

**M6GP-H090-CAV-177**

HFC, R-407C, 60Hz, 1- Phase, 208/230 V

**COPELAND™****Availability :** Standard US OEM**NOTE :APPLICATION APPROVAL REQUIRED****Mechanical**

|                                    |            |
|------------------------------------|------------|
| Unit Height (in):                  | 12.3       |
| Unit Length (in):                  | 18.8       |
| Unit Width (in):                   | 14.3       |
| Ship Weight (lbs):                 | 55.0       |
| Condensor Type:                    | Air        |
| CopeVap Water Storage:             | NA         |
| Liquid Connection Size (in)/Type:  | 0.37 SWEAT |
| Suction Connection Size (in)/Type: | 0.5 SWEAT  |
| Discharge Line Size (in):          | 0.25       |
| Water Inlet (in):                  |            |
| Water Outlet (in):                 |            |
| Oil Type:                          | POE        |
| Oil Recharge Amount (oz):          | 13.00      |

**Electrical**

|                                |                  |
|--------------------------------|------------------|
| Max Fuse Size:                 | 20               |
| Min Circuit Ampacity:          | 12.3             |
| Compressor:                    | RST64C1E-IAV-102 |
| Compressor LRA - Low:          |                  |
| Compressor LRA - High:         | 43.0             |
| Compressor LRA - Half winding: |                  |
| Compressor RLA:                | 9.0              |
| UL:                            | Recognized       |
| UL File #:                     | SA633            |
| UL Guide Card:                 | LZFE2            |
| Amps Per Motor:                |                  |
| Fan Motor Quantity:            | 1                |

**Air - Cooled Unit Performance**

|                                 |                                         |                                   |                                   |                                |
|---------------------------------|-----------------------------------------|-----------------------------------|-----------------------------------|--------------------------------|
| Release Date:                   | 23-Feb-2018                             | Return Gas Temp. (°F):            | 40                                |                                |
| Compressor:                     | RST64C1E-IAV-102 x 1                    | Subcooling (°F):                  | 5                                 |                                |
| Performance No:                 | 14633                                   | Air Flow Rate (CFM)               | 450                               |                                |
| 90°F Ambient Air Temperature    |                                         |                                   |                                   |                                |
| <u>Evap Temp</u><br><u>(°F)</u> | <u>Unit Capacity</u><br><u>(Btu/hr)</u> | <u>Cond. Temp.</u><br><u>(°F)</u> | <u>Temp. Diff.</u><br><u>(°F)</u> | <u>EER</u><br><u>(Btu/Wh):</u> |
| 5                               | 4,790                                   | 114.6                             | 24.6                              | 5.4                            |
| 10                              | 5,410                                   | 116.8                             | 26.8                              | 5.7                            |
| 15                              | 6,060                                   | 119.1                             | 29.1                              | 6.0                            |
| 20                              | 6,750                                   | 121.5                             | 31.5                              | 6.2                            |
| 25                              | 7,470                                   | 124.1                             | 34.1                              | 6.6                            |
| 30                              | 8,220                                   | 126.8                             | 36.8                              | 6.7                            |