

**Model: AE4450U-FZ1A**
**Product Description**

**Type:** Reciprocating Compressors  
**Application:** HBP - High Back Pressure  
**Refrigerant:** R-290  
**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	220V ~ 50HZ	4750	1197	1392	560	8.48	2.14	2.49	7.2°C (45°F)	54°C (130°F)	35°C (95°F)	35°C (95°F)	46°C (115°F)

**General**

**Evaporating Temp. Range:** -15°C to 15°C (5°F to 59°F)  
**Motor Torque:** High Start Torque (HST)  
**Compressor Cooling:** Fan

**Mechanical**

**Weight:** 11  
**Weight Unit of Measure:** KG  
**Displacement (cc):** 10.33  
**Oil Type:** Polyolester  
**Viscosity (cSt):** 32  
**Oil Charge (cc):** 387

**Electrical**

**Voltage Range (50 Hz):** 198-253  
**Voltage Range (60 Hz):**  
**Locked Rotor Amps (LRA):** 14.5  
**Rated Load Amps (RLA 50 Hz):** 3.14  
**Rated Load Amps (RLA 60 Hz):** 0  
**Max. Continuous Current (MCC in Amps):** 0  
**Motor Resistance (Ohm) - Main:** 6.7  
**Motor Resistance (Ohm) - Start:** 19.31  
**Motor Type:** CSIR  
**Overload Type:**  
**Relay Type:**

**Agency Approval**

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