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

FH4538Z-XC3A

Product Family :
FH2

Application :
HBP

Status :
Active

Voltage :
220-240V 1PH 50Hz

Refrigerant :
R-404A, R-448A, R-449A, R-452A

Product Technology :
Reciprocating

FH2 Series Reciprocating Compressor

PRODUCT SPECIFICATION

General

Horse Power: 3 HP

Motor Torque: High Start Torque (HST)

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

Agency Approval

Agency: CCC, CE, GOST, VDE

Mechanical

Displacement (CC): 63

Compressor Cooling: Fan

Oil Charge: 1140 cc

Oil Type: Polyolester

Viscosity: 32

Electrical

LRA: 85

Motor Type: CSR

Motor Resistance - Main: 0.79

Motor Resistance Start: 2.71

RLA 50HZ: 15

Voltage Frequency: 50Hz

Voltage Range 50Hz: 198to253

Documents

Acoustic50_FR

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	4676	15946	4021
ARI 540-97 20°F, 120°F -6°C, 48°C	HBP	4676	15946	4021
ASHRAE 45°F, 130°F 7°C, 54°C	HBP	9786	33372	8416
CECOMAF 41°F, 131°F 5°C, 55°C	HBP	7663	26133	6590
EN12900 41°F, 122°F 5°C, 50°C	HBP	8029	27381	6905

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

ITEMS SPECIFICATIONS

	FH4ZF1JF602A14 (FH4ZF1JH602P00)
Documentation	
Replacement Parts	
Drawing_FR	
Specification	
Status	Active
Global Model	FH4538Z-XC3A
Relay Type	Potential Relay
Packaging	SINGLE
Length	238 MM(9IN)
Height	354 MM(14IN)
Width	222 MM(9IN)
Weight	31KG(68LB)
Crankcase Heater	Y
Grommet	Y
Run Capacitor	Y
Start Capacitor	Y