

Item		Model		FDUA140AVNXVWH	
				Indoor unit <b>FDUA140VH</b>	Outdoor unit <b>FDCA140VNX-W</b>
Power source				1 Phase 220 — 240V 50Hz	
Operation data	Nominal cooling capacity (range)		kW	14.0 [ 5.0(Min.) — 14.5(Max.)]	
	Nominal heating capacity (range)		kW	16.0 [ 4.0(Min.) — 18.0(Max.)]	
	Power consumption	Cooling	kW	4.02	
		Heating		4.19	
	Max power consumption			5.77	
	Running current	Cooling	A	17.8	
		Heating		18.6	
	Inrush current, max current			5, 30	
	Power factor	Cooling	%	98	
		Heating		98	
	EER			3.48	
	COP			3.82	
	Sound power level	Cooling	dB(A)	73	
Heating		69			
Sound pressure level	Cooling	dB(A)	P-Hi: 48 Hi: 47 Me: 43 Lo: 38		
	Heating		P-Hi: 49 Hi: 47 Me: 43 Lo: 39		
Silent mode sound pressure level			—		
			50 /49(Normal/Silent)		
			51 /48(Normal/Silent)		
Exterior dimensions (Height x Width x Depth)		mm	398x1450x930		
Exterior appearance (Munsell color)			—		
(RAL color)			Stucco white (4.2Y7.5/1.1) near equivalent (RAL 7044) near equivalent		
Net weight		kg	66		
Compressor type & Q'ty			—		
Compressor motor (Starting method)		kW	—		
Refrigerant oil (Amount, type)		L	—		
Refrigerant (Type, amount, pre-charge length)		kg	R32 4.0 in outdoor unit (Incl. the amount for the piping of 30m)		
Heat exchanger			Louver fin & inner grooved tubing	M shape fin & inner grooved tubing	
Refrigerant control			Electronic expansion valve		
Fan type & Q'ty			Centrifugal fan x2	Propeller fan x2	
Fan motor (Starting method)		W	350 < Direct line start >	86x2 < Direct line start >	
Air flow	Cooling	m³/min	P-Hi: 60 Hi: 52 Me: 44 Lo: 36		
	Heating		100		
Available external static pressure		Pa	Standard: 60 Max: 150	—	
Outside air intake			Possible		
Air filter, Quality / Quantity			Procure locally		
Shock & vibration absorber			Rubber sleeve(for fan motor)	Rubber sleeve (for fan motor & compressor)	
Electric heater		W	—	20(Crank case heater)	
Operation control	Remote control		(Option) Wired : RC-EXZ3A , RC-E5 , RCH-E3 Wireless : RCN-KIT4-E2		
	Room temperature control		Thermostat by electronics		
	Operation display		—		
Safety equipments			Overload protection for fan motor Frost protection thermostat Internal thermostat for fan motor Abnormal discharge temperature protection		
Installation data	Refrigerant piping size (O.D)	Liquid line	1/2" φ 9.52 (3/8") Pipe φ 9.52 (3/8")x0.8 O/U φ 9.52 (3/8")		
		Gas line	φ 15.88 (5/8") φ 15.88(5/8")x1.0 φ 15.88 (5/8")		
	Connecting method			Flare piping	
	Attached length of piping		m	—	
	Insulation for piping			Necessary (both Liquid & Gas lines)	
	Refrigerant line (one way) length		m	Max.100m	
Vertical height diff. between O/U and I/U		m	Max.30m (Outdoor unit is higher)	Max.15m (Outdoor unit is lower)	
Drain hose			Hose connectable VP25 (I.D.25, O.D.32)	Hole size φ 20 x 3 pcs.	
Drain pump, max lift height		mm	Built-in drain pump , 850		
Recommended breaker size		A	—		
L.R.A. (Locked rotor ampere)		A	5.0		
Interconnecting wires		Size x Core number	φ 1.6mm x3 cores + earth cable / Terminal block (Screw fixing type)		
IP number			IPX0	IP24	
Standard accessories			Mounting kit, Drain hose	—	
Option parts			Motion sensor : LB-KIT2		

Notes (1) The data are measured at the following conditions.

The pipe length is 7.5m.

Operation	Item	Indoor air temperature		Outdoor air temperature		External static pressure of indoor unit	Standards
		DB	WB	DB	WB		
Cooling		27°C	19°C	35°C	24°C	60Pa	AS / NZS 3823.2
Heating		20°C	—	7°C	6°C		

- (2) This air-conditioner is manufactured and tested in conformity with the ISO and AS/NZS.
- (3) Sound level indicates the value in an anechoic chamber. During operation these values are somewhat higher due to ambient conditions.
- (4) Select the breaker size according to the own national standard.
- (5) The operation data indicate when the air-conditioner is operated at 230V 50Hz.
- (6) The factory E.S.P. setting is set within the range of 80 - 150 Pa.If SW8-4 is turned to "ON", E.S.P. setting range can be changed to 10 - 150 Pa.(For RC-EXZ3A and RC-E5 only)