

**Model: AHC5524CTZ**
**Product Description**

**Type:** Reciprocating Compressors  
**Application:** HBP/AC - Air Conditioning  
**Refrigerant:** R-407C  
**Voltage/Frequency:** 440V 3~ 60Hz 400V 3~ 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	(E) W/W					
EN12900	440V 3~ 60HZ	19642	4950	5755	2523	7.79	1.96	2.28	5°C (41°F)	50°C (122°F)	32°C (90°F)	15°C (59°F)	50°C (122°F)
EN12900	400V 3~ 50HZ	16130	4065	4726	1987	8.12	2.05	2.38	5°C (41°F)	50°C (122°F)	32°C (90°F)	15°C (59°F)	50°C (122°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:** 30  
**Weight Unit of Measure:** KG  
**Displacement (cc):** 43.5  
**Oil Type:** Polyolester  
**Viscosity (cSt):** 32  
**Oil Charge (cc):** 1330

**Electrical**

**Voltage Range (50 Hz):** 340-440  
**Voltage Range (60 Hz):** 396-499  
**Locked Rotor Amps (LRA):** 25.1  
**Rated Load Amps (RLA 50 Hz):** 4.1  
**Rated Load Amps (RLA 60 Hz):** 3.9  
**Max. Continuous Current (MCC in Amps):** 6.8

<b>Motor Resistance (Ohm) - Main:</b>	6.3
<b>Motor Resistance (Ohm) - Start:</b>	6.3
<b>MotorType:</b>	3PH
<b>Overload Type:</b>	
<b>Relay Type:</b>	

## Agency Approval

CE Listed, GOST RUSSIA Listed, GOST UKRAINE Listed, IRAM Listed