

Standard Inverter [INDOOR UNIT]

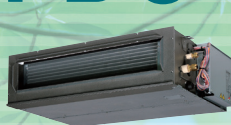
CEILING CASSETTE
4way

FDT



DUCT CONNECTED
High Static pressure

FDU



Low/Middle Static pressure

FDUM



CEILING SUSPENDED

FDEN



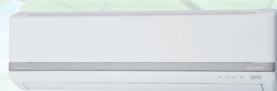
FLOOR STANDING

FDF



WALL MOUNTED

SRK

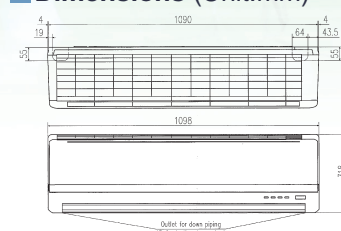


Filter kit (option)



UM-FL2EF : for 71
UM-FL3EF : for 100
(For FDUM)
external static pressure loss:5Pa

■ Dimensions (Unit:mm)



Remote control (Option)
Wired



RC-EX1A



RC-E5



RCH-E3

(For FDT, FDU, FDUM, FDE, SRK)

Wireless



RCN-TC-36W-E
(For FDT)



RCN-KIT3-E
(For FDU, FDUM, FDF)



RCN-E1R
(For FDEN)

SPECIFICATIONS

		Standard Inverter			
Set model name		FDT71VNPVF1	FDT90VNPVF1	FDU71VNPVF1	FDU90VNPVF1
Indoor unit		FDT71VF1	FDT100VF1	FDU71VF1	FDU100VF1
Outdoor unit		FDC71VNP	FDC90VNP	FDC71VNP	FDC90VNP
Power source		1 Phase 220-240V 50Hz, 1 Phase 220V 60Hz			
Nominal cooling capacity (Min~Max)		kW 7.1 (1.4 ~ 7.1)	9.0 (1.9 ~ 9.0)	7.1 (1.4 ~ 7.1)	9.0 (1.9 ~ 9.0)
Nominal heating capacity (Min~Max)		kW 7.1 (1.0 ~ 7.1)	9.0 (1.5 ~ 9.0)	7.1 (1.0 ~ 7.1)	9.0 (1.5 ~ 9.0)
Power consumption		Cooling/Heating kW 2.50 / 1.90	2.67 / 2.19	2.63 / 1.96	2.65 / 2.25
EER/COP		Cooling/Heating 2.84 / 3.74	3.37 / 4.11	2.70 / 3.62	3.40 / 4.00
Inrush current		220/230/240 V A 5	5	5	5
Max. running current		14.5	18.0	14.5	18.0
Sound power level*1		Indoor Cooling/Heating 64 / 64	65 / 65	65 / 65	65 / 65
		Outdoor Cooling/Heating 67 / 67	69 / 69	67 / 67	69 / 69
Sound pressure level*1 ※		Indoor Cooling (Hi/Me/Lo) dB(A) 35 / 33 / 31	40 / 37 / 35	33 / 29 / 25	38 / 36 / 30
		Heating (Hi/Me/Lo) 35 / 33 / 31	40 / 37 / 35	33 / 29 / 25	38 / 36 / 30
		Outdoor Cooling/Heating 54 / 54	57 / 55	54 / 54	57 / 55
Air flow ※		Indoor Cooling (Hi/Me/Lo) m³/min 21 / 19 / 17	27 / 24 / 20	19 / 15 / 10	28 / 25 / 19
		Heating (Hi/Me/Lo) 21 / 19 / 17	27 / 24 / 20	19 / 15 / 10	28 / 25 / 19
		Outdoor Cooling/Heating 36 / 36	63 / 49.5	36 / 36	63 / 49.5
Exterior dimensions		Indoor HeightxWidthxDepth mm unit: 246 x 840 x 840 panel: 35 x 950 x 950	unit: 298 x 840 x 840 panel: 35 x 950 x 950	280 x 950 x 635	280 x 1,370 x 740
		Outdoor 640 x 800 x 290	750 x 880 x 340	640 x 800 x 290	750 x 880 x 340
Net weight		Indoor kg 29.5 (unit: 24 panel: 5.5)	32.5 (unit: 27 panel: 5.5)	34	54
		Outdoor 45	57	45	57
Ref.piping size		Liquid/Gas ømm 6.35 / 12.7	9.52 / 15.88	6.35 / 12.7	6.35 / 15.88
Refrigerant line (one way) length		Max.30			
Vertical height differences		Max.20 / Max.20			
Outdoor operating temperature range		Cooling -15~46*2			
		Heating -15~20			
Air filter, Q'ty		Pocket Plastic net x1(Washable)		Procure locally	
Remote control (option)		wired:RC-EX1A, RC-E5, RCH-E3 wireless:RCN-T-36W-E		wired:RC-EX1A, RC-E5, RCH-E3 wireless:RCN-KIT3-E	

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 for FDT can be selected. Sound level : FDT71VNPVF1 46dB(A), FDT90VNPVF1 51dB(A) Air flow : FDT71VNPVF1 28m³/min, FDT90VNPVF1 37m³/min
Powerful-Hi for FDU can be selected. Sound level : FDU71VNPVF1 38dB(A), FDU90VNPVF1 44dB(A) Air flow : FDU71VNPVF1 24m³/min, FDU90VNPVF1 36m³/min