Model: AEW415Y-GS8B

Product Description

Compressor Type: Reciprocating

Application: MBP/LBP - Medium/Low Back Pressure

Refrigerant: R-134a

Voltage/Frequency: 220V ~ 50Hz / 220V ~ 60Hz

Version: AE Series

Specifications

General

Evaporating Temp. Range :-35°C to -5°C (-31°F to 23°F)

Motor Torque: Low Start Torque (LST)

Compressor Cooling: Fan

Mechanical

Weight: 11 KG

Displacement (cc): 12.48

Oil Type: Polyolester

Viscosity (cSt): 32

Oil Charge (cc): 368.65

Electrical

Locked Rotor Amps (LRA): 22

Rated Load Amps (RLA 60Hz): 2.84

Voltage Range (50Hz): 180-242

Voltage Range (60Hz): 187-242

Rated Load Amps (RLA 50Hz): 2.76

Max. Continuous Current (MCC in Amps): 0

Motor Resistance (Ohm) - Main: 3.765

Motor Resistance (Ohm) - Start: 5.895

Motor Type: CSIR

Performance

See all performance data

ASHRAE	
Test Voltage	220V ~ 60HZ
(R) Refrigeration Capacity (BTU/h)	1450
(R) Refrigeration Capacity (Kcal/h)	365
(R) Refrigeration Capacity (W)	425
Input Power (W)W	314.5
(E) Efficiency (BTU/Wh)	4.61
(E) Efficiency (Kcal/Wh)	1.16
(E) Efficiency (W/W)	1.35
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	
Test Voltage	220V ~ 50HZ
(R) Refrigeration Capacity (BTU/h)	1250
(R) Refrigeration Capacity (Kcal/h)	315
(R) Refrigeration Capacity (W)	366
Input Power (W)W	285
(E) Efficiency (BTU/Wh)	4.39
(E) Efficiency (Kcal/Wh)	1.11
(E) Efficiency (W/W)	1.29
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	220V ~ 60HZ
(R) Refrigeration Capacity (BTU/h)	3250
(R) Refrigeration Capacity (Kcal/h)	819
(R) Refrigeration Capacity (W)	953
Input Power (W)W	513.5
(E) Efficiency (BTU/Wh)	6.33
(E) Efficiency (Kcal/Wh)	1.59
(E) Efficiency (W/W)	1.86
EVAP TEMP	-6.7°C (20°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	220V ~ 50HZ
(R) Refrigeration Capacity (BTU/h)	2810
(R) Refrigeration Capacity (Kcal/h)	708
(R) Refrigeration Capacity (W)	824
Input Power (W)W	426.5
(E) Efficiency (BTU/Wh)	6.59
(E) Efficiency (Kcal/Wh)	1.66
(E) Efficiency (W/W)	1.93
EVAP TEMP	-6.7°C (20°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)