# M7JH-H042-IAA-177

HFO, R-513A, 60Hz, 1- Phase, 115 V

COPELAND

**Availability :** Standard US OEM

NOTE :APPLICATION APPROVAL REQUIRED

## Mechanical

| | |
|---|---|
| Unit Height (in): | 11.4 |
| Unit Length (in): | 14.4 |
| Unit Width (in): | 11.4 |
| Ship Weight (lbs): | 40.0 |
| Condensor Type: | Air |
| CopeVap Water Storage: | NA |
| Liquid Connection Size (in)/Type: | 0.25 SWEAT |
| Suction Connection Size (in)/Type: | 0.37 SWEAT |
| Discharge Line Size (in): | 0.25 |
| Water Inlet (in): | |
| Water Outlet (in): | |
| Oil Type: | POE |
| Oil Recharge Amount (oz): | 10.00 |

## Electrical

| | |
|---|---|
| Max Fuse Size: | 20 |
| Min Circuit Ampacity: | 12.3 |
| Compressor: | ARE54C5E-IAA-103 |
| Compressor LRA - Low: | |
| Compressor LRA - High: | 50 |
| Compressor LRA - Half winding: | |
| Compressor RLA: | 9.3 |
| UL: | Recognized |
| UL File #: | SA633 |
| UL Guide Card: | LZFE2 |
| Amps Per Motor: | |
| Fan Motor Quantity: | 1 |

## Air - Cooled Unit Performance

| | | | |
|---|---|---|---|
| Release Date: | 11-May-2017 | Return Gas Temp. (°F): | 65 |
| Compressor: | ARE54C5E-IAA-103 x 1 | Subcooling (°F): | 5 |
| Performance No: | 11563 | Air Flow Rate (CFM) | 201 |

### 90°F Ambient Air Temperature

| Evap Temp (°F) | Unit Capacity (Btu/hr) | Cond. Temp. (°F) | Temp. Diff. (°F) | EER (Btu/Wh): |
|---|---|---|---|---|
| 0 | 2,300 | 110.3 | 20.3 | 4.9 |
| 5 | 2,630 | 112.9 | 22.9 | 5.2 |
| 10 | 2,970 | 115.6 | 25.6 | 5.4 |
| 15 | 3,320 | 118.4 | 28.4 | 5.5 |
| 20 | 3,670 | 121.3 | 31.3 | 5.6 |
| 25 | 4,020 | 124.3 | 34.3 | 5.7 |
| 30 | 4,370 | 127.3 | 37.3 | 5.7 |
| 35 | 4,710 | 130.4 | 40.4 | 5.6 |
| 40 | 5,030 | 133.5 | 43.5 | 5.5 |
| 45 | 5,340 | 136.7 | 46.7 | 5.4 |



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