



AWR5524EGE

Product Family :
AW

Application :
AC, HBP

Status :
Active

Voltage :
230V 1PH 50Hz

Refrigerant :
R-22

Product Technology :
Reciprocating

AW Series Reciprocating Compressor

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



PRODUCT SPECIFICATION

General

Horse Power: 1 3/4 HP

Motor Torque: Low Start Torque (LST)

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

Mechanical

Displacement (CC): 43.26

Compressor Cooling: Fan

Oil Charge: 1140 cc

Oil Type: Mineral

Viscosity: 37

Agency Approval

Agency: ISI, UL

Electrical

LRA: 51

Motor Type: PSC

MCC: 13.8

Motor Resistance - Main: 1.16

Motor Resistance Start: 3.46

RLA 50HZ: 10

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	5850	19951	5031
ARI 540-97 45°F, 130°F 7°C, 54°C	Air Conditioning	5424	18497	4665
ASHRAE 45°F, 130°F 7°C, 54°C	Air Conditioning	6071	20703	5221
CECOMAF 41°F, 131°F 5°C, 55°C	Air Conditioning	5053	17232	4346
EN12900 41°F, 122°F 5°C, 50°C	Air Conditioning	5296	18060	4554

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



ITEMS SPECIFICATIONS

	14954181	14954198	AW152LH-134-A4D	MFBPXAWX295400	MFCPXAWX290200
Documentation					
Electrical					
Drawing_EN					
Specification					
Status	Active	Active	Active	Active	Active
Global Model	AWR5524EGE	AWR5524EGE	AWR5524EGE	AWR5524EGE	AWR5524EGE
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)	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	27KG(60LB)	27KG(60LB)	27KG(60LB)		
Discharge Line Size	3/8 in (9.52mm)	3/8 in (9.52mm)	3/8_IN_FLARE	3/8_IN_FLARE	3/8 in (9.52mm)
Suction Line Size	1/2 in (12.7mm)	1/2 in (12.7mm)	1/2 in (12.7mm)	1/2 in (12.7mm)	1/2 in (12.7mm)
Grommet	Y	Y	Y	Y	Y
Overload	Y	Y	Y	Y	Y
Terminal Cover	Y	Y	Y	Y	Y