

Micro Inverter [INDOOR UNIT]

CEILING CASSETTE -4way-

FDT



FDT 100/125/140VF

Remote control (Option)

Wired

Wireless



RC-EX1A



RC-E5



RCH-E3



RCN-T-36W-E

SPECIFICATIONS

			Micro Inverter					
Set model name			FDT100VNVF	FDT125VNVF	FDT140VNVF	FDT100VSVF	FDT125VSVF	FDT140VSVF
Indoor name			FDT100VF	FDT125VF	FDT140VF	FDT100VF	FDT125VF	FDT140VF
Outdoor name			FDC100VN	FDC125VN	FDC140VN	FDC100VS	FDC125VS	FDC140VS
Power source			1Phase 220-240V 50Hz, 1Phase 220V 60Hz			3Phase 380-415V 50Hz, 3Phase 380V 60Hz		
Nominal cooling capacity (Min~Max)	ISO-T1(JIS)	kW	10.0 (4.0~11.2)	12.5 (5.0~14.0)	14.0 (5.0~14.5)	10.0 (4.0~11.2)	12.5 (5.0~14.0)	14.0 (5.0~14.5)
Nominal heating capacity (Min~Max)	ISO-T1(JIS)	kW	11.2 (4.0~12.5)	14.0 (4.0~16.0)	16.0 (4.0~16.5)	11.2 (4.0~12.5)	14.0 (4.0~16.0)	16.0 (4.0~16.5)
Power consumption	Cooling/Heating	kW	2.76/2.74	4.05/3.77	4.98/4.57	2.76/2.74	4.05/3.77	4.98/4.57
COP	Cooling/Heating		3.62/4.09	3.09/3.71	2.81/3.50	3.62/4.09	3.09/3.71	2.81/3.50
Energy label	Cooling/Heating		A/A	B/A	C/B	A/A	B/A	C/B
Inrush current (Max. running current)		A	5(24)			5(15)		
Sound pressure level*1※	Indoor	dB(A)	Hi:40 Me:37 Lo:35	Hi:42 Me:40 Lo:37	Hi:43 Me:41 Lo:38	Hi:40 Me:37 Lo:35	Hi:42 Me:40 Lo:37	Hi:43 Me:41 Lo:38
	Outdoor		49	Cooling:50 Heating:51	51	49	Cooling:50 Heating:51	51
Sound power level*1	Outdoor	dB(A)	70	72	73	70	72	73
Air flow ※	Indoor	CMM	Hi:27 Me:24 Lo:20	Hi:30 Me:27 Lo:23	Hi:30 Me:27 Lo:23	Hi:27 Me:24 Lo:20	Hi:30 Me:27 Lo:23	Hi:30 Me:27 Lo:23
	Outdoor		Cooling:75 Heating:73			Cooling:75 Heating:73		
Indoor unit	Exterior dimensions	Height x Width x Depth	mm					
	Net weight	kg	Unit:298x840x840 Panel:35x950x950 32.5(Unit:27 Panel:5.5)					
	Panel	Unit+Panel	T-PSA-3BW-E					
	Air filter, Q'ty		Pocket Plastic net x1 (Washable)					
Outdoor unit	Remote control(option)		Wired:RC-EX1A, RC-E5, RCH-E3 Wireless:RCN-T-36W-E					
	Exterior dimensions	Height x Width x Depth	mm					
	Net weight	kg	81			83		
	Type of compressor		Rotary					
Range of usage	Ref.amount precharged	kg(m)	3.8(30)					
	Ref.piping size	Liquid/Gas	ø					
	Ref.piping length	m	50					
	Vertical height difference	O/U is higher	30					
Operating temperature range		O/U is lower	15					
	Cooling	O/U	-15~43*2					
	Heating	O/U	-20~20					

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 : 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.

* Powerful-Hi can be selected. Sound level: 100/125/140VNVF 51dB, 100/125/140VSVF 51dB

Air flow: 100/125/140VNVF 37CMM, 100/125/140VSVF 37CMM