



Tropical Application-R22

Specification

| Nominal ton | | (Ton) | 3 | 3 | 4 | 5 | |
|------------------------|-----------------------|---------------------|--------------------|--------------------|--------------------|--------------------|-------|
| Model | | | APRGT-36CD | APRGT-36CD-R1 | APRGT-48CD-R1 | APRGT-60CD-R1 | |
| Power Supply | | V,Ph,Hz | 220~240V,1Ph,50Hz | 380~415V,3Ph,50Hz | 380~415V,3Ph,50Hz | 380~415V,3Ph,50Hz | |
| Cooling | Cooling Capacity(1) | Btu/h | 36000 | 36000 | 48000 | 55000 | |
| | | kW | 10.5 | 10.5 | 14 | 16 | |
| | Power Input(1) | kW | 3.6 | 3.5 | 5.03 | 5.72 | |
| | | Cooling Capacity(2) | Btu/h | 32000 | 32000 | 42700 | 48500 |
| | kW | | 9.4 | 9.4 | 12.8 | 14.2 | |
| Power Input(2) | kW | 4.3 | 4.3 | 6.02 | 6.23 | | |
| | Heating | Heating Capacity | Btu/h | — | — | — | — |
| kW | | | — | — | — | — | |
| Power Input | | kW | — | — | — | — | |
| Max.input consumption | | kW | 5.5 | 5.1 | 7.4 | 8.4 | |
| Max.current | | A | 28.1 | 9 | 12.6 | 14.3 | |
| Performance | Indoor fan air flow | | CFM | 1270 | 1270 | 1670 | 1670 |
| | ESP | | Pa | 40 | 40 | 50 | 50 |
| | EER1 | | Btu/h/W | 10 | 10 | 10 | 10 |
| | EER2 | | Btu/h/W | 7.5 | 7.5 | 7.5 | 7.5 |
| | COP | | Btu/h/W | / | / | / | / |
| Indoor Coil | Number of rows | | | 3 | 3 | 4 | 4 |
| | Fin spacing | mm | 1.7 | 1.7 | 1.3 | 1.3 | |
| | | inch | 1/16" | 1/16" | 1/19" | 1/19" | |
| | Tube diameter | mm | 9.53 | 9.53 | 9.53 | 9.53 | |
| inch | | 3/8" | 3/8" | 3/8" | 3/8" | | |
| Indoor Fan | Type | | Centrifugal Blower | Centrifugal Blower | Centrifugal Blower | Centrifugal Blower | |
| | Quantity | | 1 | 1 | 1 | 1 | |
| | Drive type | | Direct | Direct | Direct | Direct | |
| | Motor quantity | | 1 | 1 | 1 | 1 | |
| Compressor | Type | | Scroll | Scroll | Scroll | Scroll | |
| | Quantity | | 1 | 1 | 1 | 1 | |
| | Brand | | Copeland | Copeland | Copeland | Copeland | |
| | Capacity | Btu/h | 35000 | 35000 | 46600 | 56000 | |
| Refrigerant oil charge | | ml | 1242 | 1242 | 1952 | 1774 | |
| Outdoor Coil | Number of rows | | 1 | 1 | 2 | 2 | |
| | Fin spacing | mm | 1.7 | 1.7 | 1.7 | 1.7 | |
| | | inch | 1/16" | 1/16" | 1/16" | 1/16" | |
| | Tube diameter | mm | 9.53 | 9.53 | 9.53 | 9.53 | |
| inch | | 3/8" | 3/8" | 3/8" | 3/8" | | |
| Outdoor Fan | Type | | Axial | Axial | Axial | Axial | |
| | Quantity | | 1 | 1 | 1 | 1 | |
| | Drive type | | Direct | Direct | Direct | Direct | |
| | Motor quantity | | 1 | 1 | 1 | 1 | |
| Refrigerant | Type | | R22 | R22 | R22 | R22 | |
| | Refrigerant volume | Kg | 2 | 2 | 3.55 | 3.1 | |
| | Refrigerant Control | | Capillary | Capillary | Capillary | Capillary | |
| Filter | Quantity | | 1 | 1 | 1 | 1 | |
| | Size (W×H×D) | mm | 197×670×10 | 197×670×10 | 197×670×10 | 197×670×10 | |
| Shipping | Qty/Per 20'/40'/40'HQ | Pieces | 30/62/90 | 30/62/90 | 30/62/90 | 30/62/90 | |

Note:

The data are based on the following conditions:

Cooling and Power input :(1) Indoor Temperature 26.7°C(80°F) DB / 19.4°C(67°F) WB; - Outdoor Temperature 35°C(95°F) DB.

(2) Indoor Temperature 26.7°C(80°F) DB / 19.4°C(67°F) WB; - Outdoor Temperature 46.1°C(115°F) DB.

Heating and Power input: Indoor Temperature 20°C(68°F) DB/15°C(59°F) WB; - Outdoor Temperature 7°C(44.6°F) DB/6°C(42.8°F) WB.