



Model: AE4430Z-AA1A (AE4430Z-AA)

Product Description

Type: Reciprocating
Application: HBP/CBP - High/Commercial
 Back Pressure
Refrigerant: R-404A/R-449A
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-404A)	115V ~ 60HZ	3450	869	1011	446	7.74	1.95	2.27	7.2°C (45°F)	54°C (130°F)	35°C (95°F)	35°C (95°F)	46°C (115°F)
ASHRAE (R-452A)	115V ~ 60HZ	3363	847	985	428	7.85	1.97	2.29	7.2°C (45°F)	54°C (130°F)	35°C (95°F)	35°C (95°F)	46°C (115°F)
ASHRAE (R-449A)	115V ~ 60HZ	3192	805	935	412	7.75	1.95	2.27	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): 5.16
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): 5.1
Max. Continuous Current (MCC in Amps): 7.96
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, cURus Recognized