

**FFAL-A30Z-TFC-072**

HFC, R-404A, 60Hz, 3- Phase, 208/230 V

**COPELAND™****Availability :** Custom US OEM Or Wholesaler**Mechanical**

|                                    |            |
|------------------------------------|------------|
| Unit Height (in):                  | 20.0       |
| Unit Length (in):                  | 34.1       |
| Unit Width (in):                   | 25.0       |
| Ship Weight (lbs):                 | 237.0      |
| 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:                 | 30              |
| Min Circuit Ampacity:          | 21.5            |
| Compressor:                    | ZF13K4E-TF5-251 |
| Compressor LRA - Low:          |                 |
| Compressor LRA - High:         | 99.0            |
| Compressor LRA - Half winding: |                 |
| Compressor RLA:                | 15.0            |
| 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:                                   | ZF13K4E-TF5-251    x        1                         | Subcooling (°F):                                | 5                                               |                                              |
| Performance No:                               | 19501                                                 | Air Flow Rate (CFM)                             | 2170                                            |                                              |
| <b>90°F Ambient Air Temperature</b>           |                                                       |                                                 |                                                 |                                              |
| <b><u>Evap Temp</u></b><br><b><u>(°F)</u></b> | <b><u>Unit Capacity</u></b><br><b><u>(Btu/hr)</u></b> | <b><u>Cond. Temp.</u></b><br><b><u>(°F)</u></b> | <b><u>Temp. Diff.</u></b><br><b><u>(°F)</u></b> | <b><u>EER</u></b><br><b><u>(Btu/Wh):</u></b> |
| -40                                           | 9,060                                                 | 99.2                                            | 9.2                                             | 3.0                                          |
| -35                                           | 10,400                                                | 100.1                                           | 10.1                                            | 3.4                                          |
| -30                                           | 11,800                                                | 101.1                                           | 11.1                                            | 3.8                                          |
| -25                                           | 13,200                                                | 102.1                                           | 12.1                                            | 4.1                                          |
| -20                                           | 14,800                                                | 103.2                                           | 13.2                                            | 4.5                                          |
| -15                                           | 16,500                                                | 104.5                                           | 14.5                                            | 4.9                                          |
| -10                                           | 18,300                                                | 105.8                                           | 15.8                                            | 5.2                                          |
| -5                                            | 20,200                                                | 107.2                                           | 17.2                                            | 5.6                                          |
| 0                                             | 22,200                                                | 108.6                                           | 18.6                                            | 5.9                                          |