

Model: AE2430Z-FZ3C

Product Description

Compressor Type: Reciprocating

Application: LBP - Low Back Pressure

Refrigerant: R-404A

Voltage/Frequency: 220-240V ~ 50Hz

Version: AE Series

Specifications

General

Evaporating Temp. Range : -40°C to -10°C (-40°F to 14°F)

Motor Torque: High Start Torque (HST)

Compressor Cooling: Fan

Mechanical

Weight: 12 KG

Displacement (cc): 14.51

Oil Type: Polyolester

Viscosity (cSt): 32

Oil Charge (cc): 366.3

Electrical

Locked Rotor Amps (LRA): 21.5

Rated Load Amps (RLA 60Hz): 0

Voltage Range (50Hz): 198-253

Rated Load Amps (RLA 50Hz): 3.52

Max. Continuous Current (MCC in Amps): 0

Motor Resistance (Ohm) - Main: 3.37

Motor Resistance (Ohm) - Start: 11.99

Motor Type: CSR

Agency Approval

CE_LISTED, CCC_LISTED, IRAM_LISTED, TIS_LISTED

Performance

[See all performance data](#)

ASHRAE

Test Voltage	200V ~ 50HZ
(R) Refrigeration Capacity (BTU/h)	2700
(R) Refrigeration Capacity (Kcal/h)	680
(R) Refrigeration Capacity (W)	791
Input Power (W)	587
(E) Efficiency (BTU/Wh)	4.6
(E) Efficiency (Kcal/Wh)	1.16
(E) Efficiency (W/W)	1.35
EVAP TEMP	-23°C (-10°F)
COND TEMP	54°C (130°F)
AMBIENT TEMP	32°C (90°F)
RETURN GAS	32°C (90°F)
LIQUID TEMP	45°C (113°F)

ASHRAE

Test Voltage	240V ~ 50HZ
(R) Refrigeration Capacity (BTU/h)	2700
(R) Refrigeration Capacity (Kcal/h)	680
(R) Refrigeration Capacity (W)	791
Input Power (W)	631
(E) Efficiency (BTU/Wh)	4.28
(E) Efficiency (Kcal/Wh)	1.08
(E) Efficiency (W/W)	1.35
EVAP TEMP	-23°C (-10°F)
COND TEMP	54°C (130°F)
AMBIENT TEMP	32°C (90°F)
RETURN GAS	32°C (90°F)
LIQUID TEMP	45°C (113°F)

Item

AE-1224-BF

AE-1224-BF-M

AE1715BR

AE-1718-E

AE1729BR

AE1729BR-689-A4

AE-1732-E

AE1792BR

AE-1796-E

AE1942BR

AE-1947-E

AE1995BR

AE-2001-E

AE2102BR

AE-2102-E

AE1719BR (Discontinued)

AE-1722-E (Discontinued)

AE-1836-E (Discontinued)

AE1729IND (Inactive)

AE1787BR (Inactive)

AE-1791-E (Inactive)

AE1832BR (Inactive)

AE1833BR (Inactive)

AE-1837-E (Inactive)

AE1838BR (Inactive)

AE-1842-E (Inactive)

AE1868BR (Inactive)

AE-1872-E (Inactive)

AE1885BR (Inactive)

AE-1889-E (Inactive)

AE2ZG1EH-007-A (Inactive)