



Model: AE4450Y-GS3C (AE4450Y-GS)

Product Description

Type: Reciprocating
Application: HBP/CBP - High/Commercial
 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	5450	1373	1597	625	8.72	2.2	2.56	7.2°C (45°F)	54°C (130°F)	35°C (95°F)	35°C (95°F)	46°C (115°F)
ASHRAE	220V ~ 50HZ	4650	1172	1363	545	8.53	2.15	2.5	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: 11
Weight Unit of Measure: KG
Displacement (cc): 13.24
Oil Type: Polyolester
Viscosity (cSt): 32
Oil Charge (cc): 387

Electrical

Voltage Range (50 Hz): 180-242
Voltage Range (60 Hz): 187-242
Locked Rotor Amps (LRA): 24.5
Rated Load Amps (RLA 50 Hz): 3.5
Rated Load Amps (RLA 60 Hz): 3.16
Max. Continuous Current (MCC in Amps): 4.9
Motor Resistance (Ohm) - Main: 3.45
Motor Resistance (Ohm) - Start: 16.79
Motor Type: CSR
Overload Type: N/A
Relay Type: N/A

Agency Approval

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