

# Hitachi Air Conditioning

Engineered for tomorrow.

**SYSTEM  
FREE**

## 4-Way cassette RCI FSN3i

Hitachi's cost effective range of 4-Way cassettes are compact and lightweight for easy installation into false ceilings where space is limited.

These versatile units are suitable for installation in areas with very high ceilings – ideal for retail and shopping centres.



### Features and Benefits

- SYSTEM FREE** Cooling & Heating capacities from 2.5kW to 16kW
- SYSTEM FREE** Standard 900mm x 900mm design
- SYSTEM FREE** Super High Stream turbo fan with curved blades for 20% increased efficiency with noise levels as low as 28dB(A)
- SYSTEM FREE** Compact and lightweight for easy installation
- SYSTEM FREE** High ceiling adaptability
- SYSTEM FREE** Built-in condensate drain pump.

All Hitachi System Free indoor units are compatible with Hitachi's full range of commercial outdoor units.

## Optional Control Systems

### SYSTEM FREE PC-ART

Standard wired remote controller (inc. 7-day time clock)



PC-ART

### SYSTEM FREE PSC-A64GT

Touch Screen Central Controller (64 Groups, 160 Units)



PSC-A64GT

### SYSTEM FREE PC-ARF

Advanced wired LED controller (inc. 7-day time clock)



PC-ARF

### SYSTEM FREE CS Net Web

Web based controller



CS Net Web

### SYSTEM FREE Touch screen

For CS Net Web



TS002  
touchscreen

[www.hitachiaircon.com](http://www.hitachiaircon.com) | [www.hitachiheating.com](http://www.hitachiheating.com)

**HITACHI**  
Inspire the Next



RCI-FSN3Ei

SYSTEM  
**FREE**

## 4-Way Cassette

Indoor Unit		RCI 1.0FSN3Ei	RCI 1.5FSN3Ei	RCI 2.0FSN3Ei	RCI 2.5FSN3Ei
Nominal Cooling Capacity (Utopia System) <sup>(1)</sup>	kW	2.5	3.6	5.0	5.6
Nominal Heating Capacity (Utopia System) <sup>(2)</sup>	kW	2.8	4.0	5.6	6.3
UK Cooling Capacity Total/Sensible (Utopia)	kW	2.6 / 2.1	3.7 / 2.8	5.3 / 4.1	5.9 / 4.3
Nominal Cooling Capacity (Set Free System) <sup>(1)</sup>	kW	2.8	4.0	5.6	7.1
Nominal Heating Capacity (Set Free System) <sup>(2)</sup>	kW	3.2	4.8	6.3	8.5
UK Cooling Capacity Total/Sensible (Set Free)	kW	2.6 / 2.1	3.9 / 3.0	5.2 / 4.1	6.4 / 4.7
Noise Level (sound pressure) (L / M / H) <sup>(3)</sup>	dB(A)	28/30/32	28/30/32	28/30/32	28/30/32
Noise level (sound power)	dB(A)	54	54	54	54
Air flow cooling mode (L / M / H)	m <sup>3</sup> /h	660/720/780	720/840/900	720/840/960	900/1020/1200
Dimensions (H x W x D)	mm	248x840x840	248x840x840	248x840x840	248x840x840
Weight	Kg	23	23	24	24
Included Condensate Pump		yes	yes	yes	yes
Condensate Pump Lift	mm	850 mm from the bottom edge of the unit			
Drain Diameter (ext)		φ32mm	φ32mm	φ32mm	φ32mm
Piping Diameter (Liquid / Gas)	Inch	1/4 / 1/2	1/4 / 1/2	1/4 / 5/8	3/8 / 5/8
	mm	6.35 / 12.70	6.35 / 12.70	6.35 / 15.88	9.53 / 15.88
Power Input	W	40	50	50	60
Power supply		230V / 1Ph / 50Hz	230V / 1Ph / 50Hz	230V / 1Ph / 50Hz	230V / 1Ph / 50Hz
Recommended fuse size	A	5	5	5	5

Indoor Unit		RCI 3.0FSN3Ei	RCI 4.0FSN3Ei	RCI 5.0FSN3Ei	RCI 6.0FSN3Ei
Nominal Cooling Capacity (Utopia System) <sup>(1)</sup>	kW	7.1	10.0	12.5	14.0
Nominal Heating Capacity (Utopia System) <sup>(2)</sup>	kW	8.0	11.2	14.0	16.0
UK Cooling Capacity Total/Sensible (Utopia)	kW	7.7 / 6.1	10.6 / 8.3	13.2 / 9.8	15.7 / 11.5
Nominal Cooling Capacity (Set Free System) <sup>(1)</sup>	kW	8.0	11.2	14.0	16.0
Nominal Heating Capacity (Set Free System) <sup>(2)</sup>	kW	9.0	12.5	16.0	18.0
UK Cooling Capacity Total/Sensible (Set Free)	kW	7.5 / 5.9	10.5 / 8.2	12.7 / 9.4	14.8 / 10.8
Noise Level (sound pressure) (L / M / H) <sup>(3)</sup>	dB(A)	30/32/34	33/35/38	35/37/39	36/40/42
Noise level (sound power)	dB(A)	56	60	61	64
Air flow cooling mode (L / M / H)	m <sup>3</sup> /h	1200/1380/1560	1440/1680/1920	1500/1740/2040	1620/1920/2220
Dimensions (H x W x D)	mm	298x840x840	298x840x840	298x840x840	298x840x840
Weight	Kg	26	29	29	29
Included Condensate Pump		yes	yes	yes	yes
Condensate Pump Lift	mm	850 mm from the bottom edge of the unit			
Drain Diameter (ext)		φ32mm	φ32mm	φ32mm	φ32mm
Piping Diameter (Liquid / Gas)	Inch	3/8 / 5/8	3/8 / 5/8	3/8 / 5/8	3/8 / 5/8
	mm	9.53 / 15.88	9.53 / 15.88	9.53 / 15.88	9.53 / 15.88
Power Input	W	90	110	140	180
Power supply		230V / 1Ph / 50Hz	230V / 1Ph / 50Hz	230V / 1Ph / 50Hz	230V / 1Ph / 50Hz
Recommended fuse size	A	5	5	5	5

Grille panel		P-N23NA
Panel dimensions (H x W x D)	mm	37x950x950
Panel weight	Kg	6.0

<sup>(1)</sup> Cooling: Internal ambient 27°C (19°C WB) - Ambient 35°C; Refrigerant piping length 7.5m, level difference 0m.

<sup>(2)</sup> Heating: Internal ambient 20°C - Ambient 7°C (6°C WB); Refrigerant piping length 7.5m, level difference 0m.

<sup>(3)</sup> Sound pressure level measured at 1.5 meters below the unit (measured in anechoic room)

⊕ Unit Capacity Dipswitch available