

## Product Specifications

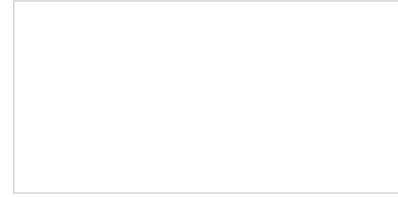
Performance

6/11/2023

Model: AE4430Y-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



Condition	Test Voltage	Refrigeration Capacity		Input Power (E)		Efficiency (E)		W/W	EVAP TEMP	Condition	AMBIENT TEMP	RETURN GAS	LIQUID TEMP
		(R) Btu/h	(R) kcal/h	(R) W	(I) W	(E) Btu/Wh	(E) kcal/Wh						
ARI (R-134a)	115V ~ 60HZ	3257	821	954	448	7.27	1.83	2.13	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	3465	873	1015	450	7.71	1.94	2.26	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):** 8.02  
**Oil Type:** Polyolester  
**Viscosity (cSt):** 32  
**Oil Charge (cc):** 264.55

### Electrical

**Voltage Range (50 Hz):**  
**Voltage Range (60 Hz):** 103-127  
**Locked Rotor Amps (LRA):** 27.5  
**Rated Load Amps (RLA 50 Hz):** 0  
**Rated Load Amps (RLA 60 Hz):** 4.91  
**Max. Continuous Current (MCC in Amps):** 6.8  
**Motor Resistance (Ohm) - Main:** 1.91  
**Motor Resistance (Ohm) - Start:** 5.41  
**MotorType:** CSIR  
**Overload Type:**  
**Relay Type:**

Agency Approval

CE Listed, SASO Listed, cURus Recognized