

**Model: AE4440Y-AA1A**
**Product Description**

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

**General**

<b>Evaporating Temp. Range:</b>	-15°C to 15°C (5°F to 59°F)
<b>Motor Torque:</b>	High Start Torque (HST)
<b>Compressor Cooling:</b>	Fan

**Mechanical**

<b>Weight:</b>	10
<b>Weight Unit of Measure:</b>	KG
<b>Displacement (cc):</b>	10.33
<b>Oil Type:</b>	Polyolester
<b>Viscosity (cSt):</b>	32
<b>Oil Charge (cc):</b>	284.9

**Electrical**

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

## Agency Approval

CE Listed, SASO Listed, cURus Recognized