



AWR5538EXC

Product Family :
AW

Application :
AC, HBP

Status :
Active

Voltage :
220-240V 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 1/2 HP

Motor Torque: High Start Torque (HST)

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

Mechanical

Displacement (CC): 63

Compressor Cooling: Fan

Oil Charge: 1140 cc

Oil Type: Mineral

Viscosity: 37

Agency Approval

Agency: CCC, ISI, UL

Electrical

LRA: 92

Motor Type: CSR

MCC: 25

Motor Resistance - Main: 0.79

Motor Resistance Start: 2.71

RLA 50HZ: 14.2

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	8902	30356	7656
ARI 540-97 45°F, 130°F 7°C, 54°C	Air Conditioning	8253	28143	7098
ASHRAE 45°F, 130°F 7°C, 54°C	Air Conditioning	9237	31500	7944
CECOMAF 41°F, 131°F 5°C, 55°C	Air Conditioning	7728	26352	6646
EN12900 41°F, 122°F 5°C, 50°C	Air Conditioning	8049	27450	6923

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



ITEMS SPECIFICATIONS

	MFBPXAWX397100	MFBPXAWX397100S	AW172FH-058-A4	AW172HH-058-A4
Documentation				
Drawing_EN	PDF	PDF	PDF	PDF
Electrical	PDF	PDF	PDF	PDF
Specification				
Status	Active	Active	Active	Active
Global Model	AWR5538EXC	AWR5538EXC	AWR5538EXC	AWR5538EXC
Overload Type	Internal	Internal	External	External
Packaging	MULTI	MULTI	MULTI	MULTI
Length	249 MM(9.7891IN)	249 MM(9.7891IN)		
Height	334 MM(13.1431IN)	334 MM(13.1431IN)		
Width	229 MM(8.9925IN)	229 MM(8.9925IN)		
Weight	30KG(66LB)	30KG(66LB)		
Discharge Line Size	3/8_IN_FLARE	3/8_IN_FLARE	3/8 in (9.52mm)	
Suction Line Size	5/8 in (15.9mm)	5/8_IN_FLARE	5/8 in (15.9mm)	
Grommet	Y	Y	Y	Y
Overload	Y	Y	Y	Y
Terminal Cover	Y	Y	Y	Y
Relay Type				Potential Relay
Run Capacitor				Y
Start Capacitor				Y