4-way cassette units

Capacity control

-0.2 HP

for units from 1.5 HP to 2.5 HP

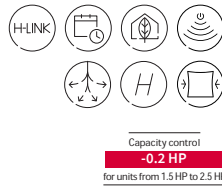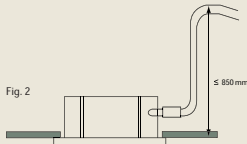## Very high energy efficiency

Thanks to the heat exchanger, made with 5 mm diameter piping, the turbo fan with three-dimensional curved blades, and the condensate pump with DC motor, the energy efficiency of 4-way cassette indoor units is among the highest on the market.

Designed for comfort

Constructed with the aim of boosting energy efficiency, the unit uses a DC fan motor and a condensate pump with DC motor that can be installed up to 850 mm above the unit. The condensate drain pan contains silver ion antibacterial agents capable of preventing the growth of mould and bacteria and offering protection up to 10,000 hours of operation. (Fig. 2)

Suitable for high ceiling installations

Thanks to the facility to increase speed of the fan motors, the units can be installed also in rooms with particularly high ceilings (4.2m).
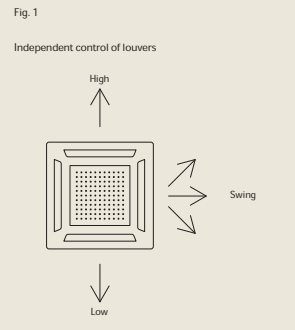
Ideal comfort

The special shape of the louvers makes it possible to avoid the disturbances caused by suboptimal air distribution and prevents the creation of cold draughts. Thanks also to the individual control of the 4 louvers and the facility to increase the speed of the fan motors, the unit is more flexible and can be installed in premises with particularly high ceilings such as stores and shopping malls.

New air speed regulation

The wired control allows the fan pressure to be increased so the unit can be installed also in buildings with high ceilings (up to 4.2 m for the 5.0 HP unit).
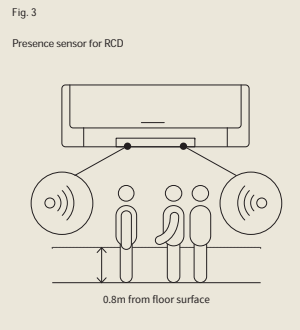
More comfort thanks to independent control of the louvers

The indoor unit louvers are designed to prevent the creation of disturbing cold draughts while also reducing pressure drops.
The louvre design, shaped to exploit the COANDA effect, avoids direct incidence of the cold air flow and improves comfort. (Fig. 1)

Energy saving of up to 14% with the presence sensor

The presence sensor allows a reduction in consumption when the room is unoccupied, maintaining a comfortable environment and generating significant energy savings. (Fig. 3)

Fig. 2

≤ 850 mm

Speed Setting	Room Height	
	(1.0-3.0) HP	(4.0-6.0) HP
Standard		
Speed (1)	2.7	3.2
Speed (2)	3.5 m	4.2

Fig. 1

Independent control of louvers

High

Swing

Low

Fig. 3

Presence sensor for RCD

0.8m from floor surface

Indoor units

RCI-1.0FSN4
RCI-1.5FSN4
RCI-2.0FSN4
RCI-2.5FSN4

RCI-3.0FSN4
RCI-4.0FSN4
RCI-5.0FSN4
RCI-6.0FSN4

4-way cassette units

Indoor unit			RCI-1.0FSN4	RCI-1.5FSN4	RCI-2.0FSN4	RCI-2.5FSN4	RCI-3.0FSN4	RCI-4.0FSN4	RCI-5.0FSN4	RCI-6.0FSN4
Adjustable capacity			-	1.30-1.50	1.80-2.00	2.30-2.50	-	-	-	-
Nominal capacity (VRF SET FREE)	Cooling	kW	2.80	4.00	5.60	7.10	8.00	11.20	14.00	16.00
	Heating	kW	3.20	4.80	6.30	8.50	9.00	12.50	16.00	18.00
Nominal capacity (VRF IVX)	Cooling	kW	2.50	3.60	5.00	5.60	7.10	10.00	12.50	14.00
	Heating	kW	2.80	4.00	5.60	6.30	8.00	11.20	14.00	16.00
Air flow rate (low-medium-high-extra high)		m³/h	540-660-780-900	660-840-1,020-1,260	660-840-1,020-1,320	840-1,080-1,380-1,620	840-1,080-1,380-1,620	1,200-1,440-1,860-2,220	1,260-1,560-1,980-2,220	1,320-1,680-2,100-2,220
Sound pressure (low-medium-high-extra high)		dB(A)	27-28-30-33	27-30-31-35	27-30-32-37	28-32-36-42	28-32-36-42	33-39-43-48	35-40-45-48	37-41-46-48
Sound power (high)		dB(A)	52	53	55	56	57	64	64	65
Refrigerant piping diameter (external Φ)	Liquid-gas	inches	1/4-1/2	1/4-1/2	1/4-1/2	3/8-5/8	3/8-5/8	3/8-5/8	3/8-5/8	3/8-5/8
Condensate pipe diameter (external)		mm	32	32	32	32	32	32	32	32
Dimensions	Height	mm	248	248	248	248	298	298	298	298
	Width	mm	840	840	840	840	840	840	840	840
	Depth	mm	840	840	840	840	840	840	840	840
Weight		kg	20.0	21.0	21.0	22.0	26.0	26.0	26.0	26.0
Panel dimensions	Height	mm	40	40	40	40	40	40	40	40
	Width	mm	950	950	950	950	950	950	950	950
	Depth	mm	950	950	950	950	950	950	950	950
Panel weight		kg	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
Condensate pump			Included	Included	Included	Included	Included	Included	Included	Included
Max head		mm	850	850	850	850	850	850	850	850
Electrical power			1~230V 50Hz	1~230V 50Hz	1~230V 50Hz	1~230V 50Hz	1~230V 50Hz	1~230V 50Hz	1~230V 50Hz	1~230V 50Hz
Air Panel			P-N23NA2	P-N23NA2	P-N23NA2	P-N23NA2	P-N23NA2	P-N23NA2	P-N23NA2	P-N23NA2

Compatible controls and accessories:

Wired control with display

PC-ARFP1E

Remote control

PC-AWR

Requires receiver.

(Consult Controls & Accessories section)

Compact wired control

PC-ARH1E

Accessories

– Presence sensor PS-MSK2