



## Model: AE4440Y-AA1A (AE4440Y-AA)

### Product Description

**Type:** Reciprocating  
**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	Efficiency			EVAP TEMP	COND TEMP	AMBIENT TEMP	RETURN GAS	LIQUID TEMP
		Btu/h	kcal/h	W	W	Btu/Wh	kcal/Wh	W/W					
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)
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-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)

#### 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):** N/A  
**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  
**Motor Type:** CSIR  
**Overload Type:** N/A  
**Relay Type:** N/A

**Agency Approval**

**CE Listed, SASO Listed, cURus Recognized**