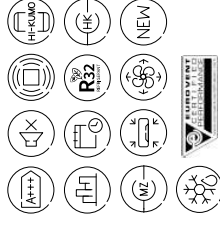


Performance

Compact size and high performance



Performance

Enhanced comfort with 4-Way Swing

The vertical and horizontal movement of the slats ensures a more uniform distribution of air for greater comfort in the room.

Presence sensor

These units are fitted with a presence sensor to ensure optimal consumption in accordance with the number of people in a room. This sensor gradually decreases energy consumption as the room empties, and increases it as human movement is detected.

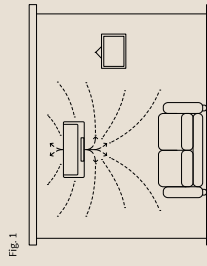


Fig. 1

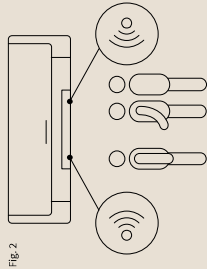


Fig. 2

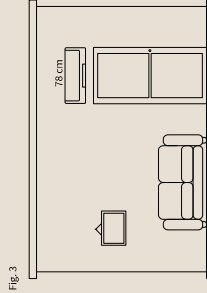


Fig. 3

Indoor units



RAC-18RPE
RAC-23RPE
RAC-35RPE
RAC-42RPE
RAC-50RPE

Outdoor units



RAC-18WPE
RAC-23WPE
RAC-35WPE

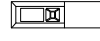


RAC-42WPE
RAC-50WPE

Performance

System	Performance 18	Performance 25	Performance 35	Performance 42	Performance 50
Capacity	Cooling (Min/Nom/Max) kW 0.90/2.06/2.50	Cooling (Min/Nom/Max) kW 0.90/2.56/3.10	Cooling (Min/Nom/Max) kW 0.90/3.50/4.10	Cooling (Min/Nom/Max) kW 1.70/4.26/5.00	Cooling (Min/Nom/Max) kW 1.90/5.00/5.70
Consumption	Heating (Min/Nom/Max) kW 0.90/2.50/3.20	Heating (Min/Nom/Max) kW 0.90/3.40/4.40	Heating (Min/Nom/Max) kW 0.90/4.20/5.00	Heating (Min/Nom/Max) kW 1.70/5.46/6.00	Heating (Min/Nom/Max) kW 2.25/6.00/7.30
	Cooling (Min/Nom/Max) kW 0.25/0.42/1.01	Cooling (Min/Nom/Max) kW 0.25/0.55/1.29	Cooling (Min/Nom/Max) kW 0.25/0.94/1.46	Cooling (Min/Nom/Max) kW 0.30/1.12/1.70	Cooling (Min/Nom/Max) kW 0.30/1.47/2.10
Electrical power	Heating (Min/Nom/Max) kW 0.25/0.52/0.97	Heating (Min/Nom/Max) kW 0.25/0.73/1.30	Heating (Min/Nom/Max) kW 0.25/1.00/1.70	Heating (Min/Nom/Max) kW 0.50/1.32/2.10	Heating (Min/Nom/Max) kW 0.50/1.56/2.75
	Indoor/outdoor wiring section (shielded) mm2	1.5 x 3 + E	1.5 x 3 + E	1.5 x 3 + E	2.5 x 3 + E
EER	4.77	4.55	3.72	3.75	3.40
	4.82	4.64	4.20	4.10	3.85
SEER	8.50	7.80	7.50	7.50	7.35
	4.90	4.90	4.90	4.60	4.60
SCOP	4.90	4.90	4.90	4.60	4.60
	4.90	4.90	4.90	4.60	4.60
Energy rating (medium zones)	A+++	A+++	A+++	A+++	A+++
Outside operating temperatures	Cooling (DB) °C -10 to 43	Cooling (DB) °C -10 to 43	Cooling (DB) °C -10 to 43	Cooling (DB) °C -10 to 43	Cooling (DB) °C -10 to 43
Pipe diameter	Heating (DB) °C -15 to 21	Heating (DB) °C -15 to 21	Heating (DB) °C -15 to 21	Heating (DB) °C -15 to 21	Heating (DB) °C -15 to 21
	Liquid-gas inches 1/4-3/8	Liquid-gas inches 1/4-3/8	Liquid-gas inches 1/4-3/8	Liquid-gas inches 1/4-3/8	Liquid-gas inches 1/4-3/8
Remote control included	BAR-6NE1	BAR-6NE1	BAR-6NE1	BAR-6NE1	BAR-6NE1
Indoor unit	RAC-18RPE	RAC-23RPE	RAC-35RPE	RAC-42RPE	RAC-50RPE
Air flow (Very low - Low - Medium - High)	Cooling m³/h 312-350-400-440	Cooling m³/h 333-370-430-510	Cooling m³/h 353-410-485-600	Cooling m³/h 383-410-540-720	Cooling m³/h 353-410-540-750
Sound pressure (Very low - Low - Medium - High)	Heating m³/h 312-350-400-480	Heating m³/h 333-400-500-570	Heating m³/h 363-400-570-780	Heating m³/h 380-500-610-800	Heating m³/h 380-500-610-820
	Cooling dB(A) 21-25-33-37	Cooling dB(A) 22-24-33-40	Cooling dB(A) 25-26-36-43	Cooling dB(A) 25-28-39-46	Cooling dB(A) 25-28-39-46
Dimensions (H x W x D)	Heating dB(A) 19-22-33-38	Heating dB(A) 20-23-34-41	Heating dB(A) 26-27-36-44	Heating dB(A) 27-31-39-46	Heating dB(A) 27-31-39-46
	Sound power dB(A) 51	Sound power dB(A) 54	Sound power dB(A) 57	Sound power dB(A) 60	Sound power dB(A) 60
Weight	280x780x230	280x780x230	280x780x230	280x780x230	280x780x230
	kg 8.5	kg 8.5	kg 16	kg 16	kg 16
Condensate pipe diameter (out)	mm 16	mm 16	mm 16	mm 16	mm 16
	8.5	8.5	8.5	8.5	8.5
Outdoor unit	RAC-18WPE	RAC-23WPE	RAC-35WPE	RAC-42WPE	RAC-50WPE
Air flow	Cooling m³/h 1.860	Cooling m³/h 1.860	Cooling m³/h 1.920	Cooling m³/h 2.160	Cooling m³/h 2.160
	Heating m³/h 1.620	Heating m³/h 1.620	Heating m³/h 1.620	Heating m³/h 2.160	Heating m³/h 2.160
Sound pressure	Cooling dB(A) 44	Cooling dB(A) 46	Cooling dB(A) 48	Cooling dB(A) 49	Cooling dB(A) 49
	Heating dB(A) 45	Heating dB(A) 47	Heating dB(A) 49	Heating dB(A) 50	Heating dB(A) 50
Sound power	Heating dB(A) 58	Heating dB(A) 60	Heating dB(A) 61	Heating dB(A) 63	Heating dB(A) 63
	Maximum pipe length m 10	Maximum pipe length m 20	Maximum pipe length m 20	Maximum pipe length m 20	Maximum pipe length m 20
Compressor	Maximum height difference m 10	Maximum height difference m 20	Maximum height difference m 20	Maximum height difference m 20	Maximum height difference m 20
	Rotary	Rotary	Rotary	Rotary	Rotary
Refrigerant	R32	R32	R32	R32	R32
	0.87 (20)	0.87 (20)	0.87 (20)	1.05 (20)	1.05 (20)
Refrigerant charge (length without additional charge)	kg (m) not required	kg (m) not required	kg (m) not required	kg (m) not required	kg (m) not required
	Additional refrigerant charge g/m 548x750x288	Additional refrigerant charge g/m 548x750x288	Additional refrigerant charge g/m 548x750x288	Additional refrigerant charge g/m 600x792x299	Additional refrigerant charge g/m 600x792x299
Dimensions (H x W x D)	mm 32.5	mm 32.5	mm 32.5	mm 32.5	mm 32.5
	kg 32.5	kg 32.5	kg 32.5	kg 32.5	kg 38.0

Compatible controls and accessories:



Wireless Eco Control
RAR-6NE1
Included



Simplified wired control
SPX-RCD8



Programmable wired control
SPX-WKT3



Others:
- SPK-DST distributor
- H-Link PSC-GRAD box
- SPK-WF01 Wi-Fi adapter