

Wall-mounted IXV

Quiet and compact perfect for homes and businesses



Improved performance at extreme temperatures

This system can work down to -20 °C in heating, and up to 46 °C in cooling.

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)

Compact unit

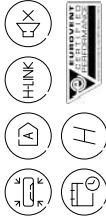
Up to 1.4 kW (6 HP) with a single fan; 0.35 m² of floor space occupied.

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

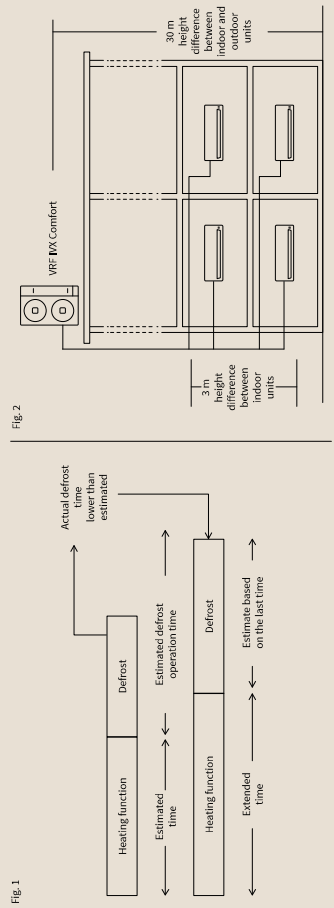
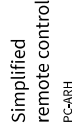
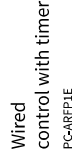
Allows independent climate control of up to 4 different spaces. Installation is simplified thanks to a common refrigerant circuit. See the VRF section for combinations and connections



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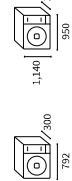
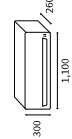
System	RPK 2.5 IXV	RPK 3 IXV	RPK 4 IXV
Capacity	2.20-5.00-5.60 2.20-5.60-6.30 2.20-5.60-7.10	2.20-5.60-6.30 2.20-6.30-8.00	2.20-7.10-8.00 3.50-8.00-10.60 5.00-11.20-14.00
Consumption	1.55 1.51	1.69 1.68	2.64 2.73
Electrical power	1 ~ 230V 50Hz 2 x 0.75	1 ~ 230V 50Hz 2 x 0.75	1 ~ 230V 50Hz 2 x 0.75
Indoor/outdoor wiring section (shielded)	2 x 0.75	2 x 0.75	2 x 0.75
EER	3.23	3.31	2.69
COP	3.70	3.75	2.93
SEER	5.47	5.24	5.35
SCOP	4.01	4.14	3.80
Energy rating (medium zone)	A/A+	A/A+	A/A
Cooling (DB)	-5 to 46	-5 to 46	-5 to 46
Heating (WB)	-20 to 15	-20 to 15	-20 to 15
Liquid-gas	1/4-1/2	1/4-1/2	3/8-5/8
Pipe diameter	inches	inches	inches
Air flow (Low - Medium - High - Very high)	570-660-760-870	720-840-950-1,100	750-930-1,050-1,200
Sound pressure (Low - Medium - High - Very high)	31-34-37-40	35-38-42-45	35-40-44-47
Dimensions (H x W x D)	300x1,100x260	300x1,100x260	300x1,100x260
Weight	14.5	15.0	15.0
Condensate pipe diameter (out)	20	20	20
Air flow	2,456	2,456	2,682
Sound pressure	44	45	48
Sound power	46	47	50
IP fans	62	63	66
Maximum current	13.8	15.8	17.8
Minimum pipe length	5	5	5
Maximum pipe length	50	50	50
Maximum height difference (highest/lowest O/U)	30/20	30/20	30/20
Refrigerant	R-410A	R-410A	R-410A
Refrigerant charge (length without additional charge)	1.6 (30)	1.6 (30)	1.9 (20)
Additional refrigerant charge	30	30	40
Dimensions (H x W x D)	600x792x300	600x792x300	600x792x300
Weight	42.0	43.0	44.0

Compatible controls and accessories:



Indoor units

Outdoor units



RPK2.5FSNHM
RPK2.5FSNHM
RPK4.0FSNHM

RAS-2H/WP1
RAS-2.5H/WP1
RAS-3H/WC1

RAS-4H/WVNCLE