

Model: AE4440Y-GH1A

Product Description

Compressor Type: Reciprocating

Application: HBP/CBP - High/Commercial Back Pressure

Refrigerant: R-134a/R-513A

Voltage/Frequency: 230V ~ 50Hz

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: Polyolester

Viscosity (cSt): 32

Oil Charge (cc): 280

Electrical

Locked Rotor Amps (LRA): 15

Rated Load Amps (RLA 60Hz): 0

Voltage Range (50Hz): 187-264

Rated Load Amps (RLA 50Hz): 2.5

Max. Continuous Current (MCC in Amps): 0

Motor Resistance (Ohm) - Main: 7.35

Motor Resistance (Ohm) - Start: 16.59

Motor Type: CSIR

Performance

[See all performance data](#)

ASHRAE

Test Voltage	230V ~ 50HZ
(R) Refrigeration Capacity (BTU/h)	3650
(R) Refrigeration Capacity (Kcal/h)	920
(R) Refrigeration Capacity (W)	1070
Input Power (W)	435
(E) Efficiency (BTU/Wh)	8.39
(E) Efficiency (Kcal/Wh)	2.11
(E) Efficiency (W/W)	2.46
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

AE1035NF-011-A6

AE1005BR (Inactive)

AE-1005-E (Inactive)

AE1035BR (Inactive)

AE-1035-E (Inactive)

AE1235BR (Inactive)

AE-1238-E (Inactive)