



## Model: AE4425Y-FZ1A (AE4425Y-FZ)

### Product Description

**Type:** Reciprocating  
**Application:** HBP/CBP - High/Commercial  
Back Pressure  
**Refrigerant:** R-134a  
**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-134a)	220V ~ 50HZ	2300	580	674	279	8.24	2.08	2.42	7.2°C (45°F)	54°C (130°F)	35°C (95°F)	35°C (95°F)	46°C (115°F)
ASHRAE (R-513A)	220V ~ 50HZ	2384	601	698	302	7.9	1.99	2.31	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:** 9  
**Weight Unit of Measure:** KG  
**Displacement (cc):** 6.69  
**Oil Type:** Polyolester  
**Viscosity (cSt):** 32  
**Oil Charge (cc):** 285

#### Electrical

**Voltage Range (50 Hz):** 198-253  
**Voltage Range (60 Hz):** N/A  
**Locked Rotor Amps (LRA):** 10.5  
**Rated Load Amps (RLA 50 Hz):** 1.65  
**Rated Load Amps (RLA 60 Hz):** 0  
**Max. Continuous Current (MCC in Amps):** 0  
**Motor Resistance (Ohm) - Main:** 12.85  
**Motor Resistance (Ohm) - Start:** 27.56  
**Motor Type:** CSIR  
**Overload Type:** N/A  
**Relay Type:** N/A

#### Agency Approval

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