



## Model: AE4450Y-FZ1C (AE4450Y-FZ)

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### Product Description

**Type:** Reciprocating  
**Application:** HBP/CBP - High/Commercial  
Back Pressure  
**Refrigerant:** R-134a  
**Voltage/Frequency:** 220-240V ~ 50Hz  
**Version:** N/A

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### 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	220V ~ 50HZ	4650	1172	1363	565	8.23	2.07	2.41	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:** 0  
**Weight Unit of Measure:** N/A  
**Displacement (cc):** 13.24  
**Oil Type:** Polyolester  
**Viscosity (cSt):** 32  
**Oil Charge (cc):** 386.65

#### Electrical

**Voltage Range (50 Hz):** 198-253  
**Voltage Range (60 Hz):** N/A  
**Locked Rotor Amps (LRA):** 17  
**Rated Load Amps (RLA 50 Hz):** 3.23  
**Rated Load Amps (RLA 60 Hz):** 0  
**Max. Continuous Current (MCC in Amps):** 0  
**Motor Resistance (Ohm) - Main:** 4.75  
**Motor Resistance (Ohm) - Start:** 18.24  
**Motor Type:** CSIR  
**Overload Type:** N/A  
**Relay Type:** N/A

#### Agency Approval

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