

Product Specifications

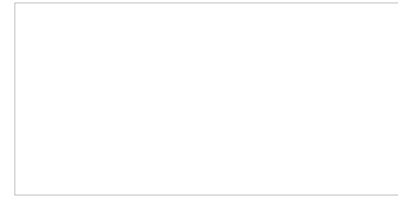
Performance

6/11/2023

Model: AE4450Z-AA1A

Product Description

Type: Reciprocating Compressors
Application: HBP/CBP - High/Commercial Back Pressure
Refrigerant: R-404A/R-407A/R-448A/R-449A/R-452A
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/W h	(E) kcal/W h						
ASHRAE (R-407A)	115V ~ 60HZ	5441	1372	1595	717	7.59	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)
ASHRAE (R-449A)	115V ~ 60HZ	5659	1427	1658	713	7.93	2	2.33	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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ASHRAE (R-452A)	115V ~ 60HZ	5483	1383	1607	745	7.36	1.86	2.16	7.2?C (45? F)	54?C (130? F)	35?C (95?F)	35?C (95? F)	46?C (115? F)
ASHRAE (R-404A)	115V ~ 60HZ	5800	1462	1700	778	7.46	1.88	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: 10
Weight Unit of Measure: KG
Displacement (cc): 8.85
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): 38
Rated Load Amps (RLA 50 Hz): 0
Rated Load Amps (RLA 60 Hz): 8.15
Max. Continuous Current (MCC in Amps): 14.39
Motor Resistance (Ohm) - Main: 1.17
Motor Resistance (Ohm) - Start: 3.61
MotorType: CSIR
Overload Type:
Relay Type:

Agency Approval

