

Technical Datasheet

Product Specifications

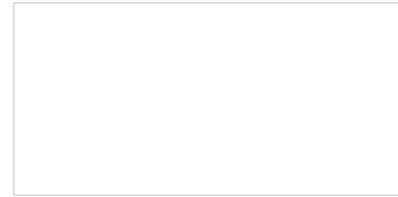
Performance

6/11/2023

Model: AE4440E-DS1A

Product Description

Type: Reciprocating Compressors
Application: HBP/CBP - High/Commercial Back Pressure
Refrigerant: R-22
Voltage/Frequency: 115-127V ~ 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-22)	115V ~ 60HZ	4000	1008	1172	486	8.23	2.07	2.41	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): 6.69
Oil Type: Synthetic Alkylate
Viscosity (cSt): 32
Oil Charge (cc): 361

Electrical

Voltage Range (50 Hz):
Voltage Range (60 Hz): 100-140
Locked Rotor Amps (LRA): 42
Rated Load Amps (RLA 50 Hz): 0
Rated Load Amps (RLA 60 Hz): 5.71
Max. Continuous Current (MCC in Amps): 9.48
Motor Resistance (Ohm) - Main: 1.34
Motor Resistance (Ohm) - Start: 3.62
MotorType: CSIR
Overload Type:
Relay Type:

Agency Approval

SGS Listed, cURus Recognized