

Model: AE4456Y-GS3C

(AE4456Y-GS)

Product Description

Compressor Type: Reciprocating

Application: HBP - High 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): 14.51
- Oil Type: Polyolester
- Viscosity (cSt): 32
- Oil Charge (cc): 366.3

Electrical

- Locked Rotor Amps (LRA): 17.5
- Rated Load Amps (RLA 60Hz): 3.35
- Voltage Range (50Hz): 180-242
- Voltage Range (60Hz): 187-242
- Rated Load Amps (RLA 50Hz): 2.66
- Max. Continuous Current (MCC in Amps): 5.2
- Motor Resistance (Ohm) - Main: 3.27
- Motor Resistance (Ohm) - Start: 16.94
- Motor Type: CSR

Agency Approval

VDE_LISTED, CE_LISTED, CCC_LISTED, SASO_LISTED, cURus_RECOGNIZED

Performance

[See all performance data](#)

ASHRAE

Test Voltage	220V ~ 60HZ
(R) Refrigeration Capacity (BTU/h)	6000
(R) Refrigeration Capacity (Kcal/h)	1512
(R) Refrigeration Capacity (W)	1759
Input Power (W)W	724
(E) Efficiency (BTU/Wh)	8.29
(E) Efficiency (Kcal/Wh)	2.09
(E) Efficiency (W/W)	2.43
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)	5200
(R) Refrigeration Capacity (Kcal/h)	1310
(R) Refrigeration Capacity (W)	1524
Input Power (W)W	575
(E) Efficiency (BTU/Wh)	9.04
(E) Efficiency (Kcal/Wh)	2.28
(E) Efficiency (W/W)	2.65
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-1205-BF

AE-1205-BF-M

AE-1206-BF

AE-1207-BF

AE-1207-BF-M

AE1337BR

AE-1340-E

AE1649BR

AE1651BR

AE-1652-E

AE-1654-E

AE1705BR

AE-1708-E

AE1848BR

AE-1852-E

AE2019BR

AE-2019-E

AE-1111-FR (Discontinued)

AE1558BR (Discontinued)

AE-1561-E (Discontinued)

AE1708BR (Discontinued)

AE-1711-E (Discontinued)

AE1835BR (Discontinued)

AE-1839-E (Discontinued)

BAE-1111-FR (Discontinued)

AE-1111-FR-M (Inactive)

AE-1123-FR (Inactive)

AE-1123-FR-M (Inactive)

AE-1124-FR (Inactive)

AE1337BRD (Inactive)