

Model: ALX430U-FZ3A

Product Description

Compressor Type: Reciprocating

Application: MBP/LBP - Medium/Low Back Pressure

Refrigerant: R-290

Voltage/Frequency: 220-240V ~ 50Hz

Version: AL Series

Specifications

General

- Evaporating Temp. Range :-35°C to +5°C (-31°F to +41°F)
- Motor Torque: High Start Torque (HST)
- Compressor Cooling: Fan

Mechanical

- Weight: 13 KG
- Displacement (cc): 15.1
- Oil Type: Polyolester
- Viscosity (cSt): 32
- Oil Charge (cc): 326

Electrical

- Locked Rotor Amps (LRA): 16.5
- Rated Load Amps (RLA 60Hz): 0
- Voltage Range (50Hz): 198-253
- Rated Load Amps (RLA 50Hz): 2.53
- Max. Continuous Current (MCC in Amps): 0
- Motor Resistance (Ohm) - Main: 3.97
- Motor Resistance (Ohm) - Start: 3.47
- Motor Type: CSR

Agency Approval

- VDE_LISTED, CE_LISTED, GOST_LISTED

Performance

[See all performance data](#)

ASHRAE

Test Voltage	220V ~ 50HZ
(R) Refrigeration Capacity (BTU/h)	2300
(R) Refrigeration Capacity (Kcal/h)	580
(R) Refrigeration Capacity (W)	674
Input Power (W)W	391
(E) Efficiency (BTU/Wh)	5.88
(E) Efficiency (Kcal/Wh)	1.48
(E) Efficiency (W/W)	1.72
EVAP TEMP	-23°C (-10°F)
COND TEMP	54°C (130°F)
AMBIENT TEMP	32°C (90°F)
RETURN GAS	32°C (90°F)
LIQUID TEMP	32°C (90°F)

ASHRAE (R-290)

Test Voltage	220V ~ 50HZ
(R) Refrigeration Capacity (BTU/h)	4650
(R) Refrigeration Capacity (Kcal/h)	1172
(R) Refrigeration Capacity (W)	1363
Input Power (W)W	544
(E) Efficiency (BTU/Wh)	8.55
(E) Efficiency (Kcal/Wh)	2.15
(E) Efficiency (W/W)	2.51
EVAP TEMP	-6.7°C (20°F)
COND TEMP	54°C (130°F)
AMBIENT TEMP	35°C (95°F)
RETURN GAS	35°C (95°F)
LIQUID TEMP	46°C (115°F)

EN12900

Test Voltage	220V ~ 50HZ
(R) Refrigeration Capacity (BTU/h)	1290
(R) Refrigeration Capacity (Kcal/h)	325
(R) Refrigeration Capacity (W)	378
Input Power (W)W	276
(E) Efficiency (BTU/Wh)	4.67
(E) Efficiency (Kcal/Wh)	1.18
(E) Efficiency (W/W)	1.37
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-290)

Test Voltage	220V ~ 50HZ
(R) Refrigeration Capacity (BTU/h)	3730
(R) Refrigeration Capacity (Kcal/h)	940
(R) Refrigeration Capacity (W)	1093
Input Power (W)W	476
(E) Efficiency (BTU/Wh)	7.84
(E) Efficiency (Kcal/Wh)	1.97
(E) Efficiency (W/W)	2.3
EVAP TEMP	-10°C (14°F)
COND TEMP	45°C (113°F)
AMBIENT TEMP	32°C (90°F)
RETURN GAS	20°C (68°F)
LIQUID TEMP	45°C (113°F)

Item

- AL1000BR
- AL-1000-E
- AL1007BR
- AL-1007-E