

Model: FH2511Z-XG1A

(FH2511Z-XG)

Product Description

Compressor Type: Reciprocating

Application: LBP - Low Back Pressure

Refrigerant: R-452A/R-404A

Voltage/Frequency: 380-420V 3~ 50Hz / 460V 3~ 60Hz

Version: FH2 Series

Specifications

General

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

Motor Torque: High Start Torque (HST)

Compressor Cooling: Fan

Mechanical

Weight: 66 LB

Displacement (cc): 68

Oil Type: Polyolester

Viscosity (cSt): 32

Oil Charge (cc): 1140

Electrical

Locked Rotor Amps (LRA): 60

Rated Load Amps (RLA 60Hz): 3.03

Voltage Range (50Hz): 342-462

Voltage Range (60Hz): 396-506

Rated Load Amps (RLA 50Hz): 3.4

Max. Continuous Current (MCC in Amps): 8.3

Motor Resistance (Ohm) - Main: 3.8

Motor Resistance (Ohm) - Start: 4.6

Motor Type: 3PH

Agency Approval

VDE_LISTED, UL_RECOGNIZED, CE_LISTED, CCC_LISTED, GOST_LISTED

Performance

[See all performance data](#)

EN12900 (R-404A)

Test Voltage	380V 3~ 50HZ
(R) Refrigeration Capacity (BTU/h)	5696
(R) Refrigeration Capacity (Kcal/h)	1435
(R) Refrigeration Capacity (W)	1669
Input Power (W)W	1475
(E) Efficiency (BTU/Wh)	3.86
(E) Efficiency (Kcal/Wh)	.97
(E) Efficiency (W/W)	1.13
EVAP TEMP	-35°C (-31°F)
COND TEMP	40°C (104°F)
AMBIENT TEMP	32°C (90°F)
RETURN GAS	20°C (68°F)
LIQUID TEMP	40°C (104°F)

EN12900 (R-404A)

Test Voltage	460V 3~ 60HZ
(R) Refrigeration Capacity (BTU/h)	6296
(R) Refrigeration Capacity (Kcal/h)	1587
(R) Refrigeration Capacity (W)	1845
Input Power (W)W	1605
(E) Efficiency (BTU/Wh)	3.92
(E) Efficiency (Kcal/Wh)	.99
(E) Efficiency (W/W)	1.15
EVAP TEMP	-35°C (-31°F)
COND TEMP	40°C (104°F)
AMBIENT TEMP	32°C (90°F)
RETURN GAS	20°C (68°F)
LIQUID TEMP	50°C (122°F)

EN12900 (R-452A)

Test Voltage	380V 3~ 50HZ
(R) Refrigeration Capacity (BTU/h)	5097
(R) Refrigeration Capacity (Kcal/h)	1284
(R) Refrigeration Capacity (W)	1494
Input Power (W)W	1339
(E) Efficiency (BTU/Wh)	3.81
(E) Efficiency (Kcal/Wh)	.96
(E) Efficiency (W/W)	1.12
EVAP TEMP	-35°C (-31°F)
COND TEMP	40°C (104°F)
AMBIENT TEMP	32°C (90°F)
RETURN GAS	20°C (68°F)
LIQUID TEMP	40°C (104°F)

EN12900 (R-452A)

Test Voltage	460V 3~ 60HZ
(R) Refrigeration Capacity (BTU/h)	5634
(R) Refrigeration Capacity (Kcal/h)	1420
(R) Refrigeration Capacity (W)	1651
Input Power (W)W	1457
(E) Efficiency (BTU/Wh)	3.87
(E) Efficiency (Kcal/Wh)	.97
(E) Efficiency (W/W)	1.13
EVAP TEMP	-35°C (-31°F)
COND TEMP	40°C (104°F)
AMBIENT TEMP	32°C (90°F)
RETURN GAS	20°C (68°F)
LIQUID TEMP	40°C (104°F)

Item

- BFH2ZG1UF701A24
- BFH2ZG1UF701A24-M
- BFH2ZG1UF701A26
- FH2ZG1UF600A15
- FH2ZG1UF600A15-M
- FH2ZG1UF701A24
- FH2ZG1UF701A24-M
- FH2ZG1UF701A26
- FH2ZG1UF701A26-M
- BFH2ZG1UF600A15 (Inactive)
- BFH2ZG1UF600A15-M (Inactive)
- BFH2ZG1UF701A26 -M (Inactive)