

Technical Datasheet

Product Specifications

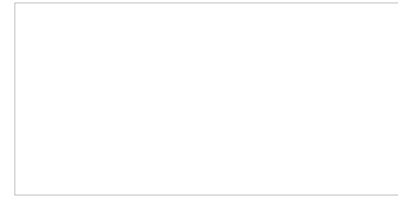
Performance

6/12/2023

Model: AE4456Y-AA1C

Product Description

Type: Reciprocating Compressors
Application: HBP/CBP - High/Commercial
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-134a)	115V ~ 60HZ	5950	1499	1744	790	7.53	1.9	2.21	7.2?C (45? F)	54?C (130? F)	35?C (95?F)	35?C (95?F)	46?C (115? F)
ARI (R-134a)	115V ~ 60HZ	5600	1411	1641	796	7.04	1.77	2.06	7.2?C (45? F)	54?C (130? F)	35?C (95?F)	18.3?C (65? F)	46?C (115? F)
ASHRAE (R-513A)	115V ~ 60HZ	6095	1536	1786	814	7.48	1.89	2.19	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): 14.51
Oil Type: Polyolester
Viscosity (cSt): 32
Oil Charge (cc): 387

Electrical

Voltage Range (50 Hz):
Voltage Range (60 Hz): 103-127
Locked Rotor Amps (LRA): 44.5
Rated Load Amps (RLA 50 Hz): 0
Rated Load Amps (RLA 60 Hz): 8.53
Max. Continuous Current (MCC in Amps): 18
Motor Resistance (Ohm) - Main: 0.8
Motor Resistance (Ohm) - Start: 4.34
MotorType: CSIR
Overload Type:
Relay Type:

Agency Approval

CE Listed, SASO Listed, cURus Recognized