

Hitachi Air Conditioning

Engineered for tomorrow.

**SYSTEM
FREE**

Wall Mounted RPK FSN3M

Hitachi's stylish wall mounted units are compact and lightweight for easy installation.

Ideal for residential, offices and retail outlets these units offer a cost effective solution.



Features and Benefits

- SYSTEM FREE** Cooling & Heating capacities from 2.0kW to 12.5kW
- SYSTEM FREE** New elegant design
- SYSTEM FREE** Compact and lightweight for easy installation
- SYSTEM FREE** Integrated infra red receiver for use with infra red remote controller, or optional hard wired remote control (PC-ARF, PC-ART or PC-ARH)
- SYSTEM FREE** RPK FSNH3M model also available. Remote expansion valve ensures very low noise – ideal for hotels.

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



RPK-FSN3M

**SYSTEM
FREE**

Wall mounted

Indoor Unit		RPK 0.8FSN3M	RPK 1.0FSN3M	RPK 1.5FSN3M	RPK 2.0FSN3M	RPK 2.5FSN3M	RPK 3.0FSN3M	RPK 4.0FSN3M
Nominal Cooling Capacity (Utopia System) ⁽¹⁾	kW	2.0	2.5	3.6	5.0	5.6	7.1	10.0
Nominal Heating Capacity (Utopia System) ⁽²⁾	kW	2.2	2.8	4.0	5.6	6.3	8.0	11.2
UK Cooling Capacity Total/Sensible (Utopia)	kW	2.1 / 1.9	2.6 / 2.0	3.7 / 3.0	5.3 / 3.8	5.9 / 4.4	7.7 / 5.9	10.6 / 7.5
Nominal Cooling Capacity (Set Free System) ⁽¹⁾	kW	2.2	2.8	4.0	5.6	7.1	8.0	11.2
Nominal Heating Capacity (Set Free System) ⁽²⁾	kW	2.5	3.2	4.8	6.3	8.5	9.0	12.5
UK Cooling Capacity Total/Sensible (Set Free)	kW	2.1 / 1.9	2.6 / 2.0	3.9 / 3.2	5.2 / 3.7	6.4 / 4.7	7.5 / 5.7	10.5 / 7.5
Noise Level (sound pressure) (L / M / H / H2) ⁽³⁾	dB(A)	30/32/35/39	30/32/35/39	33/36/40/46	33/38/40/42	36/40/43/49	36/40/43/49	41/46/49/51
Noise level (sound power)	dB(A)	53	53	58	57	59	59	64
Air flow cooling mode (L / M / H / H2) ⁽⁴⁾	m ³ /h	390/420/480/600	390/420/480/600	450/540/660/840	600/780/840/900	720/840/1020/1140	720/840/1020/1140	900/1020/1140/1320
Dimensions (H x W x D)	mm	300x790x230	300x790x230	300x790x230	333x1150x245	333x1150x245	333x1150x245	333x1150x245
Weight	Kg	10	10	11	17	18	18	18
Included Condensate Pump		no	no	no	no	no	no	no
Drain Diameter (ext)		φ16mm	φ16mm	φ16mm	φ16mm	φ16mm	φ16mm	φ16mm
Piping Diameter (Liquid / Gas)	Inch	1/4 / 1/2	1/4 / 1/2	1/4 / 1/2	1/4 / 5/8	3/8 / 5/8	3/8 / 5/8	3/8 / 5/8
	mm	6.35 / 12.70	6.35 / 12.70	6.35 / 12.70	6.35 / 15.88	9.53 / 15.88	9.53 / 15.88	9.53 / 15.88
Power Input	W	20	20	50	40	70	70	80
Power supply		230V / 1Ph / 50Hz						
Recommended fuse size	A	5	5	5	5	5	5	5

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

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

⁽³⁾ Sound pressure level measured at 1.0 meter below the unit and 1.0 meter from the air inlet (measured in anechoic room)

⁽⁴⁾ 4 step fan speed only available with PC-ARF remote controller

Unit Capacity Dipswitch available

Expansion Valve Kit		EV-1.5N1
Dimensions (H x W x D)	mm	164x360x109
Piping Diameter (Liquid) ⁽⁵⁾ L < 15m / (15m < L < 30m)	Inch	1/4 / (3/8)
	mm	6.35 / (9.52)
Piping Length (Expansion Valve Kit to I/U)	m	3 ~ 5
Power supply		Fed from I/U



⁽⁵⁾ Total piping length from Joint Kit to indoor unit < 30m (restrictions apply see Technical Catalogue)