

Model: AE4460U-AA1C

(AE4460U)

Product Description

Compressor Type: Reciprocating

Application: HBP/CBP - High/Commercial Back Pressure

Refrigerant: R-290

Voltage/Frequency: 115V ~ 60Hz

Version: AE Series

Specifications

General

Evaporating Temp. Range :-15°C to 15°C (5°F to 59°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): 43.5

Rated Load Amps (RLA 60Hz): 8.9

Voltage Range (60Hz): 103-127

Rated Load Amps (RLA 50Hz): 0

Max. Continuous Current (MCC in Amps): 12.83

Motor Resistance (Ohm) - Main: 0.88

Motor Resistance (Ohm) - Start: 3.94

Motor Type: CSIR

Agency Approval

CE_LISTED, cURus_RECOGNIZED

Performance

[See all performance data](#)

ASHRAE (R-290)

Test Voltage	115V ~ 60HZ
(R) Refrigeration Capacity (BTU/h)	6900
(R) Refrigeration Capacity (Kcal/h)	1739
(R) Refrigeration Capacity (W)	2022
Input Power (W)	786
(E) Efficiency (BTU/Wh)	8.78
(E) Efficiency (Kcal/Wh)	2.21
(E) Efficiency (W/W)	2.57
EVAP TEMP	7.2°C (45°F)
COND TEMP	54°C (130°F)
AMBIENT TEMP	35°C (95°F)
RETURN GAS	35°C (95°F)
LIQUID TEMP	46°C (115°F)

Item

AE-1262-BF

AE-1262-BF-M

AE-1263-BF

AE-1263-BF-M

AE1429BR

AE-1432-E

AE1432E-209-J7

AE2020BR

AE-2026-E

AE2031BR

AE-2033-E

AE2111BR

AE-2111-E

AE1142BR (Inactive)

AE-1145-E (Inactive)

AE1178BR (Inactive)

AE-1181-E (Inactive)

AE1181E-214-A4 (Inactive)

AE1181E-214-J7 (Inactive)

AE1432E-209-A4 (Inactive)