



## Model: AJ4511N-TZ1A (TAJ4511N)

### Product Description

**Type:** Reciprocating  
**Application:** HBP - High Back Pressure  
**Refrigerant:** R-1234yf/R-134a  
**Voltage/Frequency:** 440V 3~ 60Hz 400V 3~ 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					
EN12900	400V 3~ 50HZ	9204	2319	2696	1085	8.48	2.13	2.48	5°C (41°F)	50°C (122°F)	32°C (90°F)	20°C (68°F)	50°C (122°F)
EN12900	440V 3~ 60HZ	10605	2672	3107	1346	7.87	1.98	2.3	5°C (41°F)	50°C (122°F)	32°C (90°F)	20°C (68°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:** 19  
**Weight Unit of Measure:** KG  
**Displacement (cc):** 32.7  
**Oil Type:** Polyolester  
**Viscosity (cSt):** 32  
**Oil Charge (cc):** 475

#### Electrical

**Voltage Range (50 Hz):** 340-440  
**Voltage Range (60 Hz):** 396-499  
**Locked Rotor Amps (LRA):** 17.3  
**Rated Load Amps (RLA 50 Hz):** 2.4  
**Rated Load Amps (RLA 60 Hz):** 2.5  
**Max. Continuous Current (MCC in Amps):** 4.4  
**Motor Resistance (Ohm) - Main:** 14.8  
**Motor Resistance (Ohm) - Start:** 14.8  
**Motor Type:** 3PH  
**Overload Type:** N/A  
**Relay Type:** N/A

#### Agency Approval

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