

# M7ZH-H055-CAV-177

HFO, R-450A, 60Hz, 1- Phase, 208/230 V

**COPELAND™**

**Availability :** Standard US OEM

## Mechanical

|                                    |            |
|------------------------------------|------------|
| Unit Height (in):                  | 11.8       |
| Unit Length (in):                  | 17.4       |
| Unit Width (in):                   | 13.4       |
| Ship Weight (lbs):                 | 62.0       |
| 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:                 | 15               |
| Min Circuit Ampacity:          | 8.6              |
| Compressor:                    | RRT64C1E-IAV-104 |
| Compressor LRA - Low:          |                  |
| Compressor LRA - High:         | 31.0             |
| Compressor LRA - Half winding: |                  |
| Compressor RLA:                | 6.4              |
| UL:                            | Recognized       |
| UL File #:                     | SA633            |
| UL Guide Card:                 | LZFE2            |
| Amps Per Motor:                |                  |
| Fan Motor Quantity:            | 1                |

## Air - Cooled Unit Performance

|                 |                      |                        |     |
|-----------------|----------------------|------------------------|-----|
| Release Date:   | 16-Mar-2018          | Return Gas Temp. (°F): | 65  |
| Compressor:     | RRT64C1E-IAV-104 x 1 | Subcooling (°F):       | 5   |
| Performance No: | 15143                | Air Flow Rate (CFM)    | 300 |

### 90°F Ambient Air Temperature

| <u>Evap Temp</u><br>(°F) | <u>Unit Capacity</u><br>(Btu/hr) | <u>Cond. Temp.</u><br>(°F) | <u>Temp. Diff.</u><br>(°F) | <u>EER</u><br>(Btu/Wh): |
|--------------------------|----------------------------------|----------------------------|----------------------------|-------------------------|
| 0                        | 2,540                            | 106.0                      | 16.0                       | 4.9                     |
| 5                        | 2,870                            | 108.0                      | 18.0                       | 5.1                     |
| 10                       | 3,240                            | 110.1                      | 20.1                       | 5.4                     |
| 15                       | 3,630                            | 112.4                      | 22.4                       | 5.6                     |
| 20                       | 4,050                            | 114.8                      | 24.8                       | 5.9                     |
| 25                       | 4,490                            | 117.3                      | 27.3                       | 6.1                     |
| 30                       | 4,940                            | 120.0                      | 30.0                       | 6.3                     |
| 35                       | 5,400                            | 122.7                      | 32.7                       | 6.4                     |
| 40                       | 5,860                            | 125.5                      | 35.5                       | 6.6                     |
| 45                       | 6,320                            | 128.3                      | 38.3                       | 6.7                     |