



AWR5530EGH

Product Family :
AW

Application :
AC, HBP

Status :
Active

Voltage :
230V 1PH 50Hz

Refrigerant :
R-22

Product Technology :
Reciprocating

Series Reciprocating Compressor

Project Name:	
Customer Name:	
Item Number:	
Refrigerant:	
Job Location:	
Date:	



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): 50.6

Compressor Cooling: Fan

Oil Charge: 1140 cc

Oil Type: Mineral

Viscosity: 37

Agency Approval

Agency: CCC, CURUS, ISI, UL

Electrical

LRA: 79

Motor Type: PSC

MCC: 19

Motor Resistance - Main: 0.92

Motor Resistance Start: 3.7

RLA 50HZ: 11.7

Voltage Frequency: 50Hz

Voltage Range 50Hz: 187to264



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	7121	24285	6124
ARI 540-97 45°F, 130°F 7°C, 54°C	Air Conditioning	6602	22514	5678
ASHRAE 45°F, 130°F 7°C, 54°C	Air Conditioning	7390	25199	6355
CECOMAF 41°F, 131°F 5°C, 55°C	Air Conditioning	6182	21082	5317
EN12900 41°F, 122°F 5°C, 50°C	Air Conditioning	6439	21960	5538

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



ITEMS SPECIFICATIONS

	AW161NH-041-A4D	AW161NH-054-A4D	AW161NH-058-A4D	AW164JH-041-A4	AW164JH-054-A4
Documentation					
Electrical					
Drawing_EN					
Specification					
Status	Active	Active	Active	Active	Active
Global Model	AWR5530EGH	AWR5530EGH	AWR5530EGH	AWR5530EGH	AWR5530EGH
Overload Type	Internal	Internal		Internal	Internal
Packaging	MULTI	MULTI	MULTI	MULTI	MULTI
Length	281 MM(11.045IN)	249 MM(9.789IN)	249 MM(9.789IN)	281 MM(11.045IN)	249 MM(9.789IN)
Height	334 MM(13.143IN)	334 MM(13.143IN)	334 MM(13.143IN)	334 MM(13.143IN)	334 MM(13.143IN)
Width	278 MM(10.915IN)	229 MM(8.9925IN)	229 MM(8.9925IN)	278 MM(10.915IN)	229 MM(8.9925IN)
Weight	29KG(64LB)	29KG(64LB)	29KG(64LB)	28KG(62LB)	28KG(62LB)
Discharge Line Size	3/8_IN_FLARE	3/8_IN_FLARE	3/8 in (9.52mm)	3/8_IN_FLARE	3/8_IN_FLARE
Suction Line Size	5/8_IN_FLARE	5/8_IN_FLARE	5/8 in (15.9mm)	5/8_IN_FLARE	5/8_IN_FLARE
Grommet	Y	Y		Y	Y
Overload	Y	Y		Y	Y
Terminal Cover	Y	Y		Y	Y
Relay Type					
Run Capacitor					
Start Capacitor					

	AW164NH-041-A4	AW164NH-054-A4	AW164NH-058-A4	AW5WNICH-510-A4	MFBPXAWX375400	M
Documentation						
Electrical						
Drawing_EN						
Specification						
Status	Active	Active	Active	Active	Active	
Global Model	AWR5530EGH	AWR5530EGH	AWR5530EGH	AWR5530EGH	AWR5530EGH	
Overload Type	Internal	Internal	Internal	Internal	Internal	
Packaging	MULTI	MULTI	MULTI	MULTI	MULTI	
Length	281 MM(11.045IN)	249 MM(9.789IN)	249 MM(9.789IN)	249 MM(9.789IN)	281 MM(11.045IN)	
Height	334 MM(13.143IN)	334 MM(13.143IN)	334 MM(13.143IN)	334 MM(13.143IN)	334 MM(13.143IN)	
Width	278 MM(10.915IN)	229 MM(8.9925IN)	229 MM(8.9925IN)	229 MM(8.9925IN)	278 MM(10.915IN)	
Weight	29KG(64LB)	29KG(64LB)	29KG(64LB)	28KG(62LB)		
Discharge Line Size	3/8_IN_FLARE	3/8_IN_FLARE	3/8 in (9.52mm)	3/8_IN_FLARE	3/8_IN_FLARE	
Suction Line Size	5/8_IN_FLARE	5/8_IN_FLARE	5/8_IN_FLARE	5/8_IN_FLARE	5/8_IN_FLARE	
Grommet	Y	Y	Y	Y	Y	
Overload	Y	Y	Y	Y	Y	
Terminal Cover	Y	Y	Y	Y	Y	
Relay Type						
Run Capacitor						
Start Capacitor						

