



Model: AE4430Y-GS1A (AE4430Y-GS)

Product Description

Type: Reciprocating
Application: HBP - High Back Pressure
Refrigerant: R-134a
Voltage/Frequency: 220V ~ 60Hz 220V ~ 50Hz
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	220V ~ 60HZ	3300	832	967	415	7.95	2	2.33	7.2°C (45°F)	54°C (130°F)	35°C (95°F)	35°C (95°F)	46°C (115°F)
ASHRAE	220V ~ 50HZ	2800	706	821	363	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): 180-242
Voltage Range (60 Hz): 187-242
Locked Rotor Amps (LRA): 12.5
Rated Load Amps (RLA 50 Hz): 2.5
Rated Load Amps (RLA 60 Hz): 2.35
Max. Continuous Current (MCC in Amps): 5.73
Motor Resistance (Ohm) - Main: 8.61
Motor Resistance (Ohm) - Start: 10.01
Motor Type: CSIR
Overload Type: N/A
Relay Type: N/A

Agency Approval

CCC Listed, CE Listed, SASO Listed, SGS Listed,
 VDE Listed, cURus Recognized