

Model: AEX428U-DS3C

Product Description

Compressor Type: Reciprocating

Application: MBP/LBP - Medium/Low Back Pressure

Refrigerant: R-290

Voltage/Frequency: 115-127V ~ 60Hz

Version: AE Series

Specifications

General

Evaporating Temp. Range :-35°C to -5°C (-31°F to 23°F)

Motor Torque: High Start Torque (HST)

Compressor Cooling: Fan

Mechanical

Weight: 12 KG

Displacement (cc): 13.24

Oil Type: Polyolester

Viscosity (cSt): 32

Oil Charge (cc): 366.3

Electrical

Locked Rotor Amps (LRA): 44

Rated Load Amps (RLA 60Hz): 6.4

Voltage Range (60Hz): 100-140

Rated Load Amps (RLA 50Hz): 0

Max. Continuous Current (MCC in Amps): 7.48

Motor Resistance (Ohm) - Main: 0.84

Motor Resistance (Ohm) - Start: 4.49

Motor Type: CSR

Agency Approval

CE_LISTED, cURus_RECOGNIZED

Performance

[See all performance data](#)

ARI (R-290)

Test Voltage	115V ~ 60HZ
(R) Refrigeration Capacity (BTU/h)	2065
(R) Refrigeration Capacity (Kcal/h)	520
(R) Refrigeration Capacity (W)	605
Input Power (W)	485
(E) Efficiency (BTU/Wh)	4.26
(E) Efficiency (Kcal/Wh)	1.07
(E) Efficiency (W/W)	1.25
EVAP TEMP	-23°C (-10°F)
COND TEMP	49°C (120°F)
AMBIENT TEMP	35°C (95°F)
RETURN GAS	4.4°C (40°F)
LIQUID TEMP	49°C (120°F)

ASHRAE (R-290)

Test Voltage	115V ~ 60HZ
(R) Refrigeration Capacity (BTU/h)	2550
(R) Refrigeration Capacity (Kcal/h)	643
(R) Refrigeration Capacity (W)	747
Input Power (W)	490
(E) Efficiency (BTU/Wh)	5.2
(E) Efficiency (Kcal/Wh)	1.31
(E) Efficiency (W/W)	1.53
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-1234-BF

AE-1234-BF-M

AE1674BR

AE1677E-677-A4

AE1677E-677-A6

AE1677E-677-B6

AE1677E-677-J7

AE1869BR

AE-1873-E

AE1919BR

AE-1923-E

AE2004BR

AE-2010-E

AE-1904-E (Discontinued)

AE1900BR (Inactive)

AE1961BR (Inactive)

AE-1967-E (Inactive)