

Product Specifications

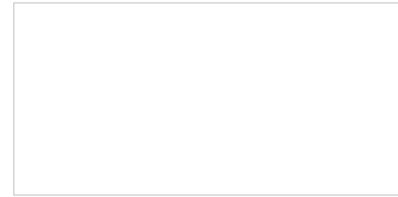
Performance

6/13/2023

Model: AE2413Y-AA1B

Product Description

Type: Reciprocating Compressors
Application: LBP - Low Back Pressure
Refrigerant: R-134a/R-513A
Voltage/Frequency: 115V ~ 60Hz
Version: N/A



| Condition | Test Voltage | Refrigeration Capacity | | Input Power (E) | | Efficiency | | W/W | EVAP TEMP Condition | AMBIENT TEMP | RETURN GAS | LIQUID TEMP |
|-----------------|--------------|------------------------|------------|-----------------|-------|------------|-------------|------|---------------------|--------------|-------------|-------------|
| | | (R) Btu/h | (R) kcal/h | (R) W | (I) W | (E) Btu/Wh | (E) kcal/Wh | | | | | |
| ASHRAE (R-513A) | 115V ~ 60HZ | 1467 | 370 | 430 | 345 | 4.25 | 1.07 | 1.25 | -23°C (-10°F) | 54°C (130°F) | 32°C (90°F) | 32°C (90°F) |
| ASHRAE (R-134a) | 115V ~ 60HZ | 1300 | 328 | 381 | 295 | 4.41 | 1.11 | 1.29 | -23°C (-10°F) | 54°C (130°F) | 32°C (90°F) | 32°C (90°F) |
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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: 11
Weight Unit of Measure: KG
Displacement (cc): 12.01
Oil Type: Polyolester
Viscosity (cSt): 32
Oil Charge (cc): 285

Electrical

Voltage Range (50 Hz):
Voltage Range (60 Hz): 103-127
Locked Rotor Amps (LRA): 29
Rated Load Amps (RLA 50 Hz): 0
Rated Load Amps (RLA 60 Hz): 3.45
Max. Continuous Current (MCC in Amps): 6.9
Motor Resistance (Ohm) - Main: 1.38
Motor Resistance (Ohm) - Start: 3.4
MotorType: CSIR
Overload Type:
Relay Type:

Agency Approval

CE Listed, cURus Recognized