Wall Mounted

Features

- Easy installation
- Simple design matching with any interior
- quiet operation (minimum 29 dB(A))

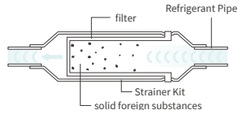
STRAINER KIT

Model	IDU to be installed		
MSF-NP112A1	RPK	2.5-4.0	FSN3M

What it is?

For the running of the cooling functions in VRF, the electric expansion valves of an indoor unit that is not in operation are fully closed. But if solid foreign substances enter the refrigerant piping at the time of installation, those solid foreign substances sometimes become stuck between the valve parts of the electric expansion valves, which prevents the valves from being completely closed (slightly opening); as a result, a small amount of refrigerant gas runs through the heat exchanger of an indoor unit that is not in operation and cools the heat exchanger. In addition, for a wall-mounted indoor unit, there were occasional cases in which the cooling of the fan beneath a heat exchanger caused dew condensation, and the condensed dew exploded from an aperture when the unit was put into operation. The unit therefore ensures that the solid foreign substances are caught without fail just before the electric expansion valves of a wall-mounted indoor unit, even if such solid foreign substances should have entered the Refrigerant pipes.

How it works?



A strainer kit catches foreign substances such as tiny particles of steel and copper powder that have entered the refrigerant piping.

Model			RPK-0.8FSNQS	RPK-1.0FSNQS	RPK-1.3FSNQS	RPK-1.5FSNQS	RPK-1.8FSNQS	RPK-2.0FSNQS	RPK-2.3FSNQS
Power Supply		V/Ph/Hz	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50
Capacity	Cooling	kW	2.2	2.8	3.6	4	5	5.6	6.3
	Heating	kW	2.5	3.3	4	4.5	5.6	6.3	7.1
Power Input		W	30	30	30	40	50	50	60
Current	Norminal	A	0.2	0.2	0.2	0.2	0.3	0.3	0.3
Air Flow Rate(H/M/L)		m^3/min	8.5/7.5/6.5	8.5/7.5/6.5	9.2/7.5/6.7	10/8.5/7.5	12/10.3/8.7	12/10.3/8.7	13.7/12/10.3
Dimension	Unit (W×H×D)	mm	780×280×220	780×280×220	780×280×220	780×280×220	1050×290×220	1050×290×220	1050×290×220
Weight	Unit	kg	10	10	10	10	12.5	12.5	12.5
Refrigerant Type		-	R410A	R410A	R410A	R410A	R410A	R410A	R410A
Noise (Anechoic)	H/M/L	dB(A)	38/36/32	38/36/32	41/38/36	41/38/36	42/39/35	42/39/35	45/42/39
Connections		-	Flare-Nut Connection (with Flare Nuts)						
Piping	Liquid/Gas	(ϕ)mm	6.35/12.7	6.35/12.7	6.35/12.7	6.35/12.7	6.35/12.7	6.35/12.7	6.35/12.7
	Drainage	mm	VP16	VP16	VP16	VP16	VP16	VP16	VP16
Packaging Volume		m^3	0.12	0.12	0.12	0.12	0.16	0.16	0.16

NOTES:

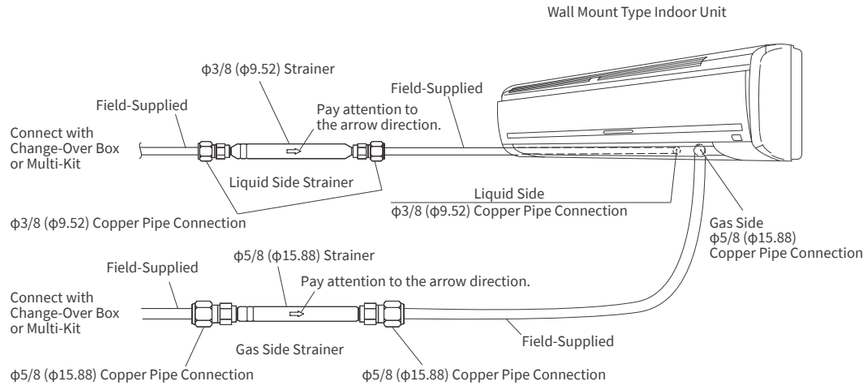
1.The cooling and heating capacities above show the maximum capacities when the outdoor and indoor temperature are under the following conditions.

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.
1.5 Meters Beneath the Unit.
The data in the table above was measured in an anechoic chamber so that reflected sound should be taken into consideration in the field.

MSF-NP112A1



Insulate all the refrigerant piping to prevent condensation. If piping is exposed to the ambient atmosphere, dew condenses over the piping surface and water drips.
In an instance where the piping size does not correspond with the strainer kit, use a reducer(field-supplied).