

Model: AE2420Z-DS1B

Product Description

Type:	Reciprocating Compressors
Application:	LBP - Low Back Pressure
Refrigerant:	R-404A/R-407A/R-448A/R-449A/R-452A
Voltage/Frequency:	115-127V ~ 60Hz
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)	115V ~ 60HZ	1496	377	439	387	3.86	.97	1.13	-23°C (-10°F)	54°C (130°F)	32°C (90°F)	32°C (90°F)	32°C (90°F)
ASHRAE (R-449A)	115V ~ 60HZ	1872	472	549	417	4.49	1.13	1.32	-23°C (-10°F)	54°C (130°F)	32°C (90°F)	32°C (90°F)	32°C (90°F)
ASHRAE (R-448A)	115V ~ 60HZ	1872	472	549	417	4.49	1.13	1.32	-23°C (-10°F)	54°C (130°F)	32°C (90°F)	32°C (90°F)	32°C (90°F)
ASHRAE (R-452A)	115V ~ 60HZ	1902	480	557	438	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-404A)	115V ~ 60HZ	2050	517	601	473	4.33	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-404A)	127V ~ 60HZ	2050	517	601	491	4.18	1.05	1.22	-23°C (-10°F)	54°C (130°F)	32°C (90°F)	32°C (90°F)	32°C (90°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):	9.33
Oil Type:	Polyolester
Viscosity (cSt):	32
Oil Charge (cc):	387

Electrical

Voltage Range (50 Hz):	
Voltage Range (60 Hz):	100-140
Locked Rotor Amps (LRA):	45
Rated Load Amps (RLA 50 Hz):	0
Rated Load Amps (RLA 60 Hz):	6.25
Max. Continuous Current (MCC in Amps):	9.28
Motor Resistance (Ohm) - Main:	.884
Motor Resistance (Ohm) - Start:	4.052

MotorType:
Overload Type:
Relay Type:

CSIR

Agency Approval

CE Listed, SGS Listed, cURus Recognized