



Model: AE4430Y-AA1A (AE4430Y-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	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)
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)

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): 285

Electrical

Voltage Range (50 Hz): N/A
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
Motor Type: CSIR
Overload Type: N/A
Relay Type: N/A

Agency Approval

CE Listed, SASO Listed, cURus Recognized