

Model: AE2410Y-AA1A

Product Description

Compressor Type: Reciprocating

Application: LBP - Low Back Pressure

Refrigerant: R-134a/R-513A

Voltage/Frequency: 115V ~ 60Hz

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): 9.39

Oil Type: Polyolester

Viscosity (cSt): 32

Oil Charge (cc): 264.55

Electrical

Locked Rotor Amps (LRA): 28.5

Rated Load Amps (RLA 60Hz): 3.11

Voltage Range (60Hz): 103-127

Rated Load Amps (RLA 50Hz): 0

Max. Continuous Current (MCC in Amps): 5.22

Motor Resistance (Ohm) - Main: 2.32

Motor Resistance (Ohm) - Start: 4.55

Motor Type: CSIR

Agency Approval

cURus_RECOGNIZED

Performance

[See all performance data](#)

ASHRAE (R-513A)

Test Voltage	115V ~ 60HZ
(R) Refrigeration Capacity (BTU/h)	1168
(R) Refrigeration Capacity (Kcal/h)	294
(R) Refrigeration Capacity (W)	342
Input Power (W)	277
(E) Efficiency (BTU/Wh)	4.21
(E) Efficiency (Kcal/Wh)	1.06
(E) Efficiency (W/W)	1.23
EVAP TEMP	-23°C (-10°F)
COND TEMP	54°C (130°F)
AMBIENT TEMP	32°C (90°F)
RETURN GAS	32°C (90°F)
LIQUID TEMP	32°C (90°F)

ASHRAE (R-134a)

Test Voltage	115V ~ 60HZ
(R) Refrigeration Capacity (BTU/h)	950
(R) Refrigeration Capacity (Kcal/h)	239
(R) Refrigeration Capacity (W)	278
Input Power (W)	237
(E) Efficiency (BTU/Wh)	4.01
(E) Efficiency (Kcal/Wh)	1.01
(E) Efficiency (W/W)	1.17
EVAP TEMP	-23°C (-10°F)
COND TEMP	54°C (130°F)
AMBIENT TEMP	32°C (90°F)
RETURN GAS	32°C (90°F)
LIQUID TEMP	32°C (90°F)

Item

AE1153BR

AE1156E-679-A4

AE1156E-679-J7

AE1073BR (Inactive)

AE-1073-E (Inactive)

AE1156E-679-B4 (Inactive)

AE1156E-679-K7 (Inactive)