



**AWR5532EGH**

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

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

**Status :**  
**Active**

**Voltage :**  
**230V 1PH 50Hz**

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

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

**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): 54.3

Compressor Cooling: Fan

Oil Charge: 1140 cc

Oil Type: Mineral

Viscosity: 37

## Agency Approval

Agency: CURUS, ISI, UL

## Electrical

LRA: 79

Motor Type: PTCS\_CR

MCC: 19

Motor Resistance - Main: 0.95

Motor Resistance Start: 3.7

RLA 50HZ: 12.2

Voltage Frequency: 50Hz

Voltage Range 50Hz: 180to264



## 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	7878	26865	6775
ARI 540-97 45°F, 130°F 7°C, 54°C	Air Conditioning	7304	24907	6281
ASHRAE 45°F, 130°F 7°C, 54°C	Air Conditioning	7859	26799	6759
CECOMAF 41°F, 131°F 5°C, 55°C	Air Conditioning	6864	23407	5903
EN12900 41°F, 122°F 5°C, 50°C	Air Conditioning	7137	24340	6138

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



## ITEMS SPECIFICATIONS

	<b>AW162KH-041-A2</b>	<b>AW162KH-054-A2</b>	<b>AW5WS1CH-510-A4</b>	<b>MFBPXAWX283400</b>	<b>MFBPXAWX283500</b>
<b>Documentation</b>					
<b>Electrical</b>					
<b>Drawing_EN</b>					
<b>Specification</b>					
<b>Status</b>	Active	Active	Active	Active	Active
<b>Global Model</b>	AWR5532EGH	AWR5532EGH	AWR5532EGH	AWR5532EGH	AWR5532EGH
<b>Overload Type</b>	Internal	Internal	Internal	Internal	Internal
<b>Packaging</b>	MULTI	MULTI	MULTI	MULTI	MULTI
<b>Length</b>	281 MM(11.045IN)	238 MM(9.359IN)	249 MM(9.789IN)	249 MM(9.789IN)	281 MM(11.045IN)
<b>Height</b>	334 MM(13.143IN)	334 MM(13.143IN)	334 MM(13.143IN)	334 MM(13.143IN)	334 MM(13.143IN)
<b>Width</b>	278 MM(10.915IN)	210 MM(8.254IN)	229 MM(8.9925IN)	229 MM(8.9925IN)	278 MM(10.915IN)
<b>Weight</b>	28KG(62LB)	28KG(62LB)	28KG(62LB)		
<b>Discharge Line Size</b>	3/8_IN_FLARE	3/8_IN_FLARE	3/8_IN_FLARE	3/8 in (9.52mm)	3/8_IN_FLARE
<b>Suction Line Size</b>	5/8_IN_FLARE	5/8_IN_FLARE	5/8_IN_FLARE	5/8 in (15.9mm)	5/8_IN_FLARE
<b>Grommet</b>	Y	Y	Y	Y	Y
<b>Overload</b>	Y	Y	Y	Y	Y
<b>Terminal Cover</b>	Y	Y	Y	Y	Y
<b>Relay Type</b>					
<b>Run Capacitor</b>					
<b>Start Capacitor</b>					

	<b>MFBPXAWX305700</b>	<b>AW5WS2CH-510-A4</b>
<b>Documentation</b>		
<b>Electrical</b>		
<b>Drawing_EN</b>		
<b>Specification</b>		
<b>Status</b>	Active	Active
<b>Global Model</b>	AWR5532EGH	AWR5532EGH
<b>Overload Type</b>	Internal	Internal
<b>Packaging</b>	MULTI	MULTI
<b>Length</b>	238 MM(9.359IN)	249 MM(9.789IN)
<b>Height</b>	334 MM(13.143IN)	334 MM(13.143IN)
<b>Width</b>	210 MM(8.254IN)	229 MM(8.9925IN)
<b>Weight</b>		28KG(62LB)
<b>Discharge Line Size</b>	3/8_IN_FLARE	
<b>Suction Line Size</b>	5/8_IN_FLARE	
<b>Grommet</b>	Y	Y
<b>Overload</b>	Y	Y
<b>Terminal Cover</b>	Y	Y
<b>Relay Type</b>		Potential Relay
<b>Run Capacitor</b>		Y
<b>Start Capacitor</b>		Y

