

**Model: AE2410U-FZ1A**

(AE2410U-FZ)

### **Product Description**

**Compressor Type:** Reciprocating

**Application:** LBP - Low Back Pressure

**Refrigerant:** R-290

**Voltage/Frequency:** 220-240V ~ 50Hz

**Version:** AE Series

# Specifications

## General

**Evaporating Temp. Range :** -40°C to -10°C (-40°F to 14°F)

**Motor Torque:** High Start Torque (HST)

**Compressor Cooling:** Fan

## Mechanical

**Weight:** 10 KG

**Displacement (cc):** 6.12

**Oil Type:** Polyolester

**Viscosity (cSt):** 32

**Oil Charge (cc):** 264.55

## Electrical

**Locked Rotor Amps (LRA):** 11.5

**Rated Load Amps (RLA 60Hz):** 0

**Voltage Range (50Hz):** 198-253

**Rated Load Amps (RLA 50Hz):** 1.69

**Max. Continuous Current (MCC in Amps):** 2.63

**Motor Resistance (Ohm) - Main:** 9.54

**Motor Resistance (Ohm) - Start:** 19.08

**Motor Type:** CSIR

## Agency Approval

**VDE\_LISTED, CE\_LISTED, GOST\_LISTED, GOST\_UKR\_LISTED**

## Performance

[See all performance data](#)

### ASHRAE

Test Voltage	220V ~ 50HZ
(R) Refrigeration Capacity (BTU/h)	850
(R) Refrigeration Capacity (Kcal/h)	214
(R) Refrigeration Capacity (W)	249
Input Power (W)	203
(E) Efficiency (BTU/Wh)	4.19
(E) Efficiency (Kcal/Wh)	1.06
(E) Efficiency (W/W)	1.23
EVAP TEMP	7.2°C (45°F)
COND TEMP	50°C (122°F)
AMBIENT TEMP	35°C (95°F)
RETURN GAS	35°C (95°F)
LIQUID TEMP	46°C (115°F)

### ASHRAE

Test Voltage	240V ~ 50HZ
(R) Refrigeration Capacity (BTU/h)	850
(R) Refrigeration Capacity (Kcal/h)	214
(R) Refrigeration Capacity (W)	249
Input Power (W)	217
(E) Efficiency (BTU/Wh)	3.92
(E) Efficiency (Kcal/Wh)	.99
(E) Efficiency (W/W)	1.15
EVAP TEMP	7.2°C (45°F)
COND TEMP	50°C (122°F)
AMBIENT TEMP	35°C (95°F)
RETURN GAS	35°C (95°F)
LIQUID TEMP	46°C (115°F)

## Item

**AE-1179-BF**

**AE-1180-BF**

**AE-1648-E**

**AE1691BR**

**AE-1694-E**

**AE-1043-FR (Discontinued)**

**AE-1042-FR (Inactive)**

**AE1645BR (Inactive)**