# M7JH-H029-IAA-177

HFC, R-134a, 60Hz, 1- Phase, 115 V

COPELAND

**Availability :** **Standard US OEM**

## Mechanical

| | |
|---|---|
| Unit Height (in): | 11.4 |
| Unit Length (in): | 14.4 |
| Unit Width (in): | 11.6 |
| Ship Weight (lbs): | 45.0 |
| 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: | 15 |
| Min Circuit Ampacity: | 9.3 |
| Compressor: | ARE35C5E-IAA-103 |
| Compressor LRA - Low: | |
| Compressor LRA - High: | 39 |
| Compressor LRA - Half winding: | |
| Compressor RLA: | 6.9 |
| 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: | ARE35C5E-IAA-103 x 1 | Subcooling (°F): | 5 |
| Performance No: | 11544 | 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 | 1,450 | 103.3 | 13.3 | 4.4 |
| 5 | 1,640 | 104.8 | 14.8 | 4.7 |
| 10 | 1,860 | 106.4 | 16.4 | 5.1 |
| 15 | 2,100 | 108.2 | 18.2 | 5.4 |
| 20 | 2,360 | 110.2 | 20.2 | 5.8 |
| 25 | 2,640 | 112.2 | 22.2 | 6.1 |
| 30 | 2,930 | 114.4 | 24.4 | 6.4 |
| 35 | 3,240 | 116.8 | 26.8 | 6.8 |
| 40 | 3,570 | 119.2 | 29.2 | 7.1 |
| 45 | 3,920 | 121.8 | 31.8 | 7.3 |



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