POA</b>		
<b>EWYT~B-XR~ Trade Price - Including UK Recommended options &amp; additional options<sup>[3]</sup></b>			<b>£24,237</b>	<b>£27,650</b>	<b>£30,156</b>	<b>£36,725</b>	<b>£41,367</b>	<b>£48,052</b>	<b>£50,622</b>	<b>£53,178</b>	<b>£63,033</b>	<b>£68,693</b>	<b>POA</b>	<b>POA</b>	<b>POA</b>	<b>POA</b>	<b>POA</b>	<b>POA</b>	<b>POA</b>		

**Please note:** (Standard and Low noise versions are available)

<sup>[1]</sup> UK Recommended options include:

Reduced sound models: OPT-15 Under/over voltage control, OPT-43 Condenser coil guards, OPT-58 Evaporator flow switch, OPT-75 Rubber antivibration mounts, OPT-114 Nordic kit, OPT-115 Water filter

<sup>[2]</sup> In addition to UK Recommended Options: OPT-16 Energy meter, OPT-155 Daikin on site (with Antenna), OPT-80 Double pump kit low lift, OPT-120G Inverter DPK low lift, OPT-205 Collective housing application

<sup>[3]</sup> In addition to UK Recommended Options: OPT-16 Energy meter, OPT-155 Daikin on site (with Antenna), OPT-78 Single pump kit low lift, OPT-120E Inverter SPK low lift, OPT-205 Collective housing application

<sup>[2]</sup> & <sup>[3]</sup> Heating Loop Options for indicative purposes only: Alternative or additional options to be considered according to specific project requirements

<sup>[4]</sup> 4K heating mode delta temp for EWYT085B-XRA1 and EWYT215B-XRA2 data. 5K heating mode delta temp for all other model sizes data. Zero fouling factor, pure water

<sup>[5]</sup> Mandatory commissioning by Daikin Airconditioning UK



For Altherma 3 WS ambient loop

# Air Cooled Water Chiller Inverter Scroll Compressor - Heat Pump



### Features:

- R-32 refrigerant product with GWP of 675 reduces the environmental impact by 68% compared to R-410A and leads directly to lower energy consumption thanks to its high energy efficiency
- As a single component refrigerant, R-32 is also easier to recycle and reuse
- Daikin inverter scroll compressors on all stages with possibility for MAX mode to increase capacity output
- Available in air cooled cooling only and air source heat pump versions
- Possibility for 60°C Condenser Leaving Water Temperature
- Inverter driven propeller type AXIAL fan
- High efficiency copper fin and aluminium tube type outdoor exchanger with integral sub-cooler and anti-corrosion treatment
- New modern casing design
- Possibility for inverter drive on-board hydronic pump in standard or high lift
- New MicroTech 4 controller allowing full compatibility with optional Daikin on-site, cloud-based monitoring

Air Cooled - R32 Inverter Scroll Compressor - Heat Pump																			
Model	EWYT***CZ	EWYT016CZBA1		EWYT021CZBA1		EWYT025CZBA1		EWYT032CZBA1		EWYT040CZBA1		EWYT040BCZBA2		EWYT050CZBA2		EWYT064CZBA2		EWYT090CZBA2	
Operating Mode		Normal	Max	Normal	Max	Normal	Max	Normal	Max	Normal	Max	Normal	Max	Normal	Max	Normal	Max	Normal	Max
Cooling capacity	FWT 20°C, Amb 35°C, kW 5K Delta Temp	22.7	25.9	31.1	35.7	36.5	41.5	46.4	54.8	57.0	65.0	59.5	70.4	72.6	82.7	91.1	102.8	126.4	140.0
Power input	Cooling design kW	5.91	7.64	7.18	9.68	9.59	12.1	11.3	15.0	14.3	18	14.6	19.9	19.1	24.2	24.3	31.2	34.1	42.7
Heating capacity	FWT 25°C, Amb -5°C, <sup>[1]</sup> kW	11.5	13.1	14.67 <sup>[1]</sup>	17.23 <sup>[1]</sup>	17.7	20.2	23.3	25.9	28.0	32.0	29.3 <sup>[1]</sup>	34.7	35.4	40.6	44.1	49.1	61.7	68.0
Power input heating	Heating kW	3.08	3.61	3.82	4.66	4.93	5.92	6.06	7.50	7.70	9.30	7.70	9.48	10.10	12.20	12.40	15.10	17.90	21.40
Capacity control	Method	Variable (Inverter)																	
	Minimum capacity %	18		14		12		19		15		14		12		15		14	
EER	Design kW/kW	3.85	3.40	4.19	3.68	3.81	3.42	4.11	3.67	4.00	3.60	4.07	3.54	3.80	3.42	3.75	3.30	3.71	3.30
SEER	EN14825	5.00	5.00	5.00	5.00	5.06	5.06	5.21	5.21	5.10	5.8	5.41	5.41	5.33	5.33	5.21	5.21	5.03	5.80
COP	Design kW/kW	3.75	3.62	3.84	3.70	3.59	3.42	3.84	3.46	3.70	3.40	3.79	3.66	3.52	3.34	3.56	3.25	3.44	3.20
SCOP	EN14825	3.89	3.89	4.00	4.00	4.07	4.07	4.06	4.06	4.10	5.1	4.02	4.02	4.00	4.00	3.98	3.98	4.00	5.00
Dimensions	Height mm	1878		1878		1878		1878		1878		1878		1878		1878		1878	
	Width mm	1152		1152		1152		1753		1753		2304		2304		2905		3506	
	Depth mm	810		810		810		810		810		810		810		810		810	
Operating weight	kg	281		282		282		426		426		565		565		709		856	
Water heat exchanger	Type	Braze plate																	
Water flow rate	Cooling l/s	1.09	1.25	1.45	1.71	1.75	1.99	2.23	2.64	2.60	2.6	2.86	3.38	3.49	3.97	4.38	4.94	6.07	6.6
Water pressure drop	Cooling kPa	38.1	48.3	22.0	29.9	31.1	39.2	37.0	50.1	49.5	50.1	19.2	26.1	27.6	34.9	41.5	51.7	38.8	44.7
Water flow rate	Heating l/s	0.55	0.62	0.87	1.03	0.84	0.97	1.11	1.24	1.40	1.5	1.75	2.07	1.69	1.94	2.11	2.34	2.95	3.3
Water pressure drop	Heating kPa	11.1	13.8	8.9	11.9	8.3	10.6	10.6	12.4	15.0	18.8	8.0	10.8	7.5	9.6	11.1	13.5	10.6	12.6
Air heat exchanger	Type	Cu/Al - Copper tube Aluminium fin exchanger																	
Compressor	Type	Hermetically Sealed Scroll Compressor																	
	Quantity	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2
Fan	Type	Axial/VFD																	
	Quantity	1	1	1	1	2	2	2	2	2	2	2	2	3	4				
Sound power level	Cooling Nom. (ISO 9614-1) dB(A)	76	76	78	79	80	80	81	83	85									
Sound pressure level	Cooling Nom. (@ 1m) dB(A)	60	60	62	62	63	63	64	65	67									
Refrigerant	Type/GWP	R32/675																	
	Total charge kg	3	5.5	5.5	7	8	12	12	13	16									
	Quantity of circuits	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2
Piping connections	Evaporator water inlet/outlet (OD) mm	1 1/4" (Female)	1 1/4" (Female)	1 1/4" (Female)	1 1/4" (Female)	1 1/4" (Female)	1 1/4" (Female)	1 1/4" (Female)	2" (Female)	2" (Female)	2" (Female)	2" (Female)	2" (Female)	2" (Female)	2" (Female)	2" (Female)	2" (Female)	2" (Female)	2" (Female)
Electrical data	Running current Cooling Design A	13.8	15.0	15.5	18.0	18.1	21.0	25.3	29.0	28.6	32.0	29.5	34.0	34.2	40.0	45.8	53.0	61.7	70.0
	Running current Max A	18.8	19.0	23.1	23.0	25.8	26.0	37.4	37.0	41.8	42.0	45.2	45.0	50.7	51.0	66.7	67.0	91.4	91.0
	Voltage/Phase/Freq	V/Ph/Hz																	
<b>Base Unit + Op.191</b>		<b>EWYT016CZBA1</b>	<b>EWYT021CZBA1</b>	<b>EWYT025CZBA1</b>	<b>EWYT032CZBA1</b>	<b>EWYT040CZBA1</b>	<b>EWYT040BCZBA2</b>	<b>EWYT050CZBA2</b>	<b>EWYT064CZBA2</b>	<b>EWYT090CZBA2</b>									
<b>Trade Price - Base Unit + Op.191</b>		<b>£7,833.00</b>	<b>£9,072.00</b>	<b>£10,232.00</b>	<b>£11,873.00</b>	<b>£14,087.00</b>	<b>£15,455.00</b>	<b>£16,890.00</b>	<b>£19,659.00</b>	<b>£26,499.00</b>									

### Pump Options

Model	EWYT016CZPBA1	EWYT021CZPBA1	EWYT025CZPBA1	EWYT032CZPBA1	EWYT040CZPBA1	EWYT040BCZPBA2	EWYT050CZPBA2	EWYT064CZPBA2	EWYT090CZPBA2
<b>Low Lift Pump</b>	<b>240</b>	<b>230</b>	<b>200</b>	<b>180</b>	<b>160</b>	<b>190</b>	<b>160</b>	<b>210</b>	<b>170</b>
<b>Trade Price - Base Unit + Low Lift Pump + Op.191</b>	<b>£8,550.00</b>	<b>£10,050.00</b>	<b>£11,221.00</b>	<b>£13,095.00</b>	<b>£15,588.00</b>	<b>£16,824.00</b>	<b>£18,484.00</b>	<b>£21,338.00</b>	<b>£29,981.00</b>

Model	EWYT016CZHBA1	EWYT021CZHBA1	EWYT025CZHBA1	EWYT032CZHBA1	EWYT040CZHBA1	EWYT040BCZHBA2	EWYT050CZHBA2	EWYT064CZHBA2	EWYT090CZHBA2
<b>High Lift Pump</b>	<b>470</b>	<b>460</b>	<b>420</b>	<b>400</b>	<b>370</b>	<b>400</b>	<b>360</b>	<b>325</b>	<b>280</b>
<b>Trade Price - Base Unit + High Lift Pump + Op.191</b>	<b>£8,941.00</b>	<b>£10,342.00</b>	<b>£11,481.00</b>	<b>£13,308.00</b>	<b>£16,173.00</b>	<b>£17,278.00</b>	<b>£18,905.00</b>	<b>£21,729.00</b>	<b>£30,407.00</b>

### Please note:

[1] 4K Δt heating mode delta temp for EWYT021CZ(N/P/H)BA1 (Normal & Max Mode) and EWYT040CZ(N/P/H)BA2 (Normal Mode). 5K Δt heating mode delta temp for all other model sizes data. Zero fouling factor, pure water.

[2] Commissioning by Daikin Air Conditioning UK is mandatory and can be arranged through your regional service department.

### Accessories:

Accessory Ref	Description	Trade Price
EKTSM5	Temperature sensor for master/slave configuration	<b>£51.00</b>
EKRSCIO	IO Extension for VPF, domestic hot water, demand limit, setpoint reset, low noise	<b>£151.00</b>
EKRSCBMS	External BMS Communication (Modbus RTU/TCP, Bacnet MSTP/IP)	<b>£165.00</b>

Accessory Ref	Description	Trade Price
EKRSCSM	DoS Router c/w Antenna & M2M Sim Card	<b>£165.00</b>
EKRSCDP	Differential Pressure Transducer for VPF	<b>£1,000.00</b>

# The Daikin Altherma Flex Heat Pump for Domestic Hot Water Production

The Daikin Altherma Flex heat pump is ideal for providing domestic hot water in large residential and commercial buildings.

## Centralised system

The hydroboxes are located in a central plant area to create a centralised system capable of heating multiple small or large volume domestic hot water calorifiers.

The centralised hydroboxes offer modular system scalability and capacity to meet the hot water demand for the building.



## Hot Water Cylinders EKHTSU

Domestic hot water cylinder	UK.EKHTSU200AC	UK.EKHTSU260AC
Type	Unvented System (Includes EKHWHWTB)	
Max Water Temperature	75 °C	75
Height	1335 mm	1610
Width	600 mm	600
Depth	695 mm	695
Empty Weight	70 kg	78
Colour	Metallic grey	
Material Inside Tank	Stainless Steel	
Material Outside Casing	Precoated sheet metal	
Power supply	1-phase / 230V / 50Hz	
Piping Connections	All inch	3/4 "
Insulation	mm	80
Heat loss / 24 hour Δt 45°C	1.2	1.5
Energy Efficiency Class	B	B
Standing Heat Loss	W	63
Storage Volume	L	260
<b>Trade Unit Price</b>	<b>£1,452.00</b>	<b>£1,644.00</b>

### Notes:

- i) Refnet joint prices can be found on page 154 of commercial price book
- ii) Commissioning assistance should be included for each hydrobox
- iii) DHW cylinder required for hot water function
- iv) Supplied with 3 way valve and G3 safety kit (EKUHWHTB)

## Accessories:

Accessories for hydrobox	Description	Trade price
EKRP1AHT	Optional PCB for demand control	£135.00
EKRP1HBA	Optional PCB for remote alarm monitoring	£135.00
RTD-W	MODBUS interface for HT hydrobox	£269.00
UK.FB2	Fixing box for RTD-W	£30.00
EKCC8-W	Sequence controller	£835.00
EKCLWS	Additional thermistor for sequence controller	£96.00
EKRUAHTB <sup>(1)</sup>	Remote user interface	£207.00
EKBUA6V3 <sup>(2)</sup>	In line back up heater 6kW, 1-phase, 230V	£601.00
EKBUA6W1 <sup>(2)</sup>	In line back up heater 6kW, 3-phase, 400V	£601.00
EKFMAHTB	Kit for standalone installation	£364.00
K.FERNOXTF1	Fernox magnetic filter 1"	£120.00
K.FERNOXTF1FL	Fernox magnetic filter 1" and F1 inhibitor fluid (500ml)	£141.00
UK.FSHEAT/WSCOMMS <sup>(3)</sup>	Commissioning assistance per hydrobox 1 to 10 hydroboxes	£254.00
UK.FSHEAT/WSCOMMS1 <sup>(3)</sup>	Commissioning assistance per hydrobox 11 to 50 hydroboxes	£180.00
UK.FSHEAT/WSCOMMS2 <sup>(3)</sup>	Commissioning assistance per hydrobox >50 hydroboxes	£159.00
	Daikin full commissioning	POA

### Notes:

- i) EKRUAHTB: 1 included with each hydrobox<sup>(1)</sup>
- ii) EKBUA6V3(W1): Also requires EKRP1AHT<sup>(2)</sup>
- iii) UK.FSHEAT/WSCOMMS: Commissioning assistance should be included for each hydrobox<sup>(3)</sup>

**R-410A** **R-134a**

# Daikin Altherma Flex Communal Heat Pump

Daikin Altherma Flex type is a specialist hot water system for schools, public buildings, hotels, gyms and apartments. It fully incorporates the use of renewable energy sources, making large buildings more environmentally sustainable by increasing energy efficiency – thus delivering lower running costs and CO<sub>2</sub> emissions.



## Altherma Flex Outdoor Units [EMRQ](#)

Outdoor Units			EMRQ8AB	EMRQ10AB	EMRQ12AB	EMRQ14AB	EMRQ16AB
Capacity	Nominal DHW Heating	kW	22.4	28.0	33.6	39.2	44.8
Dimensions	Height x Width x Depth	mm	1680 x 1300 x 765	1680 x 1300 x 765	1680 x 1300 x 765	1680 x 1300 x 765	1680 x 1300 x 765
Weight		kg	331	331	331	339	339
Air Flow Rate		m <sup>3</sup> /min	190	190	210	235	240
External Static Pressure	High	Pa	78.4	78.4	78.4	78.4	78.4
Electrical Details	Power Supply		3-phase / 400V / 50Hz	3-phase / 400V / 50Hz	3-phase / 400V / 50Hz	3-phase / 400V / 50Hz	3-phase / 400V / 50Hz
	Starting current	amps	4	4	4	4	4
	Nominal running Current*	amps	7.6	9.9	12.6	14	16.9
	Maximum running current	amps	17.1	22.1	22.3	32.8	33.0
	Fuse Rating	amps	20	25	25	40	40
Domestic hot water heating**	Average climate	Class	A	A	A	A	A
		η <sub>wh</sub>	93	93	93	84	93
		Declared load profile	XL	XL	XL	XL	XL
Refrigerant Circuit	Refrigerant Type		R410A	R410A	R410A	R410A	R410A
	Refrigerant Charge	kg	10.3	10.6	10.8	11.1	11.1
	Additional Charge	kg			Refer to Databook		
Sound Pressure		dB(A)	58	58	60	62	63
Piping Limits	Maximum Length	m	100	100	100	100	100
	Maximum Vertical Rise	m	40	40	40	40	40
Piping Connections	Liquid	mm	9.52	9.52	12.7	12.7	12.7
	Discharge	mm	15.9	19.1	19.1	22.2	22.2
	Gas	mm	19.1	22.2	28.6	28.6	28.6
Capacity Index Limit			100~260	125~325	150~390	175~455	200~520
Maximum Number of Connected Indoor Units			5	6	7	9	10
<b>Trade Condensing Unit Price</b>			<b>£6,196.00</b>	<b>£6,500.00</b>	<b>£7,505.00</b>	<b>£8,849.00</b>	<b>£10,426.00</b>

\* Nominal running current stated at -3°C ambient air temperature & 75°C leaving water temperature 100% connection ratio

\*\* With 100% connection ratio combination

**R-410A R-134a**

# Daikin Altherma Flex Communal Heat Pump



## Daikin Altherma Flex Indoor Units **EKHBRD**

Indoor Unit (Hydrobox)		EKHBRD 011ADV017	EKHBRD 014ADV17	EKHBRD 016ADV17	EKHBRD 011ADY17	EKHBRD 014ADY17	EKHBRD 016ADY17	
Function		Hot water						
Heating Capacity	kW	11	14	16	11	14	16	
Cooling capacity	kW	n/a						
Capacity Index		100	125	140	100	125	140	
Dimensions	Height x Width x Depth	705 x 600 x 695	705 x 600 x 695	705 x 600 x 695	705 x 600 x 695	705 x 600 x 695	705 x 600 x 695	
Empty Weight	kg	145	145	145	148	148	148	
Leaving Water Temperature Range	Heating	°C	25~80	25~80	25~80	25~80	25~80	
Drain valve		Yes	Yes	Yes	Yes	Yes	Yes	
Water Pump		92	88	85	92	88	85	
Expansion Vessel		12 litres	12 litres	12 litres	12 litres	12 litres	12 litres	
Material		Precoated sheet metal	Precoated sheet metal	Precoated sheet metal	Precoated sheet metal	Precoated sheet metal	Precoated sheet metal	
Colour		Metalic Grey	Metalic Grey	Metalic Grey	Metalic Grey	Metalic Grey	Metalic Grey	
Electrical Details	Power Supply	1-phase / 230V / 50Hz	1-phase / 230V / 50Hz	1-phase / 230V / 50Hz	3-phase / 400V / 50Hz	3-phase / 400V / 50Hz	3-phase / 400V / 50Hz	
	Starting current	amps	4	4	4	4	4	
	Nominal running Current*	amps	11.6	15.1	18.1	4.3	5.6	6.7
	Maximum running current	amps	22.5	23.8	23.8	12.5	12.5	12.5
	Fuse Rating	amps	25	25	25	16	16	16
Refrigerant Pipe Sizes	mm	15.9 Gas, 9.52 Liquid	15.9 Gas, 9.52 Liquid	15.9 Gas, 9.52 Liquid	15.9 Gas, 9.52 Liquid	15.9 Gas, 9.52 Liquid	15.9 Gas, 9.52 Liquid	
Water Side Pipe Sizes		1" Female	1" Female	1" Female	1" Female	1" Female	1" Female	
Sound Pressure Level	dB(A)	43	45	46	43	45	46	
Refrigerant		R134a Cascade						
<b>Trade Unit Price Hydro Box</b>		<b>£3,883.00</b>	<b>£3,952.00</b>	<b>£4,071.00</b>	<b>£3,959.00</b>	<b>£4,029.00</b>	<b>£4,151.00</b>	

\* Nominal running current stated at -3°C ambient air temperature & 75°C leaving water temperature 100% connection ratio

## Pre Selected Combinations

Heating capacity <sup>(1)</sup> A7W35	kW	28.0		31.4		42.0		47.0	
Heating capacity <sup>(2)</sup> A-3W65	kW	23.9		26.7		34.3		38.7	
Outdoor unit		1 x EMRQ8	£6,196.00	1 x EMRQ10	£6,500.00	1 x EMRQ12	£7,505.00	1 x EMRQ14	£8,849.00
Hydroboxes		2 x EKHBRD014ADV1	£7,904.00	2 x EKHBRD016ADV1	£8,142.00	3 x EKHBRD014ADV1	£11,856.00	3 x EKHBRD016ADV1	£12,213.00
Demand PCBs		2 x EKRP1AHT	£270.00	2 x EKRP1AHT	£270.00	3 x EKRP1AHT	£405.00	3 x EKRP1AHT	£405.00
Refnets		1 x KHRQ22M29T9	£44.00	1 x KHRQ22M29T9	£44.00	1 x KHRQ22M64H	£183.00	1 x KHRQ22M64H	£183.00
<b>Trade Price</b>		<b>£14,414.00</b>		<b>£14,956.00</b>		<b>£19,949.00</b>		<b>£21,650.00</b>	

[1] Heating ambient air temperature 7°C and leaving water temperature 35°C

[2] Heating ambient air temperature -3°C and leaving water temperature 65°C, capacity stated net of 1 defrost cycle per hour

### Notes:

- i) Refnet joints can be found on page 154 of commercial price book
- ii) Commissioning assistance should be included per hydrobox
- iii) DHW cylinder required for hot water function
- iv) See page 38 - 41 for accessories









## Daikin UK Price Book 2022

# Hybrid Heat Pump/Gas Boiler

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R-410A

## Daikin Altherma Hybrid Heat Pump System

Refrigerant Split version - F-Gas required

The Daikin Altherma Hybrid Heat Pump System is a unique solution. It combines a high-efficiency gas combi boiler with a renewable energy air-to-water heat pump, all in one efficient, compact heating system.

### Daikin Altherma Hybrid Heat Pump System

**The smart hybrid logic automatically selects the most energy-efficient and cost-effective operation based on the user's energy tariff at any given temperature. This makes it the most efficient solution on the market.**

- › Suitable for heating systems requiring flow temperatures up to 80°C
- › Eligible for RHI when fitted with required heat and electric meters
- › Single compact indoor unit to minimise space
- › No DHW tank needed – hot water delivered by combi boiler
- › Suitable for LPG applications for even higher running cost savings
- › Simple easy to use backlit control using energy tariffs for automatic control
- › All key components built in: A-label pump, expansion vessel, pressure relief
- › Heat pump capacity: 5 and 8kW
- › Boiler output CH 27kW (80/60) and DHW 33kW (13 l/min at  $\Delta T$  35K)
- › Boiler SAP 2012 rated 89.1% (natural gas) and 90.1% (LPG)
- › Dedicated training courses available



**R-410A**

EVLQ / EHYHBH / EHYKOMB

# Hybrid Heat Pump System



Outdoor Units			EVLQ05CV3	EVLQ08CV3
Dimensions	Height x Width x Depth	mm	735 x 832 x 307	735 x 832 x 307
Weight		kg	54	56
Nominal capacity	Heating	kW	4.4	7.4
Nominal input	Heating	kW	0.87	1.66
COP	Heating		5.04	4.45
Seasonal space heating efficiency*	Space heating (Average climate) 55°C	Class	A++	A++
		Efficiency	128	127
		SCOP	3.28	3.24
Domestic hot water heating*	Average climate	Class	A	A
		η <sub>wh</sub>	95	95
		Declared load profile	XL	XL
Operation range (ambient)	Heating	°C	-25~25	-25~25
Sound pressure / power level	Heating	dB(A)	48 / 61	49 / 62
Refrigerant charge	R-410A	kg	1.45	1.6
Piping connections	Liquid	inch	1/4"	1/4"
	Gas	inch	5/8"	5/8"
Max piping length OU to IU		m	20	20
Power supply			1-phase / 230V / 50Hz	1-phase / 230V / 50Hz
Recommended fuses		A	20	20
SAP ID		55°C/45°C/35°C	102581 / 102582 / 102583	102591 / 102592 / 102593

\* When combined with matching indoor unit

Indoor Unit and boiler wall hung (1 combined unit)			
Indoor Unit (heat pump)		EHYHBH05AV32	EHYHBH08AV32
Function		Heating Only	Heating Only
To use with		EVLQ05CV3	EVLQ08CV3
Dimensions	Height x Width x Depth	mm	1075 x 450 x 164
Weight		kg	30
Leaving water temperature range	Heating	°C	25~55
Minimum water volume		litres	13.5
Minimum flow rate		l/min	7
Pump	No. of speeds	Inverter controlled	
Expansion vessel volume		litres	10
Minimum water volume		litres	13.5

Indoor Unit (boiler)			EHYKOMB33AA2
Function			Heating only
Compatible indoor unit			EHYHBH05AV32 EHYHBH08AV32
Dimensions	Height x Width x Depth	mm	710 x 450 x 240
Max dimensions (boiler and heat pump)	Height x Width x Depth	mm	1075 x 450 x 405
Weight		kg	36
Capacity (heating)	Minimum	kW	7.6
	Maximum	kW	27
Capacity (hot water)	Minimum	kW	7.6
	Maximum	kW	32.7
Leaving water temperature range	Heating	°C	15 ~ 80
	Hot water	°C	40 ~ 65
DHW flow rate ΔT 35K	Hot water	l/min	13.1
Heating connections	Diameter	mm	22
DHW connections	Diameter	mm	15
Gas connection	Diameter	mm	15
IP rating			IP44
Device type			C13, C33
Supply pressure	Natural gas (G20)	mbar	20
	LPG (G31)	mbar	28-50
Nox class			5
Flue gas connection			60/100
Maximum flue length, 60/100		m	10
Maximum flue length, 80/125		m	29
SAP 2012		%	89.1 (NG) / 90.1 (LPG)

Nominal capacity and nominal input tested according to EN 14511 at the following conditions:  
 Heating: Ambient air temperature 7°C and leaving water temperature 35°C (A7 W35)  
 Sound pressure level measured at 1m from the unit

**R-410A**

EVLQ / EHYHBH / EHYKOMB

## Hybrid Heat Pump System



Part Number	Description	Trade Price
<b>UK.HYBRID05B33</b>	<b>Hybrid 5kW pack</b>	<b>£4,419.00</b>
	This pack contains:	
EVLQ05CV3	Outdoor unit: 5kW, 1-phase, 230V	£1,412.00
EHYHBH05AV32	Hydrobox: 5kW, 1-phase, 230V	£1,527.00
EHYKOMB33AA2	Hybrid combi boiler: 33/27kW	£1,290.00
EKRUCBL2	User interface	£110.00
EKHY093467	Pipe cover plate	£22.00
EKVK3A	Hybrid valve pack	£58.00
<b>UK.HYBRID08B33</b>	<b>Hybrid 8kW pack</b>	<b>£5,007.00</b>
	This pack contains:	
EVLQ08CV3	Outdoor unit: 8kW, 1-phase, 230V	£1,929.00
EHYHBH08AV32	Hydrobox: 8kW, 1-phase, 230V	£1,598.00
EHYKOMB33AA2	Hybrid combi boiler: 33/27kW	£1,290.00
EKRUCBL2	User interface	£110.00
EKHY093467	Pipe cover plate	£22.00
EKVK3A	Hybrid valve pack	£58.00

Daikin Altherma Hybrid Heat Pump System

## Hybrid Tank Connection Kits

Part Number	Description	Trade Price
EKEPHT3H	<b>Daikin thermal store (EKHWP)</b>	<b>£228.00</b>
	This pack contains:	
	3 way valve (Honeywell)	
	Tank sensor (HT + adapter)	
	2 x isolation valves	
	T-piece	
EKHY3PART	<b>Third party tank – dry pocket sensor</b>	<b>£189.00</b>
	This pack contains:	
	3 way valve (ESBE)	
	Tank sensor (LT)	

### Accessories:

Accessory Ref	Description	Trade Price
EKRUCBL2	User interface	£110.00
EKHY093467	Pipe cover plate	£22.00
EKVK3A	Hybrid valve pack	£58.00
EKHY075787	LPG conversion kit	£22.00
EKHY090717	Flue adapter 80/125	£22.00
EKPCCAB4	PC cable – to upload field settings from PC to unit or spare controller	£237.00
EKR1HBA	Optional PCB kit for remote alarm monitoring, run and fault indication and solar interlock	£135.00
EKRUCBS	Optional simplified room thermostat	£103.00
EKRSC1*	Optional remote temperature sensor for outdoor temperature (see note)	£78.00
KRCS01-1*	Optional remote temperature sensor for indoor temperature (see note)	£59.00
EKFT008CA	U-beams to mount the outdoor unit EVLQ05CV3	£106.00
EKDP008C	Drainpan and U-beams for outdoor unit EVLQ05CV3	£151.00
EKDPH008C	Heater mat for drainpan (EKDP008C)	£231.00
K.FF600ASN	Pair of flexi-feet, 100mm height, for mounting outdoor unit	£60.00
K.CWB140-2	Wall bracket for outdoor unit (140kg, 540mm long, 2 arms)	£58.00
K.CWBL55	Wall bracket for outdoor unit (140kg, 540mm long, 2 arms) - Stainless Steel	£176.00
K.DT1	Condensate drip tray (800 x 400 x 50mm)	£68.00
K.CG750S	Outdoor unit guard	£359.00
K.FERNOXTF1	Fernox magnetic filter 1"	£120.00
K.FERNOXTF1FL	Fernox magnetic filter 1" and F1 inhibitor fluid (500ml)	£141.00
RHEATMETH	<b>Heat meter for domestic RHI (for Altherma hybrid only)</b>	<b>£223.00</b>
	M-Bus enabled for Daikin remote monitoring cloud using RGATEWAY and RELECMETV	
	MID Class 3 heat meter delivered with body, digital interface and 2 x flow temperature sensors	
RELECMETV	<b>Electric meter for domestic RHI (for Altherma hybrid only)</b>	<b>£164.00</b>
	M-Bus enabled for Daikin remote monitoring cloud using RGATEWAY and RHEATMETH	
	MID Class A electric meter to measure the electricity consumption of the Daikin Altherma heat pump	
RGATEWAY	<b>Communication Gateway for domestic RHI (for Altherma hybrid only)</b>	<b>£305.00</b>
	M-Bus enabled for Daikin remote monitoring cloud using RHEATMETH and RELECMETV	
	Permanent internet connection required via a third party local router	
BRP069A62	Daikin ONECTA App	<b>£157.00</b>

Notes: i) \* Only one optional remote sensor can be installed

### Features:

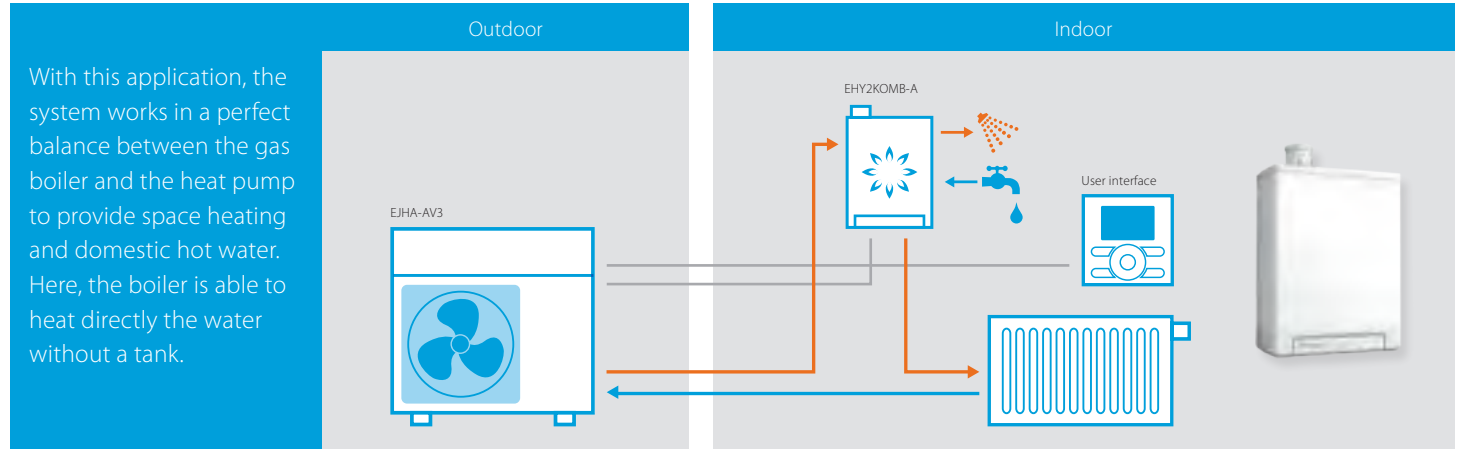
- > Revolutionary hybrid heat pump system with higher efficiency and higher running cost savings than condensing boiler alone
- > Boiler can be converted to run on LPG
- > Delivered as a set including outdoor unit, indoor unit, boiler, controller and pipe cover plate
- > Flues ordered separately

Part Number	Description	Trade Price
EKHY3PART2	<b>Third party tank – for third party thermostat</b>	<b>£229.00</b>
	This pack contains:	
	3 way valve (ESBE)	
	Wire harness	

# Hybrid Monobloc (R32) Heat Pump System

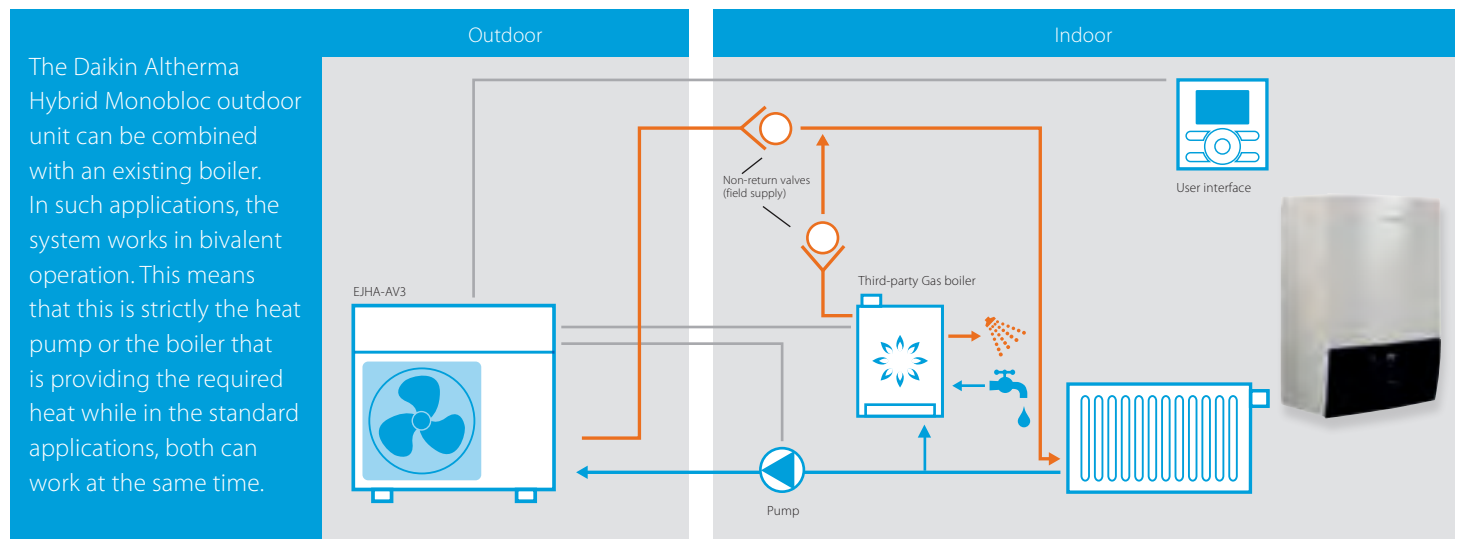
## Heat pump

- › **Environmentally friendly:** reduced environmental impact thanks to the usage of R32 refrigerant
- › **Outdoor unit with sealed refrigerant circuit,** which greatly reduces the risk of refrigerant leakage
- › **Easy and quick installation** as all hydraulics components are outside
- › **Water connections only** between outdoor and indoor unit, so no F-gas certificate required
- › **Performance in every condition:** the unit can work down to -15°C outside thanks to multiple freeze protections
- › **Bluevolution technology** combines very high efficient compressors developed by Daikin with the future of refrigerants: R32



## Condensing boiler

- › **Flexible installation:** Compact indoor unit can be installed in a cupboard
- › **Condensing technology:** uses optimum fuel efficiency, with reduced emissions of NOx and CO, to ensure high cost savings and environmentally-friendly operation
- › **Plug & Play** as the pump group is integrated inside





**R-32** BLUEEVOLUTION

EJHA / EHYKOMB

## Hybrid Monobloc (R32) Heat Pump System



Hybrid technology combining condensing gas and air-to-water heat pump for heating and hot water

- › Heating only models
- › Depending on outdoor temperature, energy prices and internal heat load, the Daikin Altherma H Hybrid heat pump always selects the most economical mode to operate
- › Low investment cost: no need to replace the existing radiators (up to 80°C) and pipe work
- › Provides sufficient heat in renovation applications as all heat loads are covered up to 32kW
- › Easy and fast installation thanks to the compact dimensions and water connections

Outdoor Units			EJHA04AV3
Trade Price			£1,750.00
Dimensions	Height x Width x Depth	mm	745 x 845 x 329
Weight		kg	45
Nominal capacity	Heating	kW	3.83
Nominal input	Heating	kW	0.85
COP	Heating		4.49
Operation range (ambient)	Heating	°C	-15 ~ 25
Sound pressure / power level	Heating	dB(A)	37 / 58.7
Rated airflow		m³/h	1,698
Refrigerant charge	R32	kg	0.56
Piping connections	Water inlet/outlet	inches	1" (male)
Max piping length OU to DHW cylinder		m	10
Power supply			1-phase / 230V / 50Hz
Recommended fuses		A	20

Indoor Unit (boiler)			EHY2KOMB28A	EHY2KOMB32A
Trade Price			£1,020.00	£1,240.00
Expansion vessel & valves (must be ordered separately)			EKFJM1A	EKFJL1A
User interface (must be ordered separately)			EKRUHML1	EKRUHML1
Function			Heating only	Heating only
Compatible outdoor unit			EJHA04AV3	EJHA04AV3
Dimensions (with backpack)	Height x Width x Depth	mm	830 x 450 x 335	890 x 450 x 335
Weight (with backpack)		kg	43.5	46.7
Seasonal space heating efficiency*	Space heating (Average climate) 55°C	Class	A++	A++
		Efficiency	128	128
		SCOP	3.26	3.28
Seasonal space heating efficiency*	Space heating (Average climate) 35°C	Class	A++	A++
		Efficiency	163	163
		SCOP	4.14	4.15
Domestic hot water heating*	Average climate	Class	A	A
		Declared load profile	XL	XL
Capacity (heating)	Minimum	kW	7.1	7.4
	Maximum	kW	26.3	30.0
Capacity (hot water)	Minimum	kW	7.2	7.6
	Maximum	kW	29.1	32.7
Leaving water temperature range	Heating	°C	30 - 90	30 - 90
	Hot water	°C	40 - 65	40 - 65
Minimum water volume		litres	20	20
Minimum flow rate		l/min	7	7
DHW flow rate ΔT 35K	Hot water	l/min	10.5	13.0
Heating connections	Diameter	mm	22	22
DHW connections	Diameter	mm	15	15
Gas connection	Diameter	mm	15	15
IP rating			IP44	IP44
Device type			C13, C33	C13, C33
Supply pressure	Natural gas (G20)	mbar	20	20
	LPG (G31)	mbar	28-50	28-50
Nox class			6	6
Flue gas connection			60/10	60/10
Maximum flue length, 60/100		m	10	10
Maximum flue length, 80/125		m	29	29
SAP 2012		%	89.1	88.8
SAP ID	55°C / 45°C / 35°C		190012 / 190015 / 190011	190014 / 190016 / 190013

\*When combined with matching outdoor unit

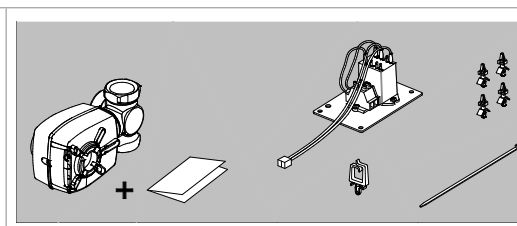

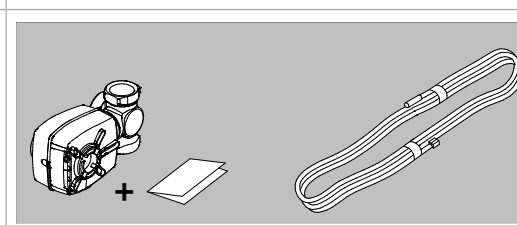

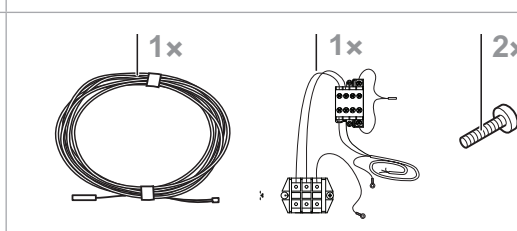
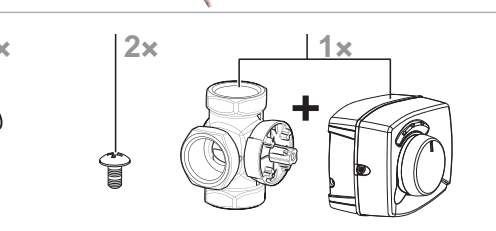
Nominal capacity and nominal input tested according to EN 14511 at the following conditions:  
Heating: Ambient air temperature 7°C and leaving water temperature 35°C (A7 W35)  
Sound pressure level measured at 1m from the unit

Accessories:

Accessory Ref	Description	Trade Price
EKRUHML1	Hybrid R32 User interface	£110.00
BRP069A62	Daikin ONECTA App	£157.00
EKBALLV1	Ball Valves	£37.00
EKFJM1A	Mounting jig for 28kW Boiler (Including 8 litre expansion vessel and valves)	£117.00
EKFJL1A	Mounting jig for 32kW Boiler (Including 8 litre expansion vessel and valves)	£117.00
EKCP1A	Valve Cover Plate	£12.00
UK.FILLINGLOOP	Straight braided filling loop	£15.00
EK3WV1A	3-way valve kit for W-plan installation	£65.00
EKPS075867	LPG conversion kit 28kW Boiler	£22.00
EKHY075787	LPG conversion kit 32kW Boiler	£22.00
EKHY090717	Flue adapter 80/125	£22.00
EKPCCAB4	PC cable – to upload field settings from PC to unit or spare controller	£237.00
EKRP1HBA	Optional PCB kit for remote alarm monitoring, run and fault indication and solar interlock	£135.00
EKBPH04JH	Bottom plate heater for Hybrid R32	£131.00
EKTH4	Thermal store domestic hot water thermistor	£52.00
EKEPHYHT35H	Thermal store connection kit <sup>[1]</sup>	£166.00
EKTH3	Daikin EKHSU-D3V3 or third party tank domestic hot water thermistor <sup>[2]</sup>	£27.00
EKHY3PART	Third party tank kit – for third party thermostat <sup>[2]</sup>	£189.00
EKADDONJH	External pump for third party boiler applications <sup>[3]</sup>	£134.00
EKADDONJH2	Non-return valves and cables for external pump <sup>[3]</sup>	£134.00

Accessory Ref	Description	Trade Price
EKRSC1	Optional remote temperature sensor for outdoor temperature (see note) <sup>[4]</sup>	£78.00
K.HOSE750	Pair of flexible hoses (Length 750mm, 19mm tough PVC coat insulation, 1" FBSP, 28mm compression)	£87.00
K.HOSE750EL	Pair of flexible hoses with elbow (Length 750mm, 19mm tough PVC coat insulation, 1" FBSP, 28mm compression)	£125.00
K.FF600ASN	Pair of flexi-feet, 100mm height, for mounting outdoor unit	£60.00
K.CWBXL	Wall brackets for outdoor units (250kg, 660mm long, 2 arms)	£88.00
K.CWBXLSS	Wall brackets for outdoor units (250kg, 660mm long, 2 arms) - Stainless Steel	£355.00
K.DT1	Condensate drip tray (800 x 400 x 50mm)	£68.00
K.CGM	Outdoor unit guard	£388.00
K.DTFB	Floor bracket kit to mount drip tray to pair flexi-feet or wall bracket	£51.00
K.FERNOXTF1	Fernox magnetic filter 1"	£120.00
K.FERNOXTF1FL	Fernox magnetic filter 1" and F1 inhibitor fluid (500ml)	£141.00
RHEATMETH	<b>Heat meter for domestic RHI (for Altherma hybrid only)</b> M-Bus enabled for Daikin remote monitoring cloud using UK.RGATEWAY and UK.RELECMETV MID Class 3 heat meter delivered with body, digital interface and 2 x flow temperature sensors	£223.00
RELECMETV	<b>Electric meter for domestic RHI (for Altherma hybrid only)</b> M-Bus enabled for Daikin remote monitoring cloud using UK.RGATEWAY and UK.RHEATMETL MID Class A electric meter to measure the electricity consumption of the Daikin Altherma heat pump	£164.00
RGATEWAY	<b>Communication Gateway for domestic RHI (for Altherma hybrid only)</b> M-Bus enabled for Daikin remote monitoring cloud using UK.RHEATMETL and UK.RELECMETV Permanent internet connection required via a third party local router	£305.00

Difference between EKUMBPART, EKHY3PART and EKHY3PART2:

<p><b>EKHY3PART2</b> Third party tank kit WITHOUT the contactor which is used for the immersion heater within the tank. Items include 3-way valve body, motor and sensor. Sensor cable is designed for the tank with the built-in thermostat</p>		
<p><b>EKHY3PART</b> Third party tank kit WITHOUT the contactor which is used for the immersion heater within the tank. Items include 3-way valve body + motor and sensor. Sensor is designed for the tank with the dry pocket</p>		
<p><b>EKUMBPART</b> Third party tank kit WITH the contactor which is used for the immersion heater within the tank. Items include 3-way valve body + motor, sensor and contactor kit used for the immersion heater power supply</p>		

Notes:

Outdoor unit, boiler, EKRUHML1, EKBALLV1 & EKJF(M/L)1A is required to be ordered to have a complete system

<sup>[1]</sup> Must be purchased together to enable connection onto Daikin thermal store

<sup>[2]</sup> Must be purchased together to enable connection onto pressurised cylinder including Daikin EKHSU-D3V3

<sup>[3]</sup> Both required when installing outdoor unit alongside third party boiler

<sup>[4]</sup> Only one optional remote sensor can be installed

**R-410A**

D2CND

# Daikin Gas Condensing Boiler



Part Number		D2CND024A4A	D2CND028A4A	D2CND035A4A
Description		24kW Wall Hung Boiler	28kW Wall Hung Boiler	35kW Wall Hung Boiler
Combined Trade Unit Price		£520.00	£600.00	£680.00
Seasonal space heating efficiency	Class	A	A	A
	Efficiency %	93	93	93
Water heating energy efficiency	Class	A	A	A
	Declared load profile	XL	XL	XL
SEDBUK Efficiency	Efficiency %	84	84	83
		88.9	89.1	89
Dimensions	Height x Width x Depth	mm	695 x 440 x 295	695 x 440 x 295
Weight		kg	27	37
Central Heating	Nom. Input rating (lower value)	kW	2.9 - 23.5	4.8 - 27.0
	Nom. Input rating (upper value)	kW	3.2 - 26.1	5.3 - 30.0
	Output at 80/60°C min - nom	kW	2.8 - 22.8	4.6 - 26.3
	Output at 50/30°C min - nom	kW	3.1 - 24.0	5.2 - 28.2
	Min. output at 30/40	kW	3.2	4.1
	Max. CH water pressure	bar	3	3
	Max. CH water temperature	°C	100	100
Domestic Hot Water	Nom. Input rating (lower value)	kW	2.9 - 23.5	4.8 - 29.5
	Nom. Input rating (upper value)	kW	3.2 - 26.1	5.3 - 32.7
	Nom. Output	kW	2.8 - 22.8	3.6 - 26.0
	Threshold	l/min	2	2.5
	Flow rate ΔT 30°K	l/min	11.3	14
Casing	Colour		Titanium White (RAL 9003)	
	Material		Powder coated galvanised steel	
CH connections	inch	3/4"	3/4"	3/4"
DHW connections	inch	1/2"	1/2"	1/2"
Gas connection	inch	3/4"	3/4"	3/4"
Sound power level	dB(A)	49	50	53
IP rating		IPX5D	IPX5D	IPX5D
Device type		C13, C33	C13, C33	C13, C33
Supply pressure	Natural gas (G20)	mbar	20	20
	LPG (G31)	mbar	37	37
Nox class		6	6	6
Flue gas connection		60/100	60/100	60/100
Maximum flue length, 60/100	Horizontal <sup>[1]</sup>	m	8.1	7.0
	Vertical	m	7.6	7.6
Maximum flue length, 80/125	Horizontal <sup>[1]</sup>	m	26.2	33.6
	Vertical	m	25.6	34.4
Power supply			1-phase / 230V / 50Hz	

## Accessories:

Accessory Ref	Description	Trade Price
DRCONKITC2AB	Boiler Valve kit	£52.00
DRMOPISET06AA	24kW boiler copper tails	£22.00
DRMOPISET07AA	28-35kW boiler copper tails	£22.00
DRWTER60100AA	Horizontal flue kit 60/100 (D2CND)	£49.00
UK.FILLINGLOOP	Straight braided filling loop	£15.00
DOTROOMTHEAA	Daikin D2CND OpenTherm controller	£98.00
DRGATEWAYAA	Daikin D2CND LAN adapter	£92.00
150042	D2CND outdoor sensor	£17.00
DRCOVERPLATAA	Optional pipe cover plate for 24kW models	£32.00
DRCOVERPLA2AA	Optional pipe cover plate for 28 & 35kW models	£43.00
K.FERNOXTF1	Fernox magnetic filter 1"	£120.00
K.FERNOXTF1FL	Fernox magnetic filter 1" and F1 inhibitor fluid (500ml)	£141.00

## Features:

- Compact and light solution with a low lift weight, from 27kg
- Available as 24, 28 & 35kW models
- High modulation range of 1:8, modulates down to 2.8kW
- Suitable for all installations, with inbuilt LPG conversion kit
- Can be installed as a system boiler, in S-plan(+) or Y-plan configurations

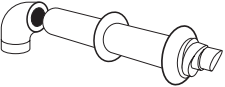
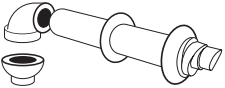
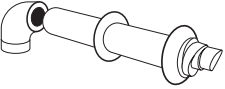
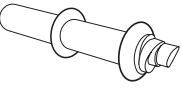
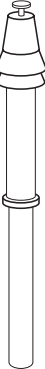
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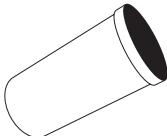

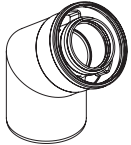
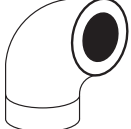
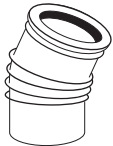

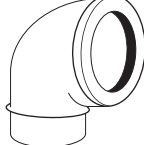
- Boiler, DRCONKITC2AB, DROPISET0(6/7)AA and UK.FILLINGLOOP is required to be ordered to have a complete system.
- Changes in parameter C3 adjusts fan speed, enabling longer flue runs. Refer to service manual for further details.

[1] Lengths include one 90° elbow.

Please make sure when ordering your boiler that you also order the boiler valve kit and the appropriate copper tail

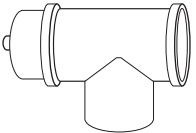
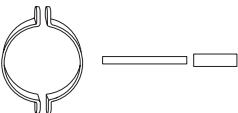
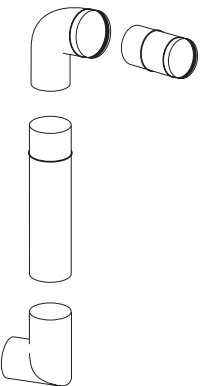
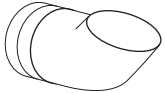
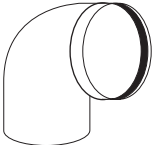
## Flue Accessories (60/100)

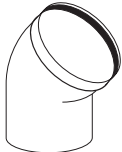
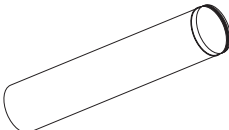
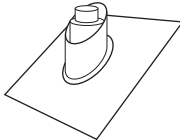
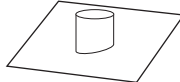


	Description	Quantity per pack	Part number	Trade Price
	Horizontal flue kit 60/100 (Hybrid)	1	EKFGP1292	<b>£52.00</b>
	Horizontal flue kit with low profile elbow 60/100 (Hybrid)	1	EKFGP1293	<b>£66.00</b>
	Horizontal flue kit 60/100 (D2CND)	1	DRWTER60100AA	<b>£49.00</b>
	Telescopic horizontal flue kit 60/100 (Terminal only) Must be ordered alongside connection elbow DR90ELBO60100AA for boiler or EKFGP4660 for hybrid	1	DRWTER60100AA	<b>£33.00</b>
	Vertical roof terminal 60/100	1	EKFGP6837	<b>£77.00</b>

	Description	Quantity per pack	Part number	Trade Price
	Extension 60/100 x 500mm	1	EKFGP4651	<b>£31.00</b>
	Extension 60/100 x 1000mm	1	EKFGP4652	<b>£37.00</b>
	Offset Elbow 60/100	1	EKFGP1289	<b>£31.00</b>
	Elbow 60/100, 87 degrees for D2CND flue turret	1	DRMEEA60100BA	<b>£13.00</b>
	Elbow 60/100, 30 degrees	1	EKFGP4664	<b>£40.00</b>
	Elbow 60/100, 45 degrees	1	EKFGP4661	<b>£26.00</b>
	Elbow 60/100, 87 degrees	1	EKFGP4660	<b>£26.00</b>

Daikin Altherma Hybrid Heat Pump System and Gas Boiler







Flue Accessories (60/100) (Continued)








	Description	Quantity per pack	Part number	Trade Price
	Tee with inspection panel 60/100	1	EKFGP4667	<b>£105.00</b>
	Wall bracket DN.100	1	EKFGP4631	<b>£6.00</b>
	Plume Management Kit (PMK)	1	EKFGP1294	<b>£44.00</b>
	Flue deflector	1	EKFGP1295	<b>£14.00</b>
	PMK elbow, 87 degrees	1	EKFGP1284	<b>£12.00</b>

	Description	Quantity per pack	Part number	Trade Price
	PMK elbow, 45 degrees	2	EKFGP1285	<b>£22.00</b>
	PMK extension, length 1000mm incl. bracket	1	EKFGP1286	<b>£19.00</b>
	Weather slate (plastic) 60/100 (25-45 degrees)	1	EKFGP7910	<b>£33.00</b>
	Weather slate 60/100 18-22 degrees	1	EKFGS0518	<b>£117.00</b>
	23-27 degrees	1	EKFGS0519	<b>£117.00</b>
	43-47 degrees	1	EKFGS0523	<b>£117.00</b>
	48-52 degrees	1	EKFGS0524	<b>£117.00</b>
	53-57 degrees	1	EKFGS0525	<b>£117.00</b>
	Weather slate flat aluminium 60/100	1	EKFGP6940	<b>£22.00</b>
	Weather slate flat aluminium 60/100 (0 - 15 degrees)	1	EKFGP1296	<b>£63.00</b>



## Flue Accessories (80/125)

	Description	Quantity per pack	Part number	Trade Price
	60/100 to 80/125 Flue adapter	1	DRDECO80125BA	<b>£14.00</b>
	Horizontal wall terminal 80/125	1	EKFGW6359	<b>£63.00</b>
	Vertical roof terminal 80/125	1	EKFGP6864	<b>£93.00</b>
	Extension 80/125 0.5m	1	EKFGP4801	<b>£38.00</b>
	Extension 80/125 1m	1	EKFGP4802	<b>£45.00</b>
	Elbow 80/125 90°	1	EKFGP4810	<b>£32.00</b>

	Description	Quantity per pack	Part number	Trade Price
	Elbow 80/125 45°	1	EKFGP4811	<b>£32.00</b>
	Wall bracket 80/125	1	EKFGP4481	<b>£15.00</b>
	Inspection elbow 80/125 90°	1	EKFGP4820	<b>£129.00</b>
	Weather slate 80/125 18-22 degrees	1	EKFGT6300	<b>£141.00</b>
	Weather slate 80/125 23-27 degrees	1	EKFGT6301	<b>£141.00</b>
	Weather slate 80/125 24-45 degrees	1	EKFGP7909	<b>£141.00</b>
	Weather slate flat roof aluminium DN80/125	1	EKFGP1297	<b>£78.00</b>

## Daikin Altherma Heat Pump System

## Hybrid Heat Pump Accessories

Accessory Ref	Description	Trade Price
<b>Wall brackets</b>		
K.CWBXL	Wall brackets for outdoor units (250kg, 660mm long)	£88.00
K.CWBXLSS	Wall brackets for outdoor units (250kg, 660mm long) - Stainless Steel model	£355.00
<b>Condensate trays</b>		
K.DT1	Condensate drip tray (800 x 400 x 50mm)	£68.00
K.DT2	Condensate drip tray (1100 x 400 x 25mm)	£75.00
<b>Flexi-feet</b>		
K.FF600S	Pair of flexi-feet (Standard) to mount the outdoor unit	£58.00
K.FF600ASN	Pair of flexi-feet (Narrow) to mount the outdoor unit	£60.00
K.DTFB	Floor bracket kit to mount drip tray to flexi-feet	£51.00
<b>Flexi-hoses</b>		
K.HOSE500	Pair of flexible hoses (Length 500mm, 19mm tough PVC coat insulation, 1" FBSP, 28mm compression)	£70.00
K.HOSE750	Pair of flexible hoses (Length 750mm, 19mm tough PVC coat insulation, 1" FBSP, 28mm compression)	£87.00
K.HOSE750EL	Pair of flexible hoses with elbow (Length 750mm, 19mm tough PVC coat insulation, 1" FBSP, 28mm compression)	£125.00
<b>Protective guards</b>		
K.CGM	Outdoor unit guard for single fan outdoor units	£388.00
K.CGFP	Front/Back panel for use with K.CGM	£117.00
K.CGBPML	Top/Bottom panel for use with K.CGM/L	£79.00
K.CGSIDE	Partial guard to protect side coil	£187.00
<b>Third party cylinder connection kits</b>		
EKHY3PART2	Third party tank connection kit for third party thermostat - 3 way valve and wiring harness	£229.00
EKHY3PART	Third party tank connection kit for dry pocket – 3 way valve and pocket sensor	£189.00
EKUMBPART	Third party tank connection kit for dry pocket – Contactor, 3 way valve and pocket sensor	£219.00
<b>Other</b>		
K.SLEEVE	Through wall insulation suitable for 22 & 28mm pipe (19mm tough PVC coat insulation)	£40.00
K.HEATMET	<b>Heat meter for domestic RHI (for Altherma hybrid only)</b>	£223.00
	MID Class 3 heat meter delivered with body, digital interface and 2 x flow temperature sensors	
K.ELECMETV	<b>Electric meter for domestic RHI - Single-phase (Metering for performance compliant)</b>	£141.00
	MID Class A electric meter to measure the electricity consumption of the Daikin Altherma heat pump	
K.ELECMETW	<b>Electric meter for domestic RHI - Three-phase (Metering for performance compliant)</b>	£254.00
	MID Class A electric meter to measure the electricity consumption of the Daikin Altherma heat pump	
RHEATMETH	<b>Heat meter for domestic RHI (for Altherma hybrid only)</b>	£223.00
	M-Bus enabled for Daikin remote monitoring cloud using RGATEWAY and RELECMETV	
	MID Class 3 heat meter delivered with body, digital interface and 2 x flow temperature sensors	
RELECMETV	<b>Electric meter for domestic RHI (for Altherma hybrid only)</b>	£164.00
	M-Bus enabled for Daikin remote monitoring cloud using RGATEWAY and RHEATMETH	
	MID Class A electric meter to measure the electricity consumption of the Daikin Altherma heat pump	
RGATEWAY	<b>Communication Gateway for domestic RHI (for Altherma hybrid only)</b>	£305.00
	M-Bus enabled for Daikin remote monitoring cloud using RHEATMETH and RELECMETV	
	Permanant internet connection required via a third party local router	

## Compatibility Table

	R410a Hybrid	R32 Hybrid
<b>Wall brackets</b>		
K.CWBXL	✓	✓
K.CWBXLSS	✓	✓
<b>Condensate trays</b>		
K.DT1	✓	✓
K.DT2	✓	✓
<b>Flexi-feet</b>		
K.FF600S	✓	✓
K.FF600ASN	✓	✓
K.DTFB	✓	✓
<b>Flexi-hoses</b>		
K.HOSE500		✓
K.HOSE750		✓
K.HOSE750EL		✓
<b>Protective guards</b>		
K.CGM	✓	✓
K.CGFP	✓	✓
K.CGBPML	✓	✓
K.CGSIDE	✓	
<b>Third party cylinder connection kits</b>		
EKHY3PART2	✓	✓
EKHY3PART	✓	✓
EKUMBPART	✓	✓
<b>Other</b>		
K.SLEEVE	✓	✓
K.HEATMET	✓	✓
K.ELECMETV	✓	✓
K.ELECMETW	✓	✓
RHEATMETH	✓	✓
RELECMETV	✓	✓
RGATEWAY	✓	✓



# Daikin UK Price Book 2022

## Smart Controls

Smart Controls	64
Madoka for Heating	64
Residential controller App	65
Gateways / cascade control	66

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# Hello Madoka.

The beauty of simplicity



## Madoka for Heating guarantees comfort, intuitively

Available in three attractive colours, Madoka adds style and sophistication to any interior space. Measuring just 85 x 85 mm, Madoka is an extremely compact, wired remote controller.

Madoka combines refinement and simplicity. The intuitive touch button control enlarges the display and makes Madoka both easy and enjoyable to use.

Increase end-user energy savings even further, thanks to the smart modulating room control. This function ensures a more stable room temperature by lowering or raising the water temperatures depending on room temperature requirements and reducing on/off cycling times.



Part Number		BRC1HHDS	BRC1HHDW	BRC1HHDK
<b>Trade Unit Price</b>		<b>£92.00</b>	<b>£92.00</b>	<b>£92.00</b>
Casing	Colour	Silver	White	Black
Dimensions	Height x Width x Depth mm	85 x 85 x 25	85 x 85 x 25	85 x 85 x 25
Weight	Unit kg	0.11	0.11	0.11
LCD	Type	100 x 150 dots	100 x 150 dots	100 x 150 dots
	Dimensions mm	40.7 x 28	40.7 x 28	40.7 x 28
	Back light Colour	White	White	White
Ambient temperature	Operation range °C	-10 ~ 50	-10 ~ 50	-10 ~ 50
	Relative humidity %	95	95	95
Wiring connections	Type of wires	Sheathed vinyl cord or cable	Sheathed vinyl cord or cable	Sheathed vinyl cord or cable
	Cable size mm <sup>2</sup>	0.75 - 1.25	0.75 - 1.25	0.75 - 1.25
	Max. wiring length m	500	500	500

# Daikin Onecta App

Always in control of your heating - any time, anywhere



onecta



## Take control with the Daikin Onecta App

- › Monitor, adjust and schedule both your space heating and domestic hot water via an easy-to-use smart device app
- › Review your heat pump energy consumption to increase your savings\*
- › Control multiple units at different locations from the single app, including system status and operating mode reporting

Compatibility Table		LAN Adaptor BRP069A62	WLAN Cartridge BRP069A78	LAN Adaptor 2* BRP069A71
Function	Daikin ONECTA App	✓		
	Monobloc 5 - 16kW EDLQ-C	✓		
	Low Temperature R Split 4-8kW (R32)** ERGA-E		✓	✓
	Low Temperature R Split 11-16kW (R410A) ERLQ-C	✓		
	Low Temperature R Split 11-16kW (R32) ERLA-D		✓	✓
Compatibility	Low Temperature H Split 11-16kW (R32) EPGA-D	✓		
	High Temperature H Split 8-12kW (R32)** EPRA-E		✓	✓
	High Temperature H Split 14-18kW (R32)** EPRA-D		✓	✓
	Hybrid 5-8kW (R410a) EVLQ-C	✓		
	Hybrid Monobloc 4kW (R32) EJHA-A	✓		
	Monobloc 9-16kW (R32) ED(B)LA-D		✓	
<b>Trade Price</b>		<b>£157.00</b>	<b>£31.00</b>	<b>£35.00</b>

Specification (BRP069A62/71)	
Installation	Indoors
Max. Humidity	95%
Operating Temp.	5 to 35 °C
Connection	LAN via Ethernet Cable
Power Source	P1 / P2 Controller
Height	mm 123
Length	mm 208
Depth	mm 40

### Notes:

\* A WLAN cartridge (to be plugged into the MMI) is delivered as indoor unit accessory for these products. Alternatively (e.g. in case of weak signal strength), you can install the optional wireless LAN module BRP069A71.

\*\* BRP069A78 WLAN Cartridge is supplied with the product.

\* Energy monitoring is only possible with T07 software and D series units



# Gateways / cascade control



Compatibility and Function Table			I/O Gateway	Modbus Gateway
			DCOM-LT/MB	DCOM-LT/IO
Function	Modbus		✓	
	Sequencer mode			✓
	Voltage control			✓
	Resistance control			✓
	Smart grid			✓
	Output relays			✓
Compatibility	Daikin Altherma Hybrid Monobloc	EJHA-A	✓	✓
	Daikin Altherma R Hybrid	EVLQ-C	✓	✓
	Daikin Altherma 3 H Split	EPGA-D	✓	✓
	Daikin Altherma 3 H HT Split	EPRA-D	✓	✓
	Daikin Altherma R32 R Split	ERLA-D	✓	✓
	Daikin Altherma R Split	ERLQ-C	✓	✓
	Daikin Altherma Monobloc	EDLQ-C	✓	✓
	Daikin Altherma 3 Monobloc	ED(B)LA-D	✓	✓
	Daikin Altherma 3 R Split	ERGA-E		
	Daikin Altherma 3 WS	EGSHA-D	✓	✓
<b>Trade Price</b>			<b>£260.00</b>	<b>£266.00</b>

Specification		
Installation		Indoor DIN rail
Max. Humidity		90%
Operating Temp.		0 to 55 °C
Power supply		15-24VDC 120mA
Networks		P1/P2
		RS485
		Modbus
Inputs		Resistive: 12VDC, max 20mA
		Voltage: 0-10V, impedance 345kΩ
Outputs		230VAC, 3A resistive
		30VDC, 3A resistive
Height	mm	110
Length	mm	88
Depth	mm	32

Daikin UK Price Book 2022

# Heat Pump Convector & UFH



Heat Pump Convectors 68

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Underfloor Heating 72

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# Daikin Altherma HPC

## Heat pump convector

Heat pump convectors (HPC) can provide both heating and cooling. When used with the Daikin Altherma heat pump, they offer a highly efficient solution.

By providing cooling and heating, Daikin Altherma HPC is combinable with underfloor piping and can replace outdated radiators. The unit is available in three models (floor standing, wall mounted and concealed) and fits in any bedroom or living room thanks to its silent operation.

A heat pump convector creates the same room temperature as a traditional radiator, but with lower water temperatures in the radiator. In the long run, it contributes to direct energy savings for users.

- › Optimised for new build houses
- › Can be selected at low water temperature (35°C), which makes it ideal for heat pump applications

Due to the growing demand for highly insulated buildings and the extra demand for conditioned (heated or cooled) Fresh Air (FA), some new options have been added to our range of Heat Pump Convectors (HPC) FWXV.

Indoor air quality (IAQ) control through the FWXV is the first step towards a complete integrated and conditioned HVAC system using our FWXV models. It can be controlled room by room.

The new options (damper kit EKFC80 and wall hung control with IAQ sensor EKWHCTRL1A) for the FWXV offer the following benefits:

- › Optimised for new build houses
- › Can be selected at low water temperature (35°C), which makes it ideal for heat pump applications



Slim Design



Fast & High Capacity



Discreet



DC Inverter



Wide Choice of Controls



Modular Airflow



reddot winner 2020

FWXV-ATV3(R)

## Floor Mounted HPC



Left Configuration				FWXV10ABTV3	FWXV15ABTV3	FWXV20ABTV3	
Right Configuration				FWXV10ABTV3R	FWXV15ABTV3R	FWXV20ABTV3R	
Function				Heating and Cooling*		Heating and Cooling*	
Heating capacity	at 45/40°C	Max.	kW	2.18	3.11	3.88	
	at 35/30°C	Max.	kW	1.14	1.73	2.15	
Cooling capacity	at 7/12°C	Max.	kW	1.77	2.89	3.20	
	at 7/12°C	Max.	kW	1.33	2.10	1.78	
Power input		Max.	W	20	20	30	
Dimensions	Height x Width x Depth		mm	601 x 999 x 135	601 x 1200 x 135	601 x 1400 x 135	
Weight			kg	20	23	26	
Water Pipe connections			inch	3/4" Male Eurocone	3/4" Male Eurocone	3/4" Male Eurocone	
Sound pressure level		Min.	dBA	20	22	23	
		Max.	dBA	42	44	46	
Operating Range	Heating	Min.	°C	30	30	30	
		Max.	°C	85	85	85	
	Cooling	Min.	°C	5	5	5	
		Max.	°C	18	18	18	
Power supply	Phase/Voltage/Frequency			1-phase / 230V / 50Hz	1-phase / 230V / 50Hz	1-phase / 230V / 50Hz	
Running Current		Max.	A	0.2	0.2	0.3	
Colour				RAL 9003	RAL 9003	RAL 9003	
Trade Price	Left Configuration			£409.00	£577.00	£577.00	
	Right Configuration			£409.00	£507.00	£577.00	

For options and accessories please refer to page 257

FWXT-ATV3(C)(L)

## Wall Mounted HPC



Right Configuration				FWXT10ABTV3	FWXT15ABTV3	FWXT20ABTV3	
Left Configuration				FWXT10ABTV3L	FWXT15ABTV3L	FWXT20ABTV3L	
Right Configuration including IR remote				FWXT10ABTV3C	FWXT15ABTV3C	FWXT20ABTV3C	
Left Configuration including IR remote				FWXT10ABTV3CL	FWXT15ABTV3CL	FWXT20ABTV3CL	
Function				Heating and Cooling*		Heating and Cooling*	
Heating capacity	at 45/40°C	Max.	kW	1.27	1.80	2.60	
	at 35/30°C	Max.	kW	0.66	1.00	1.44	
Cooling capacity	at 7/12°C	Max.	kW	1.07	1.65	2.31	
	at 7/12°C	Max.	kW	0.95	1.49	1.94	
Power input		Max.	W	10	10	20	
Dimensions	Height x Width x Depth		mm	335 x 902 x 128	335 x 1100 x 128	335 x 1300 x 128	
Weight			kg	14	16	19	
Water Pipe connections			inch	3/4" Male Eurocone	3/4" Male Eurocone	3/4" Male Eurocone	
Sound pressure level		Min.	dBA	25	25	26	
		Max.	dBA	40	42	43	
Operating Range	Heating	Min.	°C	30	30	30	
		Max.	°C	85	85	85	
	Cooling	Min.	°C	5	5	5	
		Max.	°C	18	18	18	
Power supply	Phase/Voltage/Frequency			1-phase / 230V / 50Hz	1-phase / 230V / 50Hz	1-phase / 230V / 50Hz	
Running Current		Max.	A	0.2	0.2	0.2	
Colour				RAL 9003	RAL 9003	RAL 9003	
Trade Price	Right Configuration			£467.00	£517.00	£561.00	
	Left Configuration			£467.00	£517.00	£561.00	
	Right Configuration including IR remote			£458.00	£506.00	£556.00	
	Left Configuration including IR remote			£458.00	£506.00	£556.00	

For options and accessories please refer to page 257

FWXM-ATV3(R)

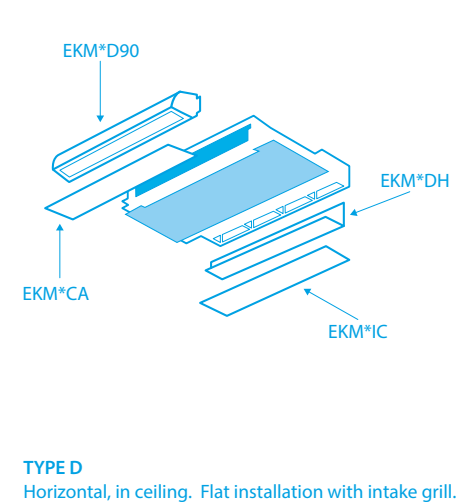
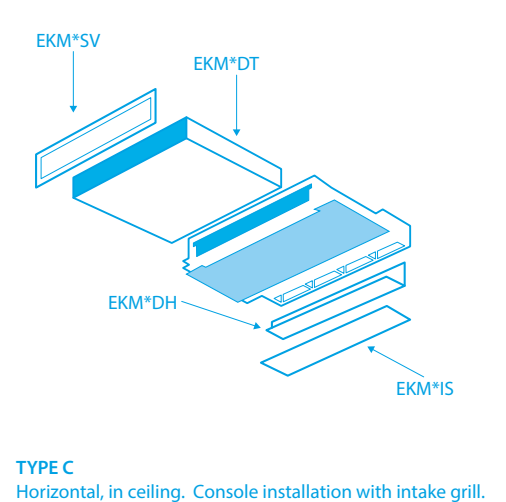
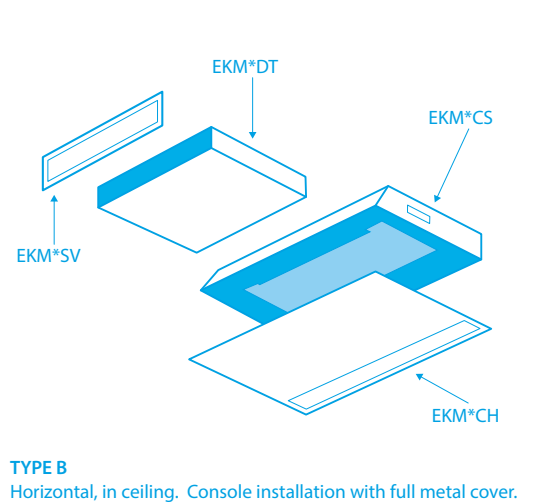
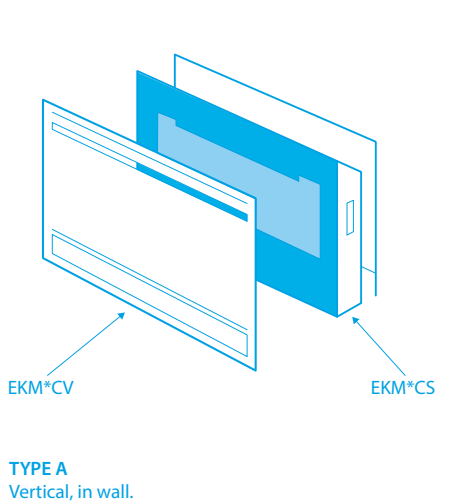
# Concealed HPC


























Left Configuration				FWXM10ATV3	FWXM15ATV3	FWXM20ATV3	
Right Configuration				FWXM10ATV3R	FWXM15ATV3R	FWXM20ATV3R	
Description				Concealed Models		Concealed Models	
Function				Heating and Cooling*		Heating and Cooling*	
Heating capacity	at 45/40°C	Max.	kW	2.18	3.11	3.88	
	at 35/30°C	Max.	kW	1.14	1.73	2.15	
Cooling capacity	at 7/12°C	Max.	kW	1.77	2.89	3.20	
	at 7/12°C	Max.	kW	1.33	2.10	1.78	
Power input		Max.	W	20	20	30	
Dimensions	Height x Width x Depth			mm	576 x 925 x 126	576 x 925 x 126	
Weight				kg	12	15	
Water Pipe connections				inch	3/4" Male Eurocone	3/4" Male Eurocone	
Sound pressure level				Min.	dBA	25	
				Max.	dBA	42	
Operating Range	Heating	Min.	°C	30	30	30	
		Max.	°C	85	85	85	
	Cooling	Min.	°C	5	5	5	
		Max.	°C	18	18	18	
Power supply	Phase/Voltage/Frequency			1-phase / 230V / 50Hz	1-phase / 230V / 50Hz	1-phase / 230V / 50Hz	
Running Current				Max.	A	0.2	
Trade Price	Left Configuration			£275.00	£324.00	£370.00	
	Right Configuration			£275.00	£324.00	£370.00	
















\* Pricing for core module only - refer to the accessory page 71 for full panel customisation

## Installation: Options



# HPC Accessories

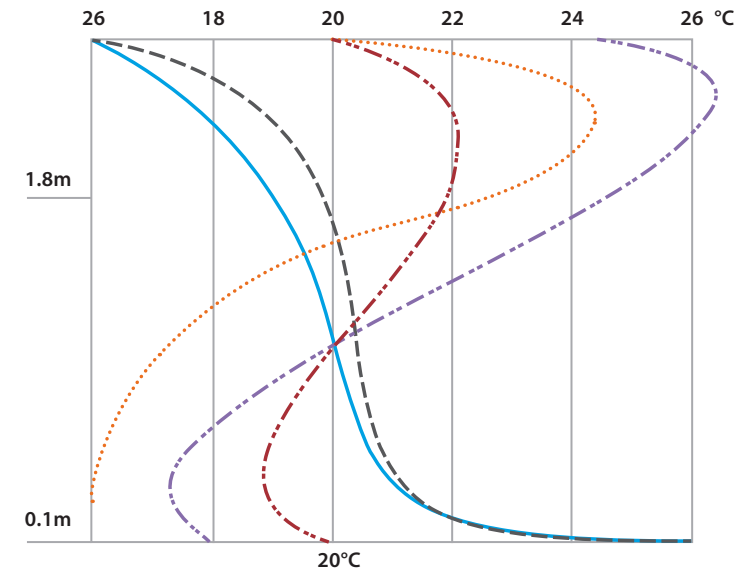
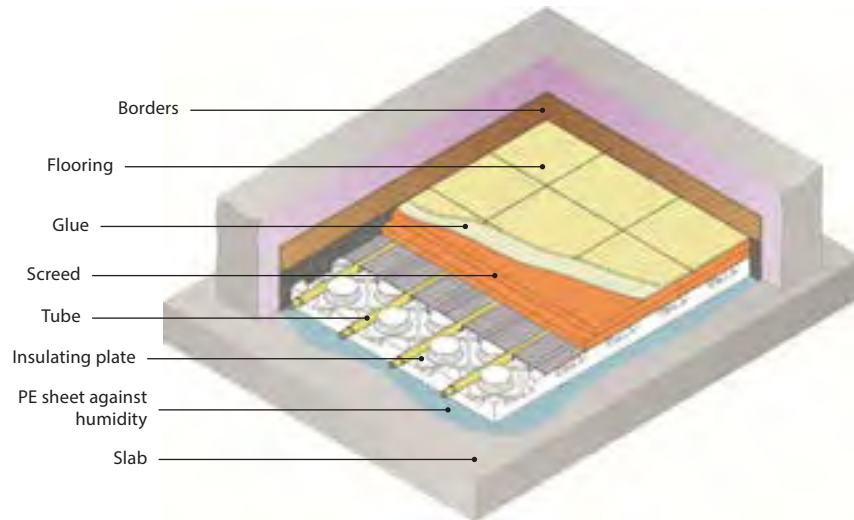
																										
		EKRTCRL1	EKRTCRL2	EKPCB0	EKWHCTRL1	EKWHCTRL1A	EKFCDB0	EKWHCTRL0	EKPCB45	EKPCB10	EKFA	EK2VK0	EKT2VK0	EK3VK1	EKT3VK1	EKEUR90	EKDIST	EKM10COH	EKM15COH	EKM20COH	EKM10CS	EKM15CS	EKM20CS	EKM10CH	EKM15CH	EKM20CH
	FWXM10ATV3(R)			•	•			•	•	•		•	•	•	•	•					•			•	•	
	FWXM15ATV3(R)			•	•			•	•	•		•	•	•	•	•							•	•	•	
	FWXM20ATV3(R)			•	•			•	•	•		•	•	•	•	•							•			•
	FWXV10ABTV3(R)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•								
	FWXV15ABTV3(R)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•							
	FWXV20ABTV3(R)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•						
	FWXT10ABTV3(L)				•			•				•		•												
	FWXT15ABTV3(L)				•			•				•		•												
	FWXT20ABTV3(L)				•			•				•		•												
	FWXT10ABTV3C(L)											•		•												
	FWXT15ABTV3C(L)											•		•												
	FWXT20ABTV3C(L)											•		•												
<b>Trade Price</b>		<b>£120.00</b>	<b>£92.00</b>	<b>£55.00</b>	<b>£71.00</b>	<b>£105.00</b>	<b>£51.00</b>	<b>£92.00</b>	<b>£41.00</b>	<b>£41.00</b>	<b>£55.00</b>	<b>£92.00</b>	<b>£84.00</b>	<b>£113.00</b>	<b>£106.00</b>	<b>£13.00</b>	<b>£13.00</b>	<b>£33.00</b>	<b>£37.00</b>	<b>£49.00</b>	<b>£69.00</b>	<b>£79.00</b>	<b>£84.00</b>	<b>£150.00</b>	<b>£172.00</b>	<b>£186.00</b>

																										
		EKM10CV	EKM15CV	EKM20CV	EKM10DH	EKM15DH	EKM20DH	EKM10D90	EKM15D90	EKM20D90	EKM10DT	EKM15DT	EKM20DT	EKM10IS	EKM15IS	EKM20IS	EKM10SV	EKM15SV	EKM20SV	EKM10IC	EKM15IC	EKM20IC	EKM10CA	EKM15CA	EKM20CA	
	FWXM10ATV3(R)	•			•			•			•			•			•			•			•			
	FWXM15ATV3(R)		•			•			•			•			•			•			•			•		
	FWXM20ATV3(R)			•			•			•			•			•			•			•			•	
	FWXV10ABTV3(R)																									
	FWXV15ABTV3(R)																									
	FWXV20ABTV3(R)																									
	FWXT10ABTV3(L)																									
	FWXT15ABTV3(L)																									
	FWXT20ABTV3(L)																									
	FWXT10ABTV3C(L)																									
	FWXT15ABTV3C(L)																									
	FWXT20ABTV3C(L)																									
<b>Trade Price</b>		<b>£150.00</b>	<b>£172.00</b>	<b>£186.00</b>	<b>£31.00</b>	<b>£33.00</b>	<b>£39.00</b>	<b>£31.00</b>	<b>£37.00</b>	<b>£39.00</b>	<b>£68.00</b>	<b>£79.00</b>	<b>£92.00</b>	<b>£79.00</b>	<b>£92.00</b>	<b>£106.00</b>	<b>£92.00</b>	<b>£114.00</b>	<b>£136.00</b>	<b>£64.00</b>	<b>£69.00</b>	<b>£79.00</b>	<b>£57.00</b>	<b>£64.00</b>	<b>£69.00</b>	



# Underfloor Heating

By using underfloor heating as a heat emitter, heat is released into the space via a network of tubes. The tubes or underfloor heating pipes are embedded in the concrete slab. Hot water is supplied through these tubes or pipes, which will emit heat and heat the space. Water is typically heated by a heat generator such as ASHP or a boiler.





- perfect profile
- - - simple radiators, situated by external walls
- . . . simple radiators, situated by internal walls
- . - . air heating
- - - underfloor heating

Underfloor heating has several advantages to offer the user. For a start, it is energy efficient, as the required leaving water temperature is much lower compared to other types of heat emitters. It is also comfortable for the user. The heat is uniformly produced throughout the space and is distributed vertically right from the bottom of the room, which means no cold feet. Underfloor heating is quiet in operation and aesthetically pleasing. In addition to this, UFH saves plenty of space as it replaces large fan coils or radiators.




**For information** on Daikin's underfloor heating design process, go to page 75

## Underfloor Heating Pipes

**Monopex heating pipes:** Thick-walled, linked basic PE-X pipe with oxygen-tight barrier for Monopex low temperature underfloor heating systems.

	Description	Length	Part number	Trade Price
	<b>Monopex 14 PE-X 14 x 2 OD</b> For Monopex underfloor heating system	120m	EMOPX14120A	<b>£63.00</b>
	<b>Monopex 17 PE-X 17 x 2 OD</b> For Monopex underfloor heating system	120m	EMOPX17120A	<b>£143.00</b>
		240m	EMOPX17240A	<b>£286.00</b>




**DUO heating pipes:** Thick-walled linked PE-X basic pipe, with oxygen-tight barrier, and additional highly flexible PE ribbed pipe. For underfloor heating systems operated in direct combination with other heating surfaces, e.g. radiators.

	Description	Length	Part number	Trade Price
	<b>DUO 17 PE-X 17/12 x 2 OD</b> For system 70 underfloor heating & heating radiator connection  Outer pipe Ø 17mm Inner pipe 12 x 2mm	240m	EMOPXDUO17240A	<b>£466.00</b>
	<b>DUO 17 ALU PE-X 17/12 x 2 OD</b> With aluminium coating and PE external layer. For system 70 radiator connection and underfloor heating  Outer pipe Ø 17mm Inner pipe 12 x 2mm	120m	EMOPXDUA17120A	<b>£185.00</b>
		240m	EMOPXDUA17240A	<b>£349.00</b>
	<b>DUO 25 PE-X 25/18 x 2 OD</b> For system 70 industrial underfloor heating	200m	EMOPXDUO25200A	<b>£296.00</b>



Underfloor Heating System

# Manifolds


**RMX manifold (plastic):** RMX heating circuit manifold, for underfloor heating systems and radiators. Suitable for the smallest fitting heights. Buy clamping ring sets separately to suit pipe.

	Description	Quantity per pack	Part number	Trade Price
	Manifold RMX 2-port	1	ECOLLECTRMX2A	£102.00
	Manifold RMX 3-port	1	ECOLLECTRMX3A	£118.00
	Manifold RMX 4-port	1	ECOLLECTRMX4A	£143.00
	Manifold RMX 5-port	1	ECOLLECTRMX5A	£161.00
	Manifold RMX 6-port	1	ECOLLECTRMX6A	£185.00
	Manifold RMX 7-port	1	ECOLLECTRMX7A	£203.00
	Manifold RMX 8-port	1	ECOLLECTRMX8A	£222.00
	Manifold RMX 9-port	1	ECOLLECTRMX9A	£245.00
	Manifold RMX 10-port	1	ECOLLECTRMX10A	£270.00
	Manifold RMX 11-port	1	ECOLLECTRMX11A	£305.00
	Manifold RMX 12-port	1	ECOLLECTRMX12A	£330.00
		<b>RMX actuator (230V)</b> Actuator for RMX manifold and kombi box	1	EKWCVATR1V3
	<b>Extension Set for Manifold</b> One-zone extension	1	EXTENSIONZONEA	£26.00




**Clamping ring set on RMX heating circuit manifold for flow and return per heating circuit**

	RMX connection set ring Monopex 14 x 2	2	ESERIMOPX14A	£7.00
	RMX connection set DUO17	2	ESERIMOPXDU17A	£8.00
	RMX connection set Monopex 17	2	ESERIMOPX17A	£7.00
	RMX connection set DUO25	2	ESERIMOPXDU25A	£7.00
	RMX connection set Monopex 20	2	ESERIMOPX20A	£7.00
	RMX manifold isolating valves 1"	2	ESHUTOFVALVEA	£25.00

**RMV manifold (stainless steel)**

	Description	Quantity per pack	Part number	Trade Price
	Manifold RMV 2-port	1	ECOLLECTRMV2A	£129.00
	Manifold RMV 3-port	1	ECOLLECTRMV3A	£148.00
	Manifold RMV 4-port	1	ECOLLECTRMV4A	£179.00
	Manifold RMV 5-port	1	ECOLLECTRMV5A	£201.00
	Manifold RMV 6-port	1	ECOLLECTRMV6A	£231.00
	Manifold RMV 7-port	1	ECOLLECTRMV7A	£254.00
	Manifold RMV 8-port	1	ECOLLECTRMV8A	£278.00
	Manifold RMV 9-port	1	ECOLLECTRMV9A	£309.00
	Manifold RMV 10-port	1	ECOLLECTRMV10A	£338.00
	Manifold RMV 11-port	1	ECOLLECTRMV11A	£381.00
	Manifold RMV 12-port	1	ECOLLECTRMV12A	£413.00

## Manifold Accessories

	Description	Quantity per pack	Part number	Trade Price
	Coupling nipple (3/4") for combination with 1703** clamping ring sets	2	ECLUTCHNIPSKUA	£8.00
	Connection nipple (3/4" PEX x 1/2" male) for combination with 1703** clamping ring sets	2	EAIPEXCOUPLINA	£6.00
	<b>On-wall Manifold cabinet up to 7-port</b>	1	EOWHV7RX7RV6A	£132.00
	<b>On-wall Manifold cabinet up to 10-port</b>	1	EOWH10RX10R9A	£143.00
	<b>ON-wall Manifold cabinet up to 14-port</b>	1	EOWH14RX14R12A	£169.00

## Underfloor Heating (UFH) System Design Process

To prepare an accurate bill of materials and quotation for your underfloor heating project, we need to carry out a detailed UFH system design. This will take account of parameters including room heat losses, water flow temperature, floor construction, floor coverings and preferred manifold positions.





**If you require an UFH system design, please contact your sales representative or your local branch for assistance. To enable us to carry out the UFH design, you will need to submit:**


- > Autocad drawings – floor plans and elevations
- > Completed Daikin UFH design request form (available from your local branch)

Once you have placed an order for the UFH materials, we will send you the UFH system design for your approval prior to shipping the materials.

Underfloor Heating System



# Insulating Strips and Installation Accessories

	Description	Quantity per pack	Part number	Trade Price
	<b>Tacker gun</b> Tacker gun for 60mm pipe staples. The tacker gun can be used to secure pipe directly to floor insulation	1	ESYSTACERSTACA	<b>£328.00</b>
	<b>Pipe staples</b> 60mm pipe staples for use with tacker gun (171134) and high density insulation with DPM	300	ETACKERNAIL60A	<b>£26.00</b>
	<b>Edging strip</b> For cement or anhydrite screed. PE foam with welded foil, height 150mm, 8mm thick	25m	ESIDESTRIPRDSA	<b>£14.00</b>
	<b>Pipe bend</b> This is recommended to facilitate the bend of the pipe up-to the manifold	10	EPIPEBEND1418A For Ø 14-18mm	<b>£15.00</b>
			EPIPEBEND2022A For Ø 20-22mm	<b>£19.00</b>

	Description	Quantity per pack	Part number	Trade Price
	<b>Protect Integral system for floor (Egg Crate floor panel)</b> For cement or anhydrite screed. PE foam with welded foil, height 150mm, 8mm thick	1	EPROTECT11A 1pc = 14.56m <sup>2</sup>	<b>£100.00</b>


## Underfloor Heating Room Controls **Basic Range**

**Note:** Cannot be combined with advanced range (see page 78)

	Description	Quantity per pack	Part number	Trade Price
	<b>Wired Thermostat (digital)</b> Digital room thermostat with back-lit display (230V)	1	EKWCTRDI1V3	<b>£51.00</b>
	<b>Wired Thermostat (analog)</b> Analog room thermostat with dial (230V)	1	EKWCTRAN1V3	<b>£30.00</b>

## Wiring Centre **Basic Range**

**Note:** Cannot be combined with advanced range (see page 78)

	Description	Quantity per pack	Part number	Trade Price
	<b>Basic range wiring centre</b> <ul style="list-style-type: none"> <li>- Maximum 10 zones and 18 loop actuators</li> <li>- Heating and cooling changeover input</li> <li>- External setback input</li> <li>- Pump/demand interlock relay</li> <li>- Din rail or wall mountable</li> </ul>	1	EKWUFHTA1V3	<b>£101.00</b>




Underfloor Heating System

# Underfloor Heating Room Controls *Advanced Range*

**Modern aesthetics, easy to install and greater user comfort**



**Note:** Cannot be combined with basic range (see page 77)



	Description	Quantity per pack	Part number	Trade Price
	<b>Room thermostat (wired)</b> - Electronic room temperature control (5V) - Adjustment range 5-26°C - Display of heating and cooling mode (red and blue LED)	1	EKW175139	<b>£25.00</b>

# Wiring Centres and Accessories *Advanced Range*

**Modern aesthetics, easy to install and greater user comfort**

**Note:** Cannot be combined with basic range (see page 77)

	Description	Quantity per pack	Part number	Trade Price
	<b>Wiring centre</b> - 6 channels - 4 actuators (230 V) per channel - Automatic heating/cooling switchover DIN rail field supplied	1	EKW175140	<b>£150.00</b>
	<b>Wiring centre</b> - 2 channels - 4 actuators (230 V) per channel - Automatic heating/cooling switchover DIN rail field supplied	1	EKW175141	<b>£74.00</b>

	Description	Quantity per pack	Part number	Trade Price
	<b>Wiring centre power module</b> To supply power to the wiring centres, including: - Pump input/output for heating and cooling DIN rail field supplied	1	EKW175137	<b>£138.00</b>
	<b>Wiring centre clock module</b> - Removable clock module - 2 setback timers for heating circuits  Note: To be combined with the wiring centre power module	1	EKW175138	<b>£74.00</b>

## Warranties

Product	Daikin Sustainable Home Installer	Daikin Sustainable Home Expert	Daikin Sustainable Home Centre	End User
<b>DOMESTIC HEATING EQUIPMENT (Equipment only sold to contractors that have completed the relevant Daikin UK training courses and in agreement with Daikin UK)</b>				
Altherma Outdoor Unit	3	5	5	Linked to Installer (Additional warranty up to 7 years can be purchased)
Altherma Hydro Box	3	5	5	Linked to Installer (Additional warranty up to 7 years can be purchased)
Altherma domestic hot water cylinder	3	5	5	Linked to Installer (Additional warranty up to 7 years can be purchased)
Altherma Hybrid	5	7	7	Linked to Installer (Additional warranty up to 7 years can be purchased)
Daikin Manufactured Heating Accessories	3	5	5	Linked to Installer (Additional warranty up to 7 years can be purchased)
Non Daikin Manufactured Heating Accessories	3	5	5	Linked to Installer (Additional warranty up to 7 years can be purchased)
Heat Pump Convectors	3	5	5	Linked to Installer (Additional warranty up to 7 years can be purchased)
Chilled water fan coils	3	5	5	Linked to Installer (Additional warranty up to 7 years can be purchased)
<b>OTHER ITEMS</b>				
SPARE PARTS	1	1	1	Installer Warranty
AIR PURIFIER	1	1	1	Installer Warranty
<b>AIR CONDITIONING EQUIPMENT</b>				
Split & Sky Air systems (Matched Pairs only)	3	3	3	Installer Warranty
High Sensible Sky Air Split Systems (Advertised)	3	3	3	Installer Warranty
Mis Matched High (Sensible combinations only)	3	3	3	Installer Warranty
Multi Split Systems (Standard combinations only)	3	3	3	Installer Warranty
VAM / VKM Total heat exchangers	3	3	3	Installer Warranty
<b>RESIDENTIAL VENTILATION</b>				
DUCO	3	3	3	Installer Warranty
<b>COMMERCIAL HEATING EQUIPMENT (Equipment only sold to contractors that have completed the relevant Daikin UK training courses and in agreement with Daikin UK)</b>				
WS Collective	1 year if commissioned by D1/D1+ or designated M&E 3 Years if commissioned by by Daikin UK 5 Years if commissioned with Daikin Service Contract		1 Year if commissioned by Ci 3 Years if commissioned by Daikin UK	1 Year if commissioned by contractor 3 Years if commissioned by Daikin UK
Flex outdoor unit	3 Years if commissioned by D1 or D1+ 5 Years if commissioned by Daikin UK		1 Year if commissioned by Ci 3 Years if commissioned by Daikin UK	1 Year if commissioned by contractor 3 Years if commissioned by Daikin UK

### Notes:

#### End User Warranty:

- › Daikin Altherma systems come with an extended end user warranty, as long as they are registered by the installer on Stand By Me within 12 months of commissioning. If the system is not registered on Stand By Me within this time, the homeowner will only receive the standard 1 year warranty. For full Terms and Conditions of the warranty policy please go to [standbyme.daikin.co.uk/en](http://standbyme.daikin.co.uk/en)
- › For every installation you register on Stand By Me, you'll gain additional contributions to your Business Development fund, which you can redeem on the Sustainable Home Network portal at [sustainablehomenetwork.daikin.co.uk](http://sustainablehomenetwork.daikin.co.uk). Or your customer can register their warranty directly (although you won't gain a contribution to your business development fund). As soon as you've commissioned the system, they will receive a code via email so they can register the warranty themselves. Your project database will show you if the end-user has completed the warranty registration and the length of time remaining on their warranty.
- › Warranty on air conditioning equipment is applicable to Sustainable Home Installer/ Sustainable Home Expert/ Sustainable Home Centre
- › DUCO Residential Ventilation system can also convert to an end user warranty if registered on SBM and linked to the installer



Daikin UK Price Book 2022

# Ventilation

Residential Ventilation Solutions

82

# The importance of residential ventilation

Thanks to stringent building regulations, new residential buildings are now well-insulated. A well-insulated property helps to minimise heat loss by preventing warm air from escaping, keeping the interior dry, warm and comfortable. Insulation also reduces reliance on domestic heating appliances to maintain a comfortable indoor environment, which in turn lowers energy bills.

While there are clear advantages in insulating properties, the building also needs to be able to breathe. Humid and stale air needs to be removed to create a comfortable environment. According to BEAMA, around 65% of homes in the UK suffer from poor air quality, including a toxic mix of mould, condensation and certain cleaning and building products. Residents affected by poor indoor quality can suffer from skin irritation, asthma, breathing difficulties and heart disease.

However, the answer is at hand. By employing a centralised ventilation system with heat recovery, indoor air quality can be significantly improved. In order to provide a residential ventilation solution Daikin is partnering with specialist company DUCO. As a specialist in managing indoor air quality, Daikin offers a range of innovative solutions. We provide a one-stop-shop for our network of professional customers; DUCO's Centralised Heat Recovery Ventilation (CHRV) system along with a complete range of accessories for ducting.



DucoBox Energy Comfort

A<sup>+</sup>



DucoBox Energy Premium

A<sup>+</sup>

## DUCO offers end-to-end solutions

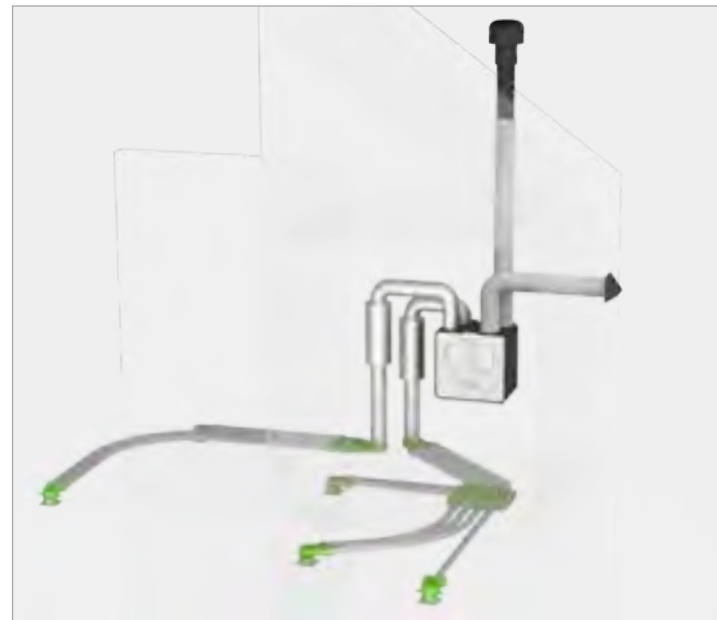
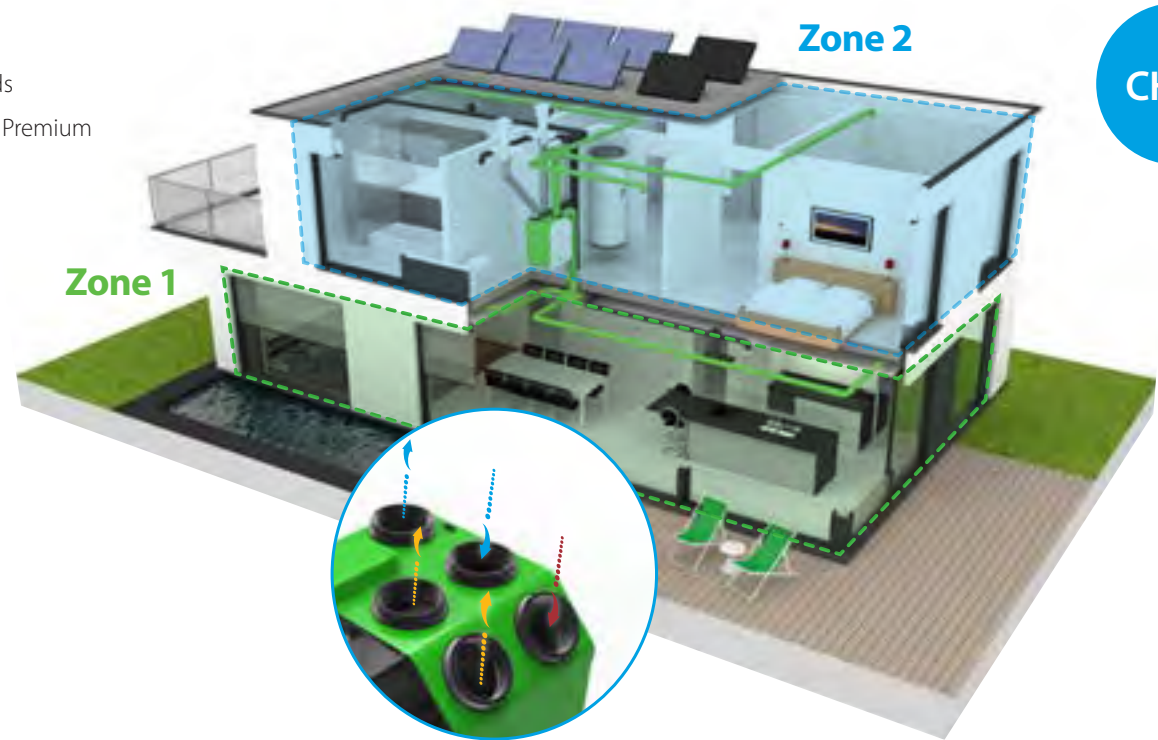
- › High-quality solutions complying with the highest Daikin quality standards
- › Two types to meet the requirements: DUCO Energy Comfort + DUCO Energy Premium
- › One-stop-shop for end-to-end ventilation solution
- › Smart demand control
- › One of the quietest systems
- › Automatic calibration
- › Optimal indoor air quality due to 2 zone control

## Only at Daikin

The DUCO Box Energy Premium features a two-zone valve that helps regulate the airflow to the area where it is needed the most.

Sensors meticulously detect the residents' movements throughout the home. This makes it possible to automatically determine where, when and how much ventilation is required.

By controlling the two zones separately, the consumption of the EC fans is reduced considerably, thus achieving an A+ Energy label.



## DucoFlex – Complete air duct system for CHRV systems

### ✓ Low Noise Air Ducts

- › Low air-resistance
- › Maximum comfort

### ✓ 100% Service

- › Support from the research department
- › One-stop-shop:  
one brand = one ventilation solution

### ✓ Complete Air Duct System

- › One solution for every type of ventilation system
- › Suitable for CHRV units

### ✓ 'Click & Go' System

- › Handy click system
- › Minimum parts and fittings
- › Save time = save money



# DucoBox Energy Comfort - First choice for building projects

With its adjustable capacity of up to 325 m<sup>3</sup>/h, this smart and silent ventilation unit is the ideal solution for apartments and houses due to its compact size. The left/right switch is 100% software-driven, thanks to the patented principle of double bypass. The dynamic air distribution filters, together with the smart demand control based on CO<sub>2</sub> and humidity, ensure exceptional efficiency within this compact unit.



## Versions

Type	Supply / Extract Airflow Rate at 150 Pa	Frost protection	Reference number
DucoBox Energy Comfort 325	325 m <sup>3</sup> /h	Imbalance*	00004591

\* Supply flow rate slows down so that more warm air passes across the heat exchanger to prevent freezing up.

## Technical specifications

Physical Properties			
Dimensions	Height x Width x Depth	mm	705 x 700 x 525
Weight		kg	21
Casing	Coated sheet steel + EPP		
Colours	White + black		
Connections	Interior diameter: Ø 160 mm		
Condensate drain	Ø 32 mm (1 ¼") (2x)		
Heat exchanger	PET / Polystyrene		
Interior material	EPP / PP / ABS		
Power plug cable length	2 m (from top of device)		
Mounting	Wall mounting (standard) - Floor mounting optional		

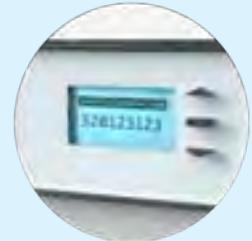
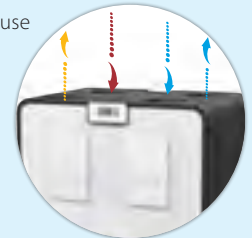
Electrical Characteristics	
Maximum electrical capacity 325 m <sup>3</sup> /h at 150 Pa	111.5W
Power supply	230 V, 50 Hz via 3-core power cable with earthed plug
Plugs	0-10 V in/outputs
Motor type	DC
IP class	IP40
Efficiency	91.1 % (EN 13141-7)

Miscellaneous	
Energy Class	With 2 sensors: A+. Others: A
Filters	Supply air: Standard: ISO 16890 Coarse 65 % (= G4) Exhaust air: Standard: ISO 16890 Coarse 65 % (= G4)
Summer bypass	Full (100% modulating)
Frost protection	Imbalance
Fans	EC fan with curved blades
Automatic configuration	Yes (constant pressure)
Constant flow control	Yes
Controls	Integrated display Use via control switches and room sensors Optionally via smartphone / tablet (if communication print in device*)
Sensors	Integrated: pressure, temperature, humidity (via optional box sensor), onboard switch contact External: CO <sub>2</sub> (via optional room sensor), humidity (via optional room sensor), external switch contact (voltage-free input) (optional)
Communication	Standard: DUCO RF, DUCO Wired, Switch contact Can be expanded with communication print: ModBus, PWM-IN, PWM-OUT, Switch contact (3x), Ethernet, Micro SD-card slot

\* Optional PCB to communicate via Modbus, PWM-IN / PWM-OUT, 3 x Switch Sensor (volt-free input), Ethernet, Micro SD card slot.

## Making life easy for installers

- ✓ **L/R switch: 100% software-based**  
 This unit is very user-friendly because physical interventions are not necessary. The left/right switch is carried out 100% by software thanks to a patented principle of double bypass.
- ✓ **Patented principle of double bypass**  
 For maximum efficiency.
- ✓ **Dynamic Airflow Filters**  
 For maximum efficiency.
- ✓ **Compact and light unit: 705 x 700 x 525 mm**  
 Weighing just 21kg, the lightweight unit can easily be installed by one person. With its compact dimensions, the unit is ideal for a small technical space.
- ✓ **Smart copy function**  
 Thanks to a 'copy' function integrated on a software level, the installer can copy the settings and parametrisation of one DucoBox Energy Comfort onto the next DucoBox Energy Comfort. This is particularly useful in a serial construction with the same types of houses.
- ✓ **Automatic calibration**  
 Relying on the principles of calibration at constant pressure, this method achieves a 50% saving on calibration time. DUCO saves you time.
- ✓ **Low power consumption due to energy-efficient EC motors**
- ✓ **Smart demand control based on CO<sub>2</sub> and/or humidity measurement**



# DucoBox Energy Premium

## Versions

Type	Supply / Extract Airflow Rate at 150 Pa	2- Zone System	Frost protection	Orientation	Reference number
DucoBox Energy Premium 325	325 m³/h	No	Imbalance*	Left	00004456
				Right	00004460
		Yes		Left	00004458
				Right	00004462
DucoBox Energy Premium 400	400m³/h	No		Left	00004464
				Right	00004468
		Yes		Left	00004466
				Right	00004470

\* Supply flow rate slows down so that more warm air passes across the heat exchanger to prevent freezing up.

## Technical specifications

Physical Properties		
Dimensions	Height x Width x Depth	
Weight		
Casing	Coated sheet steel	
Colours	White + green	
Connections	Interior diameter: Ø 160 mm - Exterior diameter: Ø 190 mm	
Condensate drain	Ø 32 mm (1 ¼")	
Heat exchanger	PET / Polystyrene	
Interior material	EPP / PP / ABS	
Power plug cable length	2 m (connected at the top side of the unit)	
Mounting	Wall mounting (standard) - Floor mounting optional	
Electrical Characteristics		
	<b>325</b>	<b>400</b>
Maximum electrical capacity at 150 Pa	120 W (2 x 60 W)	183 W (2 x 91,5 W)
Power supply	230 V, 50 Hz via 3-core power cable with earthed plug	
Plugs	0-10 V in/outputs	
Motor type	DC	
IP class	IP40	
Efficiency	89.0% (EN 13141-7)	88.0 % (EN 13141-7)
Miscellaneous		
Energy Class	With 2 sensors: A+. Others: A	
Filters	Supply air: Standard: ISO 16890 Coarse 65 % (≈ G4) Supply air: Optional: ISO 16890 ePM1 70% (≈ F7) Exhaust air: Standard: ISO 16890 Coarse 65 % (≈ G4)	
Summer bypass	Full (100% modulating)	
Frost protection	Imbalance	
Fans	EC fan with curved blades	
Automatic configuration	Yes (constant pressure)	
Constant flow control	Yes	
Controls	Integrated display Use via control switches and room sensors Optionally via smartphone / tablet (if communication print in device*)	
Sensors	Integrated: pressure, temperature, humidity (via optional box sensor), onboard switch contact External: CO <sub>2</sub> (via optional room sensor), humidity (via optional room sensor), external switch contact (voltage-free input) (optional)	
Communication	Standard: DUCO RF, DUCO Wired, Switch contact Can be expanded with communication print: ModBus, PWM-IN, PWM-OUT, Switch contact (3x), Ethernet, Micro SD-card slot	

\* Optional PCB to communicate via Modbus, PWM-IN / PWM-OUT, 3 x Switch Sensor (volt-free input), Ethernet, Micro SD card slot

This CHRV with heat recovery is ideal for installation in an energy-neutral home of the future. The automatic calibration and integrated two-zone control with demand control ensure ultra-quiet, intelligent and energy-saving operation.



- Patented two-zone system (optional)
 

The day and night zone are controlled separately by a valve integrated into the unit itself. Steering can happen based on time schedules or CO<sub>2</sub> or humidity measurements, thereby significantly improving the energy efficiency.
- Smart humidity measurement and pressure sensors
- Heat exchanger for maximum efficiency
- One of the quietest CHRV solutions
- Favourable fan positioning
- Two standard air filters
- Automatic calibration
 

The automatic calibration, based on the principle of constant pressure, allows for very fast and accurate calibration. This efficiently reduces set-up time to 50%, saving you time and money.

# DUCO residential ventilation material list

Type	Reference	Description	Trade Price
CHRV	00004591	Comfort 325	£1,340.00
	00004456	Premium 325 / 1 Zone LEFT	£1,837.00
	00004460	Premium 325 / 1 Zone RIGHT	£1,837.00
	00004458	Premium 325 / 2 Zone LEFT	£2,119.00
	00004462	Premium 325 / 2 Zone RIGHT	£2,119.00
	00004464	Premium 400 / 1 Zone LEFT	£2,071.00
	00004468	Premium 400 / 1 Zone RIGHT	£2,071.00
	00004466	Premium 400 / 2 Zone LEFT	£2,353.00
	00004470	Premium 400 / 2 Zone RIGHT	£2,353.00



Category	Reference	Description	Energy Comfort	Energy Premium	Trade Price
Accessories	00004251	Communication print (PCB for communication via ModBus, PWM-IN/OUT, 3 x Switch Sensors, Ethernet, Micro SD)	✓	✓	£152.00
	00004376	Flat siphon	✓	✓	£50.00
	00004547	Filter set 2 x Coarse 65% (G4)	✓		£49.00
	00004416	Filter set 1 x Coarse 65% (G4) & 1 ePM1 70% (F7)		✓	£34.00
	00004417	Filter set 2 x Coarse 65% (G4)		✓	£32.00
Controls	00004174	Switching contact RF / 230V	✓	✓	£101.00
	00004545	Humidity Box Sensor	✓		£152.00



Category	Reference	Description	Energy Comfort	Energy Premium	Trade Price	
Controls	00004374	Humidity Box Sensor		✓	£152.00	
	00004600	User controller RF / BAT Wireless White	✓	✓	£63.00	
	00004602	User controller RF / BAT Wired White	✓	✓	£127.00	
	00004604	CO <sub>2</sub> sensor + controller RF / Wired white	✓	✓	£249.00	
	00004606	Humidity sensor + controller RF / Wired white	✓	✓	£152.00	
	00004637	CO <sub>2</sub> sensor without command RF / Wired white	✓	✓	£189.00	
Vents	00004179	DucoVent Design Square (extract)	✓	✓	£65.00	
	00004226	DucoVent Design Square XL (supply / extract)	✓	✓	£65.00	
	00004211	DucoVent Design Rounded Square (extract)	✓	✓	£65.00	
	00004227	DucoVent Design Rounded Square XL (supply / extract)	✓	✓	£65.00	
	00004210	DucoVent Design Round (supply / extract)	✓	✓	£65.00	
	00004178	DucoVent Basic (supply / extract)	✓	✓	£13.00	
	DucoFlex	00004552	Circular air duct D63 - 50m	✓	✓	£119.00
		00004674	Circular air duct D75 - 50m	✓	✓	£148.00
00004692		Circular air duct D90 - 50m	✓	✓	£177.00	
00004563		Floor plenum 12 x 63 - D180	✓	✓	£118.00	
00004565		Floor plenum 12 x 63 - 2 oval	✓	✓	£118.00	
00004564		Ceiling plenum 12 x 63 - D180	✓	✓	£118.00	
00004687		Distribution box (floor / ceiling) 4 oval air ducts (F) D160	✓	✓	£49.00	
00004701		Distribution box (floor / ceiling) 3 oval air ducts (F) + 1 oval air duct (M)	✓	✓	£49.00	
00004681		90° Splitter vent connector long - oval/ D125	✓	✓	£15.00	



Category	Reference	Description	Energy Comfort	Energy Premium	Trade Price	
DucoFlex	00004682	90° Splitter vent connector short - oval/ D125	✓	✓	£13.00	
	00004684	Adapter 3 x 63 oval	✓	✓	£18.00	
	00004685	Adapter 2 x 75 oval	✓	✓	£20.00	
	00004686	Adapter 2 x 90 oval	✓	✓	£21.00	
	00004566	Connector riser round D160 - 2 oval	✓	✓	£30.00	
	00004567	Oval rigid W163 x H68 - 1.15m	✓	✓	£13.00	
	00004568	Oval rigid - Connection Pieces	✓	✓	£5.00	
	00004609	Oval Rigid - 90° horizontal (can be split into 45°)	✓	✓	£12.00	
	00004699	Oval Rigid - 90° vertical	✓	✓	£13.00	
	00004700	Horizontal connector D160 - 2 oval	✓	✓	£23.00	
	00004638	Horizontal connector D125 - 1 oval	✓	✓	£16.00	
	00004553	O-ring D63 (10 units)	✓	✓	£12.00	
	00004675	O-ring D75 (10 units)	✓	✓	£16.00	
	00004676	O-ring D90 (10 units)	✓	✓	£20.00	
	00004554	Coupling D63	✓	✓	£5.00	
	00004677	Coupling D75	✓	✓	£8.00	
	00004678	Coupling D90	✓	✓	£8.00	
	00004679	Elbow 90° D75	✓	✓	£18.00	
	00004680	Elbow 90° D90	✓	✓	£21.00	
	00004599	Duct cutter D63	✓	✓	£47.00	
00004688	Duct cutter D75	✓	✓	£50.00		
00004689	Duct cutter D90	✓	✓	£55.00		

Category	Reference	Description	Energy Comfort	Energy Premium	Trade Price	
DucoFlex	00004569	Star Round Rigid Duct D160 - 1000mm - Insulated EPP	✓	✓	£25.00	
	00004570	Star Round Rigid Duct D180 - 1000mm - Insulated - EPS	✓	✓	£29.00	
	00004571	Star Elbow 90° - D160 - Insulated - EPP	✓	✓	£15.00	
	00004572	Star Elbow 90° - D180 - Insulated - EPS	✓	✓	£21.00	
	00004573	Star Elbow 45° - D160 - Insulated - EPP	✓	✓	£13.00	
	00004574	Star Elbow 45° - D180 - Insulated - EPS	✓	✓	£20.00	
	00004575	Star Connection Piece D160 - Insulated - EPP	✓	✓	£4.00	
	00004576	Star Connection D180 - insulated - EPS	✓	✓	£7.00	
	00004627	Wall terminal white D160	✓	✓	£81.00	
	00004582	Roof terminal Compact D160 - Slate	✓	✓	£70.00	
	00004578	Roof terminal D160 / D180	✓	✓	£114.00	
	00004581	Roof terminal for flat roofs D160 / D180	✓	✓	£32.00	
	00004579	Roof terminal tile D160/180	✓	✓	£122.00	
	00004631	Silencer D160 (M/M) - 1000mm	✓	✓	£37.00	
	00004632	Silencer D180 (M/M) - 1000mm	✓	✓	£38.00	
	00004587	Silencer Semi Rigid D160 - 1000mm	✓	✓	£53.00	
	00004588	Silencer Semi Rigid D180 - 1000mm	✓	✓	£63.00	





Daikin UK Price Book 2022

# Indoor Air Quality



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# Delivering good indoor air quality through whole building climate control

## The importance of good indoor air quality

According to the World Health Organisation (WHO): "Air pollution from both outdoor and indoor sources represents the single largest environmental risk to health globally". It also causes seven million deaths a year worldwide.

For building owners, poor indoor air quality can hit the bottom line; demands from leaseholders and tenants can result in having to carry out costly remedial works to both the building fabric and M&E systems (from lighting to climate control). This can lead to higher running costs and potentially affect market and rental values.

In the UK, air pollution is responsible for **28,000 – 36,000** deaths per year, costing the healthcare sector **£20 billion**



## The causes of poor indoor air quality

Indoor air quality is defined as the quality of the air in and around a building, particularly in relation to the health and comfort of occupants. It is affected by complex and interlinked factors, due to both outside and inside air pollution.




There are several pollution sources inside a building. These include Volatile Organic Compounds (VOCs) given off by wall and floor coverings; furniture and appliances as they age and degrade; dust, damp and mould; emissions from office equipment and industrial machinery and, of course, the occupants themselves, who breathe out CO<sub>2</sub> and can spread colds and viruses.







## Why not just open a window?

In the past, if you wanted to increase the supply of fresh air, you'd simply open a window or door. However, this can allow the ingress of outdoor pollution and simply may not be feasible in cold weather. Additionally, windows in many modern buildings cannot be opened to maintain energy efficiency (and in taller flats for safety reasons). Even if they can be unlocked, opening windows or wedging open a door can have a detrimental effect on an HVAC system's ability to provide a comfortable indoor environment.

## Sources of indoor pollution

- From outdoor environment**
-  Traffic
  -  Industrial process
  -  Construction and demolition etc.

- From indoor environment**
-  VOCs
  -  Dust, damp, mould
  -  Emissions
  -  Colds, viruses, CO<sub>2</sub>

## Residential ventilation

Required ventilation rates for homes are based on the number of bedrooms, from 13 l/s for a one-bedroom home to 29 l/s for a five-bedroom property. The minimum ventilation rate must not be less than 0.3 l/m<sup>2</sup> of the internal floor area (all storeys).

Part F of the Building Regulations Approved Document also gives rates for intermittent or continuous extract ventilation required in kitchens, utility rooms, bathrooms and WCs. Purge ventilation is also required in every habitable room, which can normally be achieved by opening windows and doors.



# Associated products for indoor air quality



Indoor air quality can be managed and controlled in many different ways through the selection of appropriate equipment. Depending on the application and the customers' preferences, a range of other products and filters can be used, which are highlighted in this section.

More details can be found throughout the price guide.

## Auto-cleaning duct

The filter automatically cleans itself. The simplicity of upkeep means optimum energy efficiency and maximum comfort without the need for expensive or time-consuming maintenance.



- › Improved in-room air quality by preventing dust and odours accumulating on the filter
- › Lower maintenance costs and fewer system disruptions as dust can easily be removed with a vacuum cleaner
- › Up to 20% reduction in running costs
- › Great benefit to overall system reliability, as clogged filters are prevented
- › Can be combined with slim concealed ceiling units

## DUCO Centralised Heat Recovery Ventilation (CHR)

The **DucoBox Energy Comfort and Premium provide the optimum indoor air quality by delivering fresh and filtered air at low noise.** Available in either 325m<sup>3</sup>/hr or 400m<sup>3</sup>/hr, the CHR system is provided with a complete range of accessories for ducting.

- › Left and Right switch due to principle of double-bypass (Comfort)
- › Left and Right options (Premium)
- › Smart copy function of settings (Comfort)
- › Automatic calibration (Comfort / Premium)
- › 100% Summer Bypass (Comfort / Premium)
- › Demand controlled due to RH, CO2 sensors (Comfort / Premium)
- › Optional 2 zone control (Premium)
- › BMS connectivity (Comfort / Premium)



DucoBox Energy Comfort



DucoBox Energy Premium

## Indoor unit standard filters

Daikin filters are built to the highest standard to deliver the required air quality within the indoor environment. The Biocidal Product Regulation (BPR528/2012) requires specific testing for the range of pollutants a filter is designed to prevent. Daikin filters utilise a range of technologies:

Filter technology	Approved description
<b>Flash streamer</b>	Using electrons to trigger chemical reactions with air borne particles, the flash streamer breaks down allergens such as pollen and fungal allergens and removes odours providing a better, cleaner air
<b>Titanium apatite deodorising filter</b>	Decomposes odours from sources such as tobacco and pets
<b>Silver allergen removal and air purifying filter</b>	Silver allergen removal and air purifying filter captures allergens such as pollen to ensure a steady supply of clean air
<b>Air Filter</b>	Removes airborne dust particles to ensure a steady stream of clean air
<b>Self cleaning filter</b>	The air filter removes airborne dust particles from the air while the integrated brush regularly and automatically cleans the filter to ensure a steady supply of clean air

The type of filter used in each indoor unit is given below:

Commercial filter name	Urura Sarara FTXZ-N	Emura FTXJ-A	Stylish FTXA-A/B CTXA-A/B	Perfera Wall FTXM-R	Perfera Floor FVXM-A	Low inverter FTXP-M
Flash streamer	●	●	●	●	●	
Titanium apatite deodorising filter	●	●	●	●	●	●
Silver allergen removal and air purifying filter		●	●			●
Air Filter	●	●	●	●	●	●
Self cleaning filter	●					

MC55VB / MC30YB

# Air Purifier with Streamer Technology



\* MC55VB only

### Specifications:

Model	MC55VB				MC30YB			
Colour	White				White			
Mode	Air purifying operation				Air purifying operation			
Applicable room area [1]	m <sup>2</sup>	41			23			
[2]	m <sup>2</sup>	82			46			
Clean Air Delivery Rate (CADR)	m <sup>3</sup> /hr	320			180			
Power supply	1 Phase, 230V, 50hz				1 Phase, 230V, 50hz			
Fan	Type	Multi Blade Fan (Sirocco fan with shroud assembly)			AC Fan			
Mode		Quiet	Low	Standard	Turbo	Low	Standard	Turbo
Airflow rate	m <sup>3</sup> /sec	0.018	0.033	0.053	0.092	0.017	0.033	0.050
Power consumption	kW	0.008	0.010	0.015	0.037	0.008	0.015	0.025
Sound pressure level	dBA	19	29	39	53	19	27	37
Dimensions	H x W x D mm	500 x 270 x 270			450 x 270 x 270			
Weight	kg	6.8			5.8			
Deodorising method		Flash streamer + Deodorising catalyst			Flash streamer + Deodorising catalyst			
Dust collection filter		Electrostatic HEPA Filter			Electrostatic HEPA Filter			
Air filter	Type	PET net			PET net			
<b>Trade price</b>		<b>£350.00</b>			<b>£245.00</b>			

[1] according to JEM 1467; [2] according to NRCC-54013 which uses the clean air delivery rate, i.e. how much clean air is produced in one hour.

Accessory	Description	Price	MC55VB	MC30YB
KAFP080B4	Dust collection Filter (1 sheet), needed after about 10 years	£113.00	✓	
BAFP500A	Dust collection Filter (1 sheet), needed after about 10 years	TBA		✓

### Functions:

	MC55VB	MC30YB
Dust (PM2.5/dust) and odour sensor lamps	✓	
Streamer discharge	✓	✓
Active plasma ion	✓	
Electrostatic HEPA filters	✓	✓
Streamer regenerated deodorising filter	✓	✓
Econo mode	✓	
Auto fan mode	✓	
Anti-pollen mode	✓	
Turbo mode	✓	✓
Childproof lock	✓	✓
Brightness adjustment	✓	
Auto restart after power failure	✓	✓
Stabilizer free	✓	

The applicable room area is appropriate for operating the unit of maximum fan speed (HH). Applicable room area indicates the space where a certain amount of dust particles can be removed in 30 minutes. (JEM 1467)

The applicable room area for NRCC-54013 was converted from test values in accordance with JEM1467.

Operating sound levels are the average of values measured at 1m away from the front, left, right and top of the unit. (These are equal to the values in an anechoic chamber)

Electrostatic HEPA filter is attached in the unit.



The Allergy UK Seal of Approval reassures that the product is efficient at reducing small particulates which may include allergens, bacteria and viruses.

## Three steps to decompose harmful substances

### 1 Powerful suction

Takes in air over a wide area from three directions.



### 2 High energy efficiency

Efficiently catches dust and pollutants with an electrostatic HEPA filter.



### 3 Decomposition

Uses Daikin's Streamer technology to decompose, by oxidation, harmful substances caught on the filter.



## Features

- › Pure air due to double air purification (Active Plasma Ion unit and Streamer Technology)
- › High performance HEPA filter to catch 99.9% of 0.3µm
- › Low maintenance
- › Powerful air suction
- › Stylish new compact design
- › Whisper quiet
- › Suitable for bedrooms, meeting rooms, offices, nurseries, care homes, etc.

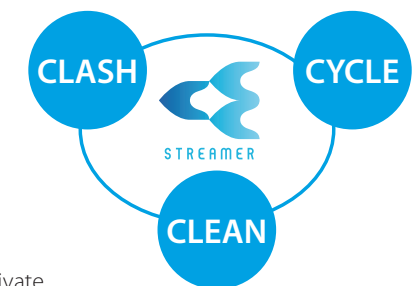
## The streamer symbol consists of three Cs

**CLASH:** The dust collection filter catches the floating substances with the attached harmful gases and Streamer decomposes the gases by oxidation.

**CYCLE:** The deodorising filter adsorbs and decomposes odour. Thanks to the

regeneration of the adsorbing capacity, the deodorising capacity is maintained. There is no need to change the deodorising filter, unlike air purifiers with activated carbon filters.

**CLEAN:** Removes bacteria from dust collection filter.

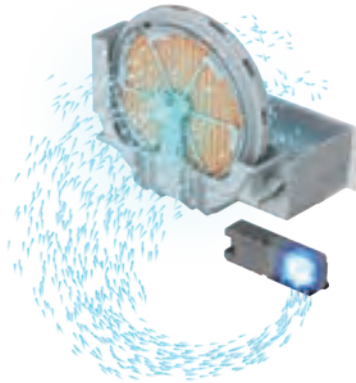


The patented Flash Streamer technology in Daikin Air Purifiers has been proven to inactivate airborne bacteria and viruses – including up to 99.98% of the human coronavirus HCoV-229E.\* The Flash Streamer technology is not meant to be used for medical purposes.

\* Source: Institut Pasteur de Lille test report 2021. <sup>TM</sup> Testing laboratory 'Institut Pasteur de Lille' France, evaluated the effectiveness of Daikin's Air Purifiers against the respiratory viruses: – HCoV-229E (of the same family as SARS-CoV-2, the coronavirus causing the COVID-19 pandemic) – Influenza A virus subtype H1N1 (causing seasonal flu).

MCK55W

# Air Purifier with Streamer Technology and Humidification



## Specifications:

Model		MCK55W				
Colour		White				
Mode		Air Purification				
Applicable room area	[1]	m <sup>2</sup>	41			
	[2]	m <sup>2</sup>	82			
Clean Air Delivery Rate (CADR)		m <sup>3</sup> /hr	320			
Power supply		1 Phase, 230V, 50hz				
Fan	Type	Multi Blade Fan (Sirocco fan with shroud assembly)				
Mode		Quiet	Low	Standard	Turbo	
	Airflow rate	Air purifying operation	m <sup>3</sup> /sec	0.015	0.033	0.053
Power consumption	Humidifying operation	m <sup>3</sup> /sec	0.028	0.040	0.053	0.092
	Air purifying operation	kW	0.007	0.010	0.017	0.056
Sound pressure level	Humidifying operation	kW	0.011	0.014	0.019	0.058
	Air purifying operation	dBA	19	29	39	53
Humidification	Humidifying operation	dBA	25	33	39	53
		ml/sec	0.056	0.067	0.083	0.139
	Water tank capacity	litre	2.7			
Dimensions	Height x Width x Depth	mm	700 x 270 x 270			
Weight		kg	9.5 (without water)			
Deodorising method		Flash streamer + Deodorising catalyst				
Dust collection filter		Electrostatic HEPA Filter				
Air filter	Type	PET net				
<b>Trade Price</b>		<b>£439.00</b>				

[1] according to JEM 1467; [2] according to NRCC-54013 which uses the clean air delivery rate, i.e. how much clean air is produced in one hour.

Accessory	Description	Price
KAFP080B4	Dust collection Filter (1 sheet), needed after about 10 years	£113.00
KNME080A4	Humidifying Filter (1 sheet), needed after about 10 years	£64.00

## Functions:

Dust (PM2.5/dust) and odour sensor lamps	✓
Streamer discharge	✓
Active plasma ion	✓
Electrostatic HEPA filters	✓
Streamer regenerated deodorizing filter	✓
Econo mode	✓
Auto fan mode	✓
Anti-pollen mode	✓
Turbo mode	✓
Childproof lock	✓
Brightness adjustment	✓
Auto restart after power failure	✓
Stabilizer free	✓

The applicable room area is appropriate for operating the unit of maximum fan speed (HH). Applicable room area indicates the space where a certain amount of dust particles can be removed in 30 minutes. (JEM 1467)

The applicable room area for NRCC-54013 was converted from test values in accordance with JEM1467.

Humidification amount changes in accordance with indoor and outdoor temperature and humidity. Measurement condition: 20°C in temperature, 30% in humidity.

Operating sound levels are the average of values measured at 1m away from the front, left, right and top of the unit. (These are equal to the values in an anechoic chamber)

Electrostatic HEPA filter and humidifying filters are attached in the unit.

## Three steps to decompose harmful substances

### 1 Powerful suction

Takes in air over a wide area from three directions.



### 2 High energy efficiency

Efficiently catches dust and pollutants with an electrostatic HEPA filter.



### 3 Decomposition

Uses Daikin's Streamer technology to decompose, by oxidation, harmful substances caught on the filter.



## Features

- › Pure air due to double air purification (Active Plasma Ion unit and Streamer Technology)
- › Protects the skin and throat from dryness whilst eliminating bacteria
- › High performance HEPA filter to catch 99.9% of 0.3µm
- › Suitable for bedrooms, meeting rooms, offices, nurseries, care homes, etc.
- › Low maintenance
- › Stylish new compact design
- › Powerful air suction
- › Whisper quiet

## The streamer symbol consists of three Cs

**CLASH:** The dust collection filter catches the floating substances with the attached harmful gases and Streamer decomposes the gases by oxidation.

**CYCLE:** The deodorising filter adsorbs and decomposes odour. Thanks to the

regeneration of the adsorbing capacity, the deodorising capacity is maintained. There is no need to change the deodorising filter, unlike air purifiers with activated carbon filters.

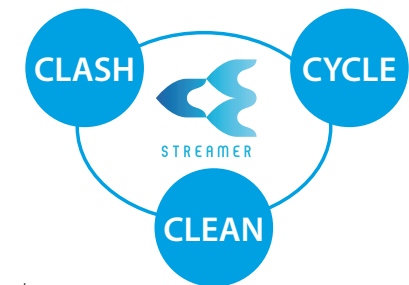
**CLEAN:** Removes bacteria from dust collection filter.

The patented Flash Streamer technology in Daikin Air Purifiers has been proven to inactivate airborne bacteria and viruses – including up to 99.98% of the human coronavirus HCoV-229E.\* The Flash Streamer technology is not meant to be used for medical purposes.

\* Source: Institut Pasteur de Lille test report 2021. <sup>TM</sup> Testing laboratory 'Institut Pasteur de Lille' France, evaluated the effectiveness of Daikin's Air Purifiers against the respiratory viruses: – HCoV-229E (of the same family as SARS-CoV-2, the coronavirus causing the COVID-19 pandemic) – Influenza A virus subtype H1N1 (causing seasonal flu).



The Allergy UK Seal of Approval reassures that the product is efficient at reducing small particulates which may include allergens, bacteria and viruses.





MCK70YB

# Air Purifier with Twin Streamer Technology and Humidification



**NEW** Twin streamer unit  
High speed electrons are discharged

NO NEED TO CHANGE

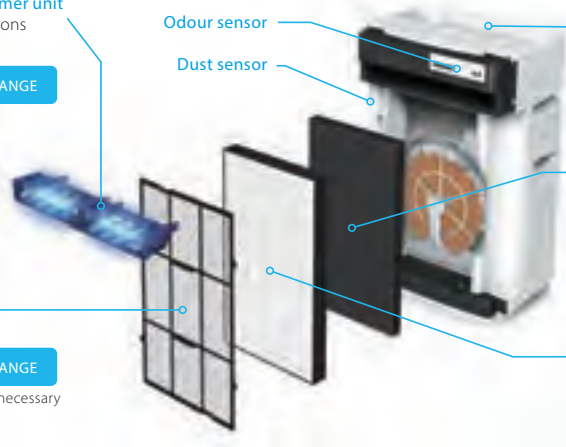


Pre-filter  
Catches dust

NO NEED TO CHANGE

\*regular cleaning is necessary

Odour sensor  
Dust sensor



Active plasma ion generation unit  
Plasma ions are discharged

NO MAINTENANCE OR EXCHANGE NEEDED

Deodorising filter  
Absorbs odour

NO NEED TO CHANGE

HEPA filter  
Catches fine particles of dust and pollen

NO NEED TO CHANGE FOR 10 YEARS

**Specifications:**

Model		MCK70YB			
Colour		White			
Mode		Air Purification			
Applicable room area	[1] m <sup>2</sup>	48			
	[2] m <sup>2</sup>	96			
Clean Air Delivery Rate (CADR)	m <sup>3</sup> /hr	375			
Power supply		1 Phase, 230V, 50hz			
Fan	Type	Multi Blade Fan (Sirocco fan with shroud assembly)			
Mode		Quiet	Low	Standard	Turbo
Airflow rate	Air purifying operation m <sup>3</sup> /sec	0.017	0.037	0.058	0.117
	Humidifying operation m <sup>3</sup> /sec	0.028	0.037	0.058	0.117
Power consumption	Air purifying operation kW	0.008	0.010	0.016	0.066
	Humidifying operation kW	0.011	0.012	0.018	0.068
Sound pressure level	Air purifying operation dBA	18	27	37	54
	Humidifying operation dBA	23	27	37	54
Humidification	ml/sec	-	-	-	0.181
	Water tank capacity litre	3.6			
Dimensions	Height x Width x Depth mm	600 x 395 x 287			
Weight	kg	12.5 (without water)			
Deodorising method		Flash streamer + Deodorizing catalyst			
Dust collection filter		Electrostatic HEPA Filter			
Air filter	Type	PET net			
<b>Trade Price</b>		<b>£475.00</b>			

[1] according to JEM 1467; [2] according to NRCC-54013 which uses the clean air delivery rate, i.e. how much clean air is produced in one hour.

Accessory	Description	Price
KAFP085A4	Dust collection Filter (1 sheet), needed after about 10 years	£166.00
KNME043B4	Humidifying Filter (1 sheet), needed after about 10 years	£166.00

**Functions:**

Dust (PM2.5/dust) and odour sensor lamps	✓
Streamer discharge	✓
Active plasma ion	✓
Electrostatic HEPA filters	✓
Streamer regenerated deodorizing filter	✓
Econo mode	✓
Auto fan mode	✓
Anti-pollen mode	✓
Turbo mode	✓
Childproof lock	✓
Brightness adjustment	✓
Auto restart after power failure	✓
Stabilizer free	✓

The applicable room area is appropriate for operating the unit of maximum fan speed (HH). Applicable room area indicates the space where a certain amount of dust particles can be removed in 30 minutes. (JEM 1467)

The applicable room area for NRCC-54013 was converted from test values in accordance with JEM1467.

Humidification amount changes in accordance with indoor and outdoor temperature and humidity. Measurement condition: 20°C in temperature, 30% in humidity.

Operating sound levels are the average of values measured at 1m away from the front, left, right and top of the unit. (These are equal to the values in an anechoic chamber)

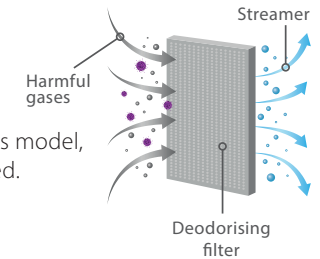
Electrostatic HEPA filter and humidifying filters are attached in the unit.

## Decomposition of harmful gases is twice as fast<sup>1</sup>

(In comparison with conventional Daikin products)

Equipped with twice the Streamer units in comparison to a previous model, it decomposes harmful gases such as exhaust gas at twice the speed.

This is in a test space, and not a test result in an actual operational space.



## Deodorisation is twice as effective<sup>2</sup>

(In comparison with previous Daikin product)

The deodorising filter absorbs odours, and twin streamer quickly decomposes them. Combining the effect of the deodorising filter doubles the amount of deodorisation.

The effect was in a test space of 29.4 m<sup>3</sup> after 30 minutes of operation and was not a test result in an actual operational space.

## Twin streamer even cleans the inside of the unit

- Removes bacteria on the dust collection filter.<sup>3</sup> (In comparison with a previous Daikin model)
- Speed of bacteria removal is as fast.<sup>4</sup>

The effect was in a closed test space of approximately 25 m<sup>3</sup> after 2.5 hours of operation and was not a test result in an actual operational space.

Twice the decomposition power for dust particles and odours

Equipped with twice the Streamer units compared to conventional models, this air purifier also features a structural design that irradiates the filter even more effectively.

<sup>1</sup> Placed an air purifier in a 1m3 box with acetaldehyde as an exhaust gas-derived VOC and operated the air purifier (at maximum Streamer output operation). Measured the change in acetaldehyde concentration. (Only the decomposed amount was calculated by subtracting the amount of filter absorption.) (Daikin evaluation) Reduction of acetaldehyde concentration was confirmed to be twice as fast as conventional products. Comparison between 2018 MCK70U (Japanese model), a model equivalent to MCK70V and 2017 MCK70T (Japanese model). | <sup>2</sup> Measured the change in ammonia concentration due to tobacco in a test space of 29.4 m3, and compared decrease from a concentration equivalent to Level 3 on the odour intensity scale. (Daikin evaluation) Test result: Confirmed that indoor ammonia concentration decreased by half after 30 minutes. Comparison between 2018 MCK70U (Japanese model), a model equivalent to MCK70V and 2017 MCK70T (Japanese model). | <sup>3</sup> Testing organization: Japan Food Research Laboratories. Test number: 17117469001-0101. Test method: Attached a test piece inoculated with bacterial liquid on the upstream side of the dust collection filter installed into the air purifier, and operated in a closed test space of 25m3. Counted the number of live bacteria after 2.5 hours. Test object: One bacterium type. Test result: Reduced by more than 99% after 2.5 hours. Test unit: Tested with MCK70U (Japanese model), a model equivalent to MCK70V. | <sup>4</sup> Twin streamer: reduced by more than 99% in 2.5 hours; Streamer: reduced by more than 99% in 5 hours.

# Mobile Air Quality Control Monitor



- **GOOD**
- **MODERATE**
- **POLLUTED**
- **VERY POLLUTED**
- **SEVERELY POLLUTED**

UK.ATMOTUBE	
Real-time detection	<ul style="list-style-type: none"> <li>• PM1/PM2.5/PM10 particles</li> <li>• Volatile Organic Compounds</li> <li>• Atmospheric pressure</li> <li>• Temperature and relative humidity</li> </ul>
Rechargeable battery	2000 mAh Li-ion
Wireless connection	Bluetooth 5.0 LE
Charging port	USB Type-C
Dimensions	86 x 50 x 22 mm (3.4 x 2 x 0.9")
Weight	104g
<b>Price</b>	<b>£280.00</b>

## Features

- › LED light colour indicates the current Air Quality Score (AQSI)
- › Monitors level of pollen, soot, smoke, and mould in the air
- › Also measures temperatures and atmospheric pressure
- › Easily access all the measured data using the free iOS or Android App
- › Features carabiner mount to fit on the move







# Daikin UK Price Book 2022

## Residential Split & Sky Air

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FTXZ-N / RXZ-N

# Wall Mounted – Ururu Sarara



RXZ25-50N



WI-FI CONTROL VIA APP



onecta

WI-FI ADAPTOR

AVAILABLE AS AN OPTION

## Accessories:

Accessory Ref	Description	Trade Price
BRC073	Wired remote control - connection cable required	£103.00
BRCW901A03	3m extension cord required for wired remote controller BRC073	£17.00
BRCW901A08	8m extension cord required for wired remote controller BRC073	£26.00
BRP069B42	Wi-Fi adapter for use with Daikin ONECTA App	£77.00
K.CWB90-2	Condensing unit bracket - up to size 50, max weight 90kg of ODU	£44.00
K.DT1	Condensate drip tray for use with K.CWB90-2	£68.00
KLIC-DDV3	KNX interface for Split type systems	£214.00
KPMH950A4L	L-shaped cuffs for humidification hose (10 pieces)	£44.00
KPMH974B403	Humidification hose extension set (2m length)	£60.00
KPMH974B43	Hose for humidification (10m length)	£173.00
KPMJ942A4	Humidification hose extension joints (10 pieces)	£44.00
KPMJ983A4L	L-shaped joints for humidification hose (10 pieces)	£135.00
KRP413A15	Adaptor PCB for remote on/off control - constant/pulse contact	£96.00
KRP928A25	Adaptor PCB for interface to Daikin centralised control systems	£172.00
RTD-RA	Adaptor PCB for Modbus connection and/or extended system functions	£198.00

Indoor Units			FTXZ25N	FTXZ35N	FTXZ50N
Capacity	UK Total Cooling	kW	2.44	3.42	4.89
	UK Sensible Cooling	kW	2.11	2.62	3.49
	Nominal Cooling	kW	2.5	3.5	5.0
	Nominal Heating	kW	3.6	5.0	6.3
Seasonal Efficiency (EN14825) COOLING	Energy Label		A+++	A+++	A+++
	Pdesign	kW	2.5	3.5	5.0
	SEER		9.54	9.00	8.60
	Annual Energy Consumption	kWh	92	136	203
Seasonal Efficiency (EN14825) HEATING	Energy Label		A+++	A+++	A+++
	Pdesign	kW	3.5	4.5	5.6
	SCOP		5.90	5.73	5.50
	Annual Energy Consumption	kWh	831	1100	1427
Air Flow Rate (Cooling)	High / Nom / Low / Silent	m³/sec	0.178 / 0.125 / 0.088 / 0.067	0.202 / 0.140 / 0.093 / 0.067	0.250 / 0.153 / 0.110 / 0.077
Dimensions	Height	mm	295	295	295
	Width	mm	798	798	798
	Depth	mm	372	372	372
Weight		kg	15	15	15
RAL Colour			RAL 9002	RAL 9002	RAL 9002
Sound Pressure (Cooling)	High / Nom / Low / Silent	dB(A)	38 / 33 / 26 / 19	42 / 35 / 27 / 19	47 / 38 / 30 / 23
Sound Pressure (Heating)	High / Nom / Low / Silent	dB(A)	39 / 35 / 28 / 19	42 / 36 / 29 / 19	44 / 38 / 31 / 24
Sound Power (Cooling)		dB(A)	54	57	60

Outdoor Units			RXZ25N	RXZ35N	RXZ50N
Dimensions	Height x Width x Depth	mm	693 x 795 x 300	693 x 795 x 300	693 x 795 x 300
Weight		kg	50	50	50
Electrical Details	Power Supply		1ph	1ph	1ph
	Running Current	A	1.80	2.80	4.80
	Starting Current	A	2.8	4.4	6.2
	Max Fuse Size	A	16	16	16
Interconnection Wiring	Core / Cable size		3+E / 1.5	3+E / 1.5	3+E / 1.5
Piping Connections	Liquid / Gas	inches (mm)	1/4 (6.4) / 3/8 (9.5)	1/4 (6.4) / 3/8 (9.5)	1/4 (6.4) / 3/8 (9.5)
Pipework	Maximum Length	m	10	10	10
	Maximum Vertical Rise	m	8	8	8
	Precharged to	m	10	10	10
	Additional charge	g/m	-	-	-
	Holding Charge	kg	1.34	1.34	1.34
Sound Pressure (Cooling)	High / Low / Silent	dB(A)	46 / - / -	48 / - / -	49 / - / -
Sound Pressure (Heating)	High / Low / Silent	dB(A)	46 / - / -	48 / - / -	50 / - / -
Sound Power (Cooling)		dB(A)	59	61	63
Operating Range (Cooling)	Min / Max	°CDB	-10 / 43	-10 / 43	-10 / 43
Operating Range (Heating)	Min / Max	°CWB	-20 / 18	-20 / 18	-20 / 18
Air Flow Rate (Cooling)	High	m³/sec	0.516	0.573	0.673

Meets ETL criteria	●	●	●
<b>Trade Fan Coil Price</b>	<b>£437.00</b>	<b>£513.00</b>	<b>£672.00</b>
<b>Trade Condensing Unit Price</b>	<b>£1,184.00</b>	<b>£1,371.00</b>	<b>£1,442.00</b>
<b>Total System Price</b>	<b>£1,621.00</b>	<b>£1,884.00</b>	<b>£2,114.00</b>

## Notes & Features:

- All fan coils are supplied with infrared remote controller ARC477A1
- The supplied humidifying hose is 8m long
- Complete climate control with dehumidification, ventilation, air purification and heating and cooling
- Self cleaning filters ensure optimum air quality and efficiency of operation
- 3 area intelligent eye ensures air is directed away from occupants in the room



R-32

BLUEEVOLUTION

stylish

FTXA-A/B / RXA-A/B

# Wall Mounted – Stylish



RXA20-35A9



WI-FI CONTROL VIA APP



onecta

WI-FI ADAPTOR

INCLUDED AS STANDARD

## Accessories:

Accessory Ref	Description	Trade Price
EKRS21	Wire harness for new S21 port for all marked (*) options	£9.00
BRC073*	Wired remote control - connection cable required	£103.00
BRCW901A03	3m extension cord required for wired remote controller BRC073	£17.00
BRCW901A08	8m extension cord required for wired remote controller BRC073	£26.00
K.CGM	Condensing unit guard (1150 x 1150 x 650)	£388.00
K.CGS	Condensing unit guard (750 x 1050 x 460)	£280.00
K.CWB90-2	Condensing unit bracket - for up to size 71, max weight 90kg of ODU	£44.00
K.DT1	Condensate drip tray for use with K.CWB90-2	£68.00
KLIC-DDV3*	KNX interface for Split type systems	£214.00
KRP413A15*	Adaptor PCB for remote on/off control - constant/pulse contact	£96.00
KRP928A25*	Adaptor PCB for interface to Daikin centralised control systems	£172.00
RTD-RA*	Adaptor PCB for Modbus connection and/or extended system functions	£198.00

Indoor Units	White (RAL 9002)		CTXA15AW	FTXA20AW	FTXA25AW	FTXA35AW	FTXA42AW	FTXA50AW	
	Black (RAL 9005)		CTXA15BB	FTXA20BB	FTXA25BB	FTXA35BB	FTXA42BB	FTXA50BB	
		Silver (RAL 9006)		CTXA15BS	FTXA20BS	FTXA25BS	FTXA35BS	FTXA42BS	FTXA50BS
		Blackwood (RAL N/A)			FTXA20BT	FTXA25BT	FTXA35BT	FTXA42BT	FTXA50BT
Capacity	UK Total Cooling	kW	Multi Combination Only		1.95	2.44	3.32	4.11	4.89
	UK Sensible Cooling	kW			1.95	1.96	2.43	3.01	3.56
	Nominal Cooling	kW			2.0	2.5	3.4	4.2	5.0
	Nominal Heating	kW			2.5	2.8	4.0	5.4	5.8
	Energy Label				A+++	A+++	A+++	A++	A++
Seasonal Efficiency (EN14825) COOLING	Pdesign	kW			2.0	2.5	3.4	4.2	5.0
	SEER				8.75	8.74	8.73	7.50	7.33
	Annual Energy Consumption	kWh			80	101	137	196	239
Seasonal Efficiency (EN14825) HEATING	Energy Label				A+++	A+++	A+++	A++	A++
	Pdesign	kW			2.40	2.45	2.50	3.80	4.00
	SCOP			5.15	5.15	5.15	4.6	4.6	
	Annual Energy Consumption	kWh		653	666	680	1150	1217	
Air Flow Rate (Cooling)	High / Med / Low / Silent	m³/sec		0.183 / 0.133 / 0.102 / 0.077	0.183 / 0.133 / 0.102 / 0.077	0.192 / 0.143 / 0.102 / 0.077	0.198 / 0.143 / 0.102 / 0.077	0.218 / 0.163 / 0.120 / 0.077	0.225 / 0.173 / 0.127 / 0.087
Dimensions	Height / Width / Depth	mm		295 x 798 x 189	295 x 798 x 189	295 x 798 x 189	295 x 798 x 189	295 x 798 x 189	295 x 798 x 189
Weight		kg		12	12	12	12	12	
Sound Pressure (Cooling)	High / Med / Low / Silent	dB(A)		39 / 32 / 25 / 21	39 / 32 / 25 / 19	40 / 33 / 25 / 19	41 / 33 / 25 / 19	45 / 37 / 29 / 21	46 / 39 / 31 / 24
Sound Power (Cooling)		dB(A)		57	57	57	60	60	60

Outdoor Units			RXA20A9	RXA25A9	RXA35A9	RXA42B	RXA50B
Dimensions	Height x Width x Depth	mm	550 x 765 x 285	550 x 765 x 285	550 x 765 x 285	734 x 870 x 373	734 x 870 x 373
Weight		kg	32	32	32	50	50
Electrical Details	Power Supply		1ph	1ph	1ph	1ph	1ph
	Maximum Input Current (MCA)	A	9.9	11	11	12.8	12.8
	Max Fuse Size	A	10	16	16	16	16
Interconnection Wiring	Core / Cable Size		3+E / 1.5	3+E / 1.5	3+E / 1.5	3+E / 1.5	3+E / 1.5
Piping Connections	Liquid / Gas	inches (mm)	1/4 (6.4) / 3/8 (9.5)	1/4 (6.4) / 3/8 (9.5)	1/4 (6.4) / 3/8 (9.5)	1/4 (6.4) / 1/2 (12.7)	1/4 (6.4) / 1/2 (12.7)
Pipework	Maximum Length	m	20	20	20	30	30
	Maximum Vertical Rise	m	15	15	15	20	20
	Precharged to	m	10	10	10	10	10
	Additional charge	g/m	20	20	20	20	20
	Holding charge	kg	0.76	0.76	0.76	1.1	1.1
Sound Pressure (Cooling)	Nominal	dB(A)	46	46	49	48	48
Sound Power (Cooling)		dB(A)	59	59	61	62	62
Operating Range (Cooling)	Min / Max	°CDB	-10 / 46	-10 / 46	-10 / 46	-10 / 46	-10 / 46
Operating Range (Heating)	Min / Max	°CWB	-15 / 18	-15 / 18	-15 / 18	-15 / 18	-15 / 18
Air Flow Rate (Cooling)	Nominal	m³/sec	0.567	0.567	0.600	0.757	0.777

Meets ETL criteria

Indoor Trade Price - White	£311.00	£353.00	£372.00	£418.00	£471.00	£550.00
Indoor Trade Price - Black	£341.00	£389.00	£409.00	£459.00	£517.00	£605.00
Indoor Trade Price - Silver	£372.00	£422.00	£444.00	£497.00	£561.00	£656.00
Indoor Trade Price - Blackwood	£372.00	£422.00	£444.00	£497.00	£561.00	£656.00
Condensing Unit Trade Price	£643.00	£677.00	£786.00	£896.00	£1,058.00	
Total System Price - White	£996.00	£1,049.00	£1,204.00	£1,367.00	£1,608.00	
Total System Price - Black	£1,032.00	£1,086.00	£1,245.00	£1,413.00	£1,663.00	
Total System Price - Silver	£1,065.00	£1,121.00	£1,283.00	£1,457.00	£1,714.00	
Total System Price - Blackwood	£1,065.00	£1,121.00	£1,283.00	£1,457.00	£1,714.00	

## Notes & Features:

- All fan coils are supplied with infrared remote controller ARC466A58
- New fan with Coanda effect for optimum air distribution and indoor comfort
- New grid eye sensor redirects air away from the occupants in the room
- Flash Streamer technology helps improve indoor air quality
- Can be connected with R410A Mini VRV using BPMK boxes except for CTXA
- RXA20-35A9 can reduce the sound power by a further 6 dB(A)
- Latest indoor air quality Flash Streamer technology included

FTXJ-AW/S/B / RXJ-A

# Wall Mounted – Emura



RXJ20-35A



WI-FI CONTROL VIA APP



onecta

WI-FI ADAPTOR

INCLUDED AS STANDARD

## Accessories:

Accessory Ref	Description	Trade Price
BRC073	Wired remote control - connection cable required	£103.00
BRCW901A03	3m extension cord required for wired remote controller BRC073	£17.00
BRCW901A08	8m extension cord required for wired remote controller BRC073	£26.00
K.CGM	Condensing unit guard (1150 x 1150 x 650)	£388.00
K.CGS	Condensing unit guard (750 x 1050 x 460)	£280.00
K.CWB90-2	Wall bracket (90kg, 500mm support arm)	£44.00
K.DT1	Condensate drip tray for use with K.CWB90-2	£68.00
KLIC-DDV3	KNX interface for Split type systems	£214.00
KRP413A15	Adaptor PCB for remote on/off control - constant/pulse contact	£96.00
KRP928A2S	Adaptor PCB for interface to Daikin centralised control systems	£172.00
RTD-RA	Adaptor PCB for Modbus connection and/or extended system functions	£198.00

Indoor Units	White (RAL 9002)		FTXJ20AW	FTXJ25AW	FTXJ35AW	FTXJ42AW	FTXJ50AW	
	Silver (RAL 9006)		FTXJ20AS	FTXJ25AS	FTXJ35AS	FTXJ42AS	FTXJ50AS	
	Black (RAL 9005)		FTXJ20AB	FTXJ25AB	FTXJ35AB	FTXJ42AB	FTXJ50AB	
Capacity	UK Total Cooling	kW	2.25	2.35	3.28	4.50	TBA	
	UK Sensible Cooling	kW	1.84	1.92	2.47	3.16	TBA	
	Nominal Cooling	kW	2.0	2.5	3.4	4.2	5.0	
	Nominal Heating	kW	2.5	2.8	4.0	5.4	5.8	
	Seasonal Efficiency (EN14825)	Energy Label	A+++	A+++	A+++	A++	A++	
COOLING	Pdesign	kW	2.00	2.50	3.40	4.20	5.00	
	SEER		8.75	8.74	8.73	7.5	7.33	
	Annual Energy Consumption	kWh	92	97	170	239	92	
	Seasonal Efficiency (EN14825)	Energy Label	A+++	A+++	A+++	A++	A++	
	Pdesign	kW	2.40	2.45	2.50	3.80	4.00	
HEATING	SCOP		5.15	5.15	5.15	4.60	4.60	
	Annual Energy Consumption	kWh	638	822	913	1505	638	
	Air Flow Rate (Cooling)	High / Med / Low / Silent	m³/sec	0.148/0.110/0.073/0.043	0.148/0.110/0.073/0.043	0.182/0.130/0.080/0.048	0.182/0.148/0.113/0.060	0.148/0.110/0.073/0.043
	Dimensions	Height x Width x Depth	mm	305 x 900 x 214	305 x 900 x 214	305 x 900 x 214	305 x 900 x 214	305 x 900 x 214
	Weight		kg	12	12	12	12	12
Sound Pressure (Cooling)	High / Med / Low / Silent	dBA	39/32/25/19	40/33/25/19	41/33/25/19	45/37/29/21	46/39/31/24	
Sound Pressure (Heating)	High / Med / Low / Silent	dBA	39/32/25/19	40/33/25/19	41/33/25/19	45/37/29/21	46/42/33/24	
Sound Power (Cooling)		dBA	57	57	60	60	60	

Outdoor Units			RXJ20A	RXJ25A	RXJ35A	RXJ42A	RXJ50A
Dimensions	Height x Width x Depth	mm	553 x 840 x 350	553 x 840 x 350	553 x 840 x 350	734 x 954 x 408	734 x 954 x 408
Weight		kg	32	32	32	49	49
Electrical Details	Power Supply		1ph	1ph	1ph	1ph	1ph
	Maximum Input Current (MCA)	A	7.9	7.9	8.8	11.3	11.3
	Max Fuse Size	A	10	10	10	13	13
Interconnection Wiring	Core / Cable size		3+E / 1.5	3+E / 1.5	3+E / 1.5	3+E / 1.5	3+E / 1.5
Piping Connections	Liquid / Gas	inches (mm)	1/4 (6.4) / 3/8 (9.5)	1/4 (6.4) / 3/8 (9.5)	1/4 (6.4) / 3/8 (9.5)	1/4 (6.4) / 1/2 (12.7)	1/4 (6.4) / 1/2 (12.7)
Pipework	Maximum Length	m	20	20	20	30	30
	Maximum Vertical Rise	m	15	15	15	20	20
	Precharged to	m	10	10	10	10	10
	Additional charge	g/m	20	20	20	20	20
	Holding Charge	kg	0.76	0.76	0.76	1.15	1.15
	Sound Pressure (Cooling)	Nominal	dBA	46	46	49	48
Sound Pressure (Heating)	Nominal	dBA	47	47	49	48	49
Sound Power (Cooling)		dBA	59	59	61	62	62
Operating Range (Cooling)	Min / Max	°CDB	-10 / 50	-10 / 50	-10 / 50	-10 / 50	-10 / 50
Operating Range (Heating)	Min / Max	°CWB	-20 / 24	-20 / 24	-20 / 24	-20 / 24	-20 / 24
Air Flow Rate (Cooling)	Nominal	m³/sec	0.567	0.567	0.600	0.777	0.777
Meets ETL criteria			●	●	●	●	●

<b>Indoor Trade Price - White</b>	<b>£371.00</b>	<b>£391.00</b>	<b>£439.00</b>	<b>£495.00</b>	<b>£578.00</b>
<b>Indoor Trade Price - Silver</b>	<b>£443.00</b>	<b>£466.00</b>	<b>£522.00</b>	<b>£589.00</b>	<b>£689.00</b>
<b>Indoor Trade Price - Black</b>	<b>£408.00</b>	<b>£429.00</b>	<b>£482.00</b>	<b>£543.00</b>	<b>£635.00</b>

<b>Condensing Unit Trade Price</b>	<b>£675.00</b>	<b>£711.00</b>	<b>£825.00</b>	<b>£941.00</b>	<b>£1,111.00</b>
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<b>Total System Price - White</b>	<b>£1,046.00</b>	<b>£1,102.00</b>	<b>£1,264.00</b>	<b>£1,436.00</b>	<b>£1,689.00</b>
<b>Total System Price - Silver</b>	<b>£1,118.00</b>	<b>£1,177.00</b>	<b>£1,347.00</b>	<b>£1,530.00</b>	<b>£1,800.00</b>
<b>Total System Price - Black</b>	<b>£1,083.00</b>	<b>£1,140.00</b>	<b>£1,307.00</b>	<b>£1,484.00</b>	<b>£1,746.00</b>

## Notes & Features:

- All fan coils are supplied with infrared remote controller ARC466A9 (7-day schedule timer)
- All fan coils have auto restart after power failure
- Wired controller, KLIC-DI and RTD-RA options cannot be combined
- Sleek, low profile design
- Night set mode
- Improved air purifying filter: superior purification and deodorisation of the air inside the room
- 2-area intelligent eye and presence sensor
- 5 fan speeds can be selected; from high to super low
- RXJ20-35A can reduce the sound power by a further 6 dB(A)
- Latest indoor air quality Flash Streamer technology included

FTXM-R / RZAG-A

# Wall Mounted – Mini Sky Air

**SkyAir** Alpha-series



**50m**  
PIPE RUN



RZAG35-60A



WI-FI CONTROL VIA APP



WI-FI ADAPTOR

INCLUDED AS STANDARD

Accessories:

Accessory Ref	Description	Trade Price
EKRS21	Wire harness for S21 port for all marked (*) options	£9.00
BRC073*	Wired remote control - connection cable required	£103.00
BRCW901A03	3m extension cord required for wired remote controller BRC073	£17.00
BRCW901A08	8m extension cord required for wired remote controller BRC073	£26.00
K.CGM	Condensing unit guard (1150 x 1150 x 650)	£388.00
K.CWB90-2	Wall bracket (90kg, 500mm support arm)	£44.00
K.DT1	Condensate drip tray for use with K.CWB90-2	£68.00
KLIC-DDV3*	KNX interface for Split type systems	£214.00
KRP413A15*	Adaptor PCB for remote on/off control - constant/pulse contact	£96.00
KRP928A25*	Adaptor PCB for interface to Daikin centralised control systems	£172.00
RTD-RA*	Adaptor PCB for Modbus connection and/or extended system functions	£198.00

Indoor Units			FTXM35R	FTXM50R	FTXM60R
Capacity	UK Total Cooling	kW	3.42	4.89	5.86
	UK Sensible Cooling	kW	2.52	3.36	3.98
	Nominal Cooling	kW	3.5	5.0	6.0
	Nominal Heating	kW	4.0	6.0	7.0
Seasonal Efficiency (EN14825) COOLING	Energy Label		A++	A++	A++
	Pdesign	kW	3.5	5.0	6.0
	SEER		7.70	7.41	6.90
Seasonal Efficiency (EN14825) HEATING	Energy Label		A++	A++	A+
	Pdesign	kW	2.6	4.5	4.6
	SCOP		4.60	4.60	4.35
Air Flow Rate (Cooling)	High / Med / Low / Silent	m <sup>3</sup> /sec	0.175 / 0.125 / 0.095 / 0.072	0.263 / 0.233 / 0.190 / 0.138	0.278 / 0.233 / 0.197 / 0.152
Dimensions	Height	mm	295	299	299
	Width	mm	778	998	998
	Depth	mm	272	292	292
Weight		kg	10	14.5	14.5
Sound Pressure (Cooling)	High / Med / Low / Silent	dB(A)	45 / 33 / 29 / 19	44 / 40 / 36 / 27	46 / 42 / 37 / 30
Sound Pressure (Heating)	High / Med / Low / Silent	dB(A)	39 / 35 / 28 / 20	43 / 39 / 34 / 31	45 / 41 / 36 / 33
Sound Power (Cooling)		dB(A)	58	58	60

Outdoor Units			RZAG35A	RZAG50A	RZAG60A
Dimensions	Height x Width x Depth	mm	734 x 870 x 373	734 x 870 x 373	734 x 870 x 373
Weight		kg	52	52	52
Electrical Details	Power Supply		1ph	1ph	1ph
	Maximum Input Current (MCA) A		14.53	14.83	16.70
	Max Fuse Size	A	16	16	20
Interconnection Wiring	Core / Cable Size		3+E / 1.5	3+E / 1.5	3+E / 1.5
Piping Connections	Liquid / Gas	inches (mm)	1/4 (6.4) / 3/8 (9.5)	1/4 (6.4) / 1/2 (12.7)	1/4 (6.4) / 1/2 (12.7)
Pipework	Maximum Length	m	50	50	50
	Maximum Vertical Rise	m	30	30	30
	Precharged to	m	30	30	30
	Additional charge	g/m	20	20	20
	Holding charge	kg	1.55	1.55	1.55
Sound Pressure (Cooling)	Nominal	dB(A)	48	49	50
Sound Pressure (Heating)	Nominal	dB(A)	48	49	50
Sound Power (Cooling)		dB(A)	62	63	64
Operating Range (Cooling)	Min / Max	°CDB	-20 / 52	-20 / 52	-20 / 52
Operating Range (Heating)	Min / Max	°CWB	-21 / 18	-20 / 24	-20 / 24
Air Flow Rate (Cooling)	High	m <sup>3</sup> /sec	0.918	0.918	0.918

Meets ETL criteria	●	●	●
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Indoor Unit Trade Price	£228.00	£354.00	£360.00
Condensing Unit Trade Price	£982.00	£1,198.00	£1,312.00
<b>Total System Price</b>	<b>£1,210.00</b>	<b>£1,552.00</b>	<b>£1,672.00</b>

Notes & Features:

- All fan coils are supplied with infrared remote controller ARC466A67 (7-day schedule timer)
- All fan coils have auto restart after power failure
- Wired controller, KLIC-DI and RTD-RA options cannot be combined
- Night set mode
- Air purification using Flash Streamer technology
- Presence sensor and 2-area intelligent eye
- 5 fan speeds can be selected; from high to super low
- Heat boost function to reach set point quicker during start-up



FTXM-R / RXM-R

# Wall Mounted – Standard Inverter



RXM42-60R



Accessories:

Accessory Ref	Description	Trade Price
EKRS21	Wire harness for S21 port for all marked (*) options	£9.00
BRC073*	Wired remote control - connection cable required	£103.00
BRCW901A03	3m extension cord required for wired remote controller BRC073	£17.00
BRCW901A08	8m extension cord required for wired remote controller BRC073	£26.00
K.CGM	Condensing unit guard (1150 x 1150 x 650)	£388.00
K.CGS	Condensing unit guard (750 x 1050 x 460)	£280.00
K.CWB90-2	Wall bracket (90kg, 500mm support arm)	£44.00
K.DT1	Condensate drip tray for use with K.CWB90-2	£68.00
KLIC-DDV3*	KNX interface for Split type systems	£214.00
KRP413A15*	Adaptor PCB for remote on/off control - constant/pulse contact	£96.00
KRP928A25*	Adaptor PCB for interface to Daikin centralised control systems	£172.00
RTD-RA*	Adaptor PCB for Modbus connection and/or extended system functions	£198.00

Indoor Units			FTXM20R	FTXM25R	FTXM35R	FTXM42R	FTXM50R	FTXM60R	FTXM71R
Capacity	UK Total Cooling	kW	1.95	2.44	3.32	4.11	4.89	5.86	6.94
	UK Sensible Cooling	kW	1.95	1.73	2.31	2.74	3.55	3.84	4.57
	Nominal Cooling	kW	2.0	2.5	3.4	4.2	5.0	6.0	7.1
	Nominal Heating	kW	2.5	2.8	4.0	5.4	5.8	7.0	8.2
	Energy Label		A+++	A+++	A+++	A++	A++	A++	A++
Seasonal Efficiency (EN14825) COOLING	Pdesign	kW	2.0	2.5	3.4	4.2	5.0	6.0	7.1
	SEER		8.65	8.65	8.65	7.85	7.41	6.90	6.2
	Annual Energy Consumption	kWh	81	101	137	187	236	304	401
Seasonal Efficiency (EN14825) HEATING	Energy Label		A+++	A+++	A+++	A++	A++	A+	A+
	Pdesign	kW	2.3	2.4	2.5	4.0	4.6	4.8	6.2
	SCOP		5.10	5.10	5.10	4.71	4.71	4.30	4.10
Annual Energy Consumption	kWh	631	659	686	1189	1368	1562	2117	
Air Flow Rate (Cooling)	High / Med / Low / Silent	m <sup>3</sup> /sec	0.175 / 0.125 / 0.095 / 0.072	0.175 / 0.127 / 0.095 / 0.068	0.188 / 0.130 / 0.100 / 0.070	0.198 / 0.150 / 0.108 / 0.072	0.263 / 0.233 / 0.190 / 0.138	0.278 / 0.233 / 0.197 / 0.152	0.282 / 0.250 / 0.203 / 0.167
Dimensions	Height	mm	295	295	295	295	299	299	299
	Width	mm	778	778	778	778	998	998	998
	Depth	mm	272	272	272	272	292	292	292
Weight		kg	10	10	10	10	14.5	14.5	14.5
Sound Pressure (Cooling)	High / Med / Low / Silent	dB(A)	41 / 33 / 25 / 19	41 / 33 / 25 / 19	45 / 33 / 29 / 19	45 / 39 / 30 / 21	44 / 40 / 36 / 27	46 / 42 / 37 / 30	47 / 43 / 38 / 32
Sound Pressure (Heating)	High / Med / Low / Silent	dB(A)	39 / 34 / 26 / 20	39 / 34 / 27 / 20	39 / 35 / 28 / 20	45 / 39 / 29 / 21	43 / 39 / 34 / 31	45 / 41 / 36 / 33	46 / 42 / 37 / 34
Sound Power (Cooling)		dB(A)	57	57	58	60	58	60	60

Outdoor Units			RXM20R9	RXM25R9	RXM35R9	RXM42R	RXM50R	RXM60R	RXM71R
Dimensions	Height x Width x Depth	mm	550 x 765 x 285	550 x 765 x 285	550 x 765 x 285	734 x 870 x 373	734 x 870 x 373	734 x 870 x 373	734 x 954 x 401
Weight		kg	32	32	32	49	49	49	55
Electrical Details	Power Supply		1ph	1ph	1ph	1ph	1ph	1ph	1ph
	Maximum Input Current (MCA)	A	8.93	9.71	9.76	10.36	14.54	15.09	19.78
	Max Fuse Size	A	10	16	16	16	16	16	20
Interconnection Wiring	Core / Cable size		3+E / 1.5	3+E / 1.5	3+E / 1.5	3+E / 1.5	3+E / 1.5	3+E / 1.5	3+E / 1.5
Piping Connections	Liquid / Gas	inches (mm)	1/4 (6.4) / 3/8 (9.5)	1/4 (6.4) / 3/8 (9.5)	1/4 (6.4) / 3/8 (9.5)	1/4 (6.4) / 3/8 (9.5)	1/4 (6.4) / 1/2 (12.7)	1/4 (6.4) / 1/2 (12.7)	1/4 (6.4) / 5/8 (15.9)
Pipework	Maximum Length	m	20	20	20	30	30	30	30
	Maximum Vertical Rise	m	15	15	15	20	20	20	20
	Precharged to	m	10	10	10	10	10	10	10
	Additional Charge	g/m	20	20	20	20	20	20	20
	Holding Charge	kg	0.76	0.76	0.76	1.10	1.15	1.15	1.15
Sound Pressure (Cooling)	Nominal	dB(A)	46	46	49	48	48	48	47
Sound Pressure (Heating)	Nominal	dB(A)	47	47	49	48	49	49	48
Sound Power (Cooling)		dB(A)	59	58	61	62	62	63	66
Operating Range (Cooling)	Min / Max	°CDB	-10 / 50	-10 / 50	-10 / 50	-10 / 50	-10 / 50	-10 / 50	-10 / 46
Operating Range (Heating)	Min / Max	°CWB	-21 / 18	-21 / 18	-21 / 18	-21 / 18	-21 / 18	-21 / 18	-15 / 18
Air Flow Rate (Cooling)	Nominal	m <sup>3</sup> /sec	0.600	0.472	0.600	0.777	0.777	0.777	0.817

Meets ETL criteria	●	●	●	●	●	●	●	●
<b>Indoor Unit Trade Price</b>	<b>£186.00</b>	<b>£200.00</b>	<b>£228.00</b>	<b>£256.00</b>	<b>£354.00</b>	<b>£360.00</b>	<b>£480.00</b>	
<b>Condensing Unit Trade Price</b>	<b>£526.00</b>	<b>£571.00</b>	<b>£664.00</b>	<b>£749.00</b>	<b>£833.00</b>	<b>£887.00</b>	<b>£1,216.00</b>	
<b>Total System Price</b>	<b>£712.00</b>	<b>£771.00</b>	<b>£892.00</b>	<b>£1,005.00</b>	<b>£1,187.00</b>	<b>£1,247.00</b>	<b>£1,696.00</b>	

Notes & Features:

- › All fan coils are supplied with infrared remote controller ARC466A67 (7-day schedule timer)
- › All fan coils have auto restart after power failure
- › Wired controller, KLIC-DI and RTD-RA options cannot be combined
- › Night set mode
- › Air purification using Flash Streamer technology
- › Presence sensor and 2-area intelligent eye
- › 5 fan speeds can be selected; from high to super low
- › Heat boost function to reach set point quicker during start-up
- › Can be connected with R410A Mini VRV using BPMK boxes
- › RXM20-35R9 can reduce the sound power by a further 6 dB(A)

FTXP-M / RXP-M

# Wall Mounted – Low Inverter



RXP20-35M



WI-FI ADAPTOR

AVAILABLE AS AN OPTION

### Accessories:

Accessory Ref	Description	Trade Price
BRC073	Wired remote control - connection cable required	£103.00
BRP069B45	Wi-Fi adapter for use with Daikin ONECTA App	£63.00
BRCW901A03	3m extension cord required for wired remote controller BRC073	£17.00
BRCW901A08	8m extension cord required for wired remote controller BRC073	£26.00
K.CWB90-2	Wall bracket (90kg, 500mm support arm)	£44.00
K.DT1	Condensate drip tray for use with Split ODU - tray width 800mm	£68.00
K.CGS	Condensing unit guard (750 x 1050 x 460)	£280.00
K.CGM	Condensing unit guard (1150 x 1150 x 650)	£388.00
KLIC-DDV3	KNX interface for Split type systems	£214.00
KRP413A15	Adaptor PCB for remote on/off control - constant/pulse contact	£96.00
KRP928A25	Adaptor PCB for interface to Daikin centralised control systems	£172.00
RTD-RA	Adaptor PCB for Modbus connection and/or extended system functions	£198.00

Indoor Units			FTXP20M9	FTXP25M9	FTXP35M9	FTXP50M	FTXP60M	FTXP71M
Capacity	UK Total Cooling	kW	1.95	2.44	3.42	4.89	5.86	6.93
	UK Sensible Cooling	kW	1.69	1.94	2.49	3.42	4.00	4.73
	Nominal Cooling	kW	2.0	2.5	3.5	5.0	6.0	7.1
	Nominal Heating	kW	2.5	3.0	4.0	6.0	7.0	8.2
Seasonal Efficiency (EN14825) COOLING	Energy Label		A++	A++	A++	A++	A++	A++
	Pdesign	kW	2.0	2.5	3.5	5.0	6.0	7.1
	SEER		6.79	6.92	6.62	7.30	6.82	6.20
	Annual Energy Consumption kWh		103	126	186	240	308	401
Seasonal Efficiency (EN14825) HEATING	Energy Label		A++	A++	A++	A+	A+	A+
	Pdesign	kW	2.2	2.4	2.8	4.6	4.8	6.2
	SCOP		4.65	4.61	4.64	4.40	4.10	4.01
	Annual Energy Consumption kWh		662	728	845	1463	1638	2166
Air Flow Rate (Cooling)	High / Med / Low / Silent	m³/sec	0.158 / 0.123 / 0.093 / 0.070	0.162 / 0.128 / 0.097 / 0.070	0.192 / 0.138 / 0.105 / 0.075	0.272 / 0.233 / 0.192 / 0.138	0.280 / 0.240 / 0.197 / 0.153	0.280 / 0.240 / 0.197 / 0.168
Dimensions	Height	mm	286	286	286	295	295	295
	Width	mm	770	770	770	990	990	990
	Depth	mm	225	225	225	263	263	263
Weight		kg	8.5	8.5	9	13.5	13.5	13.5
RAL Colour			RAL 9002	RAL 9002	RAL 9002	RAL 9002	RAL 9002	RAL 9002
Sound Pressure (Cooling)	High / Med / Low / Silent	dBa	39 / 33 / 25 / 19	40 / 33 / 26 / 19	43 / 34 / 27 / 20	43 / 39 / 34 / 27	45 / 41 / 36 / 30	46 / 42 / 37 / 32
Sound Pressure (Heating)	High / Med / Low / Silent	dBa	39 / 34 / 28 / 21	40 / 34 / 28 / 21	40 / 35 / 29 / 21	42 / 38 / 33 / 30	44 / 40 / 35 / 32	45 / 41 / 36 / 33
Sound Power (Cooling)		dBa	55	55	58	59	60	62

Outdoor Units			RXP20M	RXP25M	RXP35M	RXP50M	RXP60M	RXP71M
Dimensions	Height x Width x Depth	mm	550 X 658 X 275	550 X 658 X 275	550 X 658 X 275	734 x 870 x 373	734 x 870 x 373	734 x 870 x 373
Weight		kg	26	26	28	46	50	50
Electrical Details	Power Supply		1ph	1ph	1ph	1ph	1ph	1ph
	Maximum Input Current (MCA)	A	10.40	10.40	10.40	14.50	15.70	15.70
	Max Fuse Size	A	16	16	16	16	16	16
Interconnection Wiring	Core / Cable Size		3+E / 1.5	3+E / 1.5	3+E / 1.5	3+E / 1.5	3+E / 1.5	3+E / 1.5
Piping Connections	Liquid / Gas	inches (mm)	1/4 (6.4) / 3/8 (9.5)	1/4 (6.4) / 3/8 (9.5)	1/4 (6.4) / 3/8 (9.5)	1/4 (6.4) / 1/2 (12.7)	1/4 (6.4) / 1/2 (12.7)	1/4 (6.4) / 1/2 (12.7)
Pipework	Maximum Length	m	15	15	15	30	30	30
	Maximum Vertical Rise	m	12	12	12	20	20	20
	Precharged to	m	10	10	10	10	10	10
	Additional charge	g/m	20	20	20	20	20	20
	Holding charge	kg	0.55	0.55	0.70	0.90	1.15	1.15
Sound Pressure (Cooling)	Nominal	dBa	46	46	48	47	49	52
Sound Pressure (Heating)	Nominal	dBa	47	47	48	49	49	52
Sound Power (Cooling)		dBa	60	60	62	61	63	66
Operating Range (Cooling)	Min / Max	°CDB	-10 / 46	-10 / 46	-10 / 46	-10 / 46	-10 / 46	-10 / 46
Operating Range (Heating)	Min / Max	°CWB	-15 / 18	-15 / 18	-15 / 18	-15 / 18	-15 / 18	-15 / 18
Air Flow Rate (Cooling)	Nominal	m³/sec	0.460	0.460	0.470	0.683	0.758	0.758

Meets ETL criteria	●	●	●	●		
<b>Indoor Unit Trade Price</b>	<b>£140.00</b>	<b>£157.00</b>	<b>£177.00</b>	<b>£288.00</b>	<b>£294.00</b>	<b>£391.00</b>
<b>Condensing Unit Trade Price</b>	<b>£419.00</b>	<b>£447.00</b>	<b>£519.00</b>	<b>£676.00</b>	<b>£720.00</b>	<b>£1,035.00</b>
<b>Total System Price</b>	<b>£559.00</b>	<b>£604.00</b>	<b>£696.00</b>	<b>£964.00</b>	<b>£1,014.00</b>	<b>£1,426.00</b>

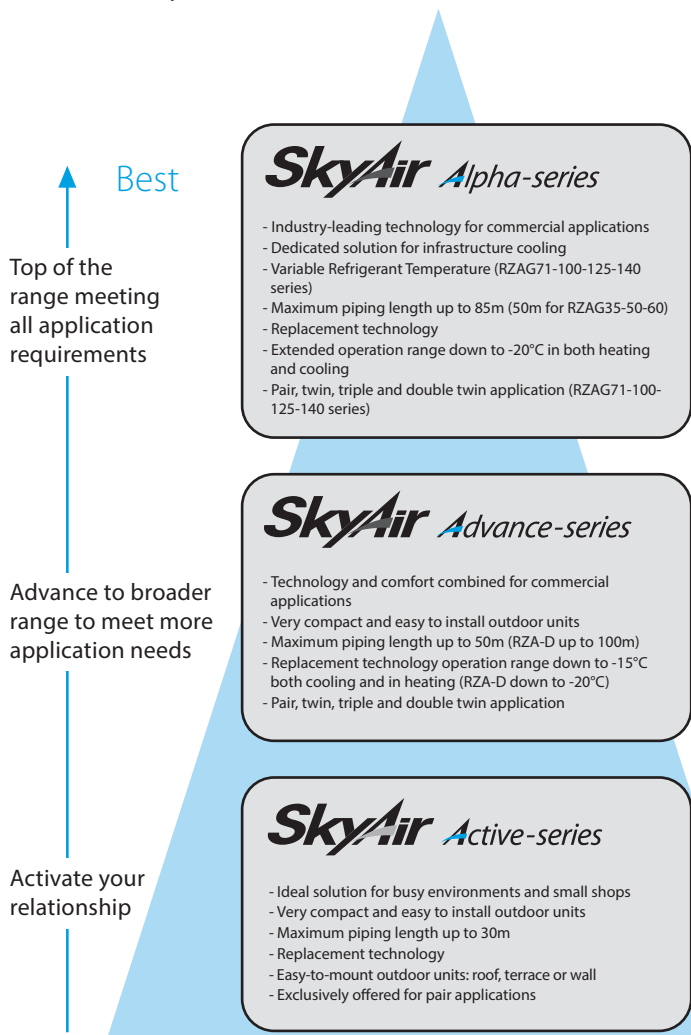
### Notes & Features:

- All fan coils are supplied with infrared remote controller ARC480A53
- Whisper-quiet in operation down to 19 dBA
- The unit's compact dimensions make it ideal for renovation projects, especially for above door installation
- Space-saving contemporary wall-mounted design

# SkyAir A-series

Specifications to suit your individual needs

- Price
- Performance
- Efficiency

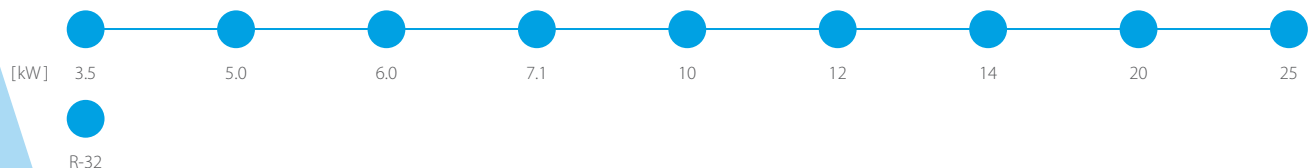


The Sky Air A-Series is a reflection of the connection between the outdoor unit and the customer.

The Active Series activates the relationship. The outdoor unit is rapidly effective and efficient, offering excellent value for money. **(Price)**

The Advance Series helps meet a set of broader application needs by offering more features and benefits. **(Performance)**

The Alpha Series is for those wanting to get ahead and take full advantage of all the technical benefits in order to meet all application requirements. **(Efficiency)**



# 7

reasons why Sky Air is unique in the market

**1** The full Sky Air R-32 range delivers future-proofed, best-in-class climate control

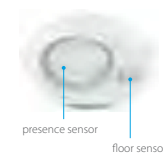
**2** High energy efficiency

- > **Top seasonal efficiency**
  - > SEER up to 8.02 and A++ label in cooling and heating
  - > Variable Refrigerant Temperature that automatically adapts the refrigerant temperature to the load
- > Round flow and concealed ceiling units with **auto cleaning filter**



**3** Best comfort

- > **Variable Refrigerant Temperature** preventing cold draughts
- > **Low sound** indoor and outdoor units
- > **Presence and floor sensors** direct the air flow away from occupants, while ensuring an even temperature distribution
- > Operation down to **-20°C in heating and cooling**
- > Fresh air intake integrated in indoor unit



**4** Top reliability

- > For **infrastructure cooling**
  - > unique boosted capacity indoor unit systems
  - > duty rotation control
- > **Refrigerant cooled PCB**
- > New refrigerant passes keeping heat exchanger and drain holes completely open at all times
- > **Extensive testing** before new units leave the factory
- > **Wide support network** and after-sales service
- > All spare parts available in Europe



**5** Market leading controls

- > **Remote connectivity**
  - > **Intuitive app** control
  - > **Daikin Cloud Service** offering online control, energy monitoring and comparison of multiple sites
- > **User-friendly wired remote controller with premium design**
  - > Intuitive touch button control
  - > Three colour versions
  - > Advanced settings can be easily operated via your smartphone
- > **Dedicated control solutions**
  - > for retail applications
  - > for infrastructure cooling

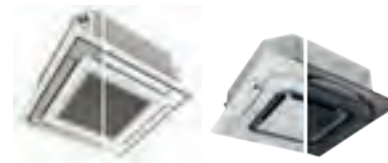


intelligent Controller

Madoka

**6** Superior aesthetics

- > **Fully flat cassette** design unit that fits flush into the ceiling
- > **Auto-cleaning** units ensure dirt-free ceilings with high-efficiency filters for regular and dust prone areas
- > Widest ever range of cassette panels
- > Available in **white and black**
- > Sleek **designer panel** range



**7** Unique installation benefits

- > **Four-way blow ceiling suspended cassette (FUA)** for rooms without false ceilings.
- > Plug & Play Daikin air handling unit with ERQ condensing units
- > Total solution for cooling, heating, air curtains and ventilation
- > Dedicated asymmetric combinations for infrastructure cooling
- > Reliably replace Daikin and non-Daikin systems without the need for pipe cleaning thanks to the new hepta filtration
- > Use up to four indoor units linked to one outdoor unit for long or irregularly shaped rooms



## Full indoor line up

(over 45 different models)



	Wall Mounted	Ceiling Suspended	Under Ceiling Cassette	Fully Flat	Roundflow Cassette	High COP Cassette	Slim Duct	Ducted	High Static Duct	Floor Standing
Alpha	✓ (RZAG-N only)	✓	✓ (RZAG-N only)	✓	✓	✓ (RZAG-N only)	✓	✓	✓ (RZAG-N only)	✓ (RZAG-N only)
Advance	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Active	✓				✓			✓		



FAA-B / RZAG-N

# Wall Mounted – Alpha



Madoka BRC1H52W



onecta

WI-FI ADAPTOR

AVAILABLE AS AN OPTION

RZAG71-140N

### Accessories:

Accessory Ref	Description	Trade Price
BRP069C81	Wi-Fi adapter for use with Daikin ONECTA App	£95.00
BRC1H52W	Wired touch screen remote controller - White (Included as standard)	£105.00
BRC1H52S	Wired touch screen remote controller - Silver	£110.00
BRC1H52K	Wired touch screen remote controller - Black	£114.00
BRC7EA631	Wireless remote controller for class 71	£157.00
BRC7EA632	Wireless remote controller for class 100	£157.00
K.CGM	Condensing unit guard (1150 x 1150 x 650)	£388.00
K.CWBXL	Wall bracket (250kg, 660mm support arm)	£88.00
K.DT2	Condensate drip tray for use with K.CWBXL	£75.00
K.RSS	Wireless room mounted temperature sensor and receiver	£116.00
KLIC-DI	KNX Interface for Sky Air and VRV systems	£243.00
KRCS01-4	Remote room mounted temperature sensor	£51.00
KRP4A53 and UK.FB2	Unit/group adaptor PCB for remote on/off, status indication and temperature setting	£117.00
RS-SE	Service and configuration tool for K.RSS	£120.00
RTD-10 and UK.FB2	Enhanced function PCB for Sky Air and VRV. Duty rotation, Lead Lag control and heating interlock	£305.00
RTD-20 and UK.FB2	Energy control PCB for Sky Air and VRV	£327.00
RTD-NET and UK.FB2	Modbus interface PCB for Sky Air and VRV	£245.00

Indoor Units			Single Phase		3 Phase	
			FAA71B	FAA100B	FAA71B	FAA100B
Capacity	UK Total Cooling	kW	7.76	10.85	7.76	10.85
	UK Sensible Cooling	kW	5.32	7.44	5.32	7.44
	Nominal Cooling	kW	6.8	9.5	6.8	9.5
	Nominal Heating	kW	7.5	10.8	7.5	10.8
Seasonal Efficiency (EN14825) COOLING	Energy Label		A++	A++	A++	A++
	Pdesign	kW	6.8	9.5	6.8	9.5
	SEER		6.58	6.42	6.58	6.42
	Annual Energy Consumption	kWh	362	518	362	518
Seasonal Efficiency (EN14825) HEATING	Energy Label		A+	A+	A+	A+
	Pdesign	kW	4.7	7.8	4.7	7.8
	SCOP		4.2	4.01	4.2	4.01
	Annual Energy Consumption	kWh	1567	2723	1567	2723
Air Flow Rate (Cooling)	High / Med / Low	m³/sec	0.270 / 0.223 / 0.202	0.383 / 0.352 / 0.312	0.270 / 0.223 / 0.202	0.383 / 0.352 / 0.312
Dimensions	Height	mm	290	340	290	340
	Width	mm	1050	1200	1050	1200
	Depth	mm	269	262	269	262
Weight		kg	14	18	14	18
Sound Pressure (Cooling)	High / Med / Low	dB(A)	45 / 42 / 40	49 / 45 / 41	45 / 42 / 40	49 / 45 / 41
Sound Pressure (Heating)	High / Med / Low	dB(A)	45 / 42 / 40	49 / 45 / 41	45 / 42 / 40	49 / 45 / 41
Sound Power (Cooling)		dB(A)	61	65	61	65

Outdoor Units			RZAG71NV1	RZAG100NV1	RZAG71NY1	RZAG100NY1
Dimensions	Height x Width x Depth	mm	870 x 1100 x 460	870 x 1100 x 460	870 x 1100 x 460	870 x 1100 x 460
Weight		kg	81	85	81	85
Electrical Details	Power Supply		1ph	1ph	3ph	3ph
	Maximum Input Current (MCA)	A	17.5	21.3	10.9	14.0
	Max Fuse Size	A	20	32	16	16
Interconnection Wiring	Core / Cable Size		3+E / 1.5	3+E / 1.5	3+E / 1.5	3+E / 1.5
Piping Connections	Liquid / Gas	inches (mm)	3/8 (9.5) / 5/8 (15.9)	3/8 (9.5) / 5/8 (15.9)	3/8 (9.5) / 5/8 (15.9)	3/8 (9.5) / 5/8 (15.9)
Pipework	Maximum Length	m	55	85	55	85
	Maximum Vertical Rise	m	30	30	30	30
	Precharged to	m	40	40	40	40
	Additional charge	g/m	35	35	35	35
	Holding charge	kg	3.2	3.2	3.2	3.2
Sound Pressure (Cooling)	Nom / Night Quiet	dB(A)	46 / 44	47 / 45	46 / 44	47 / 45
Sound Pressure (Heating)	Nom / Night Quiet	dB(A)	48 / 44	50 / 45	48 / 44	50 / 45
Sound Power (Cooling)		dB(A)	64	66	64	66
Operating Range (Cooling)	Min / Max	°CDB	-20 / 52	-20 / 52	-20 / 52	-20 / 52
Operating Range (Heating)	Min / Max	°CWB	-20 / 18	-20 / 18	-20 / 18	-20 / 18
Air Flow Rate (Cooling)	Nominal	m³/sec	1.133	1.117	1.133	1.117

Indoor Unit Trade Price (Includes: BRC1H52W)	£981.00	£1,059.00	£981.00	£1,059.00
Condensing Unit Trade Price	£1,551.00	£1,969.00	£1,599.00	£2,060.00
<b>Total System Price</b>	<b>£2,532.00</b>	<b>£3,028.00</b>	<b>£2,580.00</b>	<b>£3,119.00</b>

For Comms Rooms & Duty Rotation see page 72 - 73

### Notes & Features:

- > 3 fan speeds
- > Automatic airflow volume control based on difference between set and room temperature
- > Dry programme: reduces humidity in the room
- > Comms, computer and server room cooling with EDP settings (Alpha only)

FAA-B / RZASG-M

# Wall Mounted – Advance



Indoor Units			Single Phase		3 Phase
			FAA71B	FAA100B	FAA100B
Capacity	UK Total Cooling	kW	7.28	10.8	10.8
	UK Sensible Cooling	kW	4.99	7.44	7.44
	Nominal Cooling	kW	6.8	9.5	9.5
	Nominal Heating	kW	7.5	10.8	10.8
Seasonal Efficiency (EN14825) COOLING	Energy Label		A++	A+	A+
	Pdesign	kW	6.8	9.5	9.5
	SEER		6.41	5.83	5.83
	Annual Energy Consumption	kWh	371	570	570
Seasonal Efficiency (EN14825) HEATING	Energy Label		A	A	A
	Pdesign	kW	4.5	6.0	6.0
	SCOP		3.9	3.85	3.85
	Annual Energy Consumption	kWh	1615	2182	2182
Air Flow Rate (Cooling)	High / Med / Low	m <sup>3</sup> /sec	0.270 / 0.223 / 0.202	0.383 / 0.352 / 0.312	0.383 / 0.352 / 0.312
Dimensions	Height	mm	290	340	340
	Width	mm	1050	1200	1200
	Depth	mm	269	262	262
Weight		kg	14	18	18
Sound Pressure (Cooling)	High / Med / Low	dBA	45 / 42 / 40	49 / 45 / 41	49 / 45 / 41
Sound Pressure (Heating)	High / Med / Low	dBA	45 / 42 / 40	49 / 45 / 41	49 / 45 / 41
Sound Power (Cooling)		dBA	61	65	65

Outdoor Units			RZASG71MV1	RZASG100MV1	RZASG100MY1
Dimensions	Height x Width x Depth	mm	770 x 900 x 320	990 x 940 x 320	990 x 940 x 320
Weight		kg	60	70	70
Electrical Details	Power Supply		1ph	1ph	3ph
	Maximum Input Current (MCA)	A	17.4	18.6	15.2
	Max Fuse Size	A	20	25	16
Interconnection Wiring	Core / Cable Size		3+E / 1.5	3+E / 1.5	3+E / 1.5
Piping Connections	Liquid / Gas	inches (mm)	3/8 (9.5) / 5/8 (15.9)	3/8 (9.5) / 5/8 (15.9)	3/8 (9.5) / 5/8 (15.9)
Pipework	Maximum Length	m	50	50	50
	Maximum Vertical Rise	m	30	30	30
	Precharged to	m	30	30	30
	Additional charge	g/m	35	35	35
	Holding charge	kg	2.45	2.60	2.60
Sound Pressure (Cooling)	Nom / Night Quiet	dBA	46 / 42	53 / 44	53 / 44
Sound Pressure (Heating)	Nom / Night Quiet	dBA	47 / 42	57 / 44	57 / 44
Sound Power (Cooling)		dBA	65	70	70
Operating Range (Cooling)	Min / Max	°CDB	-15 / 46	-15 / 46	-15 / 46
Operating Range (Heating)	Min / Max	°CWB	-15 / 15.5	-15 / 15.5	-15 / 15.5
Air Flow Rate (Cooling)	Nominal	m <sup>3</sup> /sec	0.933	1.150	1.150

<b>Indoor Unit Trade Price (Includes: BRC1H52W)</b>	<b>£981.00</b>	<b>£1,059.00</b>	<b>£1,059.00</b>
<b>Condensing Unit Trade Price</b>	<b>£1,069.00</b>	<b>£1,478.00</b>	<b>£1,524.00</b>
<b>Total System Price</b>	<b>£2,050.00</b>	<b>£2,537.00</b>	<b>£2,583.00</b>



RZASG71M

RZASG100M

Madoka BRC1H52W

WI-FI CONTROL VIA APP

DAIKIN onecta

**WI-FI ADAPTOR**  
 AVAILABLE AS AN OPTION



**R-32** BLUEEVOLUTION  
*SkyAir Active-series*

FAA-B / AZAS-M/R

# Wall Mounted – Active



Accessories:

Accessory Ref	Description	Trade Price
BRP069C81	Wi-Fi adapter for use with Daikin ONECTA App	<b>£95.00</b>
BRC1H52W	Wired touch screen remote controller - White (Included as standard)	<b>£105.00</b>
BRC1H52S	Wired touch screen remote controller - Silver	<b>£110.00</b>
BRC1H52K	Wired touch screen remote controller - Black	<b>£114.00</b>
BRC7EA631	Wireless remote controller for class 71	<b>£157.00</b>
BRC7EA632	Wireless remote controller for class 100	<b>£157.00</b>
K.CGL	Condensing unit guard (1450 x 1150 x 650)	<b>£463.00</b>
K.CGM	Condensing unit guard (1150 x 1150 x 650)	<b>£388.00</b>
K.CWB140-2	Wall bracket (140kg, 540mm support arm)	<b>£58.00</b>
K.CWB90-2	Wall bracket (90kg, 500mm support arm)	<b>£44.00</b>
K.DT1	Condensate drip tray for use with K.CWB90-2	<b>£68.00</b>
K.DT2	Condensate drip tray for use with K.CWB140-2	<b>£75.00</b>
K.RSS	Wireless room mounted temperature sensor and receiver	<b>£116.00</b>
KLIC-DI	KNX Interface for Sky Air and VRV systems	<b>£243.00</b>
KRCS01-4	Remote room mounted temperature sensor	<b>£51.00</b>
KRP4A53 and UK.FB2	Unit/group adaptor PCB for remote on/off, status indication and temperature setting	<b>£117.00</b>
RS-SE	Service and configuration tool for K.RSS	<b>£120.00</b>
RTD-10 and UK.FB2	Enhanced function PCB for Sky Air and VRV. Duty rotation, Lead Lag control and heating interlock	<b>£305.00</b>
RTD-20 and UK.FB2	Energy control PCB for Sky Air and VRV	<b>£327.00</b>
RTD-NET and UK.FB2	Modbus interface PCB for Sky Air and VRV	<b>£245.00</b>

Indoor Units	Single Phase			3 Phase
		FAA71B	FAA100B	FAA100B
Capacity	UK Total Cooling	kW	6.65	10.80
	UK Sensible Cooling	kW	4.15	7.44
	Nominal Cooling	kW	6.8	9.5
	Nominal Heating	kW	7.5	10.8
Seasonal Efficiency (EN14825) COOLING	Energy Label		A+	A
	Pdesign	kW	6.8	9.5
	SEER		5.77	5.25
	Annual Energy Consumption	kWh	412	633
Seasonal Efficiency (EN14825) HEATING	Energy Label		A	A
	Pdesign	kW	4.5	6.0
	SCOP		3.81	3.81
	Annual Energy Consumption	kWh	1652	2205
Air Flow Rate (Cooling)	High / Med / Low	m³/sec	0.270 / 0.223 / 0.202	0.383 / 0.352 / 0.312
Dimensions	Height	mm	290	340
	Width	mm	1050	1200
	Depth	mm	269	262
Weight		kg	14	18
Sound Pressure (Cooling)	High / Med / Low	dBA	45 / 42 / 40	49 / 45 / 41
Sound Pressure (Heating)	High / Med / Low	dBA	45 / 42 / 40	49 / 45 / 41
Sound Power (Cooling)		dBA	61	65

Outdoor Units		ARXM71R	AZAS100MV1	AZAS100MY1
Dimensions	Height x Width x Depth	mm	734 x 954 x 401	990 x 940 x 320
Weight		kg	49	70
Electrical Details	Power Supply		1ph	3ph
	Maximum Input Current (MCA)	A	14.93	21.2
	Max Fuse Size	A	16	25
Interconnection Wiring	Core / Cable Size		3+E / 1.5	3+E / 1.5
Piping Connections	Liquid / Gas	inches (mm)	3/8 (9.5) / 5/8 (15.9)	3/8 (9.5) / 5/8 (15.9)
Pipework	Maximum Length	m	30	30
	Maximum Vertical Rise	m	20	30
	Precharged to	m	10	30
	Additional charge	g/m	0.35	N/A
	Holding charge	kg	1.15	2.60
Sound Pressure (Cooling)	Nom / Night Quiet	dBA	52	53 / 44
Sound Pressure (Heating)	Nom / Night Quiet	dBA	52	57 / 44
Sound Power (Cooling)		dBA	65	70
Operating Range (Cooling)	Min / Max	°CDB	-10/46	-5 / 46
Operating Range (Heating)	Min / Max	°CWB	-15/18	-15 / 15.5
Air Flow Rate (Cooling)	Nominal	m³/sec	0.776	1.150

Indoor Unit Trade Price (Includes: BRC1H52W)	£981.00	£1,059.00	£1,059.00
Condensing Unit Trade Price	£930.00	£1,144.00	£1,207.00
<b>Total System Price</b>	<b>£1,911.00</b>	<b>£2,203.00</b>	<b>£2,266.00</b>



ARXM71R

AZAS100M

Madoka BRC1H52W

WI-FI CONTROL VIA APP

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**WI-FI ADAPTOR**

**AVAILABLE AS AN OPTION**

FHA-A9 / RXM-R

# Ceiling Suspended – Standard Inverter



Accessories:

Accessory Ref	Description	Trade Price
BRP069C81	Wi-Fi adapter for use with Daikin ONECTA App	<b>£95.00</b>
BRC1H52W	Wired touch screen remote controller - White (Included as standard)	<b>£105.00</b>
BRC1H52S	Wired touch screen remote controller - Silver	<b>£110.00</b>
BRC1H52K	Wired touch screen remote controller - Black	<b>£114.00</b>
BRC7GA53-9	Wireless remote controller	<b>£200.00</b>
EKRORO4	Remote on/off control interface kit	<b>£35.00</b>
K.CGM	Condensing unit guard (1150 x 1150 x 650)	<b>£388.00</b>
K.CGS	Condensing unit guard (750 x 1050 x 460)	<b>£280.00</b>
K.CWB90-2	Wall bracket (90kg, 500mm support arm)	<b>£44.00</b>
K.DT1	Condensate drip tray for use with K.CWB90-2	<b>£68.00</b>
K.RSS	Wireless room mounted temperature sensor and receiver	<b>£116.00</b>
KDDQ50A140	Fresh air intake kit for up to 20% fresh air	<b>£208.00</b>
KLIC-DI	KNX Interface for Sky Air and VRV systems	<b>£243.00</b>
KRCS01-4	Remote room mounted temperature sensor	<b>£51.00</b>
KRP4A53 and UK.FB2	Unit/group adaptor PCB for remote on/off, status indication and temperature setting	<b>£117.00</b>
RS-SE	Service and configuration tool for K.RSS	<b>£120.00</b>
RTD-10 and UK.FB2	Enhanced function PCB for Sky Air and VRV. Duty rotation, Lead Lag control and heating interlock	<b>£305.00</b>
RTD-20 and UK.FB2	Energy control PCB for Sky Air and VRV	<b>£327.00</b>
RTD-NET and UK.FB2	Modbus interface PCB for Sky Air and VRV	<b>£245.00</b>
KAFP501A56	Long life filter for 35 class & 50 class	<b>£98.00</b>
KAFP501A80	Long life filter for 60 class	<b>£151.00</b>

Indoor Units			FHA35A9	FHA50A9	FHA60A9
Capacity	UK Total Cooling	kW	3.32	4.89	5.57
	UK Sensible Cooling	kW	2.71	3.48	4.13
	Nominal Cooling	kW	3.4	5.0	5.7
	Nominal Heating	kW	4.0	6.0	7.2
Seasonal Efficiency (EN14825) COOLING	Energy Label		A++	A+	A+
	Pdesign	kW	3.4	5.0	5.7
	SEER		6.24	5.92	6.08
	Annual Energy Consumption	kWh	191	295	328
Seasonal Efficiency (EN14825) HEATING	Energy Label		A+	A	A
	Pdesign	kW	3.10	4.35	4.71
	SCOP		4.43	3.86	3.87
	Annual Energy Consumption	kWh	979	1578	1704
Air Flow Rate (Cooling)	High / Med / Low	m³/sec	0.233 / 0.191 / 0.167	0.250 / 0.200 / 0.167	0.325 / 0.250 / 0.191
Dimensions	Height	mm	235	235	235
	Width	mm	960	960	1270
	Depth	mm	690	690	690
Weight		kg	24	25	31
Sound Pressure (Cooling)	High / Med / Low	dBA	36 / 34 / 31	37 / 35 / 32	37 / 35 / 33
Sound Pressure (Heating)	High / Med / Low	dBA	36 / 34 / 31	37 / 35 / 32	37 / 35 / 33
Sound Power (Cooling)		dBA	53	54	54

Outdoor Units			RXM35R9	RXM50R	RXM60R
Dimensions	Height x Width x Depth	mm	550 x 765 x 285	734 x 870 x 373	734 x 870 x 373
Weight		kg	32	49	49
Electrical Details	Power Supply		1ph	1ph	1ph
	Maximum Input Current (MCA)	A	11.29	14.54	15.09
	Max Fuse Size	A	13	16	16
Interconnection Wiring	Core / Cable Size		3+E / 1.5	3+E / 1.5	3+E / 1.5
Piping Connections	Liquid / Gas	inches (mm)	1/4 (6.4) / 3/8 (9.5)	1/4 (6.4) / 1/2 (12.7)	1/4 (6.4) / 1/2 (12.7)
Pipework	Maximum Length	m	20	30	30
	Maximum Vertical Rise	m	15	20	20
	Precharged to	m	10	10	10
	Additional charge	g/m	20	20	20
	Holding charge	kg	0.76	1.15	1.15
	Sound Pressure (Cooling)	Nominal	dBA	49	48
Sound Pressure (Heating)	Nominal	dBA	49	49	49
Sound Power (Cooling)		dBA	61	62	63
Operating Range (Cooling)	Min / Max	°CDB	-10 / 46	-10 / 46	-10 / 46
Operating Range (Heating)	Min / Max	°CWB	-15 / 18	-15 / 18	-15 / 18
Air Flow Rate (Cooling)	Nominal	m³/sec	0.600	0.777	0.777

<b>Indoor Unit Trade Price (Includes: BRC1H52W)</b>	<b>£873.00</b>	<b>£946.00</b>	<b>£1,037.00</b>
<b>Condensing Unit Trade Price</b>	<b>£664.00</b>	<b>£833.00</b>	<b>£887.00</b>
<b>Total System Price</b>	<b>£1,537.00</b>	<b>£1,779.00</b>	<b>£1,924.00</b>

Notes & Features:

- > Suitable for ceiling heights of up to 3.8m without loss of capacity
- > Vertical auto swing function



RXM50-60R

Madoka BRC1H52W

WI-FI CONTROL VIA APP

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**WI-FI ADAPTOR**

**AVAILABLE AS AN OPTION**



FHA-A9 / RZAG-A

# Ceiling Suspended – Mini Sky Air



**50m**  
PIPE RUN

### Accessories:

Accessory Ref	Description	Trade Price
BRP069C81	Wi-Fi adapter for use with Daikin ONECTA App	£95.00
BRC1H52W	Wired touch screen remote controller - White (Included as standard)	£105.00
BRC1H52S	Wired touch screen remote controller - Silver	£110.00
BRC1H52K	Wired touch screen remote controller - Black	£114.00
BRC7GA53-9	Wireless remote controller	£200.00
EKROR04	Remote on/off control interface kit	£35.00
K.CGM	Condensing unit guard (1150 x 1150 x 650)	£388.00
K.CWB90-2	Wall bracket (90kg, 500mm support arm)	£44.00
K.DT1	Condensate drip tray for use with K.CWB90-2	£68.00
K.RSS	Wireless room mounted temperature sensor and receiver	£116.00
KDDQ50A140	Fresh air intake kit for up to 20% fresh air	£208.00
KLIC-DI	KNX Interface for Sky Air and VRV systems	£243.00
KRCS01-4	Remote room mounted temperature sensor	£51.00
KRP4A53 and UK.FB2	Unit/group adaptor PCB for remote on/off, status indication and temperature setting	£117.00
RS-SE	Service and configuration tool for K.RSS	£120.00
RTD-10 and UK.FB2	Enhanced function PCB for Sky Air and VRV. Duty rotation, Lead Lag control and heating interlock	£305.00
RTD-20 and UK.FB2	Energy control PCB for Sky Air and VRV	£327.00
RTD-NET and UK.FB2	Modbus interface PCB for Sky Air and VRV	£245.00
KAFPS01A56	Long life filter for 35 class & 50 class	£98.00
KAFPS01A80	Long life filter for 60 class	£151.00

Indoor Units			FHA35A9	FHA50A9	FHA60A9
Capacity	UK Total Cooling	kW	3.42	4.89	5.86
	UK Sensible Cooling	kW	2.77	3.49	4.26
	Nominal Cooling	kW	3.5	5.0	6.0
	Nominal Heating	kW	4.0	5.8	7.0
	Energy Label		A++	A++	A++
Seasonal Efficiency (EN14825) COOLING	Pdesign	kW	3.5	5.0	6.0
	SEER		6.40	6.80	6.60
Seasonal Efficiency (EN14825) HEATING	Energy Label		A+	A+	A+
	Pdesign	kW	3.10	4.00	4.60
SCOP		4.10	4.30	4.20	
Air Flow Rate (Cooling)	High / Med / Low	m <sup>3</sup> /sec	0.233 / 0.191 / 0.167	0.250 / 0.200 / 0.167	0.325 / 0.250 / 0.191
Dimensions	Height	mm	235	235	235
	Width	mm	960	960	1270
	Depth	mm	690	690	690
	Weight	kg	24	25	31
Sound Pressure (Cooling)	High / Med / Low	dBA	36 / 34 / 31	37 / 35 / 32	37 / 35 / 33
Sound Pressure (Heating)	High / Med / Low	dBA	36 / 34 / 31	37 / 35 / 32	37 / 35 / 33
Sound Power (Cooling)		dBA	53	54	54

Outdoor Units			RZAG35A	RZAG50A	RZAG60A
Dimensions	Height x Width x Depth	mm	734 x 870 x 373	734 x 870 x 373	734 x 870 x 373
Weight		kg	52	52	52
Electrical Details	Power Supply		1ph	1ph	1ph
	Maximum Input Current (MCA) A		14.83	14.83	16.70
	Max Fuse Size	A	16	16	20
Interconnection Wiring	Core / Cable Size		3+E / 1.5	3+E / 1.5	3+E / 1.5
Piping Connections	Liquid / Gas	inches (mm)	1/4 (6.4) / 3/8 (9.5)	1/4 (6.4) / 1/2 (12.7)	1/4 (6.4) / 1/2 (12.7)
Pipework	Maximum Length	m	50	50	50
	Maximum Vertical Rise	m	30	30	30
	Precharged to	m	30	30	30
	Additional charge	g/m	20	20	20
	Holding charge	kg	1.55	1.55	1.55
Sound Pressure (Cooling)	Nominal	dBA	48	49	50
Sound Pressure (Heating)	Nominal	dBA	48	49	50
Sound Power (Cooling)		dBA	62	63	64
Operating Range (Cooling)	Min / Max	°CDB	-20 / 52	-20 / 52	-20 / 52
Operating Range (Heating)	Min / Max	°CWB	-21 / 18	-21 / 18	-21 / 18
Air Flow Rate (Cooling)	Nominal	m <sup>3</sup> /sec	0.918	0.918	0.918
Meets ETL criteria			●	●	●

<b>Indoor Unit Trade Price (Includes: BRC1H52W)</b>	<b>£873.00</b>	<b>£946.00</b>	<b>£1,037.00</b>
<b>Condensing Unit Trade Price</b>	<b>£982.00</b>	<b>£1,198.00</b>	<b>£1,312.00</b>
<b>Total System Price</b>	<b>£1,855.00</b>	<b>£2,144.00</b>	<b>£2,349.00</b>



RZAG35-60A

Madoka BRC1H52W

WI-FI CONTROL VIA APP

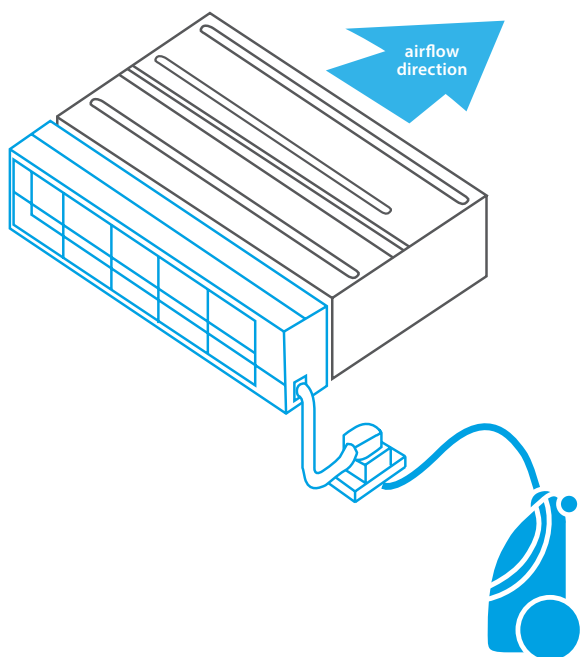
DAIKIN

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**WI-FI ADAPTOR**

AVAILABLE AS AN OPTION

# Auto-Cleaning Accessory for Ducted Units



With the new Auto-Cleaning Accessory for Ducted Units, all the filters in your system will be constantly kept clean and at their best. There's no need for manual cleaning. The dust box can be emptied once a month using a standard Hoover, thanks to the flexible suction port.



With no more clogged units due to excessive dust formation, your customers will enjoy a smoother system operation with reduced maintenance and running costs. By keeping the filter constantly clean, we can guarantee maximum efficiency over the lifetime of the system, avoiding sudden failures that could result in unexpected maintenance and business costs.

## Compatibility

The Auto-Cleaning Accessory is compatible with the current range. The FXDQ-A and P will require a software update. The FDXM-F will require a PCB change. These updates can be carried out by a Daikin engineer. Please contact your Sales Representative or local Sales Office to have more information about this process.

Material	Description	List Price	Notes	
999485P	Write wire harness	£40.00	One-time purchase for VRV Indoor Upgrade	Alternatively, customer could request FQS to complete the upgrade for the daily flat rate of £585 + the cost of the BAE20WH or 5019331 (depending on the unit serviced)
999486P	Read wire harness	£41.00		
999495P	D-checker	£321.00		
BAE20WH	Wire Adaptor for FXDQ A/P only	£16.00	1 adaptor per FCU	
5019331	Indoor Unit PCB for FDXM-F	£127.00	1 PCB per FCU	
BAEVACEP	Adapter reduction for standard vacuum cleaner	£14.00		

## Technical details

Auto-Cleaning Duct	Trade Price	Split / Sky Air		VRV																Specification			
		FDXM-F9				FXDQ-A3						FXDA-A						Height (mm)	Width (mm)	Depth (mm)			
		25	35	50	60	15	20	25	32	40	50	63	10	15	20	25	32				40	50	63
BAE20A62	£447.00	•	•			•	•	•	•				•	•	•	•	•				212	764	201
BAE20A82	£481.00									•	•							•	•			964	
BAE20A102	£511.00			•	•							•								•		1164	



FDXM-F9 / RZAG-A

# Slim Ducted – Mini Sky Air



**50m**  
PIPE RUN

### Accessories:

Accessory Ref	Description	Trade Price
BRP069C81	Wi-Fi adapter for use with Daikin ONECTA App	<b>£95.00</b>
BRC1H52W	Wired touch screen remote controller - White (Included as standard)	<b>£105.00</b>
BRC1H52S	Wired touch screen remote controller - Silver	<b>£110.00</b>
BRC1H52K	Wired touch screen remote controller - Black	<b>£114.00</b>
BRC4C65	Wireless remote controller	<b>£200.00</b>
K.CGM	Condensing unit guard (1150 x 1150 x 650)	<b>£388.00</b>
K.CWB90-2	Wall bracket (90kg, 500mm support arm)	<b>£44.00</b>
K.DT1	Condensate drip tray for use with K.CWB90-2	<b>£68.00</b>
K.RSS	Wireless room mounted temperature sensor and receiver	<b>£116.00</b>
KLIC-DI	KNX Interface for Sky Air and VRV systems	<b>£243.00</b>
KRCS01-4	Remote room mounted temperature sensor	<b>£51.00</b>
KRP4A53 and UK.FB2	Unit/group adaptor PCB for remote on/off, status indication and temperature setting	<b>£117.00</b>
RS-SE	Service and configuration tool for K.RSS	<b>£120.00</b>
RTD-10 and UK.FB2	Enhanced function PCB for Sky Air and VRV. Duty rotation, Lead Lag control and heating interlock	<b>£305.00</b>
RTD-20 and UK.FB2	Energy control PCB for Sky Air and VRV	<b>£327.00</b>
RTD-NET and UK.FB2	Modbus interface PCB for Sky Air and VRV	<b>£245.00</b>
UK.RAC5	Return Air Plenum for FDXM25/35F9	<b>£93.00</b>
UK.RAC7	Return Air Plenum for FDXM50F9 and FDXM60F9	<b>£119.00</b>
UK.SAF5	Supply Air Plenum for FDXM25/35F9	<b>£83.00</b>
UK.SAF7	Supply Air Plenum for FDXM50F9 and FDXM60F9	<b>£104.00</b>

Indoor Units			FDXM35F9	FDXM50F9	FDXM60F9
Capacity	UK Total Cooling	kW	3.42	4.89	5.86
	UK Sensible Cooling	kW	2.31	3.59	4.11
	Nominal Cooling	kW	3.5	5.0	6.0
	Nominal Heating	kW	4.0	5.0	7.0
Seasonal Efficiency (EN14825) COOLING	Energy Label		A+	A+	A+
	Pdesign	kW	3.5	5.0	6.0
Annual Energy Consumption kWh	SEER		5.90	5.90	5.70
	Annual Energy Consumption kWh		208	296	368
	Energy Label		A	A	A
Seasonal Efficiency (EN14825) HEATING	Pdesign	kW	3.5	4.3	4.5
	SCOP		3.90	3.90	3.90
Annual Energy Consumption kWh		1255	1544	1616	
Air Flow Rate (Cooling)	High / Med / Low	m <sup>3</sup> /sec	0.145 / 0.133 / 0.122	0.263 / 0.243 / 0.222	0.267 / 0.247 / 0.225
External Static Pressure	Nominal	Pa	30	40	40
Dimensions	Height	mm	200	200	200
	Width	mm	750	1150	1150
	Depth	mm	620	620	620
Weight		kg	21	28	28
Sound Pressure (Cooling)	High / Med / Low	dBA	35 / 33 / 27	38 / 35 / 30	38 / 35 / 30
Sound Pressure (Heating)	High / Med / Low	dBA	35 / 33 / 27	38 / 35 / 30	38 / 35 / 30
Sound Power (Cooling)		dBA	53	55	56

Outdoor Units			RZAG35A	RZAG50A	RZAG60A
Dimensions	Height x Width x Depth	mm	734 x 870 x 373	734 x 870 x 373	734 x 870 x 373
Weight		kg	52	52	52
Electrical Details	Power Supply		1ph	1ph	1ph
	Maximum Input Current (MCA) A		14.53	15.23	17.10
	Max Fuse Size	A	16	16	20
Interconnection Wiring	Core / Cable Size		3+E / 1.5	3+E / 1.5	3+E / 1.5
Piping Connections	Liquid / Gas	inches (mm)	1/4 (6.4) / 3/8 (9.5)	1/4 (6.4) / 1/2 (12.7)	1/4 (6.4) / 1/2 (12.7)
Pipework	Maximum Length	m	50	50	50
	Maximum Vertical Rise	m	30	30	30
	Precharged to	m	30	30	30
	Additional charge	g/m	20	20	20
	Holding charge	kg	1.55	1.55	1.55
	Sound Pressure (Cooling)	Nominal	dBA	48	49
Sound Pressure (Heating)	Nominal	dBA	48	49	50
Sound Power (Cooling)		dBA	62	63	64
Operating Range (Cooling)	Min / Max	°CDB	-20 / 52	-20 / 52	-20 / 52
Operating Range (Heating)	Min / Max	°CWB	-21 / 18	-21 / 18	-21 / 18
Air Flow Rate (Cooling)	Nominal	m <sup>3</sup> /sec	0.918	0.918	0.918

Indoor Unit Trade Price (Includes: BRC1H52W)	£582.00	£630.00	£690.00
Condensing Unit Trade Price	£982.00	£1,198.00	£1,312.00
<b>Total System Price</b>	<b>£1,564.00</b>	<b>£1,828.00</b>	<b>£2,002.00</b>

### Notes & Features:

- › All fan coils supplied as standard with air filter
- › The chassis with a height of 200mm makes the FDXM-F9 ideal for a ceiling void of 240mm



RZAG35-60A

Madoka BRC1H52W

WI-FI CONTROL VIA APP

DAIKIN

onecta

**WI-FI ADAPTOR**

**AVAILABLE AS AN OPTION**



FDXM-F9 / RXM-R

# Slim Ducted - Standard Inverter



Accessories:

Accessory Ref	Description	Trade Price
BRP069C81	Wi-Fi adapter for use with Daikin ONECTA App	<b>£95.00</b>
BRC1H52W	Wired touch screen remote controller - White (Included as standard)	<b>£105.00</b>
BRC1H52S	Wired touch screen remote controller - Silver	<b>£110.00</b>
BRC1H52K	Wired touch screen remote controller - Black	<b>£114.00</b>
BRC4C65	Wireless remote controller	<b>£200.00</b>
K.CGM	Condensing unit guard (1150 x 1150 x 650)	<b>£388.00</b>
K.CGS	Condensing unit guard (750 x 1050 x 460)	<b>£280.00</b>
K.CWB90-2	Wall bracket (90kg, 500mm support arm)	<b>£44.00</b>
K.DT1	Condensate drip tray for use with K.CWB90-2	<b>£68.00</b>
K.RSS	Wireless room mounted temperature sensor and receiver	<b>£116.00</b>
KLIC-DI	KNX Interface for Sky Air and VRV systems	<b>£243.00</b>
KRC501-4	Remote room mounted temperature sensor	<b>£51.00</b>
KRP4A53 and UK.FB2	Unit/group adaptor PCB for remote on/off, status indication and temperature setting	<b>£117.00</b>
RS-SE	Service and configuration tool for K.RSS	<b>£120.00</b>
RTD-10 and UK.FB2	Enhanced function PCB for Sky Air and VRV. Duty rotation, Lead Lag control and heating interlock	<b>£305.00</b>
RTD-20 and UK.FB2	Energy control PCB for Sky Air and VRV	<b>£327.00</b>
RTD-NET and UK.FB2	Modbus interface PCB for Sky Air and VRV	<b>£245.00</b>
UK.RAC5	Return Air Plenum for FDXM25/35F9	<b>£93.00</b>
UK.RAC7	Return Air Plenum for FDXM50F9 and FDXM60F9	<b>£119.00</b>
UK.SAF5	Supply Air Plenum for FDXM25/35F9	<b>£83.00</b>
UK.SAF7	Supply Air Plenum for FDXM50F9 and FDXM60F9	<b>£104.00</b>

Indoor Units			FDXM25F9	FDXM35F9	FDXM50F9	FDXM60F9
Capacity	UK Total Cooling	kW	2.35	3.32	4.89	5.86
	UK Sensible Cooling	kW	1.81	2.26	3.33	4.11
	Nominal Cooling	kW	2.4	3.4	5.0	6.0
	Nominal Heating	kW	3.2	4.0	5.8	7.0
Seasonal Efficiency (EN14825) COOLING	Energy Label		A+	A	A+	A
	Pdesign	kW	2.4	3.4	5.0	6.0
	SEER		5.68	5.26	5.77	5.56
	Annual Energy Consumption	kWh	148	226	303	378
Seasonal Efficiency (EN14825) HEATING	Energy Label		A+	A	A	A
	Pdesign	kW	2.6	2.9	4.0	4.6
	SCOP		4.24	3.88	3.93	3.80
	Annual Energy Consumption	kWh	858	1046	1424	1693
Air Flow Rate (Cooling)	High / Med / Low	m³/sec	0.145 / 0.133 / 0.122	0.145 / 0.133 / 0.122	0.263 / 0.243 / 0.222	0.267 / 0.247 / 0.225
External Static Pressure	Nominal	Pa	30	30	40	40
Dimensions	Height	mm	200	200	200	200
	Width	mm	750	750	1150	1150
	Depth	mm	620	620	620	620
Weight		kg	21	21	28	28
Sound Pressure (Cooling)	High / Med / Low	dBA	35 / 33 / 27	35 / 33 / 27	38 / 35 / 30	38 / 35 / 30
Sound Pressure (Heating)	High / Med / Low	dBA	35 / 33 / 27	35 / 33 / 27	38 / 35 / 30	38 / 35 / 30
Sound Power (Cooling)		dBA	53	53	55	56

Outdoor Units			RXM25R9	RXM35R9	RXM50R	RXM60R
Dimensions	Height x Width x Depth	mm	550 x 765 x 285	550 x 765 x 285	734 x 870 x 373	734 x 870 x 373
Weight		kg	32	32	49	49
Electrical Details	Power Supply	1ph	1ph	1ph	1ph	1ph
	Maximum Input Current (MCA)	A	10.92	10.92	14.87	15.42
	Max Fuse Size	A	13	13	16	16
Interconnection Wiring	Core / Cable Size		3+E / 1.5	3+E / 1.5	3+E / 1.5	3+E / 1.5
Piping Connections	Liquid / Gas	inches (mm)	1/4 (6.4) / 3/8 (9.5)	1/4 (6.4) / 3/8 (9.5)	1/4 (6.4) / 1/2 (12.7)	1/4 (6.4) / 1/2 (12.7)
Pipework	Maximum Length	m	20	20	30	30
	Maximum Vertical Rise	m	15	15	20	20
	Precharged to	m	10	10	10	10
	Additional charge	g/m	20	20	20	20
	Holding charge	kg	0.76	0.76	1.15	1.15
	Sound Pressure (Cooling)	Nominal	dBA	46	49	48
Sound Pressure (Heating)	Nominal	dBA	47	49	49	49
Sound Power (Cooling)		dBA	58	61	62	63
Operating Range (Cooling)	Min / Max	°CDB	-10 / 50	-10 / 50	-10 / 50	-10 / 50
Operating Range (Heating)	Min / Max	°CWB	-15 / 18	-15 / 18	-15 / 18	-15 / 18
Air Flow Rate (Cooling)	Nominal	m³/sec	0.472	0.600	0.777	0.777

Indoor Unit Trade Price (Includes: BRC1H52W)	£522.00	£582.00	£630.00	£690.00
Condensing Unit Trade Price	£571.00	£664.00	£833.00	£887.00
<b>Total System Price</b>	<b>£1,093.00</b>	<b>£1,246.00</b>	<b>£1,463.00</b>	<b>£1,577.00</b>

Notes & Features:

- > All fan coils supplied as standard with air filter



RXM42-60R

Madoka BRC1H52W

WI-FI CONTROL VIA APP

DAIKIN

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**WI-FI ADAPTOR**

AVAILABLE AS AN OPTION





FBA-A9 / RZAG-A

# Ducted – Mini Sky Air



50m  
PIPE RUN

### Accessories:

Accessory Ref	Description	Trade Price
BRP069C81	Wi-Fi adapter for use with Daikin ONECTA App	£95.00
BRC1H52W	Wired touch screen remote controller - White (Included as standard)	£105.00
BRC1H52S	Wired touch screen remote controller - Silver	£110.00
BRC1H52K	Wired touch screen remote controller - Black	£114.00
BRC4C65	Wireless remote controller	£200.00
K.CGM	Condensing unit guard (1150 x 1150 x 650)	£388.00
K.CWB90-2	Wall bracket (90kg, 500mm support arm)	£44.00
K.DT1	Condensate drip tray for use with K.CWB90-2	£68.00
K.RSS	Wireless room mounted temperature sensor and receiver	£116.00
KLIC-DI	KNX Interface for Sky Air and VRV systems	£243.00
KRCS01-4	Remote room mounted temperature sensor	£51.00
KRP4A53 and UK.FB2	Unit/group adaptor PCB for remote on/off, status indication and temperature setting	£117.00
RS-SE	Service and configuration tool for K.RSS	£120.00
RTD-10 and UK.FB2	Enhanced function PCB for Sky Air and VRV. Duty rotation, Lead Lag control and heating interlock	£305.00
RTD-20 and UK.FB2	Energy control PCB for Sky Air and VRV	£327.00
RTD-NET and UK.FB2	Modbus interface PCB for Sky Air and VRV	£245.00
UK.RC2	Return chamber - FBA35-50 - 2X200mm Spg	£96.00
UK.RC3	Return chamber - FBA60-71 - 2X200mm Spg	£106.00
UK.RC3A	Return chamber - FBA60-71 - 3X200mm Spg	£115.00
UK.SF2	Supply flange - FBA35-50 - 2x200 Spg	£88.00
UK.SF3	Supply flange - FBA60-71 - 2x200 Spg	£96.00
UK.SF3A	Supply flange - FBA60-71 - 3x200 Spg	£103.00

Indoor Units			FBA35A9	FBA50A9	FBA60A9
Capacity	UK Total Cooling	kW	3.42	4.89	5.86
	UK Sensible Cooling	kW	2.96	3.57	4.23
	Nominal Cooling	kW	3.5	5.0	6.0
	Nominal Heating	kW	4.0	6.0	7.0
Seasonal Efficiency (EN14825) COOLING	Energy Label		A++	A+	A++
	Pdesign	kW	3.5	5.0	6.0
	SEER		6.12	6.30	6.15
Seasonal Efficiency (EN14825) HEATING	Annual Energy Consumption kWh		200	278	341
	Energy Label		A+	A+	A+
	Pdesign	kW	4.2	4.3	4.5
SCOP	Annual Energy Consumption kWh		4.10	4.10	4.10
	SEER		6.12	6.30	6.15
	Annual Energy Consumption kWh		1434	1469	1537
Air Flow Rate (Cooling)	High / Med / Low	m³/sec	0.250 / 0.208 / 0.175	0.250 / 0.208 / 0.175	0.300 / 0.250 / 0.208
External Static Pressure	High / Nom	Pa	150/30	150/30	150/30
Dimensions	Height	mm	245	245	245
	Width	mm	700	700	1000
	Depth	mm	800	800	800
Weight		kg	28	28	35
Sound Pressure (Cooling)	High / Med / Low	dBA	35 / 32 / 29	35 / 32 / 29	30 / 28 / 25
Sound Pressure (Heating)	High / Med / Low	dBA	37 / 34 / 29	37 / 34 / 29	31 / 28 / 25
Sound Power (Cooling)		dBA	60	60	56

Outdoor Units			RZAG35A	RZAG50A	RZAG60A
Dimensions	Height x Width x Depth	mm	734 x 870 x 373	734 x 870 x 373	734 x 870 x 373
Weight		kg	52	52	52
Electrical Details	Power Supply		1ph	1ph	1ph
	Maximum Input Current (MCA) A		15.63	15.63	17.40
	Max Fuse Size	A	16	16	20
Interconnection Wiring	Core / Cable Size		3+E / 1.5	3+E / 1.5	3+E / 1.5
Piping Connections	Liquid / Gas	inches (mm)	1/4 (6.4) / 3/8 (9.5)	1/4 (6.4) / 1/2 (12.7)	1/4 (6.4) / 1/2 (12.7)
Pipework	Maximum Length	m	50	50	50
	Maximum Vertical Rise	m	30	30	30
	Precharged to	m	30	30	30
	Additional charge	g/m	20	20	20
	Holding charge	kg	1.55	1.55	1.55
Sound Pressure (Cooling)	Nominal	dBA	48	49	50
Sound Pressure (Heating)	Nominal	dBA	48	49	50
Sound Power (Cooling)		dBA	62	63	64
Operating Range (Cooling)	Min / Max	°CDB	-20 / 52	-20 / 52	-20 / 52
Operating Range (Heating)	Min / Max	°CWB	-21 / 18	-21 / 18	-21 / 18
Air Flow Rate (Cooling)	Nominal	m³/sec	0.918	0.918	0.918

Indoor Unit Trade Price (Includes: BRC1H52W)	£677.00	£713.00	£787.00
Condensing Unit Trade Price	£982.00	£1,198.00	£1,312.00
<b>Total System Price</b>	<b>£1,659.00</b>	<b>£1,911.00</b>	<b>£2,099.00</b>

### Notes & Features:

- All fan coils supplied as standard with air filter
- FBA35A9 fan coil requires a separate 1ph power supply. Please refer to the installation manual



RZAG35-60A

Madoka BRC1H52W

WI-FI CONTROL VIA APP

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**WI-FI ADAPTOR**

**AVAILABLE AS AN OPTION**

FBA-A9 / RXM-R

# Ducted – Standard Inverter



### Accessories:

Accessory Ref	Description	Trade Price
BRP069C81	Wi-Fi adapter for use with Daikin ONECTA App	<b>£95.00</b>
BRC1H52W	Wired touch screen remote controller - White (Included as standard)	<b>£105.00</b>
BRC1H52S	Wired touch screen remote controller - Silver	<b>£110.00</b>
BRC1H52K	Wired touch screen remote controller - Black	<b>£114.00</b>
BRC4C65	Wireless remote controller	<b>£200.00</b>
K.CGM	Condensing unit guard (1150 x 1150 x 650)	<b>£388.00</b>
K.CWB90-2	Wall bracket (90kg, 500mm support arm)	<b>£44.00</b>
K.DT1	Condensate drip tray for use with K.CWB90-2	<b>£68.00</b>
K.RSS	Wireless room mounted temperature sensor and receiver	<b>£116.00</b>
KLIC-DI	KNX Interface for Sky Air and VRV systems	<b>£243.00</b>
KRCS01-4	Remote room mounted temperature sensor	<b>£51.00</b>
KRP4A53 and UK.FB2	Unit/group adaptor PCB for remote on/off, status indication and temperature setting	<b>£117.00</b>
RS-SE	Service and configuration tool for K.RSS	<b>£120.00</b>
RTD-10 and UK.FB2	Enhanced function PCB for Sky Air and VRV. Duty rotation, Lead Lag control and heating interlock	<b>£305.00</b>
RTD-20 and UK.FB2	Energy control PCB for Sky Air and VRV	<b>£327.00</b>
RTD-NET and UK.FB2	Modbus interface PCB for Sky Air and VRV	<b>£245.00</b>
UK.RC2	Return chamber - FBA35-50 - 2X200mm Spg	<b>£96.00</b>
UK.RC3	Return chamber - FBA60-71 - 2X200mm Spg	<b>£106.00</b>
UK.RC3A	Return chamber - FBA60-71 - 3X200mm Spg	<b>£115.00</b>
UK.SF2	Supply flange - FBA35-50 - 2x200 Spg	<b>£88.00</b>
UK.SF3	Supply flange - FBA60-71 - 2x200 Spg	<b>£96.00</b>
UK.SF3A	Supply flange - FBA60-71 - 3x200 Spg	<b>£103.00</b>

Indoor Units			FBA35A9	FBA50A9	FBA60A9
Capacity	UK Total Cooling	kW	3.42	4.89	5.57
	UK Sensible Cooling	kW	2.99	3.55	4.09
	Nominal Cooling	kW	3.5	5.0	5.7
	Nominal Heating	kW	4.0	5.5	7.0
Seasonal Efficiency (EN14825) COOLING	Energy Label		A++	A++	A+
	Pdesign	kW	3.4	5.0	5.7
	SEER		6.23	6.27	5.91
	Annual Energy Consumption	kWh	191	279	337
Seasonal Efficiency (EN14825) HEATING	Energy Label		A+	A+	A+
	Pdesign	kW	2.9	4.4	4.6
	SCOP		4.07	4.06	4.01
	Annual Energy Consumption	kWh	996	1517	1607
Air Flow Rate (Cooling)	High / Med / Low	m³/sec	0.250 / 0.208 / 0.175	0.250 / 0.208 / 0.175	0.300 / 0.250 / 0.208
External Static Pressure	High / Nom	Pa	150 / 30	150 / 30	150 / 30
Dimensions	Height	mm	245	245	245
	Width	mm	700	700	1000
	Depth	mm	800	800	800
Weight		kg	28	28	35
Sound Pressure (Cooling)	High / Med / Low	dBA	35 / 32 / 29	35 / 32 / 29	30 / 28 / 25
Sound Pressure (Heating)	High / Med / Low	dBA	37 / 34 / 29	37 / 34 / 29	31 / 28 / 25
Sound Power (Cooling)		dBA	60	60	56

Outdoor Units			RXM35R9	RXM50R	RXM60R
Dimensions	Height x Width x Depth	mm	550 x 765 x 285	734 x 870 x 373	734 x 870 x 373
Weight		kg	32	49	49
Electrical Details	Power Supply		1ph	1ph	1ph
	Maximum Input Current (MCA) A		12.29	15.42	15.86
	Max Fuse Size	A	13	16	16
Interconnection Wiring	Core / Cable Size		3+E / 1.5	3+E / 1.5	3+E / 1.5
Piping Connections	Liquid / Gas	inches (mm)	1/4 (6.4) / 3/8 (9.5)	1/4 (6.4) / 1/2 (12.7)	1/4 (6.4) / 1/2 (12.7)
Pipework	Maximum Length	m	20	30	30
	Maximum Vertical Rise	m	15	20	20
	Precharged to	m	10	10	10
	Additional charge	g/m	20	20	20
	Holding charge	kg	0.76	1.15	1.15
	Sound Pressure (Cooling)	Nominal	dBA	49	48
Sound Pressure (Heating)	Nominal	dBA	49	49	49
Sound Power (Cooling)		dBA	61	62	63
Operating Range (Cooling)	Min / Max	°CDB	-10 / 50	-10 / 50	-10 / 50
Operating Range (Heating)	Min / Max	°CWB	-15 / 18	-15 / 18	-15 / 18
Air Flow Rate (Cooling)	Nominal	m³/sec	0.600	0.777	0.777

Indoor Unit Trade Price (Includes: BRC1H52W)	£677.00	£713.00	£787.00
Condensing Unit Trade Price	£664.00	£833.00	£887.00
<b>Total System Price</b>	<b>£1,341.00</b>	<b>£1,546.00</b>	<b>£1,674.00</b>

### Notes & Features:

- › All fan coils supplied as standard with air filter
- › FBA35A9 fan coil requires a separate 1ph power supply. Please refer to the installation manual



RXM42-60R

Madoka BRC1H52W

**WI-FI ADAPTOR**

AVAILABLE AS AN OPTION

**R-32** BLUEEVOLUTION  
*SkyAir Advance-series*

FBA-A / RZASG-M

**Ducted – Advance**



Indoor Units			Single Phase				3 Phase		
			FBA71A9	FBA100A	FBA125A	FBA140A	FBA100A	FBA125A	FBA140A
Capacity	UK Total Cooling	kW	7.28	10.80	13.60	14.90	10.80	13.60	14.90
	UK Sensible Cooling	kW	4.99	7.44	9.30	10.25	7.44	9.30	10.25
	Nominal Cooling	kW	6.8	9.5	12.1	13.4	9.5	12.1	13.4
	Nominal Heating	kW	7.5	10.8	13.5	15.5	10.8	13.5	15.5
Seasonal Efficiency (EN14825) COOLING	Energy Label		A++	A+	-	-	A+	-	-
	Pdesign	kW	6.8	9.5	12.1	13.4	9.5	12.1	13.4
	SEER		6.19	5.83	5.49	5.81	5.83	5.27	5.81
	ηs,c	%	-	-	217	229	-	217	229
	Annual Energy Consumption	kWh	385	570	1322	1384	570	1378	1384
Seasonal Efficiency (EN14825) HEATING	Energy Label		A+	A	-	-	A	-	-
	Pdesign	kW	4.5	6.0	6.0	7.8	6.0	6.0	7.8
	SCOP		4.01	3.85	3.63	3.85	3.85	3.63	3.85
	ηs,h	%	-	-	142	151	-	142	151
	Annual Energy Consumption	kWh	1571	2182	2314	2836	2182	2314	2836
Air Flow Rate (Cooling)	High / Med / Low	m³/sec	0.300 / 0.250 / 0.208	0.483 / 0.433 / 0.383	0.567 / 0.483 / 0.392	0.567 / 0.483 / 0.392	0.483 / 0.433 / 0.383	0.567 / 0.483 / 0.392	0.567 / 0.483 / 0.392
External Static Pressure	High / Nom	Pa	150 / 30	150 / 40	150 / 50	150 / 50	150 / 40	150 / 50	150 / 50
Dimensions	Height	mm	245	245	245	245	245	245	245
	Width	mm	1000	1400	1400	1400	1400	1400	1400
	Depth	mm	800	800	800	800	800	800	800
Weight		kg	35	46	46	46	46	46	46
Sound Pressure (Cooling)	High / Med / Low	dB(A)	30 / 28 / 25	34 / 32 / 30	37 / 35 / 32	37 / 35 / 32	34 / 32 / 30	37 / 35 / 32	37 / 35 / 32
Sound Pressure (Heating)	High / Med / Low	dB(A)	31 / 28 / 25	36 / 33 / 30	38 / 35 / 32	38 / 35 / 32	36 / 33 / 30	38 / 35 / 32	38 / 35 / 32
Sound Power (Cooling)		dB(A)	56	58	62	62	58	62	62

Outdoor Units			RZASG71MV1	RZASG100MV1	RZASG125MV1	RZASG140MV1	RZASG100MY1	RZASG125MY1	RZASG140MY1
Dimensions	Height x Width x Depth	mm	770 x 900 x 320	990 x 940 x 320	990 x 940 x 320	990 x 940 x 320	990 x 940 x 320	990 x 940 x 320	990 x 940 x 320
Weight		kg	60	70	70	78	70	70	77
Electrical Details	Power Supply		1ph	1ph	1ph	1ph	3ph	3ph	3ph
	Maximum Input Current (MCA)	A	17.5	21.8	28.3	27.6	14.6	15.1	15.1
	Max Fuse Size	A	20	25	32	32	16	16	16
Interconnection Wiring	Core / Cable Size		3+E / 1.5	3+E / 1.5	3+E / 1.5	3+E / 1.5	3+E / 1.5	3+E / 1.5	3+E / 1.5
Piping Connections	Liquid / Gas	inches (mm)	3/8 (9.5) / 5/8 (15.9)	3/8 (9.5) / 5/8 (15.9)	3/8 (9.5) / 5/8 (15.9)	3/8 (9.5) / 5/8 (15.9)	3/8 (9.5) / 5/8 (15.9)	3/8 (9.5) / 5/8 (15.9)	3/8 (9.5) / 5/8 (15.9)
Pipework	Maximum Length	m	50	50	50	50	50	50	50
	Maximum Vertical Rise	m	30	30	30	30	30	30	30
	Precharged to	m	30	30	30	30	30	30	30
	Additional charge	g/m	35	35	35	35	35	35	35
	Holding charge	kg	2.45	2.60	2.60	2.90	2.60	2.60	2.90
Sound Pressure (Cooling)	Nom / Night Quiet	dB(A)	46 / 42	53 / 44	53 / 44	54 / 44	53 / 44	53 / 44	54 / 44
Sound Pressure (Heating)	Nom / Night Quiet	dB(A)	47 / 42	57 / 44	57 / 44	57 / 44	57 / 44	57 / 44	57 / 44
Sound Power (Cooling)		dB(A)	65	70	71	73	70	71	73
Operating Range (Cooling)	Min / Max	°CDB	-15 / 46	-15 / 46	-15 / 46	-15 / 46	-15 / 46	-15 / 46	-15 / 46
Operating Range (Heating)	Min / Max	°CWB	-15 / 15.5	-15 / 15.5	-15 / 15.5	-15 / 15.5	-15 / 15.5	-15 / 15.5	-15 / 15.5
Air Flow Rate (Cooling)	Nominal	m³/sec	0.933	1.150	1.183	1.267	1.150	1.183	1.267

<b>Indoor Unit Trade Price (Includes: BRC1H52W)</b>	<b>1,127.00</b>	<b>1,177.00</b>	<b>1,390.00</b>	<b>1,611.00</b>	<b>1,177.00</b>	<b>1,390.00</b>	<b>1,611.00</b>
<b>Condensing Unit Trade Price</b>	<b>1,069.00</b>	<b>1,478.00</b>	<b>1,620.00</b>	<b>1,803.00</b>	<b>1,524.00</b>	<b>1,670.00</b>	<b>1,859.00</b>
<b>Total System Price</b>	<b>2,196.00</b>	<b>2,655.00</b>	<b>3,010.00</b>	<b>3,414.00</b>	<b>2,701.00</b>	<b>3,060.00</b>	<b>3,470.00</b>

**Notes & Features:**

- > All fan coils supplied as standard with air filter
- > New chassis with height of 245mm makes the FBA-A one of the slimmest medium static units on the market



**WI-FI ADAPTOR AVAILABLE AS AN OPTION**

# Easyzone Air Cooling and Heating System

The Easyzone system offers a low installation cost and versatile way to control the temperature of multiple spaces from a single ducted fan coil as part of a Split, Sky Air or VRV system.

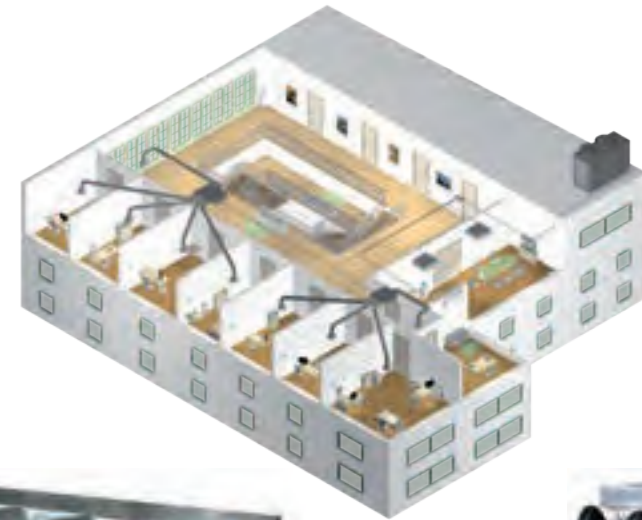
The system consists of an adaptor that fits onto the ducted fan coil, which has between two and eight round duct adaptors depending on how many rooms you want to supply. Each adaptor has its own motorised damper controlling the volume of conditioned air delivered to the space, enabling individual temperature control in each room.

Each room can have either a wireless standard (Think), simplified (Lite) controller or centralised (Blueface) controller, which is linked to the Easyzone adaptor kit. The system must have at least one centralised (Blueface) controller and a BRC1H\*.

Easyzone is available for the following fan coils:

Model	Class											
FXSQ-A	15	20	25	32	40	50	63	80	100	125	140	
FXDQ-A3		20	25	32	40	50	63					
FBA-A(9)				35		50	60	71	100	125	140	
FDXM-F9			25	35		50	60					

Easyzone kit Part Number	No of ducts	Duct size mm	Compatible models	Trade Price
AZEZ6DAIST07XS2	2	200	FXSQ15A FXSQ20A FXSQ25A FXSQ32A	£937.00
AZEZ6DAIST07XS3	3	200	FXSQ15A FXSQ20A FXSQ25A FXSQ32A	£1,009.00
AZEZ6DAIST07S2	2	200	FBA35A9 FBA50A9 FXSQ40A FXSQ50A	£937.00
AZEZ6DAIST07S3	3	200	FBA35A9 FBA50A9 FXSQ40A FXSQ50A	£1,009.00
AZEZ6DAIST07S4	4	200	FBA35A9 FBA50A9 FXSQ40A FXSQ50A	£1,077.00
AZEZ6DAIST07M4	4	200	FBA60A9 FBA71A9 FXSQ63A FXSQ80A	£1,077.00
AZEZ6DAIST07M5	5	200	FBA60A9 FBA71A9 FXSQ63A FXSQ80A	£1,202.00
AZEZ6DAIST07M6	6	200	FBA60A9 FBA71A9 FXSQ63A FXSQ80A	£1,375.00
AZEZ6DAIST07L5	5	200	FBA100A FBA125A FBA140A FXSQ100A FXSQ125A	£1,202.00
AZEZ6DAIST07L6	6	200	FBA100A FBA125A FBA140A FXSQ100A FXSQ125A	£1,375.00
AZEZ6DAIST07L7	7	200	FBA100A FBA125A FBA140A FXSQ100A FXSQ125A	£1,454.00
AZEZ6DAIST07L8	8	200	FBA100A FBA125A FBA140A FXSQ100A FXSQ125A	£1,532.00
AZEZ6DAIST07XL7	7	200	FXSQ140A	£1,454.00
AZEZ6DAIST07XL8	8	200	FXSQ140A	£1,532.00
AZEZ6DAISL01S2	2	150	FDXM25F9 FDXM35F9 FXDQ15A3 FXDQ20A3 FXDQ25A3 FXDQ32A3	£973.00
AZEZ6DAISL01S3	3	150	FDXM25F9 FDXM35F9 FXDQ15A3 FXDQ20A3 FXDQ25A3 FXDQ32A3	£1,047.00
AZEZ6DAISL01M4	4	150	FXDQ40A3 FXDQ50A3	£1,116.00
AZEZ6DAISL01L5	5	150	FDXM50F9 FDXM60F9 FXDQ63A3	£1,192.00



Small commercial example



Compact ceiling void for FXDQ-A3 and FDXM-F9



Standard ceiling void for FBA-A(9) and FXSQ-A



AZCE6BLUEFACECB



AZCE6THINKRB



AZCE6LITERB



BRC1H52W remote control







**Minimum requirements:** Daikin Ducted unit from the list above + associated Easyzone kit, 1xBRC1H\*, 1xAZCE6BLURFACECB Blueface controller and additional AZCE\* controllers per room as required.

**Note:** EasyZone is not compatible with VRV R32 ducted indoor units.


## Accessories for Easyzone system

Daikin offers a series of new accessories to increase the flexibility and speed of installation of the Easyzone multi-room air conditioning system.



### Zone room controllers

Model	Description	Trade Price
 <b>BRC1H52W</b>	Wired touch screen remote controller - White	£105.00
 <b>AZCE6BLUEFACECB</b>	Main room thermostat (at least 1 required)	£176.00
 <b>AZCE6THINKRB</b>	Additional wireless touch screen room thermostat (Think)	£201.00
 <b>AZCE6THINKCB</b>	Additional wired touch screen room thermostat (Think)	£184.00
 <b>AZCE6LITERB</b>	Additional wireless touch screen room thermostat (Lite)	£158.00
 <b>AZCE6LITECB</b>	Additional wired touch screen room thermostat (Lite)	£127.00

### Zone controlling cabling


Model	Description	Trade Price
 <b>AZX6CABLEBUS15</b>	15m of interconnecting cable for Easyzone thermostats	£14.00
<b>AZX6CABLEBUS100</b>	100m of interconnecting cable for Easyzone thermostats	£105.00

### Webserver cloud control

Model	Description	Trade Price
 <b>AZX6WSC5GER</b>	PCB mounted Webserver cloud ( wireless)	£236.00
 <b>AZX6WSPHUB</b>	Free standing Webserver cloud (wired)	£236.00


N.B. These interfaces cannot be combined with the BACNet or KNX gateways.

### BACNet gateway

Model	Description	Trade Price
 <b>AZX6WSPBAC</b>	BACNET gateway	£236.00

N.B. In addition to a AZX6BACNET per Easyzone unit, a DCM009A51 BACNet Client software is required per Intelligent Touch Manager  
This gateway cannot be combined with either Webserver cloud controller or the KNX gateway.

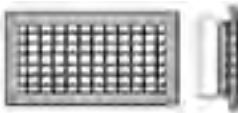

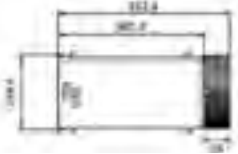
### KNX gateway

Model	Description	Trade Price
 <b>AZX6KNXGTWAY</b>	KNX gateway	£236.00

N.B. This interface cannot be combined with either Webserver cloud controller or the BACNet gateway



## Supply air diffusers and plenum

Model	Description	Trade Price
 <b>RDHV040015BKX</b>	Air diffuser - wall	£28.00
 <b>RLQV040015BKX</b>	Air diffuser - ceiling	£42.00
 <b>PREJ040015T</b>	Plenum for wall & ceiling diffuser	£92.00

## Air intake plenums

Designed to perfectly match the return air connection on the Daikin indoor unit, a range of air intake plenums is now available.

Each plenum is provided with a number of Ø250Emm\* spigots to ensure adequate airflow is available for correct unit operation.



Model	Description	Compatible FCU	Trade Price
<b>AZCEZDAPR07XS</b>	Standard unit return plenum – XS (1 spigot)	FXSQ15A, FXSQ20A, FXSQ25A, FXSQ32A	£105.00
<b>AZCEZDAPR07S</b>	Standard unit return plenum – S (1 spigot)	FBA35A, FBA50A, FXSQ40A, FXSQ50A	£105.00
<b>AZCEZDAPR07M</b>	Standard unit return plenum – M (2 spigots)	FBA60A, FBA71A, FXSQ63A, FXSQ80A	£120.00
<b>AZCEZDAPR07L</b>	Standard unit return plenum – L (4 spigots)	FBA100A, FBA125A, FBA140A, FXSQ100A, FXSQ125A	£154.00
<b>AZCEZDAPR07XL</b>	Standard unit return plenum - XL (4 spigots)	FXSQ140A	£172.00

N.B. The Ø250Emm connections are elliptical in shape but are equivalent to a Ø250mm circular connection.

## Return air diffuser c/w filter and plenum

Model	Description	Trade Price
 <b>RRFR050050BTX</b>	Air intake filter slot + filter <u>Fan coil units:</u> FBA35A, FBA50A, FXSQ15A, FXSQ20A, FXSQ25A, FXSQ32A, FXSQ40A, FXSQ50A (1 diffuser Required) <u>Fan coil units:</u> FBA60A, FBA71A, FXSQ63A, FXSQ80A (2 diffusers Required) <u>Fan coil units:</u> FBA100A, FBA125A, FBA140A, FXSQ100A, FXSQ125A, FXSQ140A (4 diffusers Required)	£154.00
 <b>BR500</b>	Air intake plenum for RRFR050050BTX	£208.00

N.B. The Ø250Emm connections are elliptical in shape but are equivalent to a Ø250mm circular connection.





FNA-A9 / RZAG-A

# Concealed Floor Standing – Mini Sky Air



50m  
PIPE RUN

## Accessories:

Accessory Ref	Description	Trade Price
BRP069C81	Wi-Fi adapter for use with Daikin ONECTA App	£95.00
BRC1H52W	Wired touch screen remote controller - White (Included as standard)	£105.00
BRC1H52S	Wired touch screen remote controller - Silver	£110.00
BRC1H52K	Wired touch screen remote controller - Black	£114.00
BRC2E52C	Wired simplified remote controller (without auto swing)	£120.00
BRC4C65	Wireless remote controller	£200.00
K.CGM	Condensing Unit Guard (1150 x 1150 x 650)	£388.00
K.CWB90-2	Wall bracket (90kg, 500mm support arm)	£44.00
K.DT1	Condensate drip tray for use with K.CWB90-2	£68.00
K.RSS	Wireless room mounted temperature sensor and receiver	£116.00
KLIC-DI	KNX Interface for Sky Air and VRV systems	£243.00
KRCS01-4	Remote room mounted temperature sensor	£51.00
KRP4A53 and UK.FB2	Unit/group adaptor PCB for remote on/off, status indication and temperature setting	£117.00
RS-SE	Service and configuration tool for K.RSS	£120.00
RTD-10 and UK.FB2	Enhanced function PCB for Sky Air and VRV. Duty rotation, Lead Lag control and heating interlock	£305.00
RTD-20 and UK.FB2	Energy control PCB for Sky Air and VRV	£327.00
RTD-NET and UK.FB2	Modbus interface PCB for Sky Air and VRV	£245.00

Indoor Units			FNA35A9	FNA50A9	FNA60A9
Capacity	UK Total Cooling	kW	3.42	4.89	5.86
	UK Sensible Cooling	kW	2.31	3.66	4.11
	Nominal Cooling	kW	3.5	5.0	6.0
	Nominal Heating	kW	4.0	5.0	7.0
Seasonal Efficiency (EN14825)	Energy Label		A+	A+	A+
	Pdesign	kW	3.5	5.0	6.0
COOLING	SEER		5.90	5.90	5.70
	Annual Energy Consumption kWh		208	297	368
	Energy Label		A	A	A
Seasonal Efficiency (EN14825)	Pdesign	kW	3.5	4.3	4.5
	SCOP		3.90	3.90	3.90
HEATING	Annual Energy Consumption kWh		1255	1542	1616
	Air Flow Rate (Cooling)	High / Nom / Low m³/sec	0.145 / 0.133 / 0.122	0.267 / 0.247 / 0.225	0.267 / 0.247 / 0.225
	External Static Pressure	High / Nom Pa	48 / 30	49 / 40	49 / 40
Dimensions	Height	mm	620	620	620
	Width	mm	790	1190	1190
	Depth	mm	200	200	200
Weight		kg	23	30	30
Sound Pressure (Cooling)	High / Med / Low	dBA	33 / 31 / 28	36 / 33 / 30	36 / 33 / 30
Sound Pressure (Heating)	High / Med / Low	dBA	33 / 31 / 28	36 / 33 / 30	36 / 33 / 30
Sound Power (Cooling)		dBA	53	56	56

Outdoor Units			RZAG35A	RZAG50A	RZAG60A
Dimensions	Height x Width x Depth	mm	734 x 870 x 373	734 x 870 x 373	734 x 870 x 373
Weight		kg	52	52	52
Electrical Details	Power Supply		1ph	1ph	1ph
	Maximum Input Current (MCA) A		14.73	14.73	16.70
	Max Fuse Size	A	16	16	20
Interconnection Wiring	Core / Cable Size		3+E / 1.5	3+E / 1.5	3+E / 1.5
Piping Connections	Liquid / Gas	inches (mm)	1/4 (6.4) / 3/8 (9.5)	1/4 (6.4) / 1/2 (12.7)	1/4 (6.4) / 1/2 (12.7)
Pipework	Maximum Length	m	50	50	50
	Maximum Vertical Rise	m	30	30	30
	Precharged to	m	30	30	30
	Additional charge	g/m	20	20	20
	Holding charge	kg	1.55	1.55	1.55
Sound Pressure (Cooling)	Nominal	dBA	48	49	50
Sound Pressure (Heating)	Nominal	dBA	48	49	50
Sound Power (Cooling)		dBA	62	63	64
Operating Range (Cooling)	Min / Max	°CDB	-20 / 52	-20 / 52	-20 / 52
Operating Range (Heating)	Min / Max	°CWB	-21 / 18	-21 / 18	-21 / 18
Air Flow Rate (Cooling)	Nominal	m³/sec	0.918	0.918	0.918

Indoor Unit Trade Price (Includes: BRC1H52W)	£663.00	£771.00	£847.00
Condensing Unit Trade Price	£982.00	£1,198.00	£1,312.00
<b>Total System Price</b>	<b>£1,645.00</b>	<b>£1,969.00</b>	<b>£2,159.00</b>

## Notes & Features:

- All fan coils supplied as standard with air filter
- FNA-A supplied with 100mm high legs for optional mounting
- Requires very little installation space
- Low height makes it ideal for installation beneath windows



RZAG35-60A

Madoka BRC1H52W

WI-FI CONTROL VIA APP

DAIKIN

onecta

**WI-FI ADAPTOR**

**AVAILABLE AS AN OPTION**

FNA-A9 / RXM-R

# Concealed Floor Standing – Standard Inverter



Accessories:

Accessory Ref	Description	Trade Price
BRP069C81	Wi-Fi adapter for use with Daikin ONECTA App	<b>£95.00</b>
BRC1H52W	Wired touch screen remote controller - White (Included as standard)	<b>£105.00</b>
BRC1H52S	Wired touch screen remote controller - Silver	<b>£110.00</b>
BRC1H52K	Wired touch screen remote controller - Black	<b>£114.00</b>
BRC2E52C	Wired simplified remote controller (without auto swing)	<b>£120.00</b>
BRC4C65	Wireless remote controller	<b>£200.00</b>
K.CGM	Condensing unit guard (1150 x 1150 x 650)	<b>£388.00</b>
K.CGS	Condensing unit guard (750 x 1050 x 460)	<b>£280.00</b>
K.CWB90-2	Wall bracket (90kg, 500mm support arm)	<b>£44.00</b>
K.DT1	Condensate drip tray for use with K.CWB90-2	<b>£68.00</b>
K.RSS	Wireless room mounted temperature sensor and receiver	<b>£116.00</b>
KLIC-DI	KNX Interface for Sky Air and VRV systems	<b>£243.00</b>
KRCS01-4	Remote room mounted temperature sensor	<b>£51.00</b>
KRP4A53 and UK.FB2	Unit/group adaptor PCB for remote on/off, status indication and temperature setting	<b>£117.00</b>
RS-SE	Service and configuration tool for K.RSS	<b>£120.00</b>
RTD-10 and UK.FB2	Enhanced function PCB for Sky Air and VRV. Duty rotation, Lead Lag control and heating interlock	<b>£305.00</b>
RTD-20 and UK.FB2	Energy control PCB for Sky Air and VRV	<b>£327.00</b>
RTD-NET and UK.FB2	Modbus interface PCB for Sky Air and VRV	<b>£245.00</b>

Indoor Units			FNA25A9	FNA35A9	FNA50A9	FNA60A9
Capacity	UK Total Cooling	kW	2.54	3.32	4.89	5.86
	UK Sensible Cooling	kW	1.89	2.26	3.66	4.11
	Nominal Cooling	kW	2.6	3.4	5.0	6.0
	Nominal Heating	kW	3.2	4.0	5.8	7.0
Seasonal Efficiency (EN14825) COOLING	Energy Label		A+	A+	A+	A
	Pdesign	kW	2.6	3.4	5.0	6.0
	SEER		5.68	5.7	5.77	5.56
	Annual Energy Consumption	kWh	160	209	303	378
Seasonal Efficiency (EN14825) HEATING	Energy Label		A+	A+	A+	A+
	Pdesign	kW	2.8	2.9	4.0	4.6
	SCOP		4.24	4.05	4.09	4.16
	Annual Energy Consumption	kWh	924	1002	1369	1547
Air Flow Rate (Cooling)	High / Nom / Low	m³/sec	0.145 / 0.133 / 0.122	0.145 / 0.133 / 0.122	0.267 / 0.247 / 0.225	0.267 / 0.247 / 0.225
External Static Pressure	High / Nom	Pa	48 / 30	48 / 30	49 / 40	49 / 40
Dimensions	Height	mm	620	620	620	620
	Width	mm	790	790	1190	1190
	Depth	mm	200	200	200	200
Weight		kg	23	23	30	30
Sound Pressure (Cooling)	High / Med / Low	dB(A)	33 / 31 / 28	33 / 31 / 28	36 / 33 / 30	36 / 33 / 30
Sound Pressure (Heating)	High / Med / Low	dB(A)	33 / 31 / 28	33 / 31 / 28	36 / 33 / 30	36 / 33 / 30
Sound Power (Cooling)		dB(A)	53	53	56	56

Outdoor Units			RXM25R9	RXM35R9	RXM50R	RXM60R
Dimensions	Height x Width x Depth	mm	550 x 765 x 285	550 x 765 x 285	734 x 870 x 373	734 x 870 x 373
Weight		kg	32	32	49	49
Electrical Details	Power Supply		1ph	1ph	1ph	1ph
	Maximum Input Current (MCA)	A	11.17	11.17	14.43	15.09
	Max Fuse Size	A	13	13	16	16
Interconnection Wiring	Core / Cable Size		3+E / 1.5	3+E / 1.5	3+E / 1.5	3+E / 1.5
Piping Connections	Liquid / Gas	inches (mm)	1/4 (6.4) / 3/8 (9.5)	1/4 (6.4) / 3/8 (9.5)	1/4 (6.4) / 1/2 (12.7)	1/4 (6.4) / 1/2 (12.7)
Pipework	Maximum Length	m	20	20	30	30
	Maximum Vertical Rise	m	15	15	20	20
	Precharged to	m	10	10	10	10
	Additional charge	g/m	20	20	20	20
	Holding charge	kg	0.76	0.76	1.15	1.15
	Sound Pressure (Cooling)	Nominal	dB(A)	46	49	48
Sound Pressure (Heating)	Nominal	dB(A)	47	49	49	49
Sound Power (Cooling)		dB(A)	58	61	62	63
Operating Range (Cooling)	Min / Max	°CDB	-10 / 50	-10 / 50	-10 / 50	-10 / 50
Operating Range (Heating)	Min / Max	°CWB	-15 / 18	-15 / 18	-15 / 18	-15 / 18
Air Flow Rate (Cooling)	Nominal	m³/sec	0.472	0.600	0.777	0.777

Indoor Unit Trade Price (Includes: BRC1H52W)	£537.00	£663.00	£771.00	£847.00
Condensing Unit Trade Price	£571.00	£664.00	£833.00	£887.00
<b>Total System Price</b>	<b>£1,108.00</b>	<b>£1,327.00</b>	<b>£1,604.00</b>	<b>£1,734.00</b>

Notes & Features:

- › All fan coils supplied as standard with air filter
- › FNA-A supplied with 100mm high legs for optional mounting
- › Requires very little installation space
- › Low height makes it ideal for installation beneath windows



RXM42-60R

FVXM-A / RXM-R

# Floor Standing Cased – Standard Inverter



Accessories:

Accessory Ref	Description	Trade Price
EKRS21	Wire harness for new S21 port for all marked (*) options	<b>£9.00</b>
BRC073*	Wired remote Control - Connection cable required	<b>£103.00</b>
BRCW901A03	3m extension cord required for wired remote control BRC073	<b>£17.00</b>
BRCW901A08	8m extension cord required for wired remote control BRC073	<b>£26.00</b>
KRP413A15*	Adaptor PCB for remote on/off control - constant/pulse contact	<b>£96.00</b>
KRP928A25*	Adaptor PCB for interface to Daikin centralised control systems	<b>£172.00</b>
KLIC-DD*	KNX interface for Split type systems	<b>£214.00</b>
RTD-RA*	Adaptor PCB for Modbus connection and/or extended system functions	<b>£198.00</b>
K.CWB90-2	Wall bracket (90kg, 500mm support arm)	<b>£44.00</b>
K.DT1	Condensate drip tray for use with Split ODU - tray width 800mm	<b>£68.00</b>
K.CGS	Condensing unit guard (750 x 1050 x 460)	<b>£280.00</b>
K.CGM	Condensing unit Guard (1150 x 1150 x 650)	<b>£388.00</b>

Notes & Features:

- > Wired controller, KLIC-DI and RTD-RA options cannot be combined
- > Wireless remote controller with 7-day weekly timer
- > Night set mode
- > Powerful operation
- > Dry programme: reduces humidity in the rooms without variations in internal temperature
- > Heat boost function to reach set point quicker during start-up
- > Heat+ warms up room for 30min via convection at low fan speed
- > Floor warming function to provide even heat distribution up to 3.5m distance
- > C/FVXM-A only connectable up to 3MXM52N Multi Split outdoor unit

Indoor Units			CVXM20A	FVXM25A	FVXM35A	FVXM50A
Capacity	UK Total Cooling	kW	Multi Combinations Only	2.35	3.42	4.86
	UK Sensible Cooling	kW		1.71	2.34	3.20
	Nominal Cooling	kW		2.4	3.5	5.0
	Nominal Heating	kW		3.4	4.5	5.8
Seasonal Efficiency (EN14825) COOLING	Energy Label			A+++	A++	A++
	Pdesign	kW		2.4	3.4	5.0
	SEER			8.55	8.11	7.30
	Annual Energy Consumption kWh			98	147	240
Seasonal Efficiency (EN14825) HEATING	Energy Label			A++	A++	A+
	Pdesign	kW		2.3	2.8	4.1
	SCOP			4.65	4.63	4.31
	Annual Energy Consumption kWh			692	847	1332
Air Flow Rate (Cooling)	High / Med / Low / Silent	m³/sec	0.145 / 0.117 / 0.082 / 0.068	0.145 / 0.117 / 0.082 / 0.068	0.153 / 0.117 / 0.082 / 0.068	0.193 / 0.150 / 0.110 / 0.090
Dimensions	Height	mm	600	600	600	600
	Width	mm	750	750	750	750
	Depth	mm	238	238	238	238
Weight		kg	17	17	17	17
Sound Pressure (Cooling)	High / Med / Low / Silent	dBA	38 / 32 / 25 / 22	38 / 32 / 25 / 20	39 / 32 / 25 / 20	44 / 38 / 31 / 27
Sound Pressure (Heating)	High / Med / Low / Silent	dBA	38 / 32 / 25 / 21	38 / 32 / 25 / 19	39 / 32 / 25 / 19	46 / 40 / 35 / 29
Sound Power (Cooling)		dBA	52	52	53	61

Outdoor Units			RXM25R9	RXM35R9	RXM50R
Dimensions	Height x Width x Depth	mm	550 x 765 x 285	550 x 765 x 285	734 x 870 x 373
Weight		kg	32	49	49
Electrical Details	Power Supply		1ph	1ph	1ph
	Maximum Input Current (MCA) A		9.54	9.58	14.04
	Max Fuse Size	A	13	13	16
Interconnection Wiring	Core / Cable size		3+E / 1.5	3+E / 1.5	3+E / 1.5
Piping Connections	Liquid / Gas	inches (mm)	1/4 (6.4) / 3/8 (9.5)	1/4 (6.4) / 3/8 (9.5)	1/4 (6.4) / 1/2 (12.7)
Pipework	Maximum Length	m	20	20	30
	Maximum Vertical Rise	m	15	15	20
	Precharged to	m	10	10	10
	Additional Charge	g/m	20	20	20
Holding Charge	kg	0.76	0.76	1.15	
Sound Pressure (Cooling)	Nominal	dBA	46	49	48
Sound Pressure (Heating)	Nominal	dBA	47	49	49
Sound Power (Cooling)		dBA	58	61	62
Operating Range (Cooling)	Min / Max	°CDB	-10 / 50	-10 / 50	-10 / 50
Operating Range (Heating)	Min / Max	°CWB	-15 / 18	-15 / 18	-15 / 18
Air Flow Rate (Cooling)	Nominal	m³/sec	0.472	0.600	0.777
Meets ETL criteria			●	●	●
<b>Indoor Unit Trade Price</b>			<b>£702.00</b>	<b>£757.00</b>	<b>£828.00</b>
<b>Condensing Unit Trade Price</b>			<b>£571.00</b>	<b>£664.00</b>	<b>£833.00</b>
<b>Total System Price</b>			<b>£1,273.00</b>	<b>£1,421.00</b>	<b>£1,661.00</b>



RXM42-50R

WI-FI CONTROL VIA APP

DAIKIN onecta

**WI-FI ADAPTOR AVAILABLE AS STANDARD**

FVXM-F

# Floor Standing Cased – Standard Inverter



Indoor Units			FVXM25F	FVXM35F	FVXM50F
Air Flow Rate (Cooling)	High / Med / Low / Silent	m3/sec	0.137 / 0.108 / 0.080 / 0.068	0.142 / 0.111 / 0.082 / 0.075	0.168 / 0.148 / 0.130 / 0.110
Dimensions	Height x Width x Depth	mm	600 x 700 x 210	600 x 700 x 210	600 x 700 x 210
Weight		kg	14	14	14
Sound Pressure (Cooling)	High / Med / Low / Silent	dBA	38 / 32 / 26 / 23	39 / 33 / 27 / 24	44 / 40 / 36 / 32
Sound Pressure (Heating)	High / Med / Low / Silent	dBA	38 / 32 / 26 / 23	39 / 33 / 27 / 24	45 / 40 / 36 / 32
Sound Power (Cooling)		dBA	52	52	57

Accessories:

Accessory Ref	Description	Trade Price
BRP069B42	Wi-Fi adapter for use with Daikin ONECTA App	<b>£77.00</b>
BRC073	Wired remote Control	<b>£103.00</b>
BRCW901A03	Extension cord for wired remote control (3m)	<b>£17.00</b>
BRCW901A08	Extension cord for wired remote control (8m)	<b>£26.00</b>
KRP413A1S	Adaptor PCB for remote on/off control - constant/pulse contact	<b>£96.00</b>
KRP928A2S	Adaptor PCB for interface to Daikin centralised control systems	<b>£172.00</b>
KLIC-DD	KNX interface for Split type systems	<b>£214.00</b>
RTD-RA	Adaptor PCB for Modbus connection and/or extended system functions	<b>£198.00</b>

Notes & Features:

- > Wired controller, KLIC-DI and RTD-RA options cannot be combined
- > Wireless remote controller with 7-day weekly timer
- > Night set mode
- > Powerful operation
- > Dry programme: reduces humidity in the rooms without variations in internal temperature
- > Can be connected with R410A Mini VRV using BPMK boxes

## Aesthetic customisation of units

Customers sometimes require visible units to be less obtrusive for aesthetic or planning reasons. Daikin UK offers unit customisation, by repainting or vinyl wrapping, to create unique visual effects.



## Wrapping

Daikin UK's condenser wrapping service is a unique offering. Bespoke patterned vinyl wraps are applied to outdoor condenser units to disguise the look of an outdoor unit or make it a feature.

Type of condenser	Code	Price (Ex-VAT)
Single fan	UK.SF/VR	<b>£944.00</b>
Double fan	UK.DF/VR	<b>£1,014.00</b>
VRV type	UK.VRV/VR	<b>£1,152.00</b>

Prices are not subject to discount and do not include the cost of the unit. Price on application for other units such as indoor types..

**Lead time:** 2-3 weeks from receipt of photo

**Applicable units:** All outdoor condensers



## Painted units

Daikin UK offers a customised service to repaint our units to any specified RAL or BS finish. Our repainting service is done in-house in our National Solutions Centre and includes removing base paint to give a uniform, long-lasting and professional finish. We have repainted fan coils, decoration panels, BS boxes and all types of condensers for a number of clients.

**PRICE ON APPLICATION**

**Lead time:** 2-3 weeks

**Applicable units:** All

When asking for a quotation or ordering, please state the unit you require along with the finish requirements e.g. colour, pattern etc.

**Please note:** The stated lead times are a guide. This can be influenced by the design and complexity of the requirement.



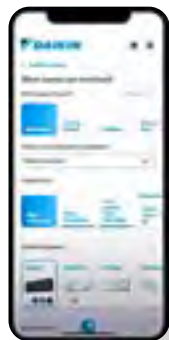


# Multi Split Fan Coils

## Multi Split Selection Tool



Select and configure your Multi Split System now



Watch short video



Full range of connectable Indoor unit specification details are available in the commercial price book only, includes the cassettes and ceiling suspended, which are typically used in commercial environments.

### Features:

- › Quick and easy selection in 7 steps
- › Adjust design conditions
- › Manage project portfolios
- › Create reports with technical and commercial information
- › Requires Daikin Single Sign-on ID

Emura Wall Mounted Fan Coil Units	FTXJ20AW	FTXJ25AW	FTXJ35AW	FTXJ42AW	FTXJ50AW	FTXJ20AB	FTXJ25AB	FTXJ35AB	FTXJ42AB	FTXJ50AB	FTXJ20AS	FTXJ25AS	FTXJ35AS	FTXJ42AS	FTXJ50AS
Trade Fan Coil Unit Price	£371.00	£391.00	£439.00	£495.00	£578.00	£408.00	£429.00	£482.00	£543.00	£635.00	£443.00	£466.00	£522.00	£589.00	£689.00



Stylish Wall Mounted Fan Coil Units	CTXA 15AW	FTXA 20AW	FTXA 25AW	FTXA 35AW	FTXA 42AW	FTXA 50AW	CTXA 15BB	FTXA 20BB	FTXA 25BB	FTXA 35BB	FTXA 42BB	FTXA 50BB
Trade Fan Coil Unit Price	£311.00	£353.00	£372.00	£418.00	£471.00	£550.00	£341.00	£389.00	£409.00	£459.00	£517.00	£605.00



Stylish Wall Mounted Fan Coil Units	CTXA 15B(S/T)	FTXA 20B(S/T)	FTXA 25B(S/T)	FTXA 35B(S/T)	FTXA 42B(S/T)	FTXA 50B(S/T)
Trade Fan Coil Unit Price	£372.00	£422.00	£444.00	£497.00	£561.00	£656.00



Wall Mounted Standard Inverter Fan Coil Units	CTXM15R	FTXM20R	FTXM25R	FTXM35R	FTXM42R	FTXM50R	FTXM60R	FTXM71R
Trade Fan Coil Unit Price	£179.00	£186.00	£200.00	£228.00	£256.00	£354.00	£360.00	£480.00



Low Inverter Wall Mounted Fan Coil Units	FTXP20M9	FTXP25M9	FTXP35M9
Trade Fan Coil Unit Price	£140.00	£157.00	£177.00



Floor Standing Cased Unit Fan Coil Units	CVXM20A*	FVXM25A*	FVXM35A*	FVXM50A	FVXM25F	FVXM35F	FVXM50F
Trade Fan Coil Unit Price	£653.00	£702.00	£757.00	£828.00	£681.00	£735.00	£804.00

\* only combinable with 2MXM40-52N and 3MXM40-52N8



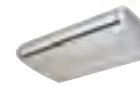
Compact Roundflow Cassette Fan Coil Units	FCAG35B	FCAG50B	FCAG60B
Trade Fan Coil Unit Price	£899.00	£919.00	£974.00



600 x 600 Fully Flat Cassette Fan Coil Units	FFA25A9	FFA35A9	FFA50A9	FFA60A9
Trade Fan Coil Unit Price	£839.00	£915.00	£1,007.00	£1,063.00



Ceiling Suspended Fan Coil Units	FHA35A9	FHA50A9	FHA60A9
Trade Fan Coil Unit Price	£873.00	£946.00	£1,037.00



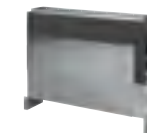
Concealed Ceiling Fan Coil Units	FBA35A9	FBA50A9	FBA60A9
Trade Fan Coil Unit Price	£677.00	£713.00	£787.00



Slim Concealed Ceiling Fan Coil Units	FDXM25F9	FDXM35F9	FDXM50F9	FDXM60F9
Trade Fan Coil Unit Price	£522.00	£582.00	£630.00	£690.00



Concealed Floor Standing Unit	FNA25A9	FNA35A9	FNA50A9	FNA60A9
Trade Fan Coil Unit Price	£537.00	£663.00	£771.00	£847.00



### Notes:

- i) Accessories for fan coils - refer to pair system pages
- ii) All fan coil units standard with auto restart after power failure
- iii) All fan coil units supplied as standard with remote controller
- iv) FDXM-F9 fan coil units supplied as standard with air filter
- v) One wifi adaptor per fan coil for online control



**R-410A**

VRV IV S-series – RXYSCQ-T

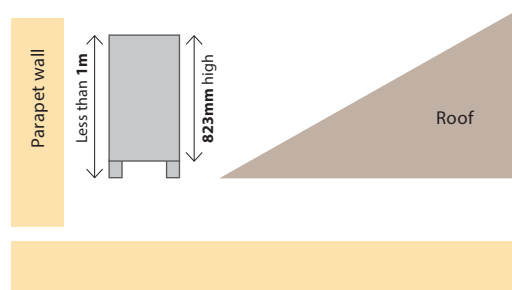
# Low Height Compact Mini VRV



Features:

- › New low height Mini VRV, making complying with planning restrictions in towns and cities easier
- › Compact – only 823mm high
- › Lightweight – for simple installation
- › Variable Refrigerant temperature – enhanced efficiency
- › In addition to VRV fan coils, low height Mini VRV is connectable to: Stylish indoor units – Emura, Perfera and Stylish
- › Single phase

Outdoor Units			RXYSCQ4TV1	RXYSCQ5TV1	RXYSCQ6TV1
Capacity	Nominal Cooling	kW	12.1	14.0	15.5
	Nominal Heating	kW	12.1	14.0	15.5
ηs,c	Seasonal Efficiency Cooling	%	322.8	303.4	281.3
ηs,h	Seasonal Efficiency Heating	%	182.3	185.1	186
Dimensions	Height x Width x Depth	mm	823 x 940 x 460	823 x 940 x 460	823 x 940 x 460
Weight		kg	89	89	89
Refrigerant Circuit	Refrigerant Type		R410A	R410A	R410A
Sound Pressure (Nom)	Cooling	dBA	51.0	52.0	53.00
Sound Power (Nom)	Cooling	dBA	68.0	69.0	70.00
Maximum No of Connectable Units			8	10	13
Electrical Details	Power Supply	Phase / Hz / V		1 / 50 / 230	
	Running Current	amps	19.0		23.2
	Fuse Rating	amps	32	32	32
Piping Limits	Total Piping length	m	300	300	300
	Maximum Length	m	70 (90 equivalent)	70 (90 equivalent)	70 (90 equivalent)
	Maximum Vertical Rise	m	30	30	30
Piping Connections	Liquid	inch (mm)	3/8 (9.5)	3/8 (9.5)	3/8 (9.5)
	Gas	inch (mm)	5/8 (15.9)	5/8 (15.9)	3/4 (19)
Capacity Index Limit			50~130	62.5~162.5	70~182
<b>Trade Condensing Unit Price</b>			<b>£3,079.00</b>	<b>£3,460.00</b>	<b>£3,861.00</b>



Split Units Compatible with VRV			
Split Indoor Units	Emura	Stylish	VRV IV-S (-T series) Mini VRV
Perfera Wall Mounted	FTXJ-M(W/S)	CTXA15(AW/BB/BS/BT)	●
	FTXA(AW/BB/BS/BT)	CTXM15R	●
Floor Mounted	FTXM-R	FVXM-F	●
	FVXM-A		●

For split accessories refer to the individual product pages

BPMK

# Mini VRV for residential applications



- › Multi Series Inverters can connect up to five indoor units from across the split range
- › Up to nine indoor units can be connected to a single Mini-VRV outdoor unit. To allow connection of the split indoor units, the system will need two or three port BPMK boxes

Daikin's range of split indoor units			BPMKS967A2	BPMKS967A3
Dimensions	Height x Width x Depth	mm	180 x 650 x 350	180 x 650 x 350
Weight		kg	7.5	8.0
Total Indoor Capacity		kW	14.2	20.8
Connectable Units			2	3
Electrical Details	Power Supply		1~ 220 - 240V, 50 Hz	1~ 220 - 240V, 50 Hz
	Power Input	kW	0.01	0.01
Piping Limits	Maximum Total - outdoor to BPMK box		55	55
	Distance from BPMK to indoor		15	15
Piping Connections Indoor	Liquid	Inches (mm)	2 x 1/4 (6.4)	3 x 1/4 (6.4)
	Gas	Inches (mm)	2 x 5/8 (15.9)	3 x 5/8 (15.9)
Piping Connections Outdoor	Liquid	Inches (mm)	1 x 3/8 (9.5)	1 x 3/8 (9.5)
	Gas	Inches (mm)	1 x 3/4 (19.0)	1 x 3/4 (19.0)
<b>Trade List Price</b>			<b>£465.00</b>	<b>£497.00</b>

Notes:

- i) Mini-VRV units are subject to VRV discount level. Split indoor units bought to connect to mini VRV are still subject to Split discount levels. BPMK Boxes are bought at accessories discount levels.

Accessories:

Accessory Ref	Description	Trade Price
KHRQ22M20T	R410A 2 Pipe refnet joint	£35.00

Daikin UK Price Book 2022

# Training & Services

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# Training with Daikin

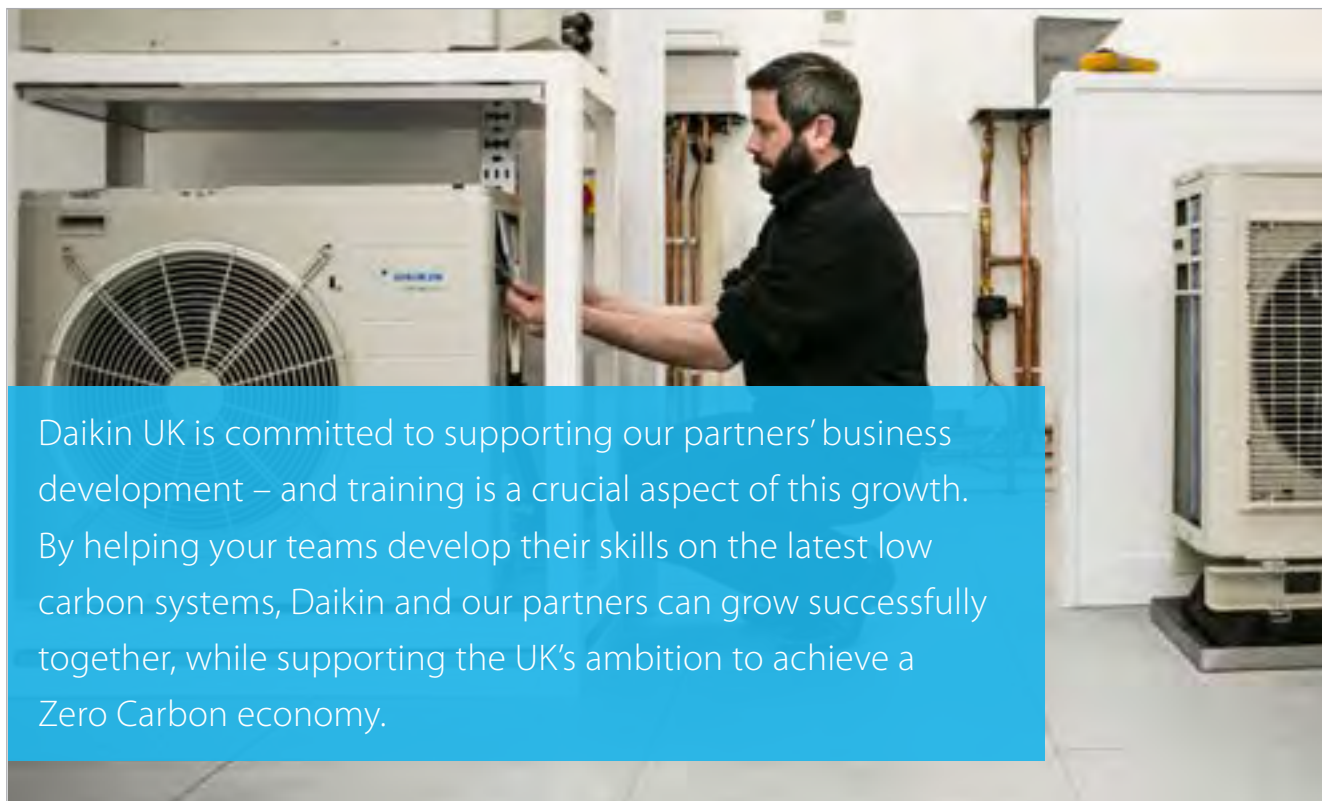
## Three levels of training

Daikin recognises that different companies have individuals with different job roles and skills – some of whom need standard levels of installation training and others who need more advanced training on a wider range of products and tasks.

In recognition of these differences, Daikin offers training courses at three different levels, so you can progress from standard installation through to service and fault finding as you become more experienced and knowledgeable, or dive straight in at the right level to meet your individual requirements.

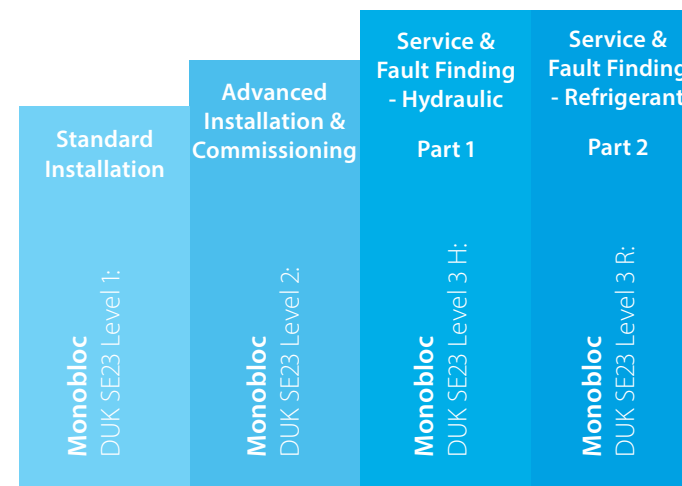
The ultimate goal is that you can install, commission and service a Daikin Altherma heat pump as efficiently as possible, so your customers are delighted with the result and you can move onto the next project with the knowledge that it was a job well done.

- 1. Standard Installation** enables you to install a Daikin Altherma heat pump. If you're only involved in installations, this is the course for you.
- 2. Advanced Installation and Commissioning** gives you the skills for effective trouble shooting of a Daikin Altherma heat pump. It is ideal if you are involved in a number of different types of installation.
- 3. Service and Fault Finding** allows you to handle all types of servicing tasks for a Daikin Altherma heat pump. It is ideal for an already competent installer, giving you the opportunity to expand your knowledge and skills so you can provide your customers with a full range of services.



Daikin Altherma training courses can be completed via live streaming modules online, or as full day courses at our Training Centres in Woking, Bristol, Birmingham, Manchester and Glasgow as well as at our partner Sustainable Homes Centres.

To find out when courses are scheduled via Live Streaming online and in person at Daikin UK regional training centres, or to check availability and book a place, please go to the Daikin UK booking website at [daikintraining.co.uk](http://daikintraining.co.uk)



# Available Training courses

Range	Standard Installation			Advanced Installation & Commissioning	Service & Fault Finding - Hydraulic (Part 1)	Service & Fault Finding - Refrigerant (Part 2)	Service & Fault Finding - Boiler
<b>Daikin Altherma Monobloc*</b>	Level 1 Standard Installation*			Level 2 Advanced Installation & Commissioning*	Level 3 H Service and Fault Finding - hydraulic*	Level 3 R Service and Fault Finding – refrigerant	
<b>Daikin Altherma 3 H-Split*</b>	Level 1 Standard Installation*			Level 2 Advanced Installation & Commissioning*	Level 3 H Service and Fault Finding - hydraulic*	Level 3 R Service and Fault Finding – refrigerant	
<b>Daikin Altherma 3 Split</b>	Level 1 Standard Installation			Level 2 Advanced Installation & Commissioning	Level 3 H Service and Fault Finding - hydraulic	Level 3 R Service and Fault Finding – refrigerant	
<b>Daikin Altherma 3 H HT</b>	Level 1 Standard Installation			Level 2 Advanced Installation & Commissioning	Level 3 H Service and Fault Finding - hydraulic	Level 3 R Service and Fault Finding – refrigerant	
<b>Daikin Altherma Hybrid</b>	Level 1 Standard Installation, Excluding Boiler	Level 1 Standard Installation, Including Boiler	Level 1 Standard Installation, custom Hybrid	Level 2 Advanced Installation & Commissioning	Level 3 H Service and Fault Finding - hydraulic	Level 3 R Service and Fault Finding – refrigerant*	Level 3 B Service and Fault Finding - Gas boiler
<b>Daikin Gas Boiler</b>	Level 1 Standard Installation						

\* Currently available





### National Technology Centre

The Technology Centre in Woking is Daikin's largest training and demonstration facility in the UK, with over two floors covering an area close to 1000m<sup>2</sup>.

The facility is able to hold three training events at one time, with additional equipment demonstration facilities and a dedicated suite for conducting web based live training events.

The first floor is dedicated to Heating products with eight individual working bays containing a wide selection of systems to allow for practical hands-on training of commissioning and fault diagnosis.

Courses are also available within our well equipped regional centres in Glasgow, Manchester, Birmingham and Bristol and our Daikin Sustainable Home Centres.

All training is given by highly skilled engineers who will be able to provide you with extensive in depth knowledge of our equipment.





## Your training journey

- › We recommend that every installer completes Altherma Design and Application before applying for specific production installation courses.
- › We require each installer to attend the specific Installation and Commissioning course for each product they are purchasing and installing. Specific courses are available for our Daikin Altherma Low Temperature, Monobloc, Hybrid, High Temperature and Water Source product ranges.
- › For more advanced installers wishing to offer service support, we recommend Advanced Service and Fault Finding. Specific courses are available for Daikin Altherma Low Temperature, Monobloc, Hybrid, High Temperature and Water Source product ranges.



## How to book your training

To find out when courses are scheduled online at Daikin UK regional training centres, to check availability and book a place, please go to the Daikin UK booking website at **[daikintraining.co.uk](https://daikintraining.co.uk)**

If you have any specific training requests outside of the scheduled programme, please contact the Daikin UK heating team.

To view our latest training courses, please go to **[daikintraining.co.uk](https://daikintraining.co.uk)**



# National Solutions Centre

Meeting the increased demand for high quality, bespoke solutions across the UK, Daikin UK is committed to working with you to tailor the systems and solutions we offer to your exact requirements.

At our brand new National Solutions Centre in Thornbury, Bristol, Daikin UK is pleased to offer tailored and bespoke solutions across our product ranges.

The experts that work in our National Solutions Centre offer a wealth of experience in unit modification and made-to-order solutions for customers across the whole of the UK, which is why we have seen an increase in demand for bespoke solutions.

Our innovative solutions have been created with ease of installation and optimising end user experience in mind, from vinyl condenser wraps to Blygold treatment. These modifications maintain the units CA/CE marking.

To discuss your requirements for tailored solutions from our National Solutions Centre, please contact your Daikin Sales Engineer.



## Wrapping



Daikin UK's condenser wrapping service is a unique offering in which bespoke patterned vinyl wraps are applied to outdoor condenser units. Vinyl wraps are a popular choice for disguising the look of an outdoor unit or making it into a feature.

### How it works:

- › Order wrap based on unit size – see price table
- › Select unit location
- › Photograph backdrop against which the unit is to be placed
- › Send image based on high resolution photo
- › Daikin will create vinyl to match and send back for confirmation
- › Following confirmation the wrapping process will commence
- › Delivery 2-3 weeks following approval of the wrap sample.

### Pricing

Type of condenser	Code	Price (Ex-VAT)
Single fan	UK.SF/VR	£589.00
Double fan	UK.DF/VR	£848.00

Prices are not subject to discount and do not include the cost of the unit. For other units such as indoor type price on application.

**Lead time:** 2-3 weeks from receipt of photo

**Applicable units:** All outdoor condensers

## Painted Units



Customers sometimes require visible units to be less obtrusive, whether for aesthetic or planning reasons. Daikin UK offers a customised service, during which we can repaint our units to any specified RAL or BS finish.

### How it works:

- › Select unit that requires painting
- › Select suitable colour match – sample or RAL colour
- › Final agreement on actual colour
- › Preparation and delivery 2-3 weeks after colour match agreed.

### Pricing

Price is dependent on a number of factors such as the colour, finish and type of unit requiring painting.

Prices exclude VAT, for other units not mentioned please contact your local order office, price not including unit cost. If you have multiple units please contact Daikin for additional discount.

**Lead time:** 2-3 weeks

**Applicable units:** All

## Blygold treatment



Daikin UK offers Blygold Treatment on all outdoor heat exchangers where the unit will be exposed to the following outdoor conditions:

- › Coastal areas, due to high salt and humidity levels (normally up to 5km inland in the UK)
- › Near agricultural spaces where fertiliser spray is used
- › In areas with high traffic pollution or near industrial buildings that burn fossil fuels

Blygold coats the coils to add an additional level of protection to offer further peace of mind to your customer by prolonging the life of the heat exchanger by up to three times and ultimately maintaining the efficiency of the unit throughout its life.

Systems treated with Blygold pass both the VDA Wechselstest and Kesternich Test to give up to six times more resistance to corrosion compared with a standard outdoor unit. The treatment ensures that Daikin condensing unit coils are sealed off from the environment in a manner that will not reduce the heat transfer or cause pressure drop issues.

Units are treated at Blygold UK's premises prior to equipment being shipped to site. The coating is UV resistant, flexible, heat conductive, and chemical resistant to most harsh environments.

Blygold treatments are available for all Daikin Altherma condenser types starting with ER ED EB EV.

### Price guide for standard units

#### Guide based on single units

Indoor units		Price (Ex-VAT)
Standard ducted	FXSQ/FXSA/FXDQ/FXDA	£360.00
Cassette	FXZQ/FFQ/FCXQ/FCQ/FXZA/FXFA	£310.00
Wall mount	FXAQ/FXAA	£340.00
Floor standard	F(V)LXS/FXNQ	£360.00
Floor chassis	FVA-A	£440.00
Under ceiling	FXUQ/FUQ	£360.00
Ceiling suspended	FHQ	£340.00

Outdoor units		Price (Ex-VAT)
Single fan	All capacities	£460.00
Double fan	All capacities	£490.00

# Deliveries

Delivery Type	SAP Number	Time	New Pricing	Order Processing Deadline
<b>Standard Delivery - Weekday</b> (excluding Spares)				
Next Day Delivery		08:00 - 17:30	<b>Free of Charge</b>	Order processed by 14.00 (Scotland 12.00) the previous working day
<b>Timed Delivery - weekday</b> (excluding Spares)				
Before 13:00	UK.DLVWIN1	08:00 - 13:00	<b>£50.00</b>	Order processed by 14.00 the previous working day
After 13:00	UK.DLVWIN2	13:00 - 17:30	<b>£45.00</b>	Order processed by 14.00 the previous working day
Time specific normal hours	UK.TDN_30MIN	Between 08:00 - 17:30	<b>£220.00</b>	Requires two working days' notice
Time specific out of hours	UK.TDN_300TH	Before 08:00 & after 17:30	<b>£390.00</b>	Requires two working days' notice
Sameday (geographical restrictions apply)	UK.RUSH_DLVR		<b>£220.00</b>	Order processed by 11:00
<b>Weekend Deliveries</b>				
Saturday /Sunday time specific	UK.TDN_300TH		<b>£390.00</b>	Requires two working days' notice
Saturday Delivery <15kg	UK..SAT_COURRIER	07:00 - 18:00	<b>£35.00</b>	Requires two working days' notice
Saturday Delivery >15kg	UK.SAT_SUB	08:00 - 17:00	<b>£110.00</b>	Requires two working days' notice
Public Holidays		-	<b>Variable</b>	Requests processed on an individual basis
<b>Spare Parts Delivery Service</b>				
<b>Next Day Delivery - Weekday</b>				
Online orders		07:00 - 18:00	<b>Free of Charge</b>	Orders received by 14:00 previous working day
Next Day Delivery <20kg	UK.STANDDEL	07:00 - 18:00	<b>£10.00</b>	Orders received by 14:00 previous working day
Next Day Delivery >20kg	UK.PALLEDEL	07:00 - 18:00	<b>£60.00</b>	Orders received by 14:00 previous working day
Next Day Delivery Before 13:00 <20kg	UK.PALLETAM	07:00 - 13:00	<b>£20.00</b>	Orders received by 14:00 previous working day
Next Day Delivery Before 13:00 >20kg	UK.PALLETAM	07:00 - 13:00	<b>£90.00</b>	Orders received by 14:00 previous working day
<b>Weekend Deliveries</b>				
Saturday Delivery <20kg	UK.SPECIALDEL	07:00 - 18:00	<b>£35.00</b>	Orders received by 14:00 previous working day
Saturday Delivery >20kg	UK.SPECIALDEL	07:00 - 18:00	<b>Price on Request</b>	Orders received by 14:00 previous working day
<b>Special Vehicle - Weekday / Weekend</b>				
Hiab: kerbside drop	UK.SPEC_VEHICLE	-	<b>From £390.00</b>	Requires two working days' notice
FORS (fleet operator recognition scheme)	UK.SPECIAL		<b>From £390.00</b>	Requires two working days' notice
Flat Bed	UK.SPEC_VEHICLE		<b>From £390.00</b>	Requires two working days' notice
Two man delivery service	UK.SPEC_VEHICLE		<b>From £390.00</b>	Requires two working days' notice
Small Vehicles (under 18T)		Weekday	<b>Free of Charge</b>	Requires two working day's notice
		Weekend	<b>From £390.00</b>	Requires two working day's notice

\* Information available from your local Daikin Sales Order Support team.

## Notes:

- > Weekday hours: Monday - Friday 08:00 - 17:30
- > Out of Hours: before 08:00 or after 17:30
- > 98% of UK mainland postcodes are covered under the Next Day delivery service
- > Standard delivery will normally be made by a single driver on an 18T rigid lorry equipped with tail lift and pump truck. Alternative sized vehicles may be utilised from time to time. If you face site restriction at your nominated delivery address and a vehicle other than an 18T rigid lorry is required, notification is needed two working days prior to delivery
- > Next day delivery is subject to postcode restrictions. Full details of delivery areas can be obtained from the business portal on my.daikin.co.uk (deliveries to Scotland, Offshore UK Islands, Northern Ireland and the ROI may be subject to 2 to 5 day delivery routes)
- > Time specific deliveries are +/- 30 minutes from the requested time
- > Hiab pricing (vehicle with lifting arm) is based on kerbside drop. Deliveries requiring further lifting capabilities (such as chillers/rooftops) or outside of normal hours (08:00 - 17:30) may incur additional charges. Prices can be requested at time of order
- > Two man deliveries can be requested for heavier items and deliveries above ground level
- > Delivery address, site contact name and number are required for every delivery
- > Our drivers are not permitted to make part delivery against a delivery note. Additional charges may apply for refused deliveries



# Goods Returns

## Daikin UK policy for acceptable returned goods

### Goods returns timescales

Daikin UK allows returned goods within the following timescales:

**Units and accessories:** 10 working days from date of invoice  
**Spare Parts:** 1 month from date of invoice

Within these timescales, Daikin may accept unwanted goods provided they are boxed in the original packaging, in perfect condition and have not been used.

### Arranging goods returns

To arrange the process of returning goods, please complete a Goods Returns Form available from the Sales and Orders section of [my.daikin.co.uk](http://my.daikin.co.uk) and fax or email:

**Fax:** 01932 879150 or **email:** [returns@daikin.co.uk](mailto:returns@daikin.co.uk)

### Conditions of returned goods

All returned items are subject to a minimum 20% restocking/administration charge with the following collection charges applied to the final credit:

Collected goods up to 15kg: **£15**  
Collected goods over 16kg: **£90**

All returned goods will be fully inspected by our technical engineers. If returned goods are in a non-satisfactory condition then Daikin reserves the right to decline the return or apply an increase to the restocking charge.

### Damaged items

Daikin will only accept claims for damages when the goods have been signed for as damaged on the delivery note and you have notified Daikin Returns Team within three working days of delivery. If you identify damage at point of delivery, you are entitled to refuse the delivery and contact us to arrange for a new unit to be sent out.

If you only notice hidden damage after unpacking the units, claims must be reported within three working days from the delivery date to Daikin Returns Team along with photographs of the damage.

### What happens next

Once the Goods Return Form is received, an email will be sent to the confirmation email address provided notifying you of the goods for collection and a date for this to be carried out. If you have any queries regarding this date please respond to the email address provided as soon as possible.

Once inspected and confirmation is received that the goods are in perfect condition, a credit will be raised against the original invoice.

\*Please note returns for chillers and made to order units will not be accepted\*

### Goods covered by warranty

Once a unit has been installed and commissioned, any faults or breakdowns that occur should be reported to our warranty department on:

**Telephone:** 01932 879275 or **email:** [warranty@daikin.co.uk](mailto:warranty@daikin.co.uk)





# Post-sales & service support

## Technical helpdesk

The Daikin UK technical helpdesk offers an invaluable service, providing technical support and guidance when you are experiencing on-site problems when commissioning or diagnosing faults.

Your call will be answered by one of Daikin UK's fully trained engineers.

To help provide a quick and efficient response please make sure you have the full model number of the unit to hand.



**For support with  
Daikin Altherma systems,  
please contact:**

Tel 01932 879277  
For the latest opening hours please refer to our 'contact us' page  
at [daikin.co.uk](http://daikin.co.uk)

**For support with  
Gas boilers systems,  
please contact:**

Tel 03456 460430  
Mon - Fri 8.00 - 17.30 & Sat 09.00 - 16.00  
Mon - Fri 10.00 - 14.00 (with exclusion of Christmas Day)

## Daikin Service Tools

### DChecker (part no. 999495P)

The DChecker is a service tool used to capture operational data from the following equipment, Split-Multisplit, Sky-Air & Altherma products. This will record and graph all sensor data, PCB inputs & outputs from indoor and outdoor units. From the operational data this will help to identify any operational issue.

Please note the DChecker is a USB interface which provides a direct wired link to the main PCBs and enables real-time data to be viewed on a laptop running windows. Software included.



# Daikin Service App

The Daikin Service App has been developed with service engineers in mind to offer support whilst working on Daikin VRV, Split & Sky Air and Altherma equipment.



The Service App covers various functions to help field engineers to fault find on Daikin equipment.

## The Daikin Service App functions include:

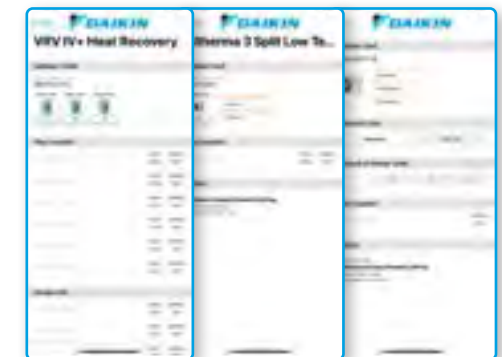
- › Replacement PCB dip switch settings
- › Pressure transducer and temperature thermistor checks
- › Mobile version of Spare Parts Bank

## Outdoor field setting functions include:

- › Fan coil and BS box count
- › Refrigerant recovery mode
- › VRV III and IV short wiring and piping test
- › VRV emergency modes
- › VRV diagnosis modes

## Indoor field settings include:

- › BRC setting codes
- › Altherma dip switch settings
- › Altherma controller settings
- › Split & Sky Air fault code recovery



Plus much more...

# Service, On-Site Support and Maintenance

## Commissioning and service support

Daikin UK offers free installation and commissioning support for your first heat pump order.

The aim of this support is to guide new installers during your first installation, so we can find any basic errors and provide advice. Our engineers are there to help and support you during the first steps in heat pump installation.

The installation and commissioning support visit should be arranged before installation starts. Our Service Engineer will visit your installation twice:

- (a) during installation, and
- (b) at commissioning stage.

During the installation, the Service Engineer will join you and go through a basic checklist while you carry out the installation work. On the second visit, they will then help you to commission the system, using the Selection Report for the system design.

To accept this offer and arrange the visits, please follow the following steps:

1. Accept the '**Installation and Commissioning Service Support**' which will be added to your first three quotations.
2. We will then email you details of your Regional Service Team and the **Site Details Form** together with your order confirmation.
3. Contact your Regional Service Team by returning the **Site Details Form** at least five working days before you start the installation.
4. The Regional Service Team will then contact you and confirm the details for the first visit.

If you require ongoing **Commissioning Support** for future or more complex installations, you can also request this as an additional paid service, at a reduced rate.

You can either pay for this when you order the equipment, or later by contacting the Service Team directly with details of the project and system.

Please contact the Service Helpdesk for more information, and allow five working days to book any site support.

## Service support on-site

We can provide service engineers to assist you with on-site commissioning or service support. All work is documented in a report and sent for your records. So that we can give you the best service possible, it is important to ensure that you are in attendance at that time.



## Annual Maintenance Packages for Daikin Altherma and Hybrid systems

Daikin UK offers homeowners the following maintenance packages for Daikin Altherma and Hybrid systems.

### Altherma

	Package	Bronze	Silver	Gold	Platinum	
Annual maintenance package	Annual price ex. VAT for products under warranty	£121.67	£211.67	£232.50*	£295.83*	* Gold & Platinum price for products under warranty can be fixed for up to 10 years
	Monthly price ex. VAT for products under warranty	N/A	N/A	£19.17*	£25.00*	
	Annual price ex. VAT for products not under warranty	£121.67	£211.67	£317.50	£423.33	
	Monthly price ex. VAT for products not under warranty	N/A	N/A	£26.67	£35.00	
Daikin System	Annual maintenance service	Included	Included	Included	Included	** Free of Charge for products under warranty
	Call-outs	Chargeable**	Included	Included	Included	
	All parts & labour	Chargeable**	Chargeable	Included	Included	
Non-Daikin parts	Call-outs	Chargeable	1 free of charge visit included	2 free of charge visits included	2 free of charge visits included	*** Chargeable at 50% discount for products not under warranty
	Parts & labour for repair	Chargeable	Chargeable	Chargeable	Included for products under warranty***	

### Hybrid

	Package	Bronze	Gold	Platinum	
Annual maintenance package	Annual price ex. VAT for products under warranty	£200.83	£295.83*	£360.00*	* Gold & Platinum price for products under warranty can be fixed for up to 10 years
	Monthly price ex. VAT for products under warranty	N/A	£25.00*	£30.00*	
	Annual price ex. VAT for products not under warranty	£200.83	£396.67	£502.50	
	Monthly price ex. VAT for products not under warranty	N/A	£33.33	£41.67	
Daikin System	Annual maintenance service	Included	Included	Included	** Free of Charge for products under warranty
	Call-outs	Chargeable**	Included	Included	
	All parts & labour	Chargeable**	Included	Included	
Non-Daikin parts	Call-outs	Chargeable	2 free of charge visits included	2 free of charge visits included	*** Chargeable at 50% discount for products not under warranty
	Parts & labour for repair	Chargeable	Chargeable	Included for products under warranty***	



**For service support**, please contact the Regional Service Centre closest to the site where your equipment is installed:

#### London and Eastern Region Service Centre

Phone number	Operating Hours	Email address
01932 879274	Mon - Fri: 09.00 to 17.00	weybridgeservice@daikin.co.uk

#### Western and Midlands Region Service Centre

Phone number	Operating Hours	Email address
01932 879278	Mon - Fri: 09.00 to 17.00	bristol@daikin.co.uk

#### Northern England and North Wales Region Service Centre

Phone number	Operating Hours	Email address
01932 879284	Mon - Fri: 09.00 to 17.00	manchesterservice@daikin.co.uk

#### Scotland and Northern Ireland Region Service Centre

Phone number	Operating Hours	Email address
01932 879279	Mon - Fri: 09.00 to 17.00	glasgow@daikin.co.uk

**For more information on these packages, please contact the Daikin Heating Contact Centre:**

Tel 01932 879271

Also available on Stand By Me, see page ix for more details.

# Spare Parts

Available to order online 24 hours a day



If a component fails, Daikin has 22,000+ spare parts based in the UK. In addition, our European parts centre holds over 700,000 parts. This helps us to achieve our target of delivering 97% of critical A parts within two days.

The Spares department is available to help you Monday to Friday 8.30am to 5.30pm.

#### To contact the Spares team directly

Tel 01932 879230

Email [spares@daikin.co.uk](mailto:spares@daikin.co.uk)

If you hold a direct account with Daikin UK, you can send and view your spare parts orders online using our Spare Parts Bank.

The Spare Parts Bank is available 24 hours a day, 365 days a year and enables you to select, quote and order your parts online at any time of the day.

You can access spare part codes and drawings and email your spare part order to us, all from within the Spare Parts Bank.

There are no delivery charges on any orders received via the Spare Parts Bank. So order your spares the easy way online at [www.daikin.co.uk/spares](http://www.daikin.co.uk/spares)

A mobile version of the Spare Parts Bank is also available via the Daikin Service App. More information can be found on page 113.

#### Register for spare parts bank

If you require a user name and password please email [spares@daikin.co.uk](mailto:spares@daikin.co.uk) quoting your company name, Daikin account number, company address, contact phone number and email address.

\*Final price and availability is subject to written confirmation from DAUK.\*

For FREE delivery on all spare parts, use the Spare Parts Bank at [www.daikin.co.uk/spares](http://www.daikin.co.uk/spares)

# Warranty

## Extended end user warranty available

In the unlikely event that a heat pump fails, then Daikin will fix the system at no cost to the householder, if it is covered by our end user warranty.

Daikin Altherma systems come with an extended end user warranty, as long as they are registered by the installer on Stand By Me (see page xii) within 12 months of commissioning. If the system is not registered on Stand By Me within this time, the homeowner will only receive the standard 1 year warranty.

For full Terms and Conditions of the warranty policy please go to [standbyme.daikin.co.uk/en](http://standbyme.daikin.co.uk/en)

### Warranty options from 1-7 years

Sustainable Home Network customers can benefit from extended end-user warranties when the system is registered on Stand By Me.

If your heat pump has been installed by a Sustainable Home Installer, the customer can choose to extend their hybrid or heat pump warranty for free to 3 years.

And if it has been installed by a Sustainable Home Expert, they can choose to extend their warranty for free to 5 years. Further warranty extensions are available on selected products.

Once the warranty is registered your warranty, the customer is eligible for exclusive parts and labour and ongoing support from Daikin experts. So they can enjoy ongoing peace of mind for their entire family.

### Registering warranties

Once the system has been successfully installed, please complete the commissioning details on Stand By Me (see page xii) so that your householder can benefit from our end user equipment warranty.

### Warranty support

In the event of a fault, it is important to first identify the issue before making a Warranty Claim.

To diagnose an equipment fault, the householder may contact any of the following to identify the reasons for the fault:

- › The original installer
- › A Daikin-trained installer
- › Daikin UK

If the householder would like us to visit and the identify reasons for the fault, we will charge for any reasonable costs incurred where no fault is found with the product.

All visits by Daikin UK that are related to the in stallation or external system faults will be charged to the householder. For these reasons, the original installer may first wish to visit and verify the possible reasons for the fault to ensure that there are no system related faults.

To arrange the warranty visit, the householder should contact us with full details of the fault including the serial number. Please note that the householder will be responsible for any costs if we need to arrange any special equipment to access the installation, e.g. wall mounted outdoor units, or indoor units installed in lofts.



\* Except Daikin Altherma Flex Type

Heating Contact Centre

01932 879271

Monday to Friday 8am to 5pm





# Terms and Conditions

**Daikin Airconditioning UK Ltd** is a leading supplier of cooling, heating, ventilation and refrigeration solutions for commercial, residential and industrial applications.

The prices shown within this trade price book are for use by qualified installers who agree that:

- 1 Any equipment purchased is installed by suitably qualified engineers and to the standards expected by Daikin all in accordance with Daikin installation instructions.
- 2 The purchasing installer is able to maintain, troubleshoot and carry out warranty repairs in accordance with the Daikin Airconditioning UK Ltd warranty policy.

All prices shown within this price book are £0.00 net exclusive of VAT and are subject to our standard terms and conditions which can be found at the back of this price book, and can also be accessed from our website.

Specifications are subject to change without prior notice.

## 1. Definitions

"Seller" means Daikin Airconditioning UK Limited, registered in England and Wales with company number 04616794 trading as Daikin Airconditioning UK Ltd, and shall be construed where applicable to include all employees, agents and subcontractors of that company;

"Buyer" means the person, partnership or company purchasing the Goods from the Seller;

"Goods" means the plant, machinery, materials, items and labour to be supplied by the Seller subject to this Conditions; and

"Site" means such place to which the Buyer shall request the Seller to make delivery.

## 2. Governing Conditions

**2.1** All orders, however made, are accepted only upon these Conditions which shall override any terms or conditions incorporated or referred to by the Buyer in writing, orally or otherwise. No variation of these Conditions shall be incorporated into the contract between the Seller and the Buyer unless expressly accepted in writing by a director of the Seller.

**2.2** No failure by the Seller to object to any terms or conditions incorporated or referred to by the Buyer in writing, orally or otherwise shall be deemed a waiver of these Conditions or an acceptance of the Buyer's terms and conditions.

**2.3** The Buyer acknowledges that these Conditions together with the express terms of the contract constitute and form the entire terms of this contract to the exclusion of any antecedent statement or representation whether oral, written or implied or whether contained in any advertisement particulars or other matters issued or in any correspondence entered into by the Seller. The Buyer further acknowledges that it has not entered into this contract in reliance upon any such statement or representation, other than the written specifications given by the Seller.

## 3. Placing Orders

**3.1** Placing an order presumes knowledge and acceptance of these Conditions. Upon placing an order the Buyer shall receive an acknowledgement of the order in writing and/or through the online order system designated by Seller, if any; which does not constitute a binding contract until the Seller accepts the Buyer's order by written confirmation and/or through such online system, as the case may be.

**3.2** The Seller reserves the right to reject cancellation by the Buyer of an accepted order or any portion thereof. Cancellation of an accepted order needs to be approved in writing or through the online system designated by Seller, as the case may be by the Seller and the Buyer may be charged cancellation charges. Goods already delivered cannot be returned or exchanged and will be invoiced.

**3.3** Changes to an accepted order shall be treated as a separate order, unless otherwise agreed in writing by the Seller. If any changes are made to an original order, the price, discount on or delivery date of that order are subject to change.

**3.4** The Seller has a policy of continuous technical improvement and accordingly reserves the right to make minor modifications to the technical specification and design of the Goods. Catalogues and similar publications are only sent by way of information and any technical information provided is an approximate guide. The Seller has no liability for any deviations from or mistakes in such information or for any errors of interpretation.

## 4. Price and Payment

**4.1** The Seller's quotation, unless previously withdrawn or revised in writing or through the online system designated by Seller, as the case may be, is valid until the end of the financial year (31st March) (after which time it shall automatically expire) and is subject to the Seller's acceptance of the Buyer's order. The Seller reserves the right to amend their prices during the financial year and any such changes will mean previous quotations (prior to the price change) are only valid for 30 days, from the date of the quotation.

**4.2** The Seller's quotation includes only such goods, accessories and work as are specified thereon and (without limitation to the foregoing) does not include the cost of lighting, power, heat and water required and/or used during the installation and testing of the Goods at the Site, or any insurance or overtime working by the Seller.

**4.3** The price quoted for the Goods is based on the cost to the Seller at the date of quotation of materials, labour, transport and all other expenses and of conforming to any statutory regulations. The Seller reserves the right to vary the quoted price to take account of any variation (including variations caused by alterations in rates of exchange) in the aforesaid costs between the date of the quotation and the date of actual physical delivery of the Goods.

**4.4** All amounts stated in these Conditions to be payable by the Buyer are exclusive of Value Added Tax or any similar tax properly chargeable in respect of supplies under these Conditions and any other tax or duty and Buyer will pay all such Value Added Tax and other applicable taxes together with those amounts.

**4.5** Each payment made by the Buyer must be calculated and made without, and free and clear of any deduction for set-off or counterclaim and any withholding for or on account of any tax or any other deduction, unless required by law, in which case the Buyer shall ensure that the withholding or deduction does not exceed the minimum amount required by law and shall increase the amount payable by it so that the net amount received and retained by the Seller will equal the full amount which Seller would have received and retained if no withholding or deduction had been made.

**4.6** Unless otherwise agreed in writing, the Buyer shall pay the invoice amount of the Goods and any other costs, charges or expenses provided for by these Conditions including Value Added Tax at the then current rate within 30 days from the date of the Seller's invoice in immediately available funds, but the Seller reserves the right to require payment before delivery or installation.

**4.7** Time for payment shall be of the essence of the contract. Any invoice not paid in accordance with the foregoing shall be liable to interest on the unpaid amount thereof at the rate of 3% per annum above the base rate from time to time of Barclays Bank plc calculated on a day to day basis.

## 5. Delivery

**5.1** Failure by the Seller to make delivery on any particular date shall not entitle the Buyer either to cancel the order or the delivery or to repudiate this contract or to claim for any expenses, loss of profit, or any other consequential loss or damage whatsoever.

**5.2** If the contract provides for the Seller to deliver the Goods, delivery shall be deemed to take place when the Goods arrive at the agreed destination or are ready for despatch by the Seller to the order of the Buyer and such despatch shall have been delayed by the Buyer, whichever is the sooner.

**5.3** The Buyer undertakes that the Site will at all times be safe for the Seller and its vehicles carrying out delivery. The Buyer is responsible, at its own cost, for the provision of such labour and apparatus as is necessary for the offloading and positioning of the Goods on Site and shall give the Seller every assistance in effecting delivery.

**5.4** If the contract provides for the Goods to be collected by or on behalf of the Buyer, the Seller shall give the Buyer reasonable notice in writing and/or orally of when and where Goods will be ready for collection. Delivery shall be deemed to take place upon the date and at the place so notified whether or not the Goods are so collected.

**5.5** The Seller may deliver the Goods in instalments and each such instalment shall be deemed to be the subject of a separate contract and no damage, non-delivery or shortage in relation to any such instalment shall entitle the Buyer to any remedies in relation to any other instalment or contract. If payment of any instalment is not made in accordance with clause 4, the Buyer shall be liable to the Seller for any costs incurred in connection with manufactured or partly manufactured Goods acquired by the Seller for the Buyer, in addition to the other rights and remedies available to the Seller.

## **6. Risk**

**6.1** Risk shall pass to the Buyer on delivery of the Goods.

**6.2** If delivery does not take place as a result of any act or omission of the Buyer or if the Buyer fails to collect the Goods as set out in clause 5, then delivery shall be deemed to have taken place and risk shall pass to the Buyer, who shall indemnify the Seller in full against any expense, cost or loss incurred by the Seller including, without limitation, storage and transport costs.

**6.3** The Buyer shall examine any Goods delivered upon delivery. If the Goods or any part thereof are received in a damaged condition or are not received, the Seller will accept no responsibility for such damage and or loss unless the Buyer advises the Seller in writing of the damage or loss within 3 working days from the earlier date of actual physical delivery of the Goods or the date of installation of the Goods (save where the damage is a latent defect in the Goods in which case clause 17 shall apply). The Buyer must then afford the Seller reasonable opportunity to inspect any damage or verify any loss and shall immediately return the damaged Goods to Seller.

**6.4** The Seller's sole responsibility upon any damage or loss is to repair or replace the Goods which prove to be lost or defective (or at the Seller's option the defective part(s)), as soon as is reasonably practicable, provided that they are returned to the Seller by the Buyer. Whether the remedy is repair or replacement shall be at the option of the Seller and such repair or replacement shall be free of charge. Subject to the provisions of clause 17 the Seller shall have no further liability to the Buyer.

**6.5** If the Buyer shall fail to comply with clause 6.3, the Goods shall be deemed to be in accordance with the contract and the Buyer shall be bound to accept delivery and shall make payment without any deduction in accordance with these Conditions.

**6.6** The Seller will not be liable for any claims resulting from loss or damage to the Goods occurring after delivery.

## **7. Force Majeure**

**7.1** If the Seller is prevented from performing the contract by any cause beyond its reasonable control, however arising, then it may by written notice to the Buyer determine the contract.

**7.2** In such event, the Buyer shall pay to the Seller all reasonable costs incurred by the Seller at the date of such notice in relation to its partial and or attempted performance of its obligations hereunder but, subject thereto, neither the Seller nor the Buyer shall be under any liability whatsoever to the other in connection with the contract.

## **8. Shortages**

If the Seller is unable, for any reason, to supply the total demand for Goods of the contract description, the Seller may allocate its available supply of such Goods among any and all Buyers on such basis as the Seller may deem fair and practical without liability for any failure of performance which may result. The Buyer shall not be entitled to reject such Goods for short delivery.

## **9. Works and Specification**

**9.1** Where existing equipment is to be used in connection with the Goods, the Buyer shall be fully and solely responsible for it.

**9.2** Any adaptation of the standard specification of the Goods shall be made upon the full and sole liability of the Buyer. Where the standard specification of the Goods is adapted, whether by the Seller at the request of the Buyer, or by the Buyer itself, the Buyer agrees to indemnify (and shall keep so indemnified) the Seller in full against any claim resulting from any such variation (whether or not arising out of the negligence of the Seller, its servants, agents or subcontractors). In the event of any adaptation made by the Seller upon request of the Buyer, the Buyer shall make such payment in respect thereof as the Seller may reasonably demand.

**9.3** The Buyer shall be responsible for ensuring that the Goods are sufficient and suitable for the Buyer's purposes (whether such Goods have been adapted from their standard specification or not) and the Seller shall have no liability to the Buyer in the event that the Goods are not sufficient and suitable for the Buyer's purposes.

**9.4** Unless otherwise expressly agreed in writing, the Seller shall not be responsible for any errors, omissions or defects in any goods, equipment, machines, parts, drawings, designs, specifications, test results, reports or other information supplied to the Seller by the Buyer or the Buyer's employees, agents, sub-contractors or representatives and the Buyer agrees to indemnify and keep indemnified the Seller against all claims and liabilities incurred by the Seller resulting from such errors, omissions or defects.

## **10. Installation**

It is the responsibility of the Buyer to install and commission the Goods and to ensure its employees, agents and subcontractors or any other persons used by the Buyer to install and commission the Goods are fully trained to do so and that the terms of any instructions or manuals provided with the Goods are followed.

## **11. Health and Safety**

The Buyer shall ensure that all Goods shall be used strictly in accordance with any relevant information, instructions or advice which the Seller or the manufacturer of the Goods may make available with or in connection with the Goods.

## **12. Environmental**

**12.1** The Buyer shall be responsible for all costs, charges, and expenses arising from or in connection with the decommissioning, recovery, recycling, and disposal of all or part of the Goods and shall not seek to recover such expenses or contribution from the Seller.

**12.2** The Buyer is responsible for obtaining and complying with all relevant licenses, permissions, permits and consents from appropriate regulatory bodies and for complying with any other lawful authority in connection with the storage, installation, operation, use, maintenance, repair, transportation, decommissioning, recovery and eventual disposal of the Goods.

**12.3** Where the Buyer sells all or part of the Goods to another party, the Buyer shall enter into a similar covenant with that party.

## **13. Retention of Title**

**13.1** Risk of damage to or loss of the goods shall remain with the supplier until delivery to the buyer.

**13.2** Until such time as the buyer has paid for all goods and/or services subject of this contract and, furthermore, the buyer has paid for all other goods and/or services supplied by the supplier to the buyer under any other contract:

(a) the property in the respective goods supplied by the supplier will remain vested in the supplier;

(b) the buyer must store the respective goods so that they are clearly identifiable as the supplier's property;

(c) the buyer must insure the respective goods against the risks for which a prudent owner would insure them, and hold the policy on trust for the supplier;

**13.3** The buyer must inform the supplier, in writing, immediately if it becomes insolvent.

**13.4** If the buyer's right to use and sell the goods ends the buyer must allow the supplier to remove the goods.

**13.5** The supplier has the buyer's permission to enter the buyer's premises where the goods are stored:

(a) on reasonable written notice, to inspect them; and

(b) after the Customer's right to use and sell the respective Goods has ended, to remove them, using reasonable force if necessary.

## **14. Intellectual Property Rights**

**14.1** The Buyer shall have no rights to any intellectual property owned by or licensed to the Seller. The Buyer shall not allow any trademark or instruction or warning applied to the Goods to be obliterated or obscured.

**14.2** All designs, samples, models, experimental equipment, marketing devices, accessories and other items relating to the Goods or their development or creation shall remain the Seller's property, shall be treated as confidential and shall not be copied, reproduced or disclosed to any person without the Seller's prior written consent.

## **15. Confidentiality**

**15.1** All information and/or advice, whether written or oral, whether in relation to the Goods or to the business of Seller, given by the Seller to the Buyer, shall not be disclosed to any third party without the prior written consent of the Seller, save to the extent that such information and/or advice is in the public domain otherwise than by virtue of a breach of this condition or that the disclosure is required by law.

**15.2** The Buyer shall promptly give notice to the Seller of any disclosure required by law and the Seller may seek an appropriate remedy to prevent such disclosure. The Buyer undertakes to fully co-operate with the Seller (at the Buyer's expense) if the Seller rejects the validity of such a requirement.

## **16. Early Termination**

**16.1** This clause applies if:

(a) the Buyer makes any voluntary arrangement with its creditors or becomes subject to an administration order or (being an individual or firm) becomes bankrupt or (being a company) goes into liquidation (otherwise than bona fide for the purposes of amalgamation or reconstruction); or

(b) an encumbrancer takes possession, or a receiver is appointed, of any of the property or assets of the Buyer; or

- (c) the Buyer ceases, or threatens to cease, to carry on business; or
- (d) any event analogous to any of the foregoing occurs in any jurisdiction in relation to the Buyer; or
- (e) the Buyer commits any default or breach of the terms of this contract or of any of its obligations to the Seller including, without limitation, failure to make payment when due; or
- (f) the Seller reasonably apprehends that any of the events mentioned above is about to occur in relation to the Buyer and notifies the Buyer accordingly.

**16.2** If this clause applies then, without prejudice to any other right or remedy available to the Seller, the Seller shall be entitled to cancel any contract made pursuant to these Conditions or suspend any further deliveries of the Goods without any liability on its part, and if the Goods have been delivered but not paid for, the price shall become immediately due and payable notwithstanding any previous agreement or arrangement to the contrary.

### 17. Warranties and Liability

**17.1** Subject to clause 17.3 and unless otherwise agreed in writing, the Goods are guaranteed under manufacturers' warranty for a period of 1 year upon delivery. This warranty is limited to the repair or replacement of the parts found defective. Unless otherwise agreed in writing, the Seller shall not be liable for repayment of replacement costs nor for any incidental, consequential or special damages.

**17.2** To claim under the warranty, the Buyer shall submit to the Seller adequate proof that the Goods are defective, as required by the Seller. Unless otherwise agreed in writing, claims with regard to the Goods will only be accepted if they are notified within 12 months after delivery of the Goods.

**17.3** This warranty is given on condition that the maintenance of the Goods has been carried out in accordance with the manufacturers' instructions by an authorised Daikin dealer/installer/maintenance company.

**17.4** The warranty referred to in clause 17.1 does not apply if:

- (a) the Goods have been modified by the Buyer;
- (b) the Goods have been incorrectly installed by the Buyer;
- (c) defects in the Goods have been caused by the act, neglect, omission or default of the Buyer or any third party, fair wear and tear or abnormal working conditions;
- (d) any remedial work in respect of the Goods has been carried out by third parties instructed by the Buyer without the prior written approval of the Seller including, but not limited to, servicing, alteration and repair of the Goods;
- (e) if the Seller's installation and operation instructions (if any) and any instructions issued by the manufacturer, are not followed.

**17.5** The Seller only acts in its capacity as seller and not as an installer or consultant and the Seller is not responsible for advice given by its representatives concerning the installation of the Goods, save in relation to all or any part of the Goods which the Seller has installed with the written agreement of an authorised representative of the Seller (excluding any agent or subcontractor of the Seller) to the installation and to the terms of such installation for claims.

**17.6** Save for liability for death or personal injury due to the negligence of the Seller and liability under the Consumer Protection Act 1987, the Seller shall not be liable to the Buyer:

- (a) for any damage to persons or property, however arising;
- (b) for defects, in or in any way connected with the Goods, caused by the act, neglect, omission or default of the Buyer or any third party, fair wear and tear or abnormal working conditions;

(c) for any remedial work in respect of the Goods, carried out by third parties instructed by the Buyer without the prior written approval of the Seller including, but not limited to, servicing, alteration and repair of the Goods;

(d) for claims if the Seller's installation and operation instructions (if any) and any instructions issued by the manufacturer, are not followed. The Seller reserves the right to charge for remedial works in these circumstances;

(e) possible defects in manufacturing the Goods or the conception of the raw materials used;

(f) for any other defects in the Goods not falling within paragraphs (a) to (e) of this clause, unless notified to the Seller by the earlier of 14 days of delivery of the Goods or installation of the Goods or occurrence of a malfunction by a latent defect; and

(g) for any special, indirect, consequential or economic loss (howsoever arising) including, but not limited to, loss of profit, loss of production, loss of business.

**17.7** Save for liability for death or personal injury due to the negligence of the Seller and liability under the Consumer Protection Act 1987, the Seller's aggregate liability to the Buyer in respect of any occurrence or series of occurrences attributable to the same cause, whether for negligence, breach of contract, misrepresentation or otherwise, shall in no circumstances exceed the price paid by the Buyer to the Seller in respect of the Goods in question.

**17.8** The Seller's prices are determined on the basis of the limits of liability set out in this clause 17. The Buyer may by written notice to the Seller request the Seller to agree a higher limit of liability provided insurance cover can be obtained therefor. The premiums in respect of insurance up to such higher limit will be for the account of the Buyer.

**17.9** Subject as expressly provided in these Conditions, all warranties, conditions or other terms implied by statute, common law, custom of the trade, course of dealing or otherwise, including, for the avoidance of doubt, all warranties implied by the Sale of Goods Act 1979, are excluded to the fullest extent permitted by law.

**17.10** The Buyer's remedy in respect of any claim for which the Seller is liable in terms hereof shall be limited to, at the sole option of the Seller, repair or replacement of the item in question or refund of the purchase price (if paid).

**17.11** The Buyer shall not be entitled to exercise a right of retention, or withhold payment of any amount payable under the contract to the Seller because of any disputed claim of the Buyer in respect of the Goods or any other alleged breach of the contract, or to set-off any amount payable under the contract to the Seller against any monies not then presently payable by the Seller or for which the Seller disputes liability, or to return Goods to the Seller unless authorised in writing by a director of the Seller.

**17.12** The Seller shall not be liable to the Buyer (including, but without limitation, in negligence) or be deemed to be in breach of contract by reason of any delay in performing, or any failure to perform, any of the Seller's obligations in relation to the Goods, if the delay or failure was due to any cause beyond the Seller's reasonable control.

**17.13** The Buyer shall indemnify the Seller against all claims (including the cost of any legal proceedings) for the death of or injury to any person or for the damage to or loss of any property made by any person against the Seller either under any statute or at common law which may arise out of or be in any way connected with the execution of the contracted works or the installation, operation or use of the Goods except where the same is due to the negligence, omission or default of the Seller.

### 18. Personal Data

Daikin UK processes personal data in accordance with the Daikin Europe data protection policy which you can find at [https://www.daikin.co.uk/en\\_gb/data-protection-policy.html](https://www.daikin.co.uk/en_gb/data-protection-policy.html)

### 19. General

**19.1** The invalidity or unenforceability for any reason of any terms of these Conditions shall not prejudice or affect the validity or enforceability of the remainder.

**19.2** The Buyer shall not be entitled, without the prior consent in writing of the Seller, to assign its rights under the contract.

**19.3** Any notice required or permitted to be given under these Conditions shall be in writing and shall be sent by recorded delivery addressed to that other party at its registered office or principal place of business or such other address as may at the relevant time have been notified pursuant to this provision to the party giving notice. In proving service it shall be sufficient to prove that the notice was properly addressed and posted.

**19.4** No waiver by the Seller of any of the terms of these Conditions shall release the Buyer from full performance of the remaining terms, and no waiver by the Seller of any breach of the terms of these Conditions shall be a waiver of any subsequent breach of the same or any other term of this Conditions. No failure to exercise, nor delay or omission by the Seller in exercising, any right, power or remedy conferred on it under these Conditions or provided by law shall except with the express written consent of that party affect that right, power or remedy; or operate as a waiver of it.

**19.5** If any order is made by two or more Buyers jointly, the obligations of those Buyers under the contract shall be joint and several.

**19.6** This Contract shall be governed by and construed in accordance with the laws of England and any dispute shall be referred to the exclusive jurisdiction of the English Courts.

**19.7** The Seller and the Buyer do not intend that any provision of these Conditions shall be enforceable by virtue of the Contract (Rights of Third Parties) Act 1999 by any person who is not a party to the contract.

**19.8** We reserve the right, at our sole discretion, to change, modify or otherwise alter these terms and conditions at any time. Such modifications shall become effective immediately.







[daikin.co.uk](http://daikin.co.uk)

National Heating installer Hub: 01932 879070

Heating Services Contact Centre: 01932 879271

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