

# System Free 2-Way Cassette



## Features and Benefits

This cost-effective range of cassettes are available with heating and cooling capacities from 5.0kW to 16.0kW and offer the following benefits:

- **Low Profile Design**

The compact turbo fan simplifies the structure and reduces the height of the unit to 298mm. The unit's low profile design allows easy installation in the most confined spaces inside a ceiling

- **Low Noise**

By employing a super-high-stream turbo fan (three-dimensional twisted wing with large bore and high efficiency), the air flow efficiency has been improved by 20% resulting in a noise reduction down to an exceptionally low 30dB(A) (NR 26)

- **Air Panel Perfect for Any Ceiling**

This unit virtually merges with the ceiling; it only protrudes 30mm and provides space for customised panelling allowing the unit to blend perfectly into any ceiling

- **High Ceiling Installations**

By incorporating the use of speed-up taps on the motor, this model can be adapted for high ceiling installations of up to 3.4m. This feature provides comfortable air conditioning in suburban stores and showrooms



RCD-FSN2



PC-ART

- **Standard Controller**

Hard wired remote controller with built in 7-day timer

- **Control Options**

Optional simplified hard wired or infra red remote controller with 24hr timer

Compatible with H-LINK II Control and CS Net Web controls that integrate with all leading BMS protocols

- **Compatible with Hitachi's full range of commercial outdoor units:**

Utopia ES, Utopia Centrifugal, IVX, IVX+, and all Set Free VRF systems

System Features	RCD 1.0FSN2	RCD 1.5FSN2	RCD 2.0FSN2	RCD 2.5FSN2	RCD 3.0FSN2	RCD 4.0FSN2	RCD 5.0FSN2
Remote Control Self Diagnosis	✓	✓	✓	✓	✓	✓	✓
Fresh Air Intake Kit	✓	✓	✓	✓	✓	✓	✓
Side Discharge Kit	✓	✓	✓	✓	✓	✓	✓
High Ceiling Adaptability	✓	✓	✓	✓	✓	✓	✓
Drain Pump (600mm lift)	✓	✓	✓	✓	✓	✓	✓
Remote Controller Type	Hard Wired (std) - Simplified Wired or Infra Red (options)						
Remote Control Timer	24hr or 7 Day option						
H-LINK Compatible	✓	✓	✓	✓	✓	✓	✓



## Indoor Units

Indoor Units	HP Setting	RCD 1.0FSN2			RCD 1.5FSN2			RCD 2.0FSN2		RCD 2.5FSN2			RCD 3.0FSN2	RCD 4.0FSN2	RCD 5.0FSN2		
		0.8 <	1.0	> 1.3	1.3 <	1.5	> 1.8	1.8 <	2.0	2.3 <	2.5	> 2.8	3.0	4.0	5.0		
Nominal Capacity (kW)	Cooling	2.2	2.8	3.1	3.8	4.5	5.0	5.0	5.6	6.5	7.1	7.5	8.0	11.2	14.0		
	Heating	2.5	3.2	3.8	4.3	5.0	5.5	5.7	6.3	7.8	8.5	8.9	9.0	12.5	16.0		
UK Cooling Capacity (kW)	Total	2.1	2.6	3.0	3.4	3.9	4.3	4.3	5.2	6.0	6.4	6.9	7.5	10.5	12.7		
	Sensible	1.8	2.2	2.6	2.4	2.8	3.4	3.2	3.9	4.4	4.7	5.1	5.5	7.6	8.8		
Indoor Sound Pressure Level dB(A)		34/32/30			35/32/30			35/32/30		38/34/31			38/34/31	40/36/33	43/40/36		
Indoor Fan (m <sup>3</sup> /min)		8/7/6			13/11/9			15/13/11		19/16/14			19/16/14	28/24/21	34/29/25		
Refrigerant Piping (mm (in))	Liquid	6.35(1/4)**			6.35(1/4)**			6.35(1/4)**		9.52(3/8)			9.52(3/8)	9.52(3/8)	9.52(3/8)		
	Gas	12.7(1/2)			12.7(1/2)			15.88(5/8)		15.88(5/8)			15.88(5/8)	15.88(5/8)	15.88(5/8)		
Dimensions (mm) & Weight (kg)	Height	860										1420					
	Width	620										620					
	Depth	298										298					
	Grille (mm)	1100/710/30										1660/710/30					
	Weight	27 (6)			27 (6)			27 (6)		30 (6)			30 (6)		48 (8)		48 (8)

## Outdoor Units

**Compatible with Hitachi's full range of commercial outdoor units: Utopia ES, Utopia Centrifugal, IVX, IVX+ and all Set Free VRF systems**