

Model			FDUM125VNVF	
Item			Indoor unit FDUM125VF	Outdoor unit FDC125VN
Power source			1 Phase 220-240V 50Hz / 220V 60Hz	
Operation data	Nominal cooling capacity (range)	kW	12.5 [5.0(Min.) ~ 14.0(Max.)]	
	Nominal heating capacity (range)	kW	14.0 [4.0(Min.) ~ 16.0(Max.)]	
	Power consumption	Cooling	3.90	
		Heating	3.88	
	Max power consumption		5.46	
	Running current	Cooling	17.5 / 18.3	
		Heating	17.4 / 18.2	
	Inrush current, max current		5, 24	
	Power factor	Cooling	97	
		Heating	97	
	EER	Cooling	3.21	
	COP	Heating	3.61	
	Sound power level	Cooling	67	72
		Heating		
Operation data	Sound pressure level	Cooling	P-Hi : 45 Hi : 40 Me : 34 Lo : 29	
		Heating	50	
	Silent mode sound pressure level		51	
			—	
Exterior dimensions (Height × Width × Depth)		mm	280 × 1370 × 740	
Exterior appearance (Munsell color)			Stucco White	
Net weight		kg	(4.2Y7.5/1.1)near equivalent	
Compressor type & Q'ty			81	
Compressor motor (Starting method)			RMT5126MDE2×1	
Refrigerant oil (Amount, type)			Direct line start	
Refrigerant (Type, amount, pre-charge length)			0.9 M-MA68	
Heat exchanger			R410A 3.8kg in outdoor unit (incl. the amount for the piping of : 30m)	
Refrigerant control			Louver fin & inner grooved tubing	
Fan type & Q'ty			Straight fin & inner grooved tubing	
Fan motor (Starting method)			Electronic expansion valve	
Air flow			Centrifugal fan ×3	
Available external static pressure			Propeller fan ×1	
Outside air intake			100 + 200 < Direct line start >	
Air filter, Quality / Quantity			86 < Direct line start >	
Shock & vibration absorber			75	
Electric heater			73	
Operation control			Standard : 60 Max : 100	
Safety equipments			Possible	
Installation data			Procure locally	
Refrigerant piping size (O.D.)			Rubber sleeve (for fan motor)	
Connecting method			Rubber sleeve (for compressor)	
Attached length of piping			—	
Insulation for piping			20 (Crank case heater)	
Refrigerant line (one way) length			(option) wired : RC-EX1A, RC-E5, RCH-E3 wireless : RCN-KIT3-E	
Vertical height diff. between O.U. and I.U.			Thermostat by electronics	
Drain hose			—	
Drain pump, max lift height			Overload protection for fan motor.	
Recommended breaker size			Frost protection thermostat.	
L.R.A. (Locked rotor ampere)			Internal thermostat for fan motor.	
Interconnecting wires			Abnormal discharge temperature protection.	
IP number			Liquid line: I/U φ 9.52 (3/8") Pipe φ 9.52(3/8")×0.8 O/U φ 9.52 (3/8")	
Standard accessories			Gas line: φ 15.88 (5/8") φ 15.88(5/8")×1.0 φ 15.88 (5/8")	
Option parts			Flare piping	
Note (1) The data are measured at the following conditions.			Flare piping	
The pipe length is 7.5m.			Necessary (both Liquid & Gas lines)	
Item			Max.50m	
Indoor air temperature			Max.30m (Outdoor unit is higher)	
Outdoor air temperature			Max.15m (Outdoor unit is lower)	
DB			Hose connectable with VP25 (O.D.32)	
WB			Holes size φ20 × 3pcs	
Cooling			Built-in Drain pump, 600	
Heating			—	
27°C			—	
19°C			—	
35°C			—	
24°C			—	
20°C			—	
—			—	
7°C			—	
6°C			—	
60Pa			—	
ISO5151-T1			—	
(2) This air-conditioner is manufactured and tested in conformity with the ISO.			—	
(3) Sound level indicates the value in an anechoic chamber. During operation these value are somewhat higher due to ambient conditions.			—	
(4) Select the breaker size according to the own national standard.			—	
(5) When wireless remote control is used, fan is 3 speed setting (Hi-Me-Lo) only.			—	
(6) The operation data indicate when the air-conditioner is operated at 230V50Hz or 220V60Hz.			—	
(7) Static pressure of optional air filter "UM-FL3EF" is 5Pa initially.			—	
(8) The external static pressure setting can be changed to 10-100Pa. (For RC-EX1A and RC-E5 only)			—	