

**Model: AE4450Y-AA1A**
**Product Description**

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


**Product Specifications**
**Performance**

Condition	Test Voltage	Refrigeration Capacity			Input Power	Efficiency			EVAP TEMP	COND TEMP	AMBIENT TEMP	RETURN GAS	LIQUID TEMP
		Btu/h	kcal/h	W	W	Btu/Wh	kcal/Wh	W/W					
ASHRAE	115V ~ 60HZ	5450	1373	1597	732	7.45	1.88	2.18	7.2°C (45°F)	54°C (130°F)	35°C (95°F)	35°C (95°F)	46°C (115°F)

**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:** 0  
**Weight Unit of Measure:** N/A  
**Displacement (cc):** 13.24  
**Oil Type:** Polyolester  
**Viscosity (cSt):** 32  
**Oil Charge (cc):** 387

**Electrical**

**Voltage Range (50 Hz):** N/A  
**Voltage Range (60 Hz):** 103-127  
**Locked Rotor Amps (LRA):** 42  
**Rated Load Amps (RLA 50 Hz):** 0  
**Rated Load Amps (RLA 60 Hz):** 7.75  
**Max. Continuous Current (MCC in Amps):** 0  
**Motor Resistance (Ohm) - Main:** 1.14  
**Motor Resistance (Ohm) - Start:** 3.8  
**Motor Type:** CSIR  
**Overload Type:** N/A  
**Relay Type:** N/A

**Agency Approval**

cURus Recognized