

## Model: AE2420Z-GS1B

### Product Description

<b>Type:</b>	Reciprocating Compressors
<b>Application:</b>	LBP - Low Back Pressure
<b>Refrigerant:</b>	R-404A/R-407A/R-448A/R-449A/R-452A
<b>Voltage/Frequency:</b>	220V ~ 60Hz 220V ~ 50Hz
<b>Version:</b>	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-449A)	220V ~ 60HZ	1872	472	549	389	4.81	1.21	1.41	-23??C (-10??F)	54??C (130??F)	32??C (90??F)	32??C (90??F)	32??C (90??F)
ASHRAE (R-452A)	220V ~ 60HZ	1902	480	557	410	4.64	1.17	1.36	-23??C (-10??F)	54??C (130??F)	32??C (90??F)	32??C (90??F)	32??C (90??F)
ASHRAE (R-448A)	220V ~ 60HZ	1872	472	549	389	4.81	1.21	1.41	-23??C (-10??F)	54??C (130??F)	32??C (90??F)	32??C (90??F)	32??C (90??F)
ASHRAE (R-407A)	220V ~ 60HZ	1496	377	439	362	4.14	1.04	1.21	-23??C (-10??F)	54??C (130??F)	32??C (90??F)	32??C (90??F)	32??C (90??F)
ASHRAE (R-404A)	220V ~ 50HZ	1700	428	498	390	4.36	1.1	1.28	-23??C (-10??F)	54??C (130??F)	32??C (90??F)	32??C (90??F)	32??C (90??F)
ASHRAE (R-404A)	220V ~ 60HZ	2050	517	601	442	4.64	1.17	1.36	-23??C (-10??F)	54??C (130??F)	32??C (90??F)	32??C (90??F)	32??C (90??F)
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#### General

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

#### Mechanical

<b>Weight:</b>	11
<b>Weight Unit of Measure:</b>	KG
<b>Displacement (cc):</b>	9.33
<b>Oil Type:</b>	Polyolester
<b>Viscosity (cSt):</b>	32
<b>Oil Charge (cc):</b>	387

#### Electrical

<b>Voltage Range (50 Hz):</b>	180-242
<b>Voltage Range (60 Hz):</b>	187-242

<b>Locked Rotor Amps (LRA):</b>	19
<b>Rated Load Amps (RLA 50 Hz):</b>	2.9
<b>Rated Load Amps (RLA 60 Hz):</b>	2.64
<b>Max. Continuous Current (MCC in Amps):</b>	4.19
<b>Motor Resistance (Ohm) - Main:</b>	3.59
<b>Motor Resistance (Ohm) - Start:</b>	19.15
<b>Motor Type:</b>	CSIR
<b>Overload Type:</b>	
<b>Relay Type:</b>	

## Agency Approval

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