

**3. Specification**

**3.1 DVM**

3.1.1 Outdoor units

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Model name | | | | AM140JXVHGR/ET |  |  |
| Power supply | | | Ø, #, V, Hz | 3,4,380-415,50Hz |  |  |
| Mode | | | - | HEAT RECOVERY |  |  |
| Performance | HP/TON | | HP/TON | 14 |  |  |
| Capacity(Nominal) | Cooling | kW | 40 |  |  |
| Kcal/h | 34400 |  |  |
| Cooling 46°C | kW | - |  |  |
| Kcal/h | N/A |  |  |
| Heating | kW | 45 |  |  |
| Kcal/h | 38700 |  |  |
| -20 °C | Heating(Low ambient temp.) | kW | - |  |  |
| Kcal/h | N/A |  |  |
| Power | Power Input(Nominal) | Cooling | kW | 8.89 |  |  |
| Heating | kW | 10.24 |  |  |
| Power Input (at specific) | | kW | N/A |  |  |
| Current Input(Nominal) | Cooling | A | 14.3 |  |  |
| Heating | A | 16.4 |  |  |
| Max. Current Input | | A | 25 |  |  |
| Circuit Breaker | | A | 32 |  |  |
| COP | Cooling | | - | 4.50 |  |  |
| Heating | | - | 4.39 |  |  |
| Compressor | Type | | - | SSC Scrollx1 |  |  |
| Output | | kW × n | 6.39x1 |  |  |
| Fan | Type | | - | Propeller |  |  |
| Output | | W | 620x2 |  |  |
| Number of Units | | EA | 2 |  |  |
| Air Flow Rate | | CMM | 255.00x2 |  |  |
| External Static Pressure | Max. | mmAq | 8 |  |  |
| Piping Connections | Liquid Pipe | | Ø,mm(in) | 12.7(1/2") |  |  |
| Gas Pipe | | Ø,mm(in) | 28.58(1 1/8") |  |  |
| Discharge Gas Pipe | | Ø,mm(in) | 22.22(7/8") |  |  |
| Oil Equalizing Pipe | | Ø,mm(in) | N/A(N/A) |  |  |
| Field Wiring | Power Source Wire | | mm2 | - |  |  |
| Transmission Cable | | mm2 | 0.75/ |  |  |
| Refrigerant | Type | | - | R410A |  |  |
| Factory Charging | | kg | 9.400 |  |  |
| Sound | Sound pressure | | dB(A) | 61 |  |  |
| External Dimension | Net Weight | | kg | 254.000 |  |  |
| Shipping Weight | | kg | 273.000 |  |  |
| Net Dimensions (WxHxD) | | mm | 1295.00x1695.00x765.00 |  |  |
| Shipping Dimensions (WxHxD) | | mm | 1363.00x1887.00x832.00 |  |  |
| Operating Temp. Range | Cooling | | °C | -15.00~48.00 |  |  |
| Heating | | °C | -25.00~24.00 |  |  |