



**FH4532Z-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**

<b>Project Name:</b>	
<b>Customer Name:</b>	
<b>Item Number:</b>	
<b>Refrigerant:</b>	
<b>Job Location:</b>	
<b>Date:</b>	

# PRODUCT SPECIFICATION

## General

Horse Power: 2 HP

Motor Torque: High Start Torque (HST)

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

## Mechanical

Displacement (CC): 50.6

Compressor Cooling: Fan

Oil Charge: 1140 cc

Oil Type: Polyolester

Viscosity: 32

## Agency Approval

Agency: CCC, CE, GOST, VDE

## Electrical

LRA: 85

Motor Type: CSR

MCC: 21.5

Motor Resistance - Main: 0.83

Motor Resistance Start: 2.52

RLA 50HZ: 11.5

Voltage Frequency: 50Hz

Voltage Range 50Hz: 198to264

## 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	3670	12515	3156
ARI 540-97 20°F, 120°F -6°C, 48°C	HBP	3670	12515	3156
ASHRAE 45°F, 130°F 7°C, 54°C	HBP	7896	26927	6791
CECOMAF 41°F, 131°F 5°C, 55°C	HBP	6155	20991	5294
EN12900 41°F, 122°F 5°C, 50°C	HBP	6469	22061	5563

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



## ITEMS SPECIFICATIONS

	<b>FH4ZD1JF602A14 (FH4ZD1JH602P00)</b>
<b>Documentation</b>	
<b>Replacement Parts</b>	
<b>Drawing_FR</b>	
<b>Specification</b>	
<b>Status</b>	Active
<b>Global Model</b>	FH4532Z-XC3A
<b>Packaging</b>	SINGLE
<b>Length</b>	238 MM(9IN)
<b>Height</b>	354 MM(14IN)
<b>Width</b>	222 MM(9IN)
<b>Weight</b>	31KG(68LB)
<b>Crankcase Heater</b>	Y
<b>Grommet</b>	Y
<b>Relay Type</b>	Potential Relay
<b>Run Capacitor</b>	Y
<b>Start Capacitor</b>	Y

