600 x 600 4-way cassette unit

SYSTEM FREE · GENTLE COOL · 0.4 HP · POWER SWITCH · R410A REFRIGERANT · R32 REFRIGERANT · NEW

Installation time

The 600 x 600 cassette unit has a compact design and flush front panel to integrate perfectly into suspended ceilings (570 x 570mm casing). In addition, it is equipped as standard with a pump to remove condensation up to 850 mm.

Low noise level

With 4 fan speeds, this 600 x 600 cassette unit is one of the most silent on the market.

Energy-saving

The motion sensor (optional) automatically optimizes the level of comfort while limiting the energy consumption in rooms only occupied occasionally.
It continuously analyzes thermal disparities as well as the presence of people in the room, adjusting its setting temperature (+/- 2°C), fan speed, and airflow direction to suit.
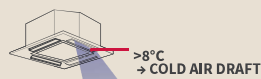
Unrivaled comfort

The GENTLE COOL function, accessible on the wired remote control PC-ARFP1E, adjusts the min. air off temperature. In summer, cold air drafts are avoided as you can set the air off temperature to the maximum setting.

Flexibility

Our 600 x 600 cassette units have an impressive range of 1.1 to 7kW, offering flexibility like no other on the market.
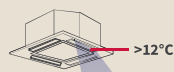You can also use the adjustable power settings to respond precisely to each project: 4 settings to choose from, with huge ranges in airflow.
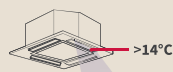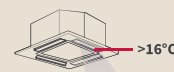
Potential for discomfort

GentleCool → No cold drafts

Ultimate comfort

>8°C → COLD AIR DRAFT

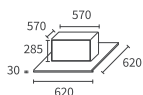>12°C

>14°C

>16°C

GentleCool: OFF

GentleCool: LOW

GentleCool: MEDIUM

GentleCool: HIGH

Min. Temp° control on the air off with the remote control PCARFP1E or the CSNET monitoring system

Indoor units

570
570
285
30
620
620

RCIM-0.4FSRE   RCIM-1.5FSRE
RCIM-0.6FSRE   RCIM-2.0FSRE
RCIM-0.8FSRE   RCIM-2.5FSRE
RCIM-1.0FSRE

600 x 600 4-way cassette

Indoor units	Unit	RCIM-0.4FSRE	RCIM-0.6FSRE	RCIM-0.8FSRE	RCIM-1.0FSRE	RCIM-1.5FSRE	RCIM-2.0FSRE	RCIM-2.5FSRE
Power (adjustable)	Hp	0.40	0.60	0.80	1	1.30 ← 1.50	1.80 ← 2.00	2.30 ← 2.50
Nominal Cooling capacity UTOPIA Prime & IVX	kW	not available		2.00	2.50	3.60	5.00	5.60
Nominal Heating capacity UTOPIA Prime & IVX	kW	not available		2.20	2.80	4.00	5.60	6.30
Nominal Cooling capacity SET FREE	kW	1.10	1.70	2.20	2.80	3.80 ← 4.00	5.20 ← 5.60	6.70 ← 7.10
Nominal Heating capacity SET FREE	kW	1.25	1.90	2.50	3.20	4.20 ← 4.80	5.60 ← 6.30	7.50 ← 8.50
Sound pressure in Cooling mode (EL/L/M/H)[1][3]	dB(A)	24.5 / 25 / 27 / 29	24.5 / 28 / 30 / 34	24.5 / 29 / 33 / 36	24.5 / 30 / 34 / 38	27.5 / 33 / 37 / 41	31 / 35 / 39 / 45	35 / 39 / 43 / 47
Sound power	dB(A)	43	47	50	51	54	56	60
Airflow in Cooling mode (EL/L/M/H)[4]	m³/h	360 / 414 / 468 / 510	360 / 450 / 510 / 600	360 / 480 / 570 / 660	360 / 510 / 600 / 720	420 / 570 / 660 / 780	480 / 600 / 720 / 900	600 / 720 / 840 / 960
Condensate pump	-	Yes						
Max. elevation	mm	850						
Diameter of pipes (Liq / Gas)	inches	1/4 - 1/2						3/8 - 5/8
Condensate outlet diameter (ext.)	mm	32						
Dimensions (H x W x D)	mm	285 x 570 x 570						
Fascia panel dimensions (H x W x D)	mm	30 x 620 x 620						
Weight of the unit + fascia panel	kg	16 + 2.50					17 + 2.50	
Power supply	-	1 ~ 230V 50Hz						
Cable width (EN 60 335-1) [2]	mm²	3 x 0.75						
Recommended fuse size	A	5						
Part number of the front panel	-	P-AP56NAM						

[1] Sound pressure is measured under the following conditions: 1.50 m below the unit.
[2] Data shown is for indication purposes only. It is the installer's responsibility to ensure that these cable widths meet the needs of the facility and current standards.
[3] High-speed access is possible with remote controls PC-ARFP1E and PC-ARH1E.
[4] Very low speed is available in Thermo-off mode.

> **You can have multiple contacts with the connector PCC-1A:** progress report, error report, thermostat control, remote "Start/Stop".

Controls and compatible accessories (see the tab VRF TWIN Controls)

Simple wired controller
PC-ARH1E

Infrared controller
PC-AWR

Hard wired control
PC-ARFP1E
(PC-ARFG-E available in 2022)

Remote sensor
THM-R2AE

Infrared receiver
PC-ALHC1 (integrated) / PC-ALHZ1 (external)

Multi-tenant card
PC-AMTB

Motion sensor
SOR-NEC

Connectors
PCC-1A

Fresh air kit
PD-75C