800 x 800 4-way cassette unit

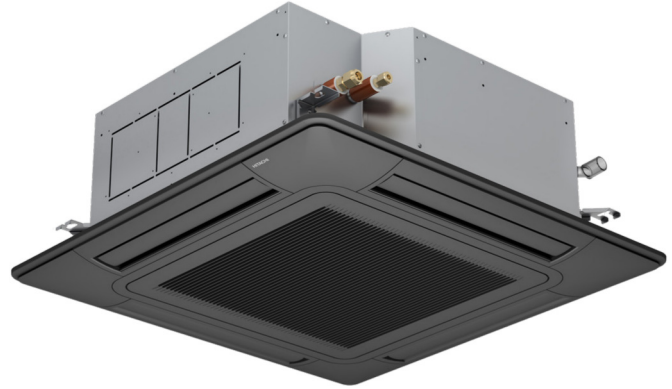SYSTEM FREE · GENTLE COOL · POWER SWITCH

R410A COOLANT · R32 REFRIGERANT · NEW

Standard White front panel

Standard Black front panel

Installation time

The 800 x 800 cassette unit fits perfectly into suspended ceilings thanks to its low recess height (248 mm) as well as in high ceilings with a possible installation of up to 4.20 m, depending on the model. In addition, it is equipped as standard with a pump to remove condensation up to 850 mm.

Unrivaled comfort

The GENTLE COOL fan temperature setting, accessible on the wired remote control PC-ARF1E, adjusts the min. fan blower temperature.

In summer, cooling air currents are avoided as you can set the fan blower temperature to the minimum setting.

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.
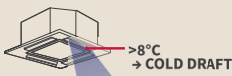
Flexibility

Our 800 x 800 cassette units have an impressive range of 2.8 to 16 kW, 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.
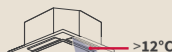
Potential for discomfort

GentleCool → **No cold drafts**

Ultimate comfort

>8°C → COLD DRAFT

>12°C

>14°C

>16°C

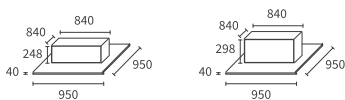**GentleCool: STOP**

GentleCool: WEAK

GentleCool: AVERAGE

GentleCool: STRONG

Min. Temp° control on the fan blower with the remote control PC-ARF1E or the CSNET monitoring system

Indoor units

840 / 840 / 248 / 40 / 950 / 950

RCI-1.0FSR
RCI-1.5FSR
RCI-2.0FSR
RCI-2.5FSR

840 / 840 / 298 / 40 / 950 / 950

RCI-3.0FSR
RCI-4.0FSR
RCI-5.0FSR
RCI-6.0FSR

800 x 800 4-way cassette

Indoor units	Unit	RCI-1.0FSR	RCI-1.5FSR	RCI-2.0FSR	RCI-2.5FSR	RCI-3.0FSR	RCI-4.0FSR	RCI-5.0FSR	RCI-6.0FSR
Power (adjustable)	Hp	1.00	1.30 ← 1.50	1.80 ← 2.00	2.30 ← 2.50	3.00	4.00	5.00	6.00
Rated power Cooling UTOPIA Prime & IVX	kW	2.50	3.60	5.00	5.60	7.10	11.20	14.00	16.00
Rated power Heating UTOPIA Prime & IVX	kW	2.80	4.00	5.60	6.30	8.00	12.50	16.00	18.00
Rated power Cooling SET FREE	kW	2.80	3.80 ← 4.00	5.20 ← 5.60	6.70 ← 7.10	8.00	11.2	14	16
Rated power Heating SET FREE	kW	3.20	4.20 ← 4.80	5.60 ← 6.30	7.50 ← 8.50	9.00	12.5	16	18
Noise level in Cooling mode (pressure) (pv/mv/gv1/gv2)[1][3]	dB(A)	27 / 28 / 30 / 33	27 / 30 / 31 / 35	27 / 30 / 32 / 37	28 / 32 / 36 / 42		33 / 39 / 43 / 48	35 / 40 / 45 / 48	37 / 41 / 46 / 48
Sound pressure	dB(A)	52	53	55	56	57	64	64	65
Airflow in Cooling mode (pv/mv/gv1/gv2) [4]	m³/h	540 / 660 / 780 / 900	660 / 840 / 1020 / 1260	660 / 840 / 1020 / 1320	840 / 1080 / 1380 / 1620	840 / 1080 / 1380 / 1620	1200 / 1440 / 1860 / 2220	1260 / 1560 / 1980 / 2220	1320 / 1680 / 2100 / 2220
Condensing 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			
Box dimensions (H x W x D)	mm		248 x 840 x 840				298 x 840 x 840		
Front panel dimensions (H x W x D)	mm					40 x 950 x 950			
Net weight of the box + front panel	kg	20 + 6.50	21 + 6.50	22 + 6.50			26 + 6.50		
Power supply	-					1 ~ 230V 50Hz			
Cable width (EN 60 335-1) [2]	mm²					3 x 0.75			
Max. current	A					5			
Part number for standard White front panel (Black)	-				**P-N23NA2 (P-AP160KA3)**				

[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.

Silent-Iconic front panel

	Natural White		Black
Type of front panel	White front panel design	White front panel design blanc equipped with lifting grid	Black front panel design
Part number	**P-GP160NAP**	**P-GP160NAPU**	**P-GP160KAP**
Dimensions (H x L x D)		52 x 950 x 950 mm	

Front panel lift	**d7**	01	02	03	04	05	06	07
Control lowering on wired remote control PC-ARF1E	Lowers in 7 stages	1.0 m	1.5 m	2.0 m	2.5 m	3.0 m	3.5 m	4.0 m

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

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

Simple wired controller
PC-ARH1E

Infrared controller
PC-AWR

Intuitive multifunction cable control
PC-ARFP1E (PC-ARFG-E available second half of 2021)

Fresh air kit
PD-75A

Remote sensor
THM-R2AE

Infrared receiver
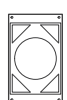PC-ALH3 (integrated) PC-ALHZ1 (external)

Multi-tenant card
PC-AMTB

Motion sensor
PS-MSK2

Connectors
PCC-1A

Remote blower connection kit
PDF-71C1 / PDF-160C1