



## Model: AE4470Z-ES3C (AE4470Z-ES)

### Product Description

**Type:** Reciprocating  
**Application:** HBP - High Back Pressure  
**Refrigerant:** R-404A  
**Voltage/Frequency:** 220V ~ 60Hz  
**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-452A)	220V ~ 60HZ	7702	1940	2256	988	7.79	1.96	2.28	7.2°C (45°F)	54°C (130°F)	35°C (95°F)	35°C (95°F)	46°C (115°F)
ASHRAE	220V ~ 60HZ	7900	1991	2315	1029	7.68	1.93	2.25	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 ~ 60HZ	7559	1905	2215	948	7.97	2.01	2.34	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):** 12.01  
**Oil Type:** Polyolester  
**Viscosity (cSt):** 32  
**Oil Charge (cc):** 386.65

#### Electrical

**Voltage Range (50 Hz):** N/A  
**Voltage Range (60 Hz):** 187-242  
**Locked Rotor Amps (LRA):** 29  
**Rated Load Amps (RLA 50 Hz):** 0  
**Rated Load Amps (RLA 60 Hz):** 5.05  
**Max. Continuous Current (MCC in Amps):** 6.91  
**Motor Resistance (Ohm) - Main:** 2.36  
**Motor Resistance (Ohm) - Start:** 7.37  
**Motor Type:** CSR  
**Overload Type:** N/A  
**Relay Type:** N/A

#### Agency Approval

**CE Listed, SASO Listed, SGS Listed, cURus  
Recognized**