

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 (m³/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**