

Product Specifications

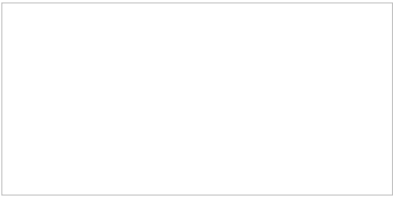
Performance

Model: AE4430E-DS1A

6/13/2023

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	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 (R-22)	115V ~ 60HZ	3200	806	938	390	8.21	2.07	2.4	7.2?C (45? F)	54?C (130? F)	35?C (95?F)	35?C (95? F)	46?C (115? F)	
ASHRAE (R-22)	127V ~ 60HZ	3200	806	938	415	7.71	1.94	2.26	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): 5.16
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): 35.5
Rated Load Amps (RLA 50 Hz): 0
Rated Load Amps (RLA 60 Hz): 4.78
Max. Continuous Current (MCC in Amps): 7.12
Motor Resistance (Ohm) - Main: 1.65
Motor Resistance (Ohm) - Start: 3.44
MotorType: CSIR
Overload Type:
Relay Type:

Agency Approval

SGS Listed, cURus Recognized