

Model: AE2413Y-FZ1A

Product Description

Compressor Type: Reciprocating

Application: LBP - Low Back Pressure

Refrigerant: R-134a

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: 10 KG

Displacement (cc): 12.01

Oil Type: Polyolester

Viscosity (cSt): 32

Oil Charge (cc): 366.3

Electrical

Locked Rotor Amps (LRA): 12

Rated Load Amps (RLA 60Hz): 0

Voltage Range (50Hz): 198-253

Rated Load Amps (RLA 50Hz): 1.77

Max. Continuous Current (MCC in Amps): 0

Motor Resistance (Ohm) - Main: 8.23

Motor Resistance (Ohm) - Start: 13.41

Motor Type: CSIR

Agency Approval

VDE_LISTED, CE_LISTED, IRAM_LISTED, TIS_LISTED

Performance

[See all performance data](#)

ASHRAE (R-513A)

Test Voltage	220V ~ 50HZ
(R) Refrigeration Capacity (BTU/h)	1297
(R) Refrigeration Capacity (Kcal/h)	327
(R) Refrigeration Capacity (W)	380
Input Power (W)	310
(E) Efficiency (BTU/Wh)	4.18
(E) Efficiency (Kcal/Wh)	1.05
(E) Efficiency (W/W)	1.23
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 (R-134a)

Test Voltage	220V ~ 50HZ
(R) Refrigeration Capacity (BTU/h)	1100
(R) Refrigeration Capacity (Kcal/h)	277
(R) Refrigeration Capacity (W)	322
Input Power (W)	265
(E) Efficiency (BTU/Wh)	4.15
(E) Efficiency (Kcal/Wh)	1.05
(E) Efficiency (W/W)	1.22
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

AE1367BR

AE-1370-E

AE1769BR

AE-1773-E

AE1260BR (Discontinued)

AE-1263-E (Discontinued)

AE-1306-E (Discontinued)

AE1875BR (Discontinued)

AE-1879-E (Discontinued)

AE-1053-BF (Inactive)

AE1260BRD (Inactive)

AE1303BR (Inactive)

AE1303BRD (Inactive)

AE1330BR (Inactive)

AE-1333-E (Inactive)

AE1333E-679-A4 (Inactive)

AE1636BR (Inactive)

AE1636BRD (Inactive)

AE-1639-E (Inactive)

AE1824BR (Inactive)

AE-1828-E (Inactive)