

Model: AE2425Z-FZ3C

(AE2425Z-FZ)

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: 11 KG

Displacement (cc): 12.01

Oil Type: Polyolester

Viscosity (cSt): 32

Oil Charge (cc): 366.3

Electrical

Locked Rotor Amps (LRA): 18.5

Rated Load Amps (RLA 60Hz): 0

Voltage Range (50Hz): 198-253

Rated Load Amps (RLA 50Hz): 2.19

Max. Continuous Current (MCC in Amps): 0

Motor Resistance (Ohm) - Main: 4.21

Motor Resistance (Ohm) - Start: 11.73

Motor Type: CSR

Agency Approval

VDE_LISTED, CE_LISTED, CCC_LISTED, GOST_LISTED, GOST_UKR_LISTED

Performance

[See all performance data](#)

ASHRAE

Test Voltage	220V ~ 50HZ
(R) Refrigeration Capacity (BTU/h)	2250
(R) Refrigeration Capacity (Kcal/h)	567
(R) Refrigeration Capacity (W)	659
Input Power (W)	456
(E) Efficiency (BTU/Wh)	4.93
(E) Efficiency (Kcal/Wh)	1.24
(E) Efficiency (W/W)	1.45
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	32°C (90°F)

ASHRAE

Test Voltage	240V ~ 50HZ
(R) Refrigeration Capacity (BTU/h)	2250
(R) Refrigeration Capacity (Kcal/h)	567
(R) Refrigeration Capacity (W)	659
Input Power (W)	479
(E) Efficiency (BTU/Wh)	4.7
(E) Efficiency (Kcal/Wh)	1.18
(E) Efficiency (W/W)	1.38
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	32°C (90°F)

Item

AE-1218-BF

AE-1218-BF-M

AE1696BR

AE-1699-E

AE1701BR

AE1701BR-689-A4

AE-1704-E

AE-1039-FR (Discontinued)

BAE-1039-FR (Discontinued)

AE-1039-FR-M (Inactive)

AE1701IND (Inactive)