

Model: AE4460Z-FZ1B (Inactive)

Product Description

Compressor Type: Reciprocating

Application: HBP/CBP - High/Commercial Back Pressure

Refrigerant: R-404A

Voltage/Frequency: 220-240V ~ 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: 12 KG
- Displacement (cc): 10.33
- Oil Type: Polyolester
- Viscosity (cSt): 32
- Oil Charge (cc): 387

Electrical

- Locked Rotor Amps (LRA): 19
- Rated Load Amps (RLA 60Hz): 0
- Voltage Range (50Hz): 198-253
- Rated Load Amps (RLA 50Hz): 4.27
- Max. Continuous Current (MCC in Amps): 0
- Motor Resistance (Ohm) - Main: 3.49
- Motor Resistance (Ohm) - Start: 19.28
- Motor Type: CSIR

Agency Approval

VDE_LISTED, CE_LISTED, CCC_LISTED, GOST_LISTED, GOST_UKR_LISTED, TIS_LISTED

Performance

[See all performance data](#)

ASHRAE

Test Voltage	220V ~ 50HZ
(R) Refrigeration Capacity (BTU/h)	5650
(R) Refrigeration Capacity (Kcal/h)	1424
(R) Refrigeration Capacity (W)	1656
Input Power (W)W	740
(E) Efficiency (BTU/Wh)	7.64
(E) Efficiency (Kcal/Wh)	1.92
(E) Efficiency (W/W)	2.24
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 (R-449A)

Test Voltage	220V ~ 50HZ
(R) Refrigeration Capacity (BTU/h)	5457
(R) Refrigeration Capacity (Kcal/h)	1376
(R) Refrigeration Capacity (W)	1599
Input Power (W)W	680
(E) Efficiency (BTU/Wh)	8.02
(E) Efficiency (Kcal/Wh)	2.02
(E) Efficiency (W/W)	2.35
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 (R-452A)

Test Voltage	220V ~ 50HZ
(R) Refrigeration Capacity (BTU/h)	5341
(R) Refrigeration Capacity (Kcal/h)	1347
(R) Refrigeration Capacity (W)	1565
Input Power (W)W	708
(E) Efficiency (BTU/Wh)	7.54
(E) Efficiency (Kcal/Wh)	1.9
(E) Efficiency (W/W)	2.21
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 (R-448A)

Test Voltage	220V ~ 50HZ
(R) Refrigeration Capacity (BTU/h)	5457
(R) Refrigeration Capacity (Kcal/h)	1376
(R) Refrigeration Capacity (W)	1599
Input Power (W)W	680
(E) Efficiency (BTU/Wh)	8.02
(E) Efficiency (Kcal/Wh)	2.02
(E) Efficiency (W/W)	2.35
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 (R-407A)

Test Voltage	220V ~ 50HZ
(R) Refrigeration Capacity (BTU/h)	5300
(R) Refrigeration Capacity (Kcal/h)	1336
(R) Refrigeration Capacity (W)	1553
Input Power (W)W	682
(E) Efficiency (BTU/Wh)	7.77
(E) Efficiency (Kcal/Wh)	1.96

ASHRAE (R-407A)

(E) Efficiency (W/W) 2.28

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

- AE1851BR (Inactive)
- AE1852BR (Inactive)
- AE1853BR (Inactive)
- AE1854BR (Inactive)
- AE1855BR (Inactive)
- AE-1855-E (Inactive)
- AE1856BR (Inactive)
- AE-1856-E (Inactive)
- AE-1857-E (Inactive)
- AE-1858-E (Inactive)
- AE-1859-E (Inactive)
- AE-1860-E (Inactive)