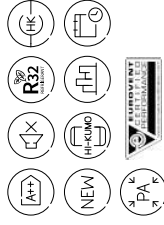


Light Commercial Ducts

Operation down to -15°C



Light Commercial Ducts

System	RAD 25 RPE	RAD 35 RPE	RAD 50RPE	RAD 60RPE	RAD 70PPD
Capacity	0.90-2.50-3.00 kW (Min/Nom/Max)	0.90-3.50-4.00 kW (Min/Nom/Max)	1.20-5.00-5.80 kW (Min/Nom/Max)	1.20-6.00-6.50 kW (Min/Nom/Max)	1.50-7.00-8.00 kW (Min/Nom/Max)
Consumption	0.90-3.50-5.50 kW (Min/Nom/Max)	0.90-4.80-6.80 kW (Min/Nom/Max)	1.20-6.00-6.80 kW (Min/Nom/Max)	1.20-7.00-8.00 kW (Min/Nom/Max)	1.50-8.00-8.50 kW (Min/Nom/Max)
Electrical power	1 - 230V/50Hz	1 - 230V/50Hz	1 - 230V/50Hz	1 - 230V/50Hz	1 - 230V/50Hz
Indoor/outdoor wiring section (shielded)	1.5 x 3 + E	1.5 x 3 + E	1.5 x 3 + E	1.5 x 3 + E	1.5 x 3 + E
EER	4.20	3.70	3.82	3.51	3.32
COP	4.00	3.81	3.82	3.80	3.64
SEER	6.20	6.50	6.20	6.10	6.10
SCOP	4.30	4.30	4.00	4.00	4.00
Energy rating (medium zones)	A++/A+	A++/A+	A++/A+	A++/A+	A++/A+
Cooling/Heating					
Cooling (DB)	-10 to 46	-10 to 46	-15 to 46	-15 to 46	-15 to 46
Heating (DB)	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24
Liquid-gas	1/4-3/8	1/4-3/8	1/4-3/8	1/4-3/8	1/4-5/8
Pipe diameter	inches	inches	inches	inches	inches
Indoor unit	RAD-25RPE	RAD-35RPE	RAD-50RPE	RAD-60RPE	RAD-70PPD
Air flow (Very low - Low - Medium - High)	330-390-450-510 m ³ /h	330-390-450-510 m ³ /h	350-540-800-1,140 m ³ /h	350-540-800-1,140 m ³ /h	350-540-800-1,140 m ³ /h
Sound pressure (Very low - Low - Medium - High)	30-33-37-41 dB(A)	30-33-37-41 dB(A)	28-32-35-39 dB(A)	28-32-35-39 dB(A)	28-32-35-39 dB(A)
Sound power	30-34-38-42 dB(A)	30-34-38-42 dB(A)	29-32-35-40 dB(A)	29-32-35-40 dB(A)	29-32-35-40 dB(A)
Dimensions (H x W x D)	238x750x400 mm	238x750x400 mm	270x800x720 mm	270x800x720 mm	270x800x720 mm
Weight	16.0 kg	16.0 kg	35.0 kg	35.0 kg	35.0 kg
Condensate pipe diameter (out)	16 mm	16 mm	32 mm	32 mm	32 mm
Condensate pump	Included	Included	Included	Included	Included
Outdoor unit	RAC-25RPE	RAC-35RPE	RAC-50RPE	RAC-60RPE	RAC-70RPE
Air flow	1,520 m ³ /h	1,520 m ³ /h	2,160 m ³ /h	2,160 m ³ /h	2,160 m ³ /h
Heating	1,620 m ³ /h	1,620 m ³ /h	2,160 m ³ /h	2,160 m ³ /h	2,160 m ³ /h
Cooling	48 m ³ /h	48 m ³ /h	50 m ³ /h	50 m ³ /h	50 m ³ /h
Heating	49 m ³ /h	49 m ³ /h	53 m ³ /h	53 m ³ /h	53 m ³ /h
Sound power	61 dB(A)	61 dB(A)	59/65 dB(A)	59/65 dB(A)	59/65 dB(A)
Maximum pipe length	20 m	20 m	20 m	30 m	30 m
Maximum height difference	10 m	10 m	20 m	20 m	20 m
Compressor	Rotary	Rotary	Rotary	Rotary	Rotary
Refrigerant	R32	R32	R32	R32	R32
Refrigerant charge (length without additional charge)	0.3 (20) kg (m)	0.3 (20) kg (m)	1.5 (30) kg (m)	1.5 (30) kg (m)	1.6 (30) kg (m)
Additional refrigerant charge	not required	not required	not required	not required	not required
Dimensions (H x W x D)	548x750x288 mm	548x750x288 mm	750-850-938 mm	750-850-938 mm	800-850-938 mm
Weight	32.5 kg	32.5 kg	50.0 kg	50.0 kg	52.0 kg

Compatible controls and accessories:



Wireless Eco Control
SPXRCA1



Simplified wired control
SPXRCA



Programmable wired control
SPX-WKT3

Others:
- SPX-DST distributor
- H-Link PSC-RAD box
- SPX-WF01 Wi-Fi adapter

Condensate pump included

The LC duct is fitted with its own pump to automatically remove condensate liquid. No need to purchase additionally. (Fig. 1)

First-class energy efficiency

Lower energy consumption thanks to its A++ energy rating. Use your air conditioning while barely noticing its effect on your electricity bill. *check model

High static pressure

Since the unit has 150Pa pressure, the ducts unit can be installed wherever they cause least disturbance. The user therefore does not have to worry about not getting enough air to the room furthest away.

Flexible installation

There is up to 30 m of cooling pipe between the indoor and outdoor units, meaning the system can be installed almost anywhere in the building. Furthermore, the height difference between them can reach up to 20 m.

Compatible with Hi-Kumo Wi-Fi control

This control can be used to turn the unit on or off, increase or decrease the temperature, or programme the system from anywhere in the world. All you need is a mobile phone, internet connection and Wi-Fi equipment (optional) to connect to the air unit.

Enhanced comfort

This system allows us to choose where to measure the setpoint temperature (in the control, in the return, or the average of both values). This feature ensures enhanced comfort in the room.

Fig. 1

Indoor units

RAD-25RPE

RAD-35RPE

RAD-50RPE

RAD-60RPE

RAD-70PPD

Outdoor units

RAC-25RPE

RAC-35RPE

RAC-50RPE

RAC-60RPE

RAC-70RPE