

# Hitachi Air Conditioning

Engineered for tomorrow.

**SYSTEM  
FREE**

## Ceiling Suspended RPC FSN2E

An innovative design has led to the creation of Hitachi's ultra-slim ceiling suspended unit.

Compact and modern, the units are ideal for areas without false ceilings and with limited wall space.



### Features and Benefits

- SYSTEM FREE** Cooling & Heating capacities from 5.0kW to 9.0kW
- SYSTEM FREE** Unit height only 163mm (2HP, 2.5HP & 3HP), particularly suitable for lowered ceilings
- SYSTEM FREE** Drain lines connectable in two alternate locations for easy installation
- SYSTEM FREE** Fully adjustable mounting brackets allow installation in even the smallest area
- SYSTEM FREE** Centrifugal multi-blade fan and outflow deflector with automatic movement creates a powerful, quiet and evenly distributed airflow.

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** CS Net Web

Web based controller



CS Net Web

#### **SYSTEM FREE** PC-ARF

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



PC-ARF

#### **SYSTEM FREE** Touch screen

For CS Net Web





TS002  
touchscreen



RPC-FSN2E

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## Ceiling Suspended


Indoor Unit		RPC 2.0FSN2E 	RPC 2.5FSN2E 	RPC 3.0FSN2E
Nominal Cooling Capacity (Utopia System) <sup>(1)</sup>	kW	5.0	5.6	7.1
Nominal Heating Capacity (Utopia System) <sup>(2)</sup>	kW	5.6	6.3	8.0
UK Cooling Capacity Total/Sensible (Utopia)	kW	5.3 / 3.8	5.9 / 4.2	7.7 / 5.5
Nominal Cooling Capacity (Set Free System) <sup>(1)</sup>	kW	5.6	7.1	8.0
Nominal Heating Capacity (Set Free System) <sup>(2)</sup>	kW	6.3	8.5	9.0
UK Cooling Capacity Total/Sensible (Set Free)	kW	5.2 / 3.7	6.4 / 4.6	7.5 / 5.4
Noise Level (sound pressure) (L / M / H) <sup>(3)</sup>	dB(A)	38/42/44	31/43/46	42/45/48
Noise level (sound power)	dB(A)	60	60	65
Air flow cooling mode (L / M / H)	m <sup>3</sup> /h	600/780/900	720/960/1080	900/1020/1260
Dimensions (H x W x D)	mm	163x1094x625	163x1314x625	163x1314x625
Weight	Kg	28	31	31
Included Condensate Pump		no	no	no
Drain Diameter (ext)		φ25mm	φ25mm	φ25mm
Piping Diameter (Liquid / Gas)	Inch	1/4 / 5/8	3/8 / 5/8	3/8 / 5/8
	mm	6.35 / 15.88	9.53 / 15.88	9.53 / 15.88
Power Input	W	130	130	170
Power supply		230V / 1Ph / 50Hz	230V / 1Ph / 50Hz	230V / 1Ph / 50Hz
Recommended fuse size	A	5	5	5

Indoor Unit		RPC 4.0FSN2E	RPC 5.0FSN2E	RPC 6.0FSN2E
Nominal Cooling Capacity (Utopia System) <sup>(1)</sup>	kW	10.0	12.5	14.0
Nominal Heating Capacity (Utopia System) <sup>(2)</sup>	kW	11.2	14.0	16.0
UK Cooling Capacity Total/Sensible (Utopia)	kW	10.6 / 7.6	13.2 / 9.5	15.7 / 11.2
Nominal Cooling Capacity (Set Free System) <sup>(1)</sup>	kW	11.2	14.0	16.0
Nominal Heating Capacity (Set Free System) <sup>(2)</sup>	kW	12.5	16.0	18.0
UK Cooling Capacity Total/Sensible (Set Free)	kW	10.5 / 7.6	12.7 / 9.1	14.8 / 10.7
Noise Level (sound pressure) (L / M / H) <sup>(3)</sup>	dB(A)	39/45/49	41/46/49	44/48/50
Noise level (sound power)	dB(A)	65	65	66
Air flow cooling mode (L / M / H)	m <sup>3</sup> /h	1140/1440/1800	1260/1680/2100	1620/1920/2220
Dimensions (H x W x D)	mm	225x1314x625	225x1574x625	225x1574x625
Weight	Kg	35	41	41
Included Condensate Pump		no	no	no
Drain Diameter (ext)		φ25mm	φ25mm	φ25mm
Piping Diameter (Liquid / Gas)	Inch	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
Power Input	W	180	230	230
Power supply		230V / 1Ph / 50Hz	230V / 1Ph / 50Hz	230V / 1Ph / 50Hz
Recommended fuse size	A	5	5	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)

 Unit Capacity Dipswitch available