

## Product Specifications

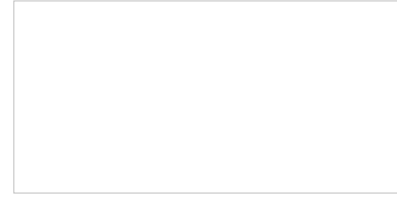
Performance

6/14/2023

Model: AWS2512ZKZ

### Product Description

**Type:** Reciprocating Compressors  
**Application:** LBP - Low Back Pressure  
**Refrigerant:** R-404A  
**Voltage/Frequency:** 220V 3~ 60Hz 220V 3~ 50Hz  
**Version:** N/A



Condition	Test Voltage	Refrigeration Capacity		Input Power (E) Efficiency			EVAP TEMP	Condition	AMBIENT TEMP	RETURN GAS	LIQUID TEMP		
		(R) Btu/h	(R) kcal/h	(R) W	(I) W	(E) Btu/Wh						(E) kcal/Wh	W/W
ARI	220V 3~ 50HZ	8740	2202	2559	2277	3.84	0.97	1.12	-23?C (-10? F)	49?C (120? F)	35?C (95?F)	4.4?C (40? F)	49?C (120? F)
ARI	220V 3~ 60HZ	10200	2570	2987	2673	3.82	0.96	1.12	-23?C (-10? F)	49?C (120? F)	35?C (95?F)	4.4?C (40? F)	49?C (120? F)
EN12900	220V 3~ 50HZ	5865	1478	1717	1495	3.92	0.99	1.15	-35?C (-31? F)	40?C (104? F)	32?C (90?F)	20?C (68?F)	40?C (104? F)
EN12900	220V 3~ 60HZ	6800	1714	1991	1688	4.03	1.02	1.18	-35?C (-31? F)	40?C (104? F)	32?C (90?F)	20?C (68?F)	40?C (104? F)
ASHRAE	220V 3~ 60HZ	13600	3427	3982	2700	5.04	1.27	1.47	-23?C (-10? F)	54?C (130? F)	32?C (90?F)	32?C (90?F)	32?C (90?F)
ASHRAE	220V 3~ 50HZ	11500	2898	3367	2300	5	1.26	1.46	-23?C (-10? F)	54?C (130? F)	32?C (90?F)	32?C (90?F)	32?C (90?F)
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### General

**Evaporating Temp. Range:** -40°C to -12.2°C (-40°F to 10°F)  
**Motor Torque:** High Start Torque (HST)  
**Compressor Cooling:** Fan

### Mechanical

**Weight:** 29  
**Weight Unit of Measure:** KG  
**Displacement (cc):** 68  
**Oil Type:** Polyolester  
**Viscosity (cSt):** 32  
**Oil Charge (cc):** 1140

### Electrical

**Voltage Range (50 Hz):** 180-253  
**Voltage Range (60 Hz):** 187-264  
**Locked Rotor Amps (LRA):** 70  
**Rated Load Amps (RLA 50 Hz):** 7.6  
**Rated Load Amps (RLA 60 Hz):** 8  
**Max. Continuous Current (MCC in Amps):** 16  
**Motor Resistance (Ohm) - Main:** 1.31  
**Motor Resistance (Ohm) - Start:**  
**MotorType:** 3PH  
**Overload Type:**  
**Relay Type:**

Agency Approval  
ISI Listed, UL Recognized