# FFAL-A50Z-TFC-072

HFO, R-448A, 60Hz, 3- Phase, 208/230 V

COPELAND

**Availability :** Custom US OEM Or Wholesaler NOTE :APPLICATION APPROVAL REQUIRED

## Mechanical

| | |
|---|---|
| Unit Height (in): | 20.0 |
| Unit Length (in): | 34.1 |
| Unit Width (in): | 25.0 |
| Ship Weight (lbs): | 187.0 |
| Condensor Type: | Air |
| CopeVap Water Storage: | NA |
| Liquid Connection Size (in)/Type: | 0.37 SWEAT |
| Suction Connection Size (in)/Type: | 0.87 SWEAT |
| Discharge Line Size (in): | 0.5 |
| Water Inlet (in): | |
| Water Outlet (in): | |
| Oil Type: | POE |
| Oil Recharge Amount (oz): | 60.00 |

## Electrical

| | |
|---|---|
| Max Fuse Size: | 50 |
| Min Circuit Ampacity: | 32.6 |
| Compressor: | ZF18K4E-TF5-251 |
| Compressor LRA - Low: | |
| Compressor LRA - High: | 156.0 |
| Compressor LRA - Half winding: | |
| Compressor RLA: | 23.9 |
| UL: | Listed |
| UL File #: | SA633 |
| UL Guide Card: | LZFE |
| Amps Per Motor: | 1.1 |
| Fan Motor Quantity: | 2 |

## Air - Cooled Unit Performance

| | | | |
|---|---|---|---|
| Release Date: | 21-Oct-2020 | Return Gas Temp. (°F): | 40 |
| Compressor: | ZF18K4E-TF5-251 x 1 | Subcooling (°F): | 5 |
| Performance No: | 19594 | Air Flow Rate (CFM) | 2170 |

### 90°F Ambient Air Temperature

| Evap Temp (°F) | Unit Capacity (Btu/hr) | Cond. Temp. (°F) | Temp. Diff. (°F) | EER (Btu/Wh): |
|---|---|---|---|---|
| -40 | 11,900 | 109.0 | 19.0 | 2.2 |
| -35 | 13,500 | 110.1 | 20.1 | 2.5 |
| -30 | 15,300 | 111.3 | 21.3 | 2.9 |
| -25 | 17,200 | 112.6 | 22.6 | 3.2 |
| -20 | 19,300 | 114.0 | 24.0 | 3.5 |
| -15 | 21,600 | 115.5 | 25.5 | 3.9 |
| -10 | 24,000 | 117.3 | 27.3 | 4.2 |
| -5 | 26,500 | 119.1 | 29.1 | 4.5 |
| 0 | 29,100 | 121.1 | 31.1 | 4.8 |



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