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

FH2511Z-XC3A

Product Family :
FH2

Application :
LBP

Status :
Active

Voltage :
220-240V 1PH 50Hz

Refrigerant :
R-404A, R-452A

Product Technology :
Reciprocating

FH2 Series Reciprocating Compressor

PRODUCT SPECIFICATION

General

Horse Power: 3 HP

Motor Torque: High Start Torque (HST)

Evaporating Range: -40°C to -12.2°C (-40°F to 10°F)

Agency Approval

Agency: CCC, CE, GOST, VDE

Mechanical

Displacement (CC): 68

Compressor Cooling: Fan

Oil Charge: 1140 cc

Oil Type: Polyolester

Viscosity: 32

Electrical

LRA: 71

Motor Type: CSR

MCC: 24

Motor Resistance - Main: 0.75

Motor Resistance Start: 2.02

RLA 50HZ: 8.03

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 -10°F, 120°F -23°C, 48°C	LBP	2881	9824	2477
ARI 540-97 -25°F, 105°F -31°C, 40°C	LBP	2142	7306	1842
ASHRAE -10°F, 130°F -23°C, 54°C	LBP	3800	12959	3268
CECOMAF -13°F, 131°F -25°C, 55°C	LBP	2504	8541	2154
EN12900 -31°F, 104°F -35°C, 40°C	LBP	1831	6246	1575

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

ITEMS SPECIFICATIONS

	FH2ZG1JF602A23 (FH2ZG1JH602P00)
Documentation	
Replacement Parts	
Drawing_FR	
Specification	
Status	Active
Global Model	FH2511Z-XC3A
Relay Type	Potential Relay
Packaging	SINGLE
Length	238 MM(9IN)
Height	354 MM(14IN)
Width	222 MM(9IN)
Weight	34KG(75LB)
Crankcase Heater	Y
Grommet	Y
Run Capacitor	Y
Start Capacitor	Y