| Technical Specifications | | | |
|---|---|---|---|
| **Split-type Inverter** | | | |
| Parameter | | Unit | Value |
| Model | | -- | SMVC12B-2A2A3NB |
| Power Supply | Rated Voltage | V～ | 220-240 |
| | Rated Frequency | Hz | 50 |
| | Phases | -- | 1 |
| | Power Supply Mode | -- | Indoor |
| Cooling(Standard Conditions) | Capacity | Btu/h | 12000 |
| | Capacity | W | 3517 |
| | Power Input | W | 1250 |
| | Current | A | 5.5 |
| | EER | W/W | 2.81 |
| | EER | (Btu/h)/W | 9.60 |
| | CSPF | W/W | 4.5 |
| Heating(Standard Conditions) | Capacity | Btu/h | / |
| | Capacity | W | / |
| | Power Input | W | / |
| | Current | A | / |
| | COP | W/W | / |
| | COP | (Btu/h)/W | / |
| | HSPF | W/W | / |
| Cross-sectional Area of Power Cable Conductor | | $mm^2$ | 1 |
| Recommended Power Cable(Core) | | -- | 3 |
| Min/Max. Voltage | | V | 185/264 |
| Rated Input | | W | 1700 |
| Rated Current | | A | 7.5 |
| Starting Current | | A | / |
| Air Flow Volume | | $m^3/h$ | 650/550/470/360 |
| Dehumidifying Volume | | L/h | 1.2 |
| Application Area | | $m^2$ | 12~18 |
| | Indoor Unit Model | -- | SMVC12B-2A2A3NB(I) |
| | Fan Type | -- | Cross-flow |
| | Fan Diameter Length(D×L) | mm | Φ97.5×633 |

| | | | |
|---|---|---|---|
| **Indoor Unit** | Fan Motor model | -- | SGN20G-ZL |
| | Cooling Speed | r/min | 1350/1250/1100/900 |
| | Heating Speed | r/min | / |
| | Fan Motor Power Output | W | 20 |
| | Fan Motor RLA | A | 0.1 |
| | Fan Motor Capacitor | μF | / |
| | Evaporator Form | -- | Aluminum Fin-copper Tube |
| | Evaporator Pipe Diameter | mm | φ5 |
| | Swing Motor Model | -- | 24BJ-A1 |
| | Swing Motor Power Output | W | 1.5 |
| | Fuse Current | A | 3.15 |
| | Set Temperature Range | ℃ | 16～30 |
| | Sound Pressure Level | dB (A) | 43/40/38/33 |
| | Dimension (W×H×D) | mm | 821x283x200 |
| | Dimension of Carton Box (L×W×H) | mm | 870x343x270 |
| | Dimension of Package(L×W×H) | mm | 876x348x282 |
| | Stacked Layers | — | 7 |
| | Net Weight | kg | 8 |
| | Gross Weight | kg | 9.5 |
| | Outdoor Unit Model | -- | SMVC12B-2A2A3NB(O) |

| | | |
|---|---|---|
| Compressor Trademark | | LANDA |
| Compressor Manufacturer | -- | ZHUHAI LANDA COMPRESSOR CO., LTD. |
| Compressor Model | -- | QXF-A098zC130H |
| Compressor Oil | -- | ESTER OIL VG74 |
| Compressor Type | -- | Rotary |
| Compressor RLA | A | 4.2 |
| Compressor LRA | A | / |
| Compressor Power Input | W | 862 |
| Fan Type | -- | Axial-flow |
| Fan Diameter | mm | Φ420 |
| Fan Motor model | -- | SGW30E-ZL |
| Fan Motor Speed | rpm | 900 |
| Fan Motor Power Output | W | 30 |
| Fan Motor RLA | A | 0.50 |
| Fan Motor Capacitor | μF | / |
| Outdoor Unit Air Flow Volume | $m^3/h$ | 2300 |
| Condenser Form | -- | Aluminum Fin-copper Tube |
| Condenser Pipe Diameter | mm | φ5 |

| | | | |
|---|---|---|---|
| **Outdoor Unit** | Permissible Excessive Operating Pressure for the Discharge Side | MPa | 4.3 |
| | Permissible Excessive Operating Pressure for the Suction Side | MPa | 2.5 |
| | Maximum Allowable Pressure | MPa | 4.3 |
| | Cooling Operation Ambient Temperature Range | ℃ | 18~43 |
| | Heating Operation Ambient Temperature Range | ℃ | / |
| | Throttling Method | -- | Capillary |
| | Defrosting Method | -- | Automatic Defrosting |
| | Climate Type | -- | T1 |
| | Climate Zone | -- | Subtropical Zone |
| | Isolation | -- | I |
| | Moisture Protection | -- | IPX4 |
| | Sound Pressure Level | dB (A) | 53 |
| | Dimension (W×H×D) | mm | 810x556x326 |
| | Dimension of Carton Box (L×W×H) | mm | 837x595x365 |
| | Dimension of Package(L×W×H) | mm | 840x615x368 |

| | | | |
|---|---|---|---|
| | Stacked Layers | -- | 5 |
| | Net Weight | kg | 21.5 |
| | Gross Weight | kg | 23 |
| | Refrigerant | -- | R32 |
| | Refrigerant Charge | kg | 0.42 |