



AJE4519ZFZ

Product Family :
AJ

Application :
HBP

Voltage :
220-240V 1PH 50Hz

Refrigerant :
R-404A

Product Technology :
Reciprocating

AJ Series Reciprocating Compressor

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



PRODUCT SPECIFICATION

General

Horse Power: 1 1/2 HP

Motor Torque: High Start Torque (HST)

Evaporating Range: -15°C to 15°C (5°F to 59°F)

Mechanical

Displacement (CC): 34.45

Compressor Cooling: Fan

Oil Charge: 782 cc

Oil Type: Polyolester

Viscosity: 32

Agency Approval

Agency: CE, GOST, GOST_UKR, IRAM, VDE

Electrical

LRA: 45

Motor Type: CSR

MCC: 15.2

Motor Resistance - Main: 1.3

Motor Resistance Start: 5.9

RLA 50HZ: 9.9

Voltage Frequency: 50Hz

Voltage Range 50Hz: 198to253



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: R404A FREQUENCY: 50HZ

Operating conditions	Application	Capacity (W)	Capacity (Btu/h)	Capacity (Kcal/h)
ARI 520-90 20°F, 120°F -6°C, 48°C	HBP	2570	8763	2210
ARI 540-97 20°F, 120°F -6°C, 48°C	HBP	2570	8763	2210
ASHRAE 45°F, 130°F 7°C, 54°C	HBP	5289	18036	4548
CECOMAF 41°F, 131°F 5°C, 55°C	HBP	4149	14150	3568
EN12900 41°F, 122°F 5°C, 50°C	HBP	4359	14866	3749

Looking for the complete set of Performance Data for this product? Please see our Performance Calculator.



ITEMS SPECIFICATIONS

	2266930106 (6266930100)
Documentation	
Drawing_FR	
Specification	
Status	Active
Global Model	AJE4519ZFZ
Overload Type	External
Relay Type	Potential Relay
Packaging	SINGLE
Length	235 MM(9IN)
Height	282 MM(11IN)
Width	165 MM(6IN)
Weight	23KG(51LB)
Discharge Line Size	3/8 in (9.52mm)
Suction Line Size	5/8 in (15.9mm)
Grommet	Y
Overload	Y
Run Capacitor	Y
Start Capacitor	Y
Terminal Cover	Y

