



## Model: AE4450Y-AA1C (AE4450Y-AA)

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### Product Description

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

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### Product Specifications

#### Performance

Condition	Test Voltage	Refrigeration Capacity			Input Power W	Efficiency			EVAP TEMP	COND TEMP	AMBIENT TEMP	RETURN GAS	LIQUID TEMP
		Btu/h	kcal/h	W		Btu/Wh	kcal/Wh	W/W					
EN12900	115V ~ 60HZ	4710	1186	1380	643	7.32	1.84	2.14	5°C (41°F)	50°C (122°F)	32°C (90°F)	20°C (68°F)	50°C (122°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:** 11  
**Weight Unit of Measure:** KG  
**Displacement (cc):** 13.24  
**Oil Type:** Polyolester  
**Viscosity (cSt):** 32  
**Oil Charge (cc):** 280

#### Electrical

**Voltage Range (50 Hz):** N/A  
**Voltage Range (60 Hz):** 103-127  
**Locked Rotor Amps (LRA):** 41.6  
**Rated Load Amps (RLA 50 Hz):** 0  
**Rated Load Amps (RLA 60 Hz):** 7.5  
**Max. Continuous Current (MCC in Amps):** 11.3  
**Motor Resistance (Ohm) - Main:** .884  
**Motor Resistance (Ohm) - Start:** 3.589  
**Motor Type:** CSIR  
**Overload Type:** N/A  
**Relay Type:** N/A

#### Agency Approval

CE Listed, SASO Listed, UL Recognized