

**Model: AE2410Z-FZ1A**
**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	620	156	182	178	3.49	.88	1.02	-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	776	196	227	191	4.06	1.02	1.19	-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	776	196	227	191	4.06	1.02	1.19	-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	789	199	231	201	3.92	.99	1.15	-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	850	214	249	217	3.92	.99	1.15	-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:** 10  
**Weight Unit of Measure:** KG  
**Displacement (cc):** 5.02  
**Oil Type:** Polyolester  
**Viscosity (cSt):** 32  
**Oil Charge (cc):** 285

**Electrical**

**Voltage Range (50 Hz):** 198-253  
**Voltage Range (60 Hz):**  
**Locked Rotor Amps (LRA):** 11.5  
**Rated Load Amps (RLA 50 Hz):** 1.57  
**Rated Load Amps (RLA 60 Hz):** 0  
**Max. Continuous Current (MCC in Amps):** 0  
**Motor Resistance (Ohm) - Main:** 10.361  
**Motor Resistance (Ohm) - Start:** 17.976  
**Motor Type:** CSIR

**Overload Type:**  
**Relay Type:**

## Agency Approval

CCC Listed, CE Listed, VDE Listed