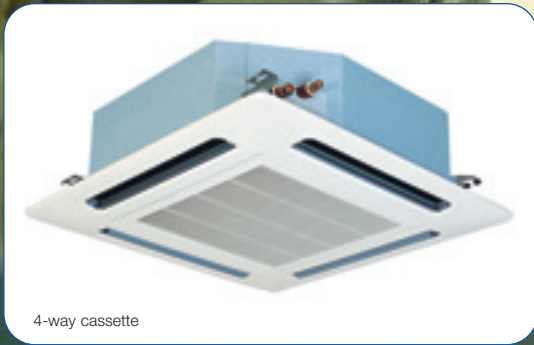


Hitachi's range of air conditioning systems has developed significantly in recent years. This development investment ensures that we are continuously producing sophisticated energy-saving air conditioning systems that help to reduce CO² emissions and protect the environment.

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!

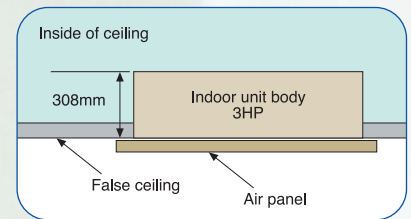
All our Air Conditioning systems offer the advantage of a well proven combination of Hitachi's advanced high pressure Scroll Compression Technology allied to the DC Inverter ensuring highly reliable, high energy saving and highly efficient air conditioning.



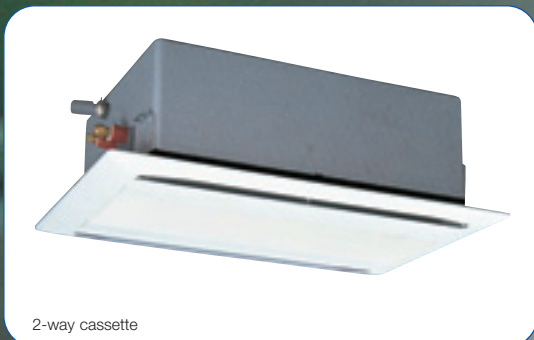
4-way cassette

4- way cassette – RCI

- A new and simple design air panel
- A unique patented Hitachi fan blade results in extremely quiet operation – (28 dB(A) for the RCI-1.0FSN1E). All sound pressure levels for all units can be found overleaf.
- Requires limited ceiling space to improve work efficiency in installation behind ceiling
- DC Compressor
- Drain up mechanism is fitted as standard
- Anti-mould filter is fitted as standard
- Models available from 1.0 to 6.0 HP
- 24hr remote controller comes as standard



4-way/2-way cassette



2-way cassette

2-way cassette – RCD

- Extremely quiet operation
- Slim line design air panel which is perfect for any ceiling
- A reduced weight and size will simplify the handling
- Low profile design allows installation into a small space inside of ceiling
- Easy to clean as the auto – louvers are not flocked, preventing dirt from accumulating.
- Even rooms with a high ceiling can be comfortably air conditioned by setting the speed –up tap with the remote control switch.
- Models available from 1.0 to 5.0 HP
- 24hr remote controller comes as standard

RCI Technical Description

4-way cassette

Model		RCI-1.0FSN1E	RCI-1.5FSN1E	RCI-2.0FSN1E	RCI-2.5FSN1E	RCI-3.0FSN1E	RCI 3.5 FSN1E	RCI-4.0FSN1E	RCI-5.0FSN1E	RCI 6.0 FSN1E
Power Supply		AC 10, 230V, 50Hz								
Nominal Cooling Capacity	W	2,800	4,500	5,600	7,100	8,000	9,000	11,200	14,000	16,000
Nominal Heating Capacity	W	3,200	5,000	6,300	8,500	9,000	10,000	12,500	16,000	18,000
Sound Pressure Level (Overall A Scale)	dB(A)	32/30/28	32/30/28	32/30/28	32/30/28	34/32/30	34/32/30	38/35/33	39/37/35	42/40/36
Outer Dimensions										
Height	mm	248	248	248	248	298	298	298	298	298
Width	mm	840	840	840	840	840	840	840	840	840
Depth	mm	840	840	840	840	840	840	840	840	840
Net Weight	kg	23	23	24	24	26	26	29	29	29
Refrigerant		R410A (Nitrogen-Charged for Corrosion-Resistance)								
Indoor Fan										
Air Flow Rate (Hi/Me/Lo)	m³/min	13/12/11	15/14/12	16/14/12	20/17/15	26/23/20	26/23/20	32/28/24	34/29/25	37/32/27
Fan Motor	W	56	56	56	56	56	56	108	108	108
Connections										
Refrigerant Piping		Flare-Nut Connection (With Flare Nuts)								
Liquid Line	mm(in.)	Ø 6.35 (1/4)	Ø 6.35 (1/4)	Ø 6.35 (1/4)	Ø 9.53 (3/8)	Ø 9.53 (3/8)	Ø 9.53 (3/8)	Ø 9.53 (3/8)	Ø 9.53 (3/8)	Ø 9.53 (3/8)
Gas Line	mm(in.)	Ø 12.7 (1/2)	Ø 12.7 (1/2)	Ø 15.88 (5/8)	Ø 15.88 (5/8)	Ø 15.88 (5/8)	Ø 15.88 (5/8)	Ø 15.88 (5/8)	Ø 15.88 (5/8)	Ø 15.88 (5/8)
Condensate Drain		Ø 32 OD	Ø 32 OD	Ø 32 OD	Ø 32 OD	Ø 32 OD	Ø 32 OD	Ø 32 OD	Ø 32 OD	Ø 32 OD
Approximate Packing										
Measurement	m³	0.22	0.22	0.22	0.22	0.26	0.26	0.26	0.26	0.26
Standard Accessories		Suspension Brackets								

RCD Technical Description

2-way cassette

Model		RCD-1.0FSN	RCD-1.5FSN	RCD-2.0FSN	RCD-2.5FSN	RCD-3.0FSN	RCD-4.0FSN	RCD-5.0FSN
Power Supply		AC 1Ø 230 V, 50 Hz						
Nominal Cooling Capacity	W	2,800	4,500	5,600	7,100	8,000	11,200	14,000
Nominal Heating Capacity	W	3,200	5,000	6,300	8,500	9,000	12,500	16,000
Sound Pressure Level (Overall A Scale)	dB(A)	34/32/30	35/32/30	35/32/30	38/34/31	40/36/33	40/36/33	43/40/36
Outer Dimensions								
Height	mm	298	298	298	298	298	298	298
Width	mm	860	860	860	860	860	1,420	1,420
Depth	mm	620	620	620	620	620	620	620
Net Weight	kg	27	27	27	30	30	48	48
Refrigerant		R410A (Nitrogen-Charged for Corrosion-Resistance)						
Indoor Fan	m³/min	8/7/6	12/10/8.5	15/13/11	19/16/14	22/19/16	29/24/21	34/29/25
Fan Motor	W	35	35	35	55	55	35 x 2	35 x 2
Connections								
Refrigerant Piping		Flare-Nut Connection						
Liquid Line	mm (in.)	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)	Ø15.88 (5/8)	Ø15.88 (5/8)	Ø15.88 (5/8)	Ø15.88 (5/8)	Ø15.88 (5/8)
Condensate Drain	m³	Ø 32 OD	Ø 32 OD	Ø 32 OD	Ø 32 OD	Ø 32 OD	Ø 32 OD	Ø 32 OD
Approximate Packing								
Measurements		0.23	0.23	0.23	0.23	0.23	0.37	0.37
Adaptable Panel Model		P-G23DWA1	P-G23DWA1	P-G23DWA1	P-G23DWA1	P-G23DWA1	P-G46DWA1	P-G46DWA1
Colour		Silky White (2.5Y 8.9/1)						
Outer Dimensions								
Height	mm	30 + 10	30 + 10	30 + 10	30 + 10	30 + 10	30 + 10	30 + 10
Width	mm	1,100	1,100	1,100	1,100	1,100	1,660	1,660
Depth	mm	710	710	710	710	710	710	710
Net Weight	kg	6	6	6	6	6	8	8
Approximate Packing								
Measurements	m³	0.10	0.10	0.10	0.10	0.10	0.15	0.15

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 °C DB
19.0 °C WB
Outdoor Air Inlet Temperature: 35.0 °C DB

Heating Operation Conditions

Indoor Air Inlet Temperature: 20.0 °C DB
Outdoor Air Inlet Temperature: 7.0 °C DB
6.0 °C WB

Piping Length: 7.5 meters

DB: Dry Bulb; WB: Wet Bulb

2. The Sound Pressure Level is based on the following conditions:

- 1.5 meters Beneath the Unit.

- 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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