

1. SPECIFICATIONS

Model SRK25ZMP-S

| Item | | Model | SRK25ZMP-S | | |
|---|---|---|--|-------------------------------------|----|
| | | | Indoor unit SRK25ZMP-S | Outdoor unit SRC25ZMP-S | |
| Power source | | | 1 Phase, 220 - 240V, 50Hz | | |
| Operation data | Nominal cooling capacity (range) | kW | 2.5 (0.9 (Min.) - 2.8 (Max.)) | | |
| | Nominal heating capacity (range) | kW | 2.8 (0.8 (Min.) - 3.9 (Max.)) | | |
| | Power consumption | Cooling | kW | 0.780 (0.25 - 1.01) | |
| | | Heating | | 0.755 (0.20 - 1.43) | |
| | Max power consumption | | 1.65 | | |
| | Running current | Cooling | A | 3.9 / 3.8 / 3.6 (220 / 230 / 240 V) | |
| | | Heating | | 3.8 / 3.7 / 3.5 (220 / 230 / 240 V) | |
| | Inrush current, max current | | 3.9 / 3.8 / 3.6 (220 / 230 / 240 V) Max. 9 | | |
| | Power factor | Cooling | % | 90 | |
| | | Heating | | 89 | |
| | EER | Cooling | | 3.21 | |
| | COP | Heating | | 3.71 | |
| | Sound power level | Cooling | dB(A) | 59 | 60 |
| Heating | | 58 | | 59 | |
| Sound pressure level | Cooling | dB(A) | Hi: 45 Me: 34 Lo: 23 | 47 | |
| | Heating | | Hi: 43 Me: 34 Lo: 26 | 45 | |
| Silent mode sound pressure level | | | — | — | |
| Exterior dimensions (Height x Width x Depth) | mm | 262 x 769 x 210 | 540 x 645(+57) x 275 | | |
| Exterior appearance (Munsell color) | | Fine snow (8.0Y 9.3/0.1) near equivalent | Stucco white (4.2Y 7.5/1.1) near equivalent | | |
| Net weight | kg | 6.9 | 25 | | |
| Compressor type & Q'ty | | — | RM-B5077MDE5(Rotary type) x 1 | | |
| Compressor motor (Starting method) | kW | — | 0.75 (Inverter driven) | | |
| Refrigerant oil (amount, type) | ℓ | — | 0.3 (DIAMOND FREEZE MA68) | | |
| Refrigerant (Type, amount, pre-charge length) | kg | R410A 0.655 in outdoor unit (incl. the amount for the piping of 10m) | | | |
| Heat exchanger | | Louver fins & inner grooved tubing | M fins & inner grooved tubing | | |
| Refrigerant control | | Capillary tubes + Electronic expansion valve | | | |
| Fan type & Q'ty | | Tangential fan x 1 | Propeller fan x 1 | | |
| Fan motor (stating method) | W | 30 x1 (Direct drive) | 24 x1 (Direct drive) | | |
| Air flow | Cooling | m ³ /min | Hi: 10.1 Me: 7.3 Lo: 4.2 | 26.0 | |
| | Heating | | Hi: 9.5 Me: 7.3 Lo: 5.2 | 19.7 | |
| Available external static pressure | Pa | 0 | 0 | | |
| Outside air intake | | Not possible | — | | |
| Air filter, Quality / Quantity | | Polypropylene net (washable) | — | | |
| Shock & vibration absorber | | Rubber sleeve (for fan motor) | Rubber sleeve (for fan motor & compressor) | | |
| Electric heater | | — | — | | |
| Operation control | Remote control | Wireless-Remote control | | | |
| | Room temperature control | Microcomputer thermostat | | | |
| | Operation display | RUN: Green, TIMER: Yellow | | | |
| Safety equipments | | Compressor overheat protection, Overcurrent protection, Frost protection, Serial signal error protection, Indoor fan motor error protection, Heating overload protection (High pressure control), Cooling overload protection | | | |
| Installation data | Refrigerant piping size (O.D) | mm | Liquid line : ϕ 6.35 (1/4") Gas line : ϕ 9.52 (3/8") | | |
| | Connecting method | | Flare connection | Flare connection | |
| | Attached length of piping | m | Liquid line : 0.39 / Gas line : 0.32 | — | |
| | Insulation for piping | | Necessary (Both sides), independent | | |
| | Refrigerant line (one way) length | m | Max. 15 | | |
| | Vertical height diff. between O.U. and I.U. | m | Max. 10 (Outdoor unit is higher) / Max. 10 (Outdoor unit is lower) | | |
| Drain hose | | Hose connectable (VP 16) | Holes ϕ 20 x 2 pcs | | |
| Drain pump, max lift height | mm | — | — | | |
| Recommended breaker size | A | 16 | | | |
| L.R.A. (Locked rotor ampere) | A | 3.9 / 3.8 / 3.6 (220 / 230 / 240 V) | | | |
| Interconnecting wires | Size x Core number | 1.5mm ² x 4 cores (Including earth cable) / Terminal block (Screw fixing type) | | | |
| IP number | | IPX0 | IPX4 | | |
| Standard accessories | | Mounting kit | | | |
| Option parts | | — | | | |

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

The pipe length is 7.5m.

| operation | item | Indoor air temperature | | Outdoor air temperature | | Standards |
|-----------|------|------------------------|------|-------------------------|------|------------|
| | | DB | WB | DB | WB | |
| Cooling | | 27°C | 19°C | 35°C | 24°C | ISO5151-T1 |
| Heating | | 20°C | — | 7°C | 6°C | |

(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) The refrigerant quantity to be charged includes the refrigerant in 10 m connecting piping. (purging is not required even for the short piping.)

If the piping length is longer, when it is 10 to 15 m, add 20 g refrigerant per meter.

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