

Model: AE2420Z-FZ1C
Product Description

Type: Reciprocating Compressors
Application: LBP - Low Back Pressure
Refrigerant: R-404A
Voltage/Frequency: 220-240V ~ 50Hz
Version: N/A


Product Specifications
Performance

Condition	Test Voltage	Refrigeration Capacity			Input Power (I) W	(E) Efficiency			EVAP TEMP	Condition	AMBIENT TEMP	RETURN GAS	LIQUID TEMP
		(R) Btu/h	(R) kcal/h	(R) W		(E) Btu/Wh	(E) kcal/Wh	W/W					
ASHRAE (R-407A)	220V ~ 50HZ	1186	299	348	318	3.73	.94	1.09	-23°C (-10°F)	54°C (130°F)	32°C (90°F)	32°C (90°F)	32°C (90°F)
ASHRAE (R-449A)	220V ~ 50HZ	1484	374	435	342	4.34	1.09	1.27	-23°C (-10°F)	54°C (130°F)	32°C (90°F)	32°C (90°F)	32°C (90°F)
ASHRAE (R-448A)	220V ~ 50HZ	1484	374	435	342	4.34	1.09	1.27	-23°C (-10°F)	54°C (130°F)	32°C (90°F)	32°C (90°F)	32°C (90°F)
ASHRAE (R-452A)	220V ~ 50HZ	1507	380	442	360	4.19	1.06	1.23	-23°C (-10°F)	54°C (130°F)	32°C (90°F)	32°C (90°F)	32°C (90°F)
EN12900 (R-404A)	220V ~ 50HZ	840	211	246	252	3.33	.84	.97	-35°C (-31°F)	40°C (104°F)	32°C (90°F)	20°C (68°F)	40°C (104°F)

General

Evaporating Temp. Range: -40°C to -10°C (-40°F to 14°F)
Motor Torque: High Start Torque (HST)
Compressor Cooling: Fan

Mechanical

Weight: 11
Weight Unit of Measure: KG
Displacement (cc): 9.35
Oil Type: Polyolester
Viscosity (cSt): 32
Oil Charge (cc): 380

Electrical

Voltage Range (50 Hz): 198-253
Voltage Range (60 Hz):
Locked Rotor Amps (LRA): 16.4
Rated Load Amps (RLA 50 Hz): 2.3
Rated Load Amps (RLA 60 Hz): 0
Max. Continuous Current (MCC in Amps): 4.4
Motor Resistance (Ohm) - Main: .913
Motor Resistance (Ohm) - Start: 3.851
Motor Type: CSIR

Overload Type:

Relay Type:

Agency Approval

CE Listed, GOST RUSSIA Listed, GOST UKRAINE Listed, VDE Listed