

# OTHERS

## Floor Concealed



### Dimensions

<b>RPFI-1.0FSN2E</b>	<b>19Kg</b>	
<b>RPFI-1.5FSN2E</b>	<b>23Kg</b>	



### Features

- Little installation space required thanks to only 220mm depth
- Only suction and discharge grilles visible (indoor aesthetics remains)

Model		RPFI-1.0FSNQ	RPFI-1.5FSNQ	RPFI-2.0FSNQ	RPFI-2.5FSNQ
<b>Power Supply</b>		AC1ϕ, 220-240V/50Hz			
<b>Nominal Cooling Capacity</b>	kW	2.8	4.3	5.6	7.1
	kcal/h	2,400	3,700	4,800	6,100
<b>Nominal Heating Capacity</b>	Btu/h	9,600	14,700	19,100	24,200
	kW	3.3	4.9	6.5	8.5
<b>Sound Pressure Level Hi-Me-Lo</b>	kcal/h	2,800	4,200	5,600	7,300
	Btu/h	11,300	16,700	22,200	29,000
<b>Dimensions H×W×D</b>	mm	620×900×202			
<b>Net Weight</b>	kg	18	22	26	27
<b>Refrigerant</b>		R410A			
<b>Air Flow Rate Hi-Me-Lo</b>	m <sup>3</sup> /min	8-7-6	10-8-7	14.5-12.5-10.5	16-14-12
<b>Motor</b>	W	16	25	40	45
<b>Connections</b>		Flare-Nut Connection (with Flare Nuts)			
<b>Piping</b>	<b>Liquid</b>	mm(in.)	φ6.35 (1/4)	φ6.35 (1/4)	φ9.52 (3/8)
	<b>Gas</b>	mm(in.)	φ12.7 (1/2)	φ15.88 (5/8)	φ15.88 (5/8)
<b>Condensate Drain</b>		VP25			
<b>Approximate Packing Measurement</b>	m <sup>3</sup>	0.19		0.23	

#### NOTES:

1. The nominal cooling capacity and heating capacity are based on following conditions:

Cooling Operation Conditions	
Indoor Air Inlet Temperature:	27°C DB (80°F DB)
	19.0°C WB (66.2°F WB)
Outdoor Air Inlet Temperature:	35°C DB (95°F DB)

Heating Operation Conditions	
Indoor Air Inlet Temperature:	20°C DB (68°F DB)
Outdoor Air Inlet Temperature:	7°C DB (45°F DB)
	6°C WB (43°F WB)
Piping Length:	7.5 Meters
Piping Lift:	0 Meter

2. The sound pressure level is based on following conditions.

1 meter from the unit and 1 meter from floor level.  
Ceiling use: 1 meter beneath the Unit and 1 meter from Discharge Grille.  
Voltage of the power source for the indoor fan motor is 220V. In case of the power source of 240V, the sound pressure level increases by about 1dB.  
The above data was measured in an anechoic chamber so that reflected sound should be taken into consideration in the field.

## Floor / Ceiling Convertible



### Dimensions

<b>RPFC-1.8-2.0FSNQ</b>	<b>31Kg</b>	
<b>RPFC-2.3-2.5FSNQ</b>	<b>32Kg</b>	
<b>RPFC-3.0FSNQ</b>	<b>39Kg</b>	
<b>RPFC-3.3FSNQ</b>	<b>40Kg</b>	
<b>RPFC-4.0FSNQ</b>	<b>41Kg</b>	
<b>RPFC-5.0FSNQ</b>	<b>47Kg</b>	



### Features

- Fully floor <-> Ceiling convertible
- Easy installation
- Drain-pump (optional)
- Fresh air in-take design

#### [Floor use]

- Smaller footprint: Only 230mm in depth
- Suitable for installation beneath a window thanks to the 680mm height

#### [Ceiling use]

- Supplies air to a wide area
- High ceiling use capability

Model		RPFC-1.8FSNQ	RPFC-2.0FSNQ	RPFC-2.3FSNQ	RPFC-2.5FSNQ	RPFC-3.0FSNQ	RPFC-3.3FSNQ	RPFC-4.0FSNQ	RPFC-5.0FSNQ	
<b>Indoor Unit Power Supply</b>		AC 1ϕ , 220-240V/50Hz, 220V/60Hz								
<b>Nominal Cooling Capacity</b>	kW	5.0	5.6	6.3	7.1	8.4	9.0	11.2	14.2	
	kcal/h	4,300	4,800	5,400	6,100	7,200	7,700	9,600	12,200	
<b>Nominal Heating Capacity</b>	Btu/h	17,100	19,100	21,500	24,200	28,700	30,700	38,200	48,500	
	kW	5.6	6.5	7.5	8.5	9.6	10.0	13.0	16.3	
<b>Sound Pressure Level (Overall A Scale)</b>	kcal/h	4,800	5,600	6,500	7,300	8,300	8,600	11,200	14,000	
	Btu/h	19,100	22,000	25,600	29,000	32,800	34,100	44,400	55,600	
<b>Dimensions</b>	<b>Height</b>	mm(in.)	230(9)	230(9)	230(9)	230(9)	230(9)	230(9)	230(9)	
	<b>Width</b>	mm(in.)	990(39)	990(39)	990(39)	990(39)	1,285(50-3/5)	1,285(50-3/5)	1,580(62-1/5)	
<b>Net Weight</b>	<b>Depth</b>	mm(in.)	680(26-3/4)	680(26-3/4)	680(26-3/4)	680(26-3/4)	680(26-3/4)	680(26-3/4)	680(26-3/4)	
	kg(lbs.)	31(68)	31(68)	32(70)	32(70)	39(86)	40(88)	41(90)	47(103)	
<b>Refrigerant</b>		R410A(Nitrogen-Charged for Corrosion-Resistance)								
<b>Indoor Fan</b>	<b>Air Flow Rate (Hi/Me/Lo)</b>	m <sup>3</sup> /min	780/660/540 (459/389/318)	780/660/540 (459/389/318)	966/840/678 (569/495/399)	966/840/678 (569/495/399)	1,092/912/732 (643/537/431)	1,164/978/798 (685/576/470)	1,488/1,230/978 (876/724/576)	1,980/1,680/1,380 (1,166/989/812)
	<b>Motor</b>	W	40	40	70	70	70	80	130	160
<b>Connections</b>		Flare-Nut Connection (with Flare Nuts)								
<b>Piping</b>	<b>Liquid Line</b>	mm(in.)	φ 6.35(1/4)	φ 6.35(1/4)	φ 6.35(1/4)	φ 6.35(1/4)	φ 9.53(3/8)	φ 9.53(3/8)	φ 9.53(3/8)	
	<b>Gas Line</b>	mm(in.)	φ 15.88(5/8)	φ 15.88(5/8)	φ 15.88(5/8)	φ 15.88(5/8)	φ 15.88(5/8)	φ 15.88(5/8)	φ 15.88(5/8)	
<b>Condensate Drain</b>		VP25								
<b>Approximate Packing Measurement</b>	m <sup>3</sup>	0.31	0.31	0.31	0.31	0.40	0.40	0.40	0.40	

#### NOTES:

1. The nominal cooling capacity is the combined capacity of the standard split system, and is based on the JIS standard B8616.

Cooling Operation Conditions	
Indoor Air Inlet Temperature:	27°C DB (80°F DB)
	19.0°C WB (66.2°F WB)
Outdoor Air Inlet Temperature:	35°C DB (95°F DB)

Heating Operation Conditions	
Indoor Air Inlet Temperature:	20°C DB (68°F DB)
Outdoor Air Inlet Temperature:	7°C DB (45°F DB)
	6°C WB (43°F WB)
Piping Length:	7.5 Meters
Piping Lift:	0 Meter

2. The sound pressure level is based on following conditions.  
1 meter from the unit.  
1 meter from floor level.

Voltage of the power source for the indoor fan motor is 220V. The above data was measured in an anechoic chamber so that reflected sound should be taken into consideration in the field.  
3. Wired Controller (JCWA10NEQ) connection will be available after March 2018.