

FLOOR STANDING FDF



Wireless remote control (Option)

NEW



RCN-KIT4-E2

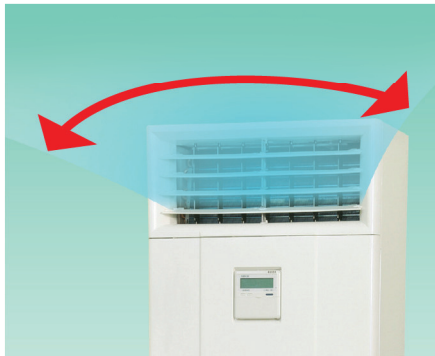


FDF 100/140

Point
1

Wide and powerful air flow

Wide and powerful air flow increase your comfort, realizing high efficiency in combination with our highly advanced outdoor units.



Point
2

Easy Transportation and Installation workability


Piping and drain hose connection can be selected out of 4-directions and the selection makes installation workability more effective. Due to slim design (Depth: 320mm), easy transportation and installation are realized.

Easy Maintenance

The surface of heat exchanger can be appeared only removing the front panel. Easy cleaning of heat exchanger is possible.



OUTDOOR UNIT

	<i>Micro Inverter</i>
FDC	100~140VS
model	
Chargeless	30m
Height x Width x Depth (mm)	845 x 970 x 370

SPECIFICATIONS

				<i>Micro Inverter</i>	
Set model name				FDF100VSVD	FDF140VSVD
Indoor unit				FDF100VD	FDF140VD
Outdoor unit				FDC100VS	FDC140VS
Power source				3 Phase 380-415V, 50Hz / 380V, 60Hz	
Nominal cooling capacity (Min~Max)		kW	10.0 (4.0 ~ 11.2)		14.0 (5.0 ~ 14.5)
Nominal heating capacity (Min~Max)		kW	11.2 (4.0 ~ 12.5)		16.0 (4.0 ~ 16.5)
Power consumption	Cooling/Heating	kW	3.12 / 3.10		5.15 / 5.31
EER/COP	Cooling/Heating		3.21 / 3.61		2.72 / 3.01
Inrush current		A	5		5
Max. current			15		15
Sound power level* 1	Indoor	Cooling/Heating	65 / 65		73 / 73
	Outdoor	Cooling/Heating	70 / 70		73 / 73
Sound pressure level* 1 ※1	Indoor	Cooling (Hi/Me/Lo)	50 / 48 / 44		50 / 48 / 44
		Heating (Hi/Me/Lo)	50 / 48 / 44		50 / 48 / 44
	Outdoor	Cooling/Heating	49 / 49		51 / 51
		Cooling (Hi/Me/Lo)	26 / 23 / 19		26 / 23 / 19
Air flow ※1	Indoor	Heating (Hi/Me/Lo)	26 / 23 / 19		26 / 23 / 19
		Cooling/Heating	75 / 73		75 / 73
	Outdoor	Cooling/Heating	75 / 73		75 / 73
Exterior dimensions	Indoor	HeightxWidthxDepth	1,850 x 600 x 320		
	Outdoor		845 x 970 x 370		
Net weight	Indoor		52		
	Outdoor		81	83	
Ref.piping size	Liquid/Gas	ømm	9.52(3/8") / 15.88(5/8")		
Refrigerant line (one way) length		m	Max.50		
Vertical height differences	Outdoor is higher/lower	m	Max.30 / Max.15		
Outdoor operating temperature range	Cooling	°C	-15~43*3		
	Heating		-20~20		
Air filter, Q'ty			Plastic net x 1(Washable)		
Remote control			wired:RC-E5 (installed) wireless:RCN-KIT4-E2 (option)		

※1 Powerful-Hi can be selected.

Sound pressure level: 100VSVD 54dB(A), 140VSVD 54dB(A)

Air flow: 100VSVD 29m³/min, 140VSVD 29m³/min

NOTES:

The data are measured under the following conditions(ISO-T1).

Cooling:Indoor temp. of 27°CDB, 19°CWB, and outdoor temp. of 35°CDB. Heating:Indoor temp. of 20°CDB, and outdoor temp. of 7°CDB, 6°CWB.

*1 : Indicates the value in an anechoic chamber. During operation these values are somewhat higher due to ambient conditions.

*2 : The values are for one indoor unit operation.

*3 : If a cooling operation is conducted when the outdoor air temperature is -5°C or lower, the outdoor unit should be installed at a place where it is not influenced by natural wind. If wind blows, the low pressure will drop and compressor frequency will increase, this will cause the capacity to drop and may cause the unit to break down.