

**Model: AE4450Z-FZ1A**
**Product Description**

<b>Type:</b>	Reciprocating Compressors
<b>Application:</b>	HBP/CBP - High/Commercial Back Pressure
<b>Refrigerant:</b>	R-404A/R-407A/R-448A/R-449A/R-452A
<b>Voltage/Frequency:</b>	220-240V ~ 50Hz
<b>Version:</b>	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	4503	1135	1320	584	7.7	1.94	2.26	7.2°C (45°F)	54°C (130°F)	35°C (95°F)	35°C (95°F)	46°C (115°F)
ASHRAE (R-449A)	220V ~ 50HZ	4636	1169	1359	583	7.96	2.01	2.33	7.2°C (45°F)	54°C (130°F)	35°C (95°F)	35°C (95°F)	46°C (115°F)
ASHRAE (R-448A)	220V ~ 50HZ	4636	1169	1359	583	7.96	2.01	2.33	7.2°C (45°F)	54°C (130°F)	35°C (95°F)	35°C (95°F)	46°C (115°F)
ASHRAE (R-452A)	220V ~ 50HZ	4537	1144	1330	607	7.48	1.89	2.19	7.2°C (45°F)	54°C (130°F)	35°C (95°F)	35°C (95°F)	46°C (115°F)
ASHRAE (R-404A)	220V ~ 50HZ	4800	1210	1407	634	7.57	1.91	2.22	7.2°C (45°F)	54°C (130°F)	35°C (95°F)	35°C (95°F)	46°C (115°F)

**General**

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

**Mechanical**

<b>Weight:</b>	11
<b>Weight Unit of Measure:</b>	KG
<b>Displacement (cc):</b>	8.85
<b>Oil Type:</b>	Polyolester
<b>Viscosity (cSt):</b>	32
<b>Oil Charge (cc):</b>	387

**Electrical**

<b>Voltage Range (50 Hz):</b>	198-253
<b>Voltage Range (60 Hz):</b>	
<b>Locked Rotor Amps (LRA):</b>	17.5
<b>Rated Load Amps (RLA 50 Hz):</b>	3.52
<b>Rated Load Amps (RLA 60 Hz):</b>	0
<b>Max. Continuous Current (MCC in Amps):</b>	0
<b>Motor Resistance (Ohm) - Main:</b>	5.74
<b>Motor Resistance (Ohm) - Start:</b>	25.41
<b>Motor Type:</b>	CSIR

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

## Agency Approval

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