

## **Model: AE4440Y-GS1A**

(AE4440Y-GS)

### **Product Description**

**Compressor Type:** Reciprocating

**Application:** HBP/CBP - High/Commercial Back Pressure

**Refrigerant:** R-134a

**Voltage/Frequency:** 220V ~ 50Hz / 220V ~ 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:** 11 KG

**Displacement (cc):** 10.33

**Oil Type:** Polyolester

**Viscosity (cSt):** 32

**Oil Charge (cc):** 366.3

## Electrical

**Locked Rotor Amps (LRA):** 16

**Rated Load Amps (RLA 60Hz):** 2.99

**Voltage Range (50Hz):** 180-242

**Voltage Range (60Hz):** 187-242

**Rated Load Amps (RLA 50Hz):** 3.08

**Max. Continuous Current (MCC in Amps):** 4.54

**Motor Resistance (Ohm) - Main:** 5.527

**Motor Resistance (Ohm) - Start:** 11.226

**Motor Type:** CSIR

## Agency Approval

**CE\_LISTED, ISI\_LISTED, CCC\_LISTED, IRAM\_LISTED, SASO\_LISTED, cURus\_RECOGNIZED**

## Performance

[See all performance data](#)

### ASHRAE

Test Voltage	220V ~ 60HZ
(R) Refrigeration Capacity (BTU/h)	4350
(R) Refrigeration Capacity (Kcal/h)	1096
(R) Refrigeration Capacity (W)	1275
Input Power (W)	533
(E) Efficiency (BTU/Wh)	8.16
(E) Efficiency (Kcal/Wh)	2.06
(E) Efficiency (W/W)	2.39
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)

### ASHRAE

Test Voltage	220V ~ 50HZ
(R) Refrigeration Capacity (BTU/h)	3650
(R) Refrigeration Capacity (Kcal/h)	920
(R) Refrigeration Capacity (W)	1070
Input Power (W)	454
(E) Efficiency (BTU/Wh)	8.04
(E) Efficiency (Kcal/Wh)	2.03
(E) Efficiency (W/W)	2.36
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-1132-BF

AE-1132-BF-M

AE-1133-BF

AE-1133-BF-M

AE-1134-BF

AE-1134-BF-M

AE1200BR

AE-1203-E

AE1219BR

AE-1222-E

AE1222LF-011-A4

AE1222LF-011-A6

AE1356BR

AE-1359-E

AE1456BR

AE-1459-E

AE1520BR

AE-1523-E

AE1545BR

AE-1548-E

AE1728BR

AE-1731-E

AE2087BR

AE-2087-E

AE1171BR (Discontinued)

AE-1174-E (Discontinued)

AE1228BR (Discontinued)

AE-1231-E (Discontinued)

AE1244BR (Discontinued)

AE-1247-E (Discontinued)

AE1492BR (Discontinued)

AE-1495-E (Discontinued)

AE1780BR (Discontinued)

AE-1784-E (Discontinued)

AE1820BR (Discontinued)

AE-1824-E (Discontinued)

AE-1067-BF (Inactive)

AE-1067-BF-M (Inactive)

AE1219BRD (Inactive)

AE1356BRD (Inactive)

