

Model: AE4440A-AA1A

Product Description

Compressor Type: Reciprocating

Application: HBP/CBP - High/Commercial Back Pressure

Refrigerant: R-12

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): 10.33

Oil Type: Synthetic Alkylate

Viscosity (cSt): 32

Oil Charge (cc): 361

Electrical

Locked Rotor Amps (LRA): 32

Rated Load Amps (RLA 60Hz): 5.82

Voltage Range (60Hz): 103-127

Rated Load Amps (RLA 50Hz): 0

Max. Continuous Current (MCC in Amps): 8.16

Motor Resistance (Ohm) - Main: 1.65

Motor Resistance (Ohm) - Start: 3.44

Motor Type: CSIR

Agency Approval

CE_LISTED, cURus_RECOGNIZED

Performance

[See all performance data](#)

ASHRAE (R-12)

Test Voltage	115V ~ 60HZ
(R) Refrigeration Capacity (BTU/h)	3987
(R) Refrigeration Capacity (Kcal/h)	1005
(R) Refrigeration Capacity (W)	1169
Input Power (W)	575
(E) Efficiency (BTU/Wh)	6.94
(E) Efficiency (Kcal/Wh)	1.75
(E) Efficiency (W/W)	2.03
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

AE1247BR

AE1249BR

AE1250E-212-J7 (Inactive)

AE1250E-212-J9 (Inactive)

AE1252E-215-J7 (Inactive)

AE1252T-215-J7 (Inactive)