

# Hitachi Air Conditioning

Engineered for tomorrow.

**SYSTEM  
FREE**

## Hi efficiency 4-Way cassette RCI FSN3

Hitachi's Hi efficiency 4-Way cassettes are ideal for energy conscious customers. Compact and lightweight the cassettes have a built-in motion sensor which reduces energy consumption and adjusts direction of airflow for higher efficiency.



### Features and Benefits

- SYSTEM FREE** Cooling & Heating capacities from 2.5kW to 16kW
- SYSTEM FREE** Standard 900mm x 900mm design
- SYSTEM FREE** New heat exchanger and turbo fan with curved blades for increased efficiency
- 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** Built-in condensate drain pump with ionic silver antibacterial pads to prevent mould and bacteria
- SYSTEM FREE** Suitable for installation in areas with very high ceilings – ideal for retail and shopping centres.

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-FSN3

SYSTEM  
FREE

## Hi Efficiency 4-Way Cassette

Indoor Unit		RCI 1.0FSN3	RCI 1.5FSN3	RCI 2.0FSN3	RCI 2.5FSN3
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 / 2.2	3.7 / 3.3	5.3 / 4.7	5.9 / 5.1
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 / 2.2	3.9 / 3.5	5.2 / 4.6	6.4 / 5.6
Noise Level (sound pressure) (L / M / H / H2) <sup>(3)</sup>	dB(A)	27/28/30/33	27/30/31/35	27/30/32/37	28/32/36/42
Noise level (sound power)	dB(A)	52	53	55	56
Air flow cooling mode (L / M / H / H2) <sup>(4)</sup>	m <sup>3</sup> /h	540/660/780/900	660/840/1020/1260	660/840/1020/1320	840/1080/1380/1620
Dimensions (H x W x D)	mm	248x840x840	248x840x840	248x840x840	248x840x840
Weight	Kg	20	21	21	22
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	60	80	150
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 3.0FSN3	RCI 4.0FSN3	RCI 5.0FSN3	RCI 6.0FSN3
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 / 6.2	10.6 / 8.2	13.2 / 9.5	15.7 / 10.8
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 / 6.1	10.5 / 8.1	12.7 / 9.1	14.8 / 10.2
Noise Level (sound pressure) (L / M / H / H2) <sup>(3)</sup>	dB(A)	28/32/36/42	33/39/43/48	35/40/45/48	37/41/46/48
Noise level (sound power)	dB(A)	57	64	64	65
Air flow cooling mode (L / M / H / H2) <sup>(4)</sup>	m <sup>3</sup> /h	840/1080/1380/1620	1200/1440/1860/2220	1260/1560/1980/2220	1320/1680/2100/2220
Dimensions (H x W x D)	mm	298x840x840	298x840x840	298x840x840	298x840x840
Weight	Kg	26	26	26	26
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	150	180	200	200
Power supply		230V / 1Ph / 50Hz	230V / 1Ph / 50Hz	230V / 1Ph / 50Hz	230V / 1Ph / 50Hz
Recommended fuse size	A	5	5	5	5

Standard Grille panel		P-AP160NA1
Panel dimensions (H x W x D)	mm	37x950x950
Panel weight	Kg	6.5

Optional Grille panel (with motion sensor)		P-AP160NAE
Panel dimensions (H x W x D)	mm	37x950x950
Panel weight	Kg	6.5

<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)

<sup>(4)</sup> 4 step fan speed and movement sensor are only available with PC-ARF remote controller

☉ Unit Capacity Dipswitch available