

Hitachi Air Conditioning

Engineered for tomorrow.

**SYSTEM
FREE**

Ducted In the Ceiling RPI(M)FSN4E

This compact range of units from Hitachi can be discreetly positioned in ceilings. They are ideal for hotels, banks and similar applications, where very low noise levels are needed.



Features and Benefits

Low Height RPI-FSN4E

- SYSTEM FREE** DC Inverter fan motors deliver up to 40% reduction in energy consumption compared to previous model
- SYSTEM FREE** Very low noise
- SYSTEM FREE** Unit height less than 200mm, particularly suitable for lowered ceilings
- SYSTEM FREE** Adjustable return air configuration
- SYSTEM FREE** Automatic drainage pump eliminates condensation build up.

Slim width RPIM-FSN4E

- SYSTEM FREE** DC Inverter fan motors deliver up to 70% reduction in energy consumption compared to previous model
- SYSTEM FREE** Very low noise
- SYSTEM FREE** Designed for small spaces with maintenance access through the underside of the unit
- SYSTEM FREE** Easy maintenance, very compact and low noise – ideal for hotels
- SYSTEM FREE** Available with (or without) built-in condensate 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 PC-ARH

Simple wired remote controller



PC-ARH

SYSTEM FREE Touch screen

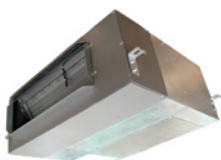
For CS Net Web



TS002
touchscreen



RPI-FSN4E



RPIM-FSN4E

**SYSTEM
FREE**

Ducted In the Ceiling (low-height hotel style)

Indoor Unit		RPI 0.8FSN4E	RPI 1.0FSN4E	RPI 1.5FSN4E
Nominal Cooling Capacity (Utopia System) ⁽¹⁾	kW	2.0	2.5	3.6
Nominal Heating Capacity (Utopia System) ⁽²⁾	kW	2.2	2.8	4.0
UK Cooling Capacity Total/Sensible (Utopia)	kW	2.1 / 1.7	2.6 / 2.1	3.7 / 2.7
Nominal Cooling Capacity (Set Free System) ⁽¹⁾	kW	2.2	2.8	4.0
Nominal Heating Capacity (Set Free System) ⁽²⁾	kW	2.5	3.2	4.8
UK Cooling Capacity Total/Sensible (Set Free)	kW	2.1 / 1.7	2.6 / 2.1	3.9 / 2.8
Noise Level (sound pressure) (L / M / H) ⁽³⁾ (SP-00)	dB(A)	29/31/33	29/31/33	29/31/34
Noise level (sound power) (SP-00)	dB(A)	61	61	62
Air flow cooling mode (L / M / H) ⁽³⁾ (SP-00)	m³/h	360/420/480	360/420/480	480/540/600
Static Pressure Nom. (min ~ max)	Pa	32 (0 - 50)	32 (0 - 50)	27 (0 - 52)
Dimensions (H x W x D)	mm	197x1084x600	197x1084x600	197x1084x600
Weight	Kg	29	29	30
Included Condensate Pump		yes	yes	yes
Condensate Pump Lift	mm	850 mm from the bottom edge of the unit		
Drain Diameter (ext)		φ32mm	φ32mm	φ32mm
Piping Diameter (Liquid / Gas)	Inch	1/4 / 1/2	1/4 / 1/2	1/4 / 1/2
	mm	6.35 / 12.70	6.35 / 12.70	6.35 / 12.70
Power Input	W	30	30	40
Power supply		230V / 1Ph / 50Hz	230V / 1Ph / 50Hz	230V / 1Ph / 50Hz
Recommended fuse size	A	5	5	5

Ducted In the Ceiling (slim-width hotel style)

Indoor Unit		RPIM 0.8FSN4E-(DU)	RPIM 1.0FSN4E-(DU)	RPIM 1.5FSN4E-(DU)
Nominal Cooling Capacity (Utopia System) ⁽¹⁾	kW	2.0	2.5	3.6
Nominal Heating Capacity (Utopia System) ⁽²⁾	kW	2.2	2.8	4.0
UK Cooling Capacity Total/Sensible (Utopia)	kW	2.1 / 1.7	2.6 / 2.1	3.7 / 2.6
Nominal Cooling Capacity (Set Free System) ⁽¹⁾	kW	2.2	2.8	4.0
Nominal Heating Capacity (Set Free System) ⁽²⁾	kW	2.5	3.2	4.8
UK Cooling Capacity Total/Sensible (Set Free)	kW	2.1 / 1.7	2.6 / 2.1	3.9 / 2.8
Noise Level (sound pressure) (L / M / H) ⁽³⁾ (SP-00)	dB(A)	27/29/31	27/29/31	28/30/33
Noise level (sound power) (SP-00)	dB(A)	59	59	61
Air flow cooling mode (L / M / H) (SP-00)	m³/h	360/480/480	360/480/480	480/600/600
Static Pressure Nom. (min ~ max)	Pa	32 (0 - 50)	32 (0 - 50)	27 (0 - 58)
Dimensions (H x W x D)	mm	275x702x600	275x702x600	275x702x600
Weight	Kg	26	26	26
Included Condensate Pump (DU model only)		yes	yes	yes
Condensate Pump Lift	mm	850 mm from the bottom edge of the unit (DU model only)		
Drain Diameter (ext)		φ25mm	φ25mm	φ25mm
Piping Diameter (Liquid / Gas)	Inch	1/4 / 1/2	1/4 / 1/2	1/4 / 1/2
	mm	6.35 / 12.70	6.35 / 12.70	6.35 / 12.70
Power Input	W	20	20	30
Power supply		230V / 1Ph / 50Hz	230V / 1Ph / 50Hz	230V / 1Ph / 50Hz
Recommended fuse size	A	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⁾ SP: Static Pressure settings via optional functions in the remote controller (SP-00 = Std; SP-01 High static pressure; SP-02 low static pressure)

Unit Capacity Dipswitch available