HITACHI
Inspire the Next

Hitachi's range of air conditioning systems has developed significantly in recent years. This development investment ensures that we are continuously producing sophisticated energy-saving air conditioning systems that help to reduce CO^2 emissions and protect the environment.

Today our Air Conditioning systems provide complete flexibility with regards to product selection and installation, as all the indoor units are now common and can be connected to any of the outdoor units from the Set Free and Utopia ranges. Saving you time! Making it simple!

All our Air Conditioning systems offer the advantage of a well proven combination of Hitachi's advanced high pressure Scroll Compression Technology allied to the DC Inverter ensuring highly reliable, high energy saving and highly efficient air conditioning.

Wall mounted

Wall mounted – RPK

- **Compact and lightweight design for easy installation**
- **Models available from 0.8 to 4.0 HP**
- **Reduced noise with high air flow due to the conical blade fan**
- **Swing louver with 3 flaps at both sides has been adopted in order to provide comfort to the entire room**
- **The indoor unit is equipped with a wireless receiver kit inside as a standard accessory**
- **R410a compatible**
- **24hr remote controller comes as standard**

Wall mounted/Ceiling suspended

Ceiling suspended

Ceiling suspended –RPC

- **A highly efficient, multi blade centrifugal fan generates a powerful yet gentle airflow throughout the room, ensuring comfort and an extremely quiet operation**
- **Easy installation**
- **To expand installation and positioning options, Hitachi has added a second drain pipe connector, one more than conventional units**
- **An option of connection points at the left, right or the rear for the refrigerant pipes**
- **An innovative fan and heat exchanger design has led to the creation of an ultra slim, space saving ceiling unit**
- **Models available 2.0 to 6.0 HP**
- **Anti-mildew filter is equipped as a standard accessory**
- **24hr remote controller comes as standard**

Wall mounted

RPK Technical Description

Model		RPK-0.8FSNM	RPK-1.0FSNM	RPK-1.5FSNM	RPK-2.0FSNM	RPK-2.5FSNM	RPK-3.0FSNM	RPK 3.5 FSNM	RPK-4.0FSNM
Power Supply		AC 1Ø, 230 V, 50 Hz							
Nominal Cooling Capacity	W	2,200	2,800	4,500	5,600	7,100	8,000	9,000	11,200
Nominal Heating Capacity	W	2,500	3,200	5,000	6,300	8,500	9,000	10,000	12,500
Sound Pressure Level									
(Overall A Scale)	dB	36/34/31	36/34/31	39/37/34	39/37/34	43/40/37	43/40/37	49/46/43	49/46/43
Cabinet Colour		Pearl White							
Outer Dimensions									
Height	mm	295	295	295	295	360	360	360	360
Width	mm	1,030	1,030	1,030	1,030	1,390	1,390	1,390	1,390
Depth	mm	183	183	183	183	225	225	225	225
Net Weight	kg	12	12	12	12	21	21	22	22
Refrigerant		R410A (Nitrogen-Charged for Corrosion-Resistance)							
Indoor Fan									
Air Flow Rate (Hi/Me/Lo)	m^3/min	11/9/8	11/9/8	13/11/9	14/12/10	22/18/15	22/18/15	26/24/20	26/24/20
Fan Motor	W	20	20	20	20	40	40	41	41
Connections									
Refrigerant Piping		Flare Nuts Connection (with Flare Nuts)							
Liquid Line	mm(in.)	Ø6.35 (1/4)	Ø6.35 (1/4)	Ø6.35 (1/4)	Ø6.35 (1/4)	Ø9.53 (3/8)	Ø9.53 (3/8)	Ø9.53(3/8)	Ø9.53 (3/8)
Gas Line	mm(in.)	Ø12.7 (1/2)	Ø12.7 (1/2)	Ø12.7 (1/2)	Ø15.88 (5/8)	Ø15.88 (5/8)	Ø15.88 (5/8)	Ø15.88 (5/8)	Ø15.88 (5/8)
Condensate Drain		Ø260D	Ø260D	Ø260D	Ø260D	Ø260D	Ø260D	Ø26.0D	Ø260D
Approximate Packing									
Measurement	m^3	0.11	0.11	0.11	0.11	0.20	0.20	0.20	0.20
Standard Accessories		Mounting Brackets							

Ceiling suspended

RPC Technical Description

Model		RPC-2.0FSNE	RPC-2.5FSNE	RPC-3.0FSNE	RPC 3.5 FSNE	RPC-4.0FSNE	RPC-5.0FSNE	RPC 6.0 FSNE
Power Supply		AC 1Ø, 230 V, 50 Hz						
Nominal Cooling Capacity	W	5,600	7,100	8,000	9,000	11,200	14,000	16, 000
Nominal Heating Capacity	W	6,300	8,500	9,000	10,000	12,500	16,000	18,000
Sound Pressure Level								
(Overall A Scale)	dB(A)	44/42/38	46/43/41	48/45/42	48/45/42	49/45/39	49/46/41	50/48/44
Colour (MUNSELL Code)		Spring White (4.1Y 8.5/0.7)						
Outer Dimensions								
Height	mm	163	163	163	163	225	225	225
Width	mm	1,094	1,314	1,314	1,314	1,314	1,574	1,574
Depth	mm	625	625	625	625	625	625	625
Net Weight	kg	28	31	31	31	35	41	41
Refrigerant		R410A (Nitrogen-Charged for Corrosion-Resistance)						
Indoor Fan								
Air Flow Rate (Hi/Me/Lo)	m^3/min	15/13/10	18/16/12	21/17/15	21/17/15	30/24/19	35/28/21	37/32/27
Fan Motor	W	75	75	75	75	145	145	145
Connections								
Refrigerant Piping		Flare-Nut Connection (With Flare Nuts)						
Liquid Line	mm (in.)	Ø6.35 (1/4)	Ø9.53 (3/8)	Ø9.53 (3/8)	Ø9.53 (3/8)	Ø9.53 (3/8)	Ø9.53 (3/8)	Ø9.53 (3/8)
Gas Line	mm (in.)	Ø15.88 (5/8)	Ø15.88 (5/8)	Ø15.88 (5/8)	Ø15.88 (5/8)	Ø15.88 (5/8)	Ø15.88 (5/8)	Ø15.88 (5/8)
Condensate Drain	mm	Ø25 OD	Ø25 OD	Ø25 OD	Ø25 OD	Ø25 OD	Ø25 OD	Ø25 OD
Approximate Packing								
Measurements	m^3	0.24	0.29	0.29	0.29	0.36	0.43	0.43
Standard Accessories		Mounting Bracket						

NOTES:

1. The nominal cooling and heating capacity is the combined capacity of the HITACHI standard split system, and are based on the JISB 8616..

Cooling Operation Conditions
Indoor Air Inlet Temperature: 27.0 ℃ DB / 19.0 ℃ WB
Outdoor Air Inlet Temperature: 35.0 ℃ DB

Heating Operation Conditions
Indoor Air Inlet Temperature: 20.0 ℃ DB
Outdoor Air Inlet Temperature: 7.0 ℃ DB / 6.0 ℃ WB

Piping Length: 7.5 meters
DB: Dry Bulb; **WB:** Wet Bulb

2. The Sound Pressure Level is based on the following conditions:
– 1.0 meters Beneath the Unit, 1.0 meters from dicharge grill.
– Voltage of the power source for the indoor fan motor is 230V.
The above data was measured in an anechoic chamber so that reflected sound should be taken into consideration when installing the unit.

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