



Technical Data Sheet

Model: AWS4522ZXN

22-Dec-16

Product Description

Type: Reciprocating
 Application: HMBP
 Refrigerant: R-404A
 Voltage/Frequency: 208-230V-60Hz
 200-220V-50Hz

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					
ASHRAE	230V 1-60HZ	21785	5493	6385	2364	9.22	2.32	2.7	7.2°C (45°F)	54°C (130°F)	35°C (95°F)	35°C (95°F)	46°C (115°F)
ASHRAE	220V 1-50HZ	18486	4662	5418	2111	8.76	2.21	2.57	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: 26
 Weight Unit of Measure: kg
 Displacement (cc): 39.6
 Oil Type: Polyolester
 Viscosity (cSt): 32
 Oil Charge (cc): 1140
 Sound Power dB(A): -

Electrical

Voltage Range (50 Hz): 180-242
 Voltage Range (60 Hz): 197-254
 Locked Rotor Amps (LRA): 60
 Rated Load Amps (RLA 50 Hz): 11.45
 Rated Load Amps (RLA 60 Hz): 10.54
 Max. Continuous Current (MCC in Amps): 19.1
 Motor Resitance (Ohm) - Main: 0.93
 Motor Resitance (Ohm) - Start: 2.85
 Motor Type: CSR
 Overload Type: Internal
 Relay Type: RVA2AEKD
 Start Capacitor (MFD, VAC): 88 - 108 mfd, 330 V
 Run Capacitor (MFD, VAC): 36 mfd, 440 / 450 V

Agency Approval

CCC Listed