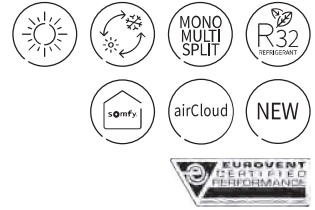


# Multi-split

## Summit outdoor units



Outdoor units	Unit	RAM-40NE2F	RAM-53NE2F	RAM-53NE3F
Number of connectible units (min-max)	-	2 / 2		2 / 3
Nominal cooling capacity (min-max)	kW	4.0 (1.5-4.4)	5.3 (1.5-6.0)	
Nominal heating capacity (min-max)	kW	5.1 (1.5-5.5)	6.3 (1.5-6.6)	
Heating capacity at -7°C <sup>(1)</sup>	kW	3.5		4.3
Rated power input Cooling (min-max)	kW	1.026 (0.25-1.27)	1.293 (0.35-1.71)	1.293 (0.35-2.16)
Rated power input Heating (min-max)	kW	1.243 (0.25-1.70)		1.615 (0.35-2.25)
EER/COP	-	3.90 / 4.10		4.10 / 3.90
SEER/SCOP (average climate)	-	8.25 / 4.30		8.10 / 4.10
Seasonal energy class (Cooling/Heating)	-	A++/A+		
Sound pressure in Cooling mode	dB(A)	49		50
Sound power	dB(A)	60		61
Airflow (Cooling/Heating)	m <sup>3</sup> /h	1620 / 1620		2160 / 2160
Dimensions (HxWxD)	mm	570 x 750 x 280		750 x 850 x 298
Net weight	kg	41	51	52
Power supply	-	220 - 230V		
Recommended fuse size	A	16		
Cable width (EN 60 335-1) <sup>(2)</sup>	mm <sup>2</sup>	2 x 2.5 +E		
Indoor/outdoor connection	mm <sup>2</sup>	3 x 1.5 +E		
Diameter of pipes (Liq/Gas)	inches	(1/4" x 2 / 3/8" x 2)		(1/4" x 3 / 3/8" x 3)
Initial refrigerant charge	kg	0.93	1.59	
Pre-charged for	m	35		
Min. length	m	3		
Max. length / additional charge	m/g/m	35/-		45/20
Max. level difference	m	10	20	
Working range in Cooling	°C	-10°C / 46°C		
Working range in Heating	°C	-15°C / 24°C		
Refrigerant	-	R32		
Compressor	-	Rotary		

<sup>(1)</sup> Data includes defrosting. To find out the data for your project, refer to our technical catalogues.

<sup>(2)</sup> Data shown is for indication purpose only. It is the installer's responsibility to ensure that these cable widths meet the needs of the facility and current standards.

# Multi-split

## Indoor units

### Summit wall unit



#### Compatible with the airCloud remote controller

In the app, you can turn the system on and off, turn the temperature up or down and program the system from anywhere in the world. All you need is a mobile phone, an Internet connection and Wi-Fi equipment (optional) to connect to the equipment.

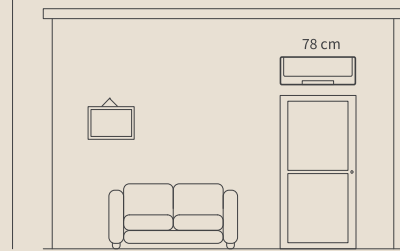
#### Maximum use of space

Thanks to its small size, you can install it discreetly. With a width of 780 mm, it will fit anywhere, including above a doorway. (Fig. 1)

#### Silent operation

With a low noise level of just 19dB\*, you can enjoy a comfortable environment without noticing that the indoor unit is even running.

Fig. 1



Indoor units	Unit	RAK-15QEF*	RAK-18REF	RAK-25REF	RAK-35REF	RAK-50REF
Nominal cooling capacity (min - max)	kW	1.50 (0.9 - 2.00)	1.80 (0.90 - 2.50)	2.50 (0.90 - 3.10)	3.50 (0.90 - 4.00)	5.00 (1.90 - 5.20)
Nominal heating capacity (min - max)	kW	2.00 (1.00 - 2.50)	2.50 (0.90 - 3.20)	3.40 (0.90 - 4.40)	4.20 (0.90 - 5.00)	6.00 (2.2 - 7.30)
Sound pressure in Cooling mode (EL / L / M / H) <sup>(1)</sup>	dB(A)	21 / 24 / 33 / 37		22 / 24 / 33 / 40	25 / 26 / 36 / 43	28 / 30 / 40 / 46
Sound pressure in Heating mode (EL / L / M / H) <sup>(1)</sup>	dB(A)	19 / 22 / 33 / 38		20 / 23 / 34 / 41	26 / 27 / 36 / 44	25 / 30 / 39 / 47
Sound power	dB(A)	52		54	57	60
Airflow in Cooling mode (EL / L / M / H)	m <sup>3</sup> /h	312 / 350 / 400 / 440		333 / 370 / 430 / 510	333 / 400 / 485 / 600	333 / 450 / 600 / 700
Dehumidification	l/h	1.2		1.4	1.6	2.0
Dimensions (H x W x D)	mm	280 x 780 x 215				
Diameter of pipes (Liq / Gas)	inches	1/4 - 3/8				1/4 - 1/2
Net weight	kg	7.5				8
Power supply	V	220 - 230V				
Cable width (EN 60 335-1) <sup>(2)</sup>	mm <sup>2</sup>	3 x 1.5 + E				3 x 2.5 + E
Remote control	-	Infrared RAR-7PE1 (included)				

<sup>(1)</sup> Sound pressure measurements were made 1 meter from the unit without obstructions (see the technical catalogue). \* Only available as a multi option

<sup>(2)</sup> Data shown is for indication purpose only. It is the installer's responsibility to ensure that these cable widths meet the needs of the facility and current standards.

## Controls and compatible accessories (see page 161)



#### Infrared remote control

Included  
RAR-7PE1



#### Wired standard remote control

SPX-RCDB1



#### Wired programmable remote control

SPX-WKT4



#### H-Link box

PSC-6RAD

#### Other\*:

- Control box for multi-indoor units SPX-DST1 + SPX-WDST8M
- airCloud Home for interface SPX-WFG02
- Hi-Box AHP-SMB-01
- Hi Kumo interface for Hi-Box SPX-TAG01
- Single dry contact kit SPX-WDC3
- Single fault report kit SPX-WDC7 + HA-S100TSA