



## Model: AE2420Z-FZ1C (AE2420Z-FZ)

### Product Description

**Type:** Reciprocating  
**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	Efficiency			EVAP TEMP	COND TEMP	AMBIENT TEMP	RETURN GAS	LIQUID TEMP
		Btu/h	kcal/h	W	W	Btu/Wh	kcal/Wh	W/W					
ASHRAE (R-452A)	220V ~ 50HZ	1439	362	421	361	3.98	1	1.16	-23°C (-10°F)	54°C (130°F)	32°C (90°F)	32°C (90°F)	32°C (90°F)
EN12900	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)
ASHRAE (R-449A)	220V ~ 50HZ	1355	341	397	340	3.99	1	1.17	-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):** 9.35  
**Oil Type:** Polyolester  
**Viscosity (cSt):** 32  
**Oil Charge (cc):** 380

#### Electrical

**Voltage Range (50 Hz):** 198-253  
**Voltage Range (60 Hz):** N/A  
**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:** N/A  
**Relay Type:** N/A

#### Agency Approval

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