

System Free 4-Way Cassette



600x600 (RCIM)
850x850 (RCI)

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:

- Compact Design**
 The depth of the units vary from just 295mm, so they can be installed in a reduced space inside a false ceiling
- Uniform Square Panel Size for 600 x 600 Ceiling**
 Panel sizes are standardised to facilitate the installation in a grid ceiling
- Easy Installation and Maintenance**
 The electrical box is located inside the grille, enabling easier access to the electrical components. A pocket is provided on each of the four panel corners so that the body height can be easily adjusted without removing the panel
- High Ceiling Adaptability**
 High ceiling installations up to 3.5m are possible utilising speed-up taps
- Fan Motor Input Reduced by DC Motor**
 The DC fan motor greatly improves efficiency compared to conventional products that use AC motors. In addition, air blasts are reduced by controlling the rotation speed of the fan



RCIM-FSN2



RCI-FSN2E



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	RCIM 1.0FSN2	RCIM 1.5FSN2	RCIM 2.0FSN2
Remote Controller Self Diagnosis	✓	✓	✓
Side Discharge Kit	✓	✓	✓
Variable Air Distribution (2, 3 & 4-Way)	✓	✓	✓
Easy Height Adjustment (Corner Access Pockets)	✓	✓	✓
High Ceiling Adaptability (up to 3.5m)	✓	✓	✓
Drain Pump (600mm lift)	✓	✓	✓
Remote Controller Type	Hard Wired or Infra Red & CS Net Web Centralised		
Remote Control Timer	24hr / 7 Day / Yearly		
H-LINK Compatible	✓	✓	✓

System Features	RCI 1.0FSN2E	RCI 1.5FSN2E	RCI 2.0FSN2E	RCI 2.5FSN2E	RCI 3.0FSN2E	RCI 4.0FSN2E	RCI 5.0FSN2E	RCI 6.0FSN2E
Remote Controller Self Diagnosis	✓	✓	✓	✓	✓	✓	✓	✓
Fresh Air Intake Kit	✓	✓	✓	✓	✓	✓	✓	✓
Side Discharge Kit	✓	✓	✓	✓	✓	✓	✓	✓
Air Distribution (2, 3 & 4-Way)	✓	✓	✓	✓	✓	✓	✓	✓
Easy Height Adjustment (Corner Access Pockets)	✓	✓	✓	✓	✓	✓	✓	✓
High Ceiling Adaptability (up to 4.2m)	✓	✓	✓	✓	✓	✓	✓	✓
Drain Pump (850mm lift)	✓	✓	✓	✓	✓	✓	✓	✓
H-LINK Compatible	✓	✓	✓	✓	✓	✓	✓	✓



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Mini Cassette 4-Way (600x600) RCIM

Mini Cassette 4-Way (600x600)	HP Setting	RCIM 1.0FSN2		RCIM 1.5FSN2		RCIM 2.0FSN2	
		0.8 <	1.0	1.3 <	1.5	1.8 <	2.0
Nominal Capacity (kW)	Cooling	2.2	2.8	3.8	4.5	5.0	5.6
	Heating	2.5	3.2	4.3	5.0	5.7	6.3
UK Cooling Capacity (kW)	Total	2.1	2.6	3.4	3.9	4.3	5.2
	Sensible	1.6	1.9	2.5	2.9	3.1	3.7
Indoor Sound Pressure Level dB(A)		36/34/32		38/35/33		42/39/37	
Indoor Fan (m ³ /min)		13/12/11		15/13.5/12		16/14/12	
Refrigerant Piping (mm (in))	Liquid	6.35(1/4)		6.35(1/4)		6.35(1/4)	
	Gas	12.7(1/2)		12.7(1/2)		15.88(5/8)	
Dimensions (mm) & Weight (kg) (Grille)	Height	570		570		570	
	Width	570		570		570	
	Depth	295		295		295	
	Grille (mm)	700/700/35		700/700/35		700/700/35	
	Weight	17 (3.5)		17 (3.5)		17 (3.5)	

Mini Cassette 4-Way (600x600) RCI

4-Way Cassette (600x600)	HP Setting	RCI 1.0FSN2E			RCI 1.5FSN2E			RCI 2.0FSN2E			RCI 2.5FSN2E			RCI 3.0FSN2E	RCI 4.0FSN2E	RCI 5.0FSN2E	RCI 6.0FSN2E
		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	6.0	
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	16.0	
	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	18.0	
UK Cooling Capacity (kW)	Total	2.1	2.6	3.0	3.4	3.9	4.6	4.3	5.2	6.0	6.4	6.9	7.5	10.5	12.7	14.8	
	Sensible	1.7	2.1	2.4	2.6	3.0	3.6	3.4	4.1	4.3	4.6	5.0	5.4	7.6	9.3	10.8	
Indoor Sound Pressure Level dB(A)		32/30/28			32/30/28			32/30/28			32/30/28			34/32/30	38/35/33	39/37/34	42/40/36
Indoor Fan (m ³ /min)		13/12/11			15/14/12			16/14/12			20/17/15			26/23/20	32/28/24	35/29/25	37/32/27
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)	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)	15.88(5/8)
Dimensions (mm) & Weight (kg) (Grille)	Height	840										840					
	Width	840										840					
	Depth	248										298					
	Grille (mm)	950/950/37										950/950/37					
	Weight	23 (6)			23 (6)			24 (6)			24 (6)			26 (6)	29 (6)	29 (6)	29 (6)

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