

## Model: AE4470Z-FZ3C (AE4470Z-FZ)

### Product Description

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

### Product Specifications

#### Performance

| Condition       | Test Voltage | Refrigeration Capacity |        |      | Input Power | Efficiency |         |      | EVAP TEMP    | COND TEMP    | AMBIENT TEMP | RETURN GAS  | LIQUID TEMP  |
|-----------------|--------------|------------------------|--------|------|-------------|------------|---------|------|--------------|--------------|--------------|-------------|--------------|
|                 |              | Btu/h                  | kcal/h | W    |             | Btu/Wh     | kcal/Wh | W/W  |              |              |              |             |              |
| ASHRAE          | 220V ~ 50HZ  | 6600                   | 1663   | 1934 | 845         | 7.81       | 1.97    | 2.29 | 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  | 6434                   | 1621   | 1885 | 812         | 7.93       | 1.99    | 2.32 | 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  | 6315                   | 1591   | 1850 | 778         | 8.12       | 2.04    | 2.38 | 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:                 | 11          |
| Weight Unit of Measure: | KG          |
| Displacement (cc):      | 12.01       |
| Oil Type:               | Polyolester |
| Viscosity (cSt):        | 32          |
| Oil Charge (cc):        | 387         |

#### Electrical

|                                        |         |
|----------------------------------------|---------|
| Voltage Range (50 Hz):                 | 198-253 |
| Voltage Range (60 Hz):                 | N/A     |
| Locked Rotor Amps (LRA):               | 18.2    |
| Rated Load Amps (RLA 50 Hz):           | 3.9     |
| Rated Load Amps (RLA 60 Hz):           | 0       |
| Max. Continuous Current (MCC in Amps): | 0       |
| Motor Resistance (Ohm) - Main:         | 4.86    |
| Motor Resistance (Ohm) - Start:        | 12.16   |
| Motor Type:                            | CSR     |
| Overload Type:                         | N/A     |
| Relay Type:                            | N/A     |

## Agency Approval

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