



FH2480Z-XG1A

Product Family :
FH2

Application :
LBP

Status :
Active

Voltage :
380-420V 3PH 50Hz, 460V 3PH 60Hz

Refrigerant :
R-404A, R-452A

Product Technology :
Reciprocating

FH2 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: -40°C to -12.2°C (-40°F to 10°F)

Mechanical

Displacement (CC): 54.3

Compressor Cooling: Fan

Oil Charge: 1140 cc

Oil Type: Polyolester

Viscosity: 32

Agency Approval

Agency: CCC, CE, GOST, KTL, VDE

Electrical

LRA: 31

Motor Type: 3PH

MCC: 6.35

Motor Resistance - Main: 5.32

Motor Resistance Start: 5.56

RLA 50HZ: 2.35

RLA 60HZ: 2.3

Voltage Frequency: 50Hz~60Hz

Voltage Range 50Hz: 342to462

Voltage Range 60Hz: 396to506

Documents

Acoustic50_FR

Acoustic60_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	1871	6382	1609
ARI 540-97 -25°F, 105°F -31°C, 40°C	LBP	1391	4746	1197
ASHRAE -10°F, 130°F -23°C, 54°C	LBP	2468	8418	2123
CECOMAF -13°F, 131°F -25°C, 55°C	LBP	1627	5548	1399
EN12900 -31°F, 104°F -35°C, 40°C	LBP	1189	4057	1023

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



ITEMS SPECIFICATIONS

	FH2ZE1UF604A15 (FH2ZE1UH604P00)
Documentation	
Replacement Parts	
Drawing_FR	
Specification	
Status	Active
Global Model	FH2480Z-XG1A
Packaging	SINGLE
Length	238 MM(9IN)
Height	354 MM(14IN)
Width	222 MM(9IN)
Weight	29KG(64LB)
Crankcase Heater	Y
Grommet	Y

