

Model: AE2420U-FZ1B

(AE2420U-FZ)

Product Description

Compressor Type: Reciprocating

Application: LBP - Low Back Pressure

Refrigerant: R-290

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): 10.96
- Oil Type: Polyolester
- Viscosity (cSt): 32
- Oil Charge (cc): 366.3

Electrical

- Locked Rotor Amps (LRA): 13.5
- Rated Load Amps (RLA 60Hz): 0
- Voltage Range (50Hz): 198-253
- Rated Load Amps (RLA 50Hz): 2.5
- Max. Continuous Current (MCC in Amps): 0
- Motor Resistance (Ohm) - Main: 7.11
- Motor Resistance (Ohm) - Start: 19.01
- Motor Type: CSIR

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)	1700
(R) Refrigeration Capacity (Kcal/h)	428
(R) Refrigeration Capacity (W)	498
Input Power (W)	389
(E) Efficiency (BTU/Wh)	4.37
(E) Efficiency (Kcal/Wh)	1.1
(E) Efficiency (W/W)	1.28
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-1112-BF

AE-1113-BF

AE-1113-BF-M

AE1526BR

AE-1529-E

AE1583BR

AE-1586-E

AE1007BR (Discontinued)

AE-1007-E (Discontinued)

AE-1045-FR (Discontinued)

AE-1014-BF (Inactive)

AE-1015-BF (Inactive)

AE1042BR (Inactive)

AE-1042-E (Inactive)

AE-1044-FR (Inactive)

AE-1045-FR-M (Inactive)

AE1112BR (Inactive)

AE-1112-E (Inactive)

AE1732BR (Inactive)

AE-1735-E (Inactive)