

Model: AE4440Y-AA1A

Product Description

Type:	Reciprocating Compressors
Application:	HBP/CBP - High/Commercial Back Pressure
Refrigerant:	R-134a/R-513A
Voltage/Frequency:	115V ~ 60Hz
Version:	N/A



Product Specifications

Performance

Condition	Test Voltage	Refrigeration Capacity			Input Power (I) W	(E) Efficiency			EVAP TEMP	Condition	AMBIENT TEMP	RETURN GAS	LIQUID TEMP
		(R) Btu/h	(R) kcal/h	(R) W		(E) Btu/Wh	(E) kcal/Wh	W/W					
ASHRAE (R-513A)	115V ~ 60HZ	4528	1141	1327	611	7.4	1.87	2.17	7.2°C (45°F)	54°C (130°F)	35°C (95°F)	35°C (95°F)	46°C (115°F)
ARI (R-513A)	115V ~ 60HZ	4213	1062	1234	610	6.91	1.74	2.02	7.2°C (45°F)	54°C (130°F)	35°C (95°F)	18.3°C (65°F)	46°C (115°F)
ASHRAE (R-134a)	115V ~ 60HZ	4350	1096	1275	550	7.91	1.99	2.32	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):	10.33
Oil Type:	Polyolester
Viscosity (cSt):	32
Oil Charge (cc):	284.9

Electrical

Voltage Range (50 Hz):	
Voltage Range (60 Hz):	103-127
Locked Rotor Amps (LRA):	32
Rated Load Amps (RLA 50 Hz):	0
Rated Load Amps (RLA 60 Hz):	5.82
Max. Continuous Current (MCC in Amps):	8.81
Motor Resistance (Ohm) - Main:	1.65
Motor Resistance (Ohm) - Start:	3.44

MotorType:
Overload Type:
Relay Type:

CSIR

Agency Approval

CE Listed, SASO Listed, cURus Recognized