

## Model: AE4460Z-FZ1C

### Product Description

|                     |                                         |
|---------------------|-----------------------------------------|
| Type:               | Reciprocating Compressors               |
| Application:        | HBP/CBP - High/Commercial Back Pressure |
| ProductDescription: | R-404A                                  |
| Voltage/Frequency:  | 220-240V ~ 50Hz                         |
| Version:            | N/A                                     |



### Product Specifications

#### Performance

| Condition       | Test Voltage | Refrigeration Capacity |               |          | Input Power<br>(I) W | (E) Efficiency |                |      | EVAP<br>TEMP | Condition    | AMBIENT<br>TEMP | RETURN<br>GAS | LIQUID<br>TEMP |
|-----------------|--------------|------------------------|---------------|----------|----------------------|----------------|----------------|------|--------------|--------------|-----------------|---------------|----------------|
|                 |              | (R)<br>Btu/h           | (R)<br>kcal/h | (R)<br>W |                      | (E)<br>Btu/Wh  | (E)<br>kcal/Wh | W/W  |              |              |                 |               |                |
| ASHRAE (R-407A) | 220V ~ 50HZ  | 5300                   | 1336          | 1553     | 682                  | 7.77           | 1.96           | 2.28 | 7.2°C (45°F) | 54°C (130°F) | 35°C (95°F)     | 35°C (95°F)   | 46°C (115°F)   |
| ASHRAE (R-449A) | 220V ~ 50HZ  | 5457                   | 1376          | 1599     | 680                  | 8.02           | 2.02           | 2.35 | 7.2°C (45°F) | 54°C (130°F) | 35°C (95°F)     | 35°C (95°F)   | 46°C (115°F)   |
| ASHRAE (R-448A) | 220V ~ 50HZ  | 5457                   | 1376          | 1599     | 680                  | 8.02           | 2.02           | 2.35 | 7.2°C (45°F) | 54°C (130°F) | 35°C (95°F)     | 35°C (95°F)   | 46°C (115°F)   |
| ASHRAE (R-452A) | 220V ~ 50HZ  | 5341                   | 1347          | 1565     | 708                  | 7.54           | 1.9            | 2.21 | 7.2°C (45°F) | 54°C (130°F) | 35°C (95°F)     | 35°C (95°F)   | 46°C (115°F)   |
| ASHRAE (R-404A) | 220V ~ 50HZ  | 5650                   | 1424          | 1656     | 740                  | 7.64           | 1.92           | 2.24 | 7.2°C (45°F) | 54°C (130°F) | 35°C (95°F)     | 35°C (95°F)   | 46°C (115°F)   |

#### General

|                          |                             |
|--------------------------|-----------------------------|
| Evaporating Temp. Range: | -15°C to 15°C (5°F to 59°F) |
| Motor Torque:            | High Start Torque (HST)     |
| Compressor Cooling:      | Fan                         |

#### Mechanical

|                         |             |
|-------------------------|-------------|
| Weight:                 | 12          |
| Weight Unit of Measure: | KG          |
| Displacement (cc):      | 10.33       |
| Oil Type:               | Polyolester |
| Viscosity (cSt):        | 32          |
| Oil Charge (cc):        | 387         |

#### Electrical

|                                        |         |
|----------------------------------------|---------|
| Voltage Range (50 Hz):                 | 198-253 |
| Voltage Range (60 Hz):                 |         |
| Locked Rotor Amps (LRA):               | 19      |
| Rated Load Amps (RLA 50 Hz):           | 4.27    |
| Rated Load Amps (RLA 60 Hz):           | 0       |
| Max. Continuous Current (MCC in Amps): | 0       |
| Motor Resistance (Ohm) - Main:         | 3.49    |
| Motor Resistance (Ohm) - Start:        | 19.28   |
| MotorType:                             | CSIR    |

Overload Type:  
Relay Type:

Agency Approval

CCC Listed, CE Listed, GOST RUSSIA Listed, GOST UKRAINE Listed, TIS Listed, VDE Listed