

(4) Duct connected-High static pressure type (FDUA)

| Item | | | Model | FDUA125AVNXVWH | | |
|---|-----------------------------------|--------------------|---|--|--|--|
| | | | | Indoor unit FDUA125VH | Outdoor unit FDCA125VNX-W | |
| Power source | | | | 1 Phase 220 — 240V 50Hz | | |
| 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.) — 17.0(Max.)] | | |
| | Power consumption | Cooling | kW | 3.83 | | |
| | | Heating | | 3.68 | | |
| | Max power consumption | | | 6.13 | | |
| | Running current | Cooling | A | 17.0 | | |
| | | Heating | | 16.3 | | |
| | Inrush current, max current | | | 5, 29 | | |
| | Power factor | Cooling | % | 98 | | |
| | | Heating | | 98 | | |
| | EER | Cooling | | 3.26 | | |
| | COP | Heating | | 3.80 | | |
| | Sound power level | Cooling | dB(A) | 71 | 68 | |
| | | Heating | | 72 | 70 | |
| Sound pressure level | Cooling | dB(A) | P-Hi: 46 Hi: 44 Me: 42 Lo: 38 | | 53 | |
| | Heating | | | | 54 | |
| Silent mode sound pressure level | Cooling | dB(A) | — | | 50 /49(Normal/Silent) | |
| | Heating | | — | | 50 /48(Normal/Silent) | |
| Exterior dimensions (Height x Width x Depth) | | | mm | 398x1150x650 | | |
| Exterior appearance (Munsell color) (RAL color) | | | | Stucco white (4.2Y7.5/1.1) near equivalent (RAL 7044) near equivalent | | |
| Net weight | | | kg | 52 | | |
| 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: 43 Hi: 39 Me: 36 Lo: 30 | | 100 | |
| | Heating | | | | | |
| Available external static pressure | | | Pa | Standard: 60 Max: 200 | — | |
| 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 | mm | 1/11 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 , 600 | | |
| 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 - 200 Pa.(For RC-EXZ3A and RC-E5 only)