

# Hitachi Air Conditioning

Engineered for tomorrow.

**SYSTEM  
FREE**

## Floor Mounted Cased RPF FSN2E Uncased RPI FSN2E

Hitachi's cost-effective, low height floor mounted units offer you full control of the temperature in your home or office. Positioned in similar areas to radiators the unit will complement any interior with temperature control at the touch of a button.



### Features and Benefits

- SYSTEM FREE** Cooling & Heating capacities from 2.5kW to 6.3kW
- SYSTEM FREE** The space saving design with a depth of 220mm and height of 630mm fits perfectly into the space below window sills allows the unit to be freely installed without spoiling the aesthetics of a room
- SYSTEM FREE** Storage slot for PC-ART remote controller (RPF)
- SYSTEM FREE** Adjustable direction of airflow between vertical and horizontal by repositioning the front panel (RPF)

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** **PC-ARH**  
Simple wired remote controller



PC-ARH

**SYSTEM FREE** **Touch screen**  
For CS Net Web



TS002  
touchscreen



RPF-FSN2E



RPF1-FSN2E

SYSTEM  
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## Floor Mounted (cased)

Indoor Unit		RPF 1.0FSN2E	RPF 1.5FSN2E	RPF 2.0FSN2E	RPF 2.5FSN2E
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 / 1.9	3.7 / 2.7	5.3 / 3.8	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 / 1.9	3.9 / 2.8	5.2 / 3.8	6.4 / 4.7
Noise Level (sound pressure) (L / M / H) <sup>(3)</sup>	dB(A)	29/32/35	31/35/38	32/36/39	34/38/42
Noise level (sound power)	dB(A)	57	60	60	60
Air flow cooling mode (L / M / H)	m <sup>3</sup> /h	360/420/510	540/600/720	660/840/960	660/840/960
Dimensions (H x W x D)	mm	630x1045x220	630x1170x220	630x1420x220	630x1420x220
Weight	Kg	25	28	33	34
Included Condensate Pump		no	no	no	no
Condensate Pump Lift	mm	-			
Drain Diameter (ext)		φ18.5mm	φ18.5mm	φ18.5mm	φ18.5mm
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	90	90
Power supply		230V / 1Ph / 50Hz	230V / 1Ph / 50Hz	230V / 1Ph / 50Hz	230V / 1Ph / 50Hz
Recommended fuse size	A	5	5	5	5

## Floor Mounted (uncased)

Indoor Unit		RPF1 1.0FSN2E	RPF1 1.5FSN2E	RPF1 2.0FSN2E	RPF1 2.5FSN2E
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 / 1.9	3.7 / 2.7	5.3 / 3.8	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 / 1.9	3.9 / 2.8	5.2 / 3.8	6.4 / 4.7
Noise Level (sound pressure) (L / M / H) <sup>(3)</sup>	dB(A)	29/32/35	31/35/38	32/36/39	34/38/42
Noise level (sound power)	dB(A)	57	60	60	60
Air flow cooling mode (L / M / H)	m <sup>3</sup> /h	360/420/510	540/600/720	660/840/960	660/840/960
Dimensions (H x W x D)	mm	620x848x220	620x973x220	620x1223x220	620x1223x220
Weight	Kg	25	28	33	34
Included Condensate Pump		no	no	no	no
Condensate Pump Lift	mm	-			
Drain Diameter (ext)		φ18.5mm	φ18.5mm	φ18.5mm	φ18.5mm
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	90	90
Power supply		230V / 1Ph / 50Hz	230V / 1Ph / 50Hz	230V / 1Ph / 50Hz	230V / 1Ph / 50Hz
Recommended fuse size	A	5	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

\* RPF/RPF1 2.0 -2.5FSN2E are not compatible with IXV Premium and Comfort outdoor units