

Product Specifications

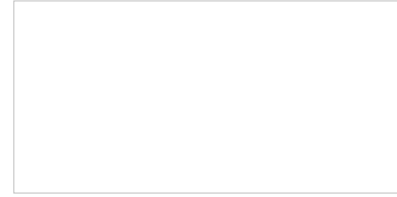
Performance

4/23/2023

Model: AE4425Z-GS1A

Product Description

Type: Reciprocating Compressors
Application: HBP - High Back Pressure
ProductDescription: R-404A
Voltage/Frequency: 220V ~ 60Hz 220V ~ 50Hz
Version: N/A



Condition	Test Voltage	Refrigeration Capacity		Input Power (E)		Efficiency		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						W/W
ASHRAE	220V ~ 60HZ	2850	718	835	353	8.07	2.03	2.37	7.2°C (45°F)	54°C (130°F)	35°C (95°F)	35°C (95°F)	46°C (115°F)
ASHRAE	220V ~ 50HZ	2350	592	689	353	7.58	1.91	2.22	7.2°C (45°F)	54°C (130°F)	35°C (95°F)	35°C (95°F)	46°C (115°F)
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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: 11
Weight Unit of Measure: KG
Displacement (cc): 4.24
Oil Type: Polyolester
Viscosity (cSt): 32
Oil Charge (cc): 386.65

Electrical

Voltage Range (50 Hz): 180-242
Voltage Range (60 Hz): 187-242
Locked Rotor Amps (LRA): 15.5
Rated Load Amps (RLA 50 Hz): 2.35
Rated Load Amps (RLA 60 Hz): 2.15
Max. Continuous Current (MCC in Amps): 3.3
Motor Resistance (Ohm) - Main: 6.49
Motor Resistance (Ohm) - Start: 15.08
MotorType: CSIR
Overload Type:
Relay Type:

Agency Approval

CE Listed, cURus Recognized