



**AWR5528EXC**

**Product Family :**  
**AW**

**Application :**  
**AC, HBP**

**Status :**  
**Active**

**Voltage :**  
**220-240V 1PH 50Hz**

**Refrigerant :**  
**R-22**

**Product Technology :**  
**Reciprocating**

**AW Series Reciprocating Compressor**

<b>Project Name:</b>	
<b>Customer Name:</b>	
<b>Item Number:</b>	
<b>Refrigerant:</b>	
<b>Job Location:</b>	
<b>Date:</b>	



# PRODUCT SPECIFICATION

## General

Horse Power: 2 HP

Motor Torque: Low Start Torque (LST)

Evaporating Range: -23.3°C to 12.8°C (-10°F to 55°F)

## Mechanical

Displacement (CC): 48.43

Compressor Cooling: Fan

Oil Charge: 1140 cc

Oil Type: Mineral

Viscosity: 37

## Agency Approval

Agency: ISI

## Electrical

LRA: 65

Motor Type: PSC

MCC: 16.7

Motor Resistance - Main: 0.95

Motor Resistance Start: 2.83

RLA 50HZ: 10.5

Voltage Frequency: 50Hz

Voltage Range 50Hz: 198to264



## PERFORMANCE

Performance Data shown here is calculated and is for reference purposes. For actual performance data at specific rated conditions please click on the Performance Calculator button below the table. The performance calculator is only available for Fixed Speed Compressors and Condensing Units. If you do not see performance data here, please contact Customer Service for assistance.



**REFRIGERANT: R22 FREQUENCY: 50HZ**

Operating conditions	Application	Capacity (W)	Capacity (Btu/h)	Capacity (Kcal/h)
ARI 520-90 45°F, 130°F 7°C, 54°C	Air Conditioning	6528	22261	5614
ARI 540-97 45°F, 130°F 7°C, 54°C	Air Conditioning	6052	20638	5205
ASHRAE 45°F, 130°F 7°C, 54°C	Air Conditioning	6774	23100	5825
CECOMAF 41°F, 131°F 5°C, 55°C	Air Conditioning	5674	19349	4879
EN12900 41°F, 122°F 5°C, 50°C	Air Conditioning	5905	20138	5079

Looking for the complete set of Performance Data for this product? Please see our [Performance Calculator](#).



## ITEMS SPECIFICATIONS

	<b>AW160NH-077-A4Q</b>
<b>Documentation</b>	
<b>Drawing_EN</b>	
<b>Electrical</b>	
<b>Specification</b>	
<b>Status</b>	<b>Active</b>
<b>Global Model</b>	<b>AWR5528EXC</b>
<b>Overload Type</b>	<b>Internal</b>
<b>Packaging</b>	<b>MULTI</b>
<b>Length</b>	<b>249 MM(9.789IN)</b>
<b>Height</b>	<b>334 MM(13.143IN)</b>
<b>Width</b>	<b>229 MM(8.9925IN)</b>
<b>Weight</b>	<b>29KG(64LB)</b>
<b>Discharge Line Size</b>	<b>3/8_IN_FLARE</b>
<b>Suction Line Size</b>	<b>5/8 in (15.9mm)</b>
<b>Grommet</b>	<b>Y</b>
<b>Overload</b>	<b>Y</b>
<b>Terminal Cover</b>	<b>Y</b>