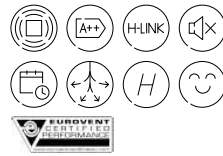


IXV Cassette



Quiet and compact, perfect for homes and businesses



Built-in condensate pump

Hitachi cassettes are fitted with a built-in pump to drive the condensate to a downpipe.

Presence sensor

A presence sensor can be fitted in order to optimise energy consumption.

(Fig. 1)

Built-in expansion valve in the indoor unit

Being located inside the indoor unit ensures a more efficient process and more accurate temperature control.

Smart defrost control

The machine remembers previous defrost cycles and so can use intelligent predictions on when to start the cycle to reduce the length of time heating is suspended. It also detects ice buildup and sends hot gas to the OU so as to avoid activating the defrost cycle at all.

(Fig. 1)

Greater flexibility

The installation of 3 and 4 HP units allows up to 70m of pipe run and 30m of height difference.

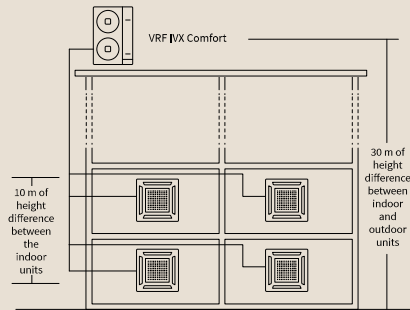
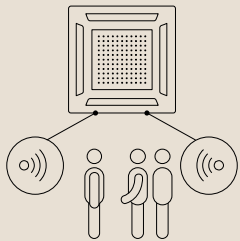
(Fig. 2)

Easy installation of up to 4 units

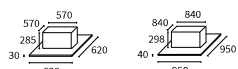
Allows independent climate control of up to 4 different spaces. Installation is simplified thanks to a common refrigerant circuit.

Fig. 2

Fig. 1

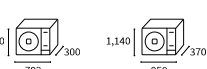


Indoor units



RCIM-2.0FSN4E
RCIM-2.5FSN4E

Outdoor units



RAS-2.0HVPN1
RAS-2.5HVPN1
RAS-3HVPN1
RAS-4H(V)NC1E
RAS-5H(V)NC1E
RAS-6H(V)NC1E

IXV Cassette

System		RCIM 2 IXV	RCIM 2.5 IXV	RCI 2 IXV	RCI 2.5 IXV	RCI 3 IXV	RCI 4 IXV	RCI 5 IXV	RCI 6 IXV
Capacity	Cooling (Min/Nom/Max)	2.20-5.00-5.60	2.20-5.60-6.30	2.20-5.00-5.60	2.20-5.60-6.30	3.20-7.10-8.00	4.50-10.00-11.20	5.70-12.50-14.00	6.00-14.00-16.00
	Heating (Min/Nom/Max)	2.20-5.60-7.10	2.20-6.30-8.00	2.20-5.60-7.10	2.20-6.30-8.00	3.50-8.00-10.60	5.00-11.20-14.00	5.00-14.00-18.00	5.00-16.00-20.00
Consumption	Cooling (nom)	1.45	1.72	1.24	1.34	2.26	2.70	3.71	4.29
	Heating (nom)	1.47	1.57	1.20	1.28	2.00	2.45	3.60	3.78
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
Indoor/outdoor wiring section (shielded)		2 x 0.75	2 x 0.75	2 x 0.75	2 x 0.75	2 x 0.75	2 x 0.75	2 x 0.75	2 x 0.75
EER		3.45	3.25	4.03	4.18	3.14	3.70	3.37	3.26
COP		3.80	4.02	4.68	4.92	4.00	4.57	3.89	4.23
SEER	Single-phase	5.67	5.61	6.49	6.05	6.00	6.57	6.10	5.88
	Three-phase	-	-	-	-	-	6.41	6.06	5.85
SCOP	Single-phase	4.00	4.41	4.67	4.77	4.21	4.47	4.00	4.05
	Three-phase	-	-	-	-	-	4.47	4.00	4.05
Energy rating (medium zone)		A+/A+	A+/A+	A+/A++	A+/A++	A+/A+	A+/A+	A/A	A/B
Outside operating temperatures	Cooling (DB)	-5 to 46	-5 to 46	-5 to 46	-5 to 46	-5 to 46	-5 to 46	-5 to 46	-5 to 46
	Heating (WB)	-20 to 15	-20 to 15	-20 to 15	-20 to 15	-20 to 15	-20 to 15	-20 to 15	-20 to 15
Pipe diameter	Liquid-gas	1/4-1/2	3/8-5/8	1/4-1/2	3/8-5/8	3/8-5/8	3/8-5/8	3/8-5/8	3/8-5/8
Indoor unit		RCIM-2.0FSN4E	RCIM-2.5FSN4E	RCI-2.0FSN4	RCI-2.5FSN4	RCI-3.0FSN4	RCI-4.0FSN4	RCI-5.0FSN4	RCI-6.0FSN4
Air flow (Very low - Low - Medium - High)		480-600-720-900	600-720-840-960	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 (Very low - Low - Medium - High)		31-35-39-45	35-39-43-47	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		56	60	55	56	57	64	64	64
Cassette dimensions (H x W x D)		285-570-570	285-570-570	248x840x840	248x840x840	298x840x840	298x840x840	298x840x840	298x840x840
Cassette weight		17.0	17.0	21.0	22.0	26	26	26	26
Panel dimensions (H x W x D)		30x620x620	30x620x620	40x950x950	40x950x950	40x950x950	40x950x950	40x950x950	40x950x950
Panel weight		2.5	2.5	6.5	6.5	6.5	6.5	6.5	6.5
Condensate pipe diameter (out)		32	32	32	32	32	32	32	32
Condensate pump		Included	Included	Included	Included	Included	Included	Included	Included
Maximum condensate height		850	850	850	850	850	850	850	850
Outdoor unit		RAS-2HVPN1	RAS-2.5HVPN1	RAS-2HVPN1	RAS-2.5HVPN1	RAS-3HVPN1	RAS-4H(V)NC1E	RAS-5H(V)NC1E	RAS-6H(V)NC1E
Air flow		2,436	2,436	2,436	2,436	2,682	3,720	4,080	4,800
Sound pressure	Cooling	44	45	44	45	48	52	52	55
	Heating	46	47	46	47	50	54	54	57
Sound power		62	63	62	63	66	68	69	71
N° fans		1	1	1	1	1	2	2	2
Maximum current	Single-phase	13.8	15.8	13.8	15.8	17.8	15.5	15.0	15.5
	Three-phase	-	-	-	-	-	28.5	28.0	28.5
Minimum pipe length		5	5	5	5	5	5	5	5
Maximum pipe length		50	50	50	50	50	70	75	75
Maximum height difference (highest OU/lowest OU)		30/20	30/20	30/20	30/20	30/20	30/20	30/20	30/20
Compressor		Scroll DC Inverter	Scroll DC Inverter	Scroll DC Inverter	Scroll DC Inverter	Scroll DC Inverter	Scroll DC Inverter	Scroll DC Inverter	Scroll DC Inverter
Refrigerant		R-410A	R-410A	R-410A	R-410A	R-410A	R-410A	R-410A	R-410A
Refrigerant charge (length without additional charge)		1.6 (30)	1.6 (30)	1.6 (30)	1.6 (30)	1.9 (30)	3.2 (30)	3.2 (30)	3.2 (30)
Additional refrigerant charge		30	30	30	30	40	40	60	60
Dimensions (H x W x D)		600x792x300	600x792x300	600x792x300	600x792x300	600x792x300	1,140x950x370	1,140x950x370	1,140x950x370
Weight		43.0	43.0	43.0	43.0	44.0	79.0	89.0	89.0

Compatible controls and accessories:

Wired control with timer
PC-ARFP1E

Wireless remote control
PC-AWR
(Receiver required)

Simplified remote control
PC-ARH

Others:
- PS-MSK2 Presence sensor kit. Compatible with RCI-FSN4
- Optional functions connector (5 units PCC-1A)
- SOR NEC Presence sensor kit. Compatible with RCIM-FSN4