

This is an Inactive product and is no longer being manufactured. It may have inventory able to be purchased.



Model: AK2430Z-FZ3B (Inactive)

Product Description

Compressor Type: Reciprocating

Application: LBP - Low Back Pressure

Refrigerant: R-452A/R-404A

Voltage/Frequency: 220-240V ~ 50Hz

Version: AK Series

Specifications

General

Evaporating Temp. Range : -40°C to -10°C (-40°F to 14°F)

Motor Torque: High Start Torque (HST)

Compressor Cooling: Fan

Mechanical

Weight: 35 LB

Displacement (cc): 17.45

Oil Type: Polyolester

Viscosity (cSt): 32

Oil Charge (cc): 512

Electrical

Locked Rotor Amps (LRA): 16.9

Rated Load Amps (RLA 60Hz): 0

Voltage Range (50Hz): 198-264

Rated Load Amps (RLA 50Hz): 2.5

Max. Continuous Current (MCC in Amps): 4.7

Motor Resistance (Ohm) - Main: 5.36

Motor Resistance (Ohm) - Start: 5.58

Motor Type: CSR

Agency Approval

CE_LISTED

Performance

[See all performance data](#)

ASHRAE (R-404A)

Test Voltage	220V ~ 50HZ
(R) Refrigeration Capacity (BTU/h)	2500
(R) Refrigeration Capacity (Kcal/h)	630
(R) Refrigeration Capacity (W)	732
Input Power (W)W	540
(E) Efficiency (BTU/Wh)	4.6
(E) Efficiency (Kcal/Wh)	1.17
(E) Efficiency (W/W)	1.36
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)

ARI (R-404A)

Test Voltage	220V ~ 50HZ
(R) Refrigeration Capacity (BTU/h)	1828
(R) Refrigeration Capacity (Kcal/h)	461
(R) Refrigeration Capacity (W)	536
Input Power (W)W	516
(E) Efficiency (BTU/Wh)	3.54
(E) Efficiency (Kcal/Wh)	.89
(E) Efficiency (W/W)	1.04
EVAP TEMP	-23°C (-10°F)
COND TEMP	49°C (120°F)
AMBIENT TEMP	35°C (95°F)
RETURN GAS	4.4°C (40°F)
LIQUID TEMP	49°C (120°F)

EN12900 (R-404A)

Test Voltage	220V ~ 50HZ
(R) Refrigeration Capacity (BTU/h)	1157
(R) Refrigeration Capacity (Kcal/h)	292
(R) Refrigeration Capacity (W)	339
Input Power (W)W	335
(E) Efficiency (BTU/Wh)	3.45
(E) Efficiency (Kcal/Wh)	.87
(E) Efficiency (W/W)	1.01
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)

ASHRAE (R-452A)

Test Voltage	220V ~ 50HZ
(R) Refrigeration Capacity (BTU/h)	2191
(R) Refrigeration Capacity (Kcal/h)	552
(R) Refrigeration Capacity (W)	642
Input Power (W)W	482
(E) Efficiency (BTU/Wh)	4.54
(E) Efficiency (Kcal/Wh)	1.14
(E) Efficiency (W/W)	1.33
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)

ARI (R-452A)

Test Voltage	220V ~ 50HZ
(R) Refrigeration Capacity (BTU/h)	1728
(R) Refrigeration Capacity (Kcal/h)	435
(R) Refrigeration Capacity (W)	506
Input Power (W)W	482
(E) Efficiency (BTU/Wh)	3.58
(E) Efficiency (Kcal/Wh)	.9

EN12900 (R-452A)

Test Voltage	220V ~ 50HZ
(R) Refrigeration Capacity (BTU/h)	1091
(R) Refrigeration Capacity (Kcal/h)	275
(R) Refrigeration Capacity (W)	319
Input Power (W)W	334
(E) Efficiency (BTU/Wh)	3.26
(E) Efficiency (Kcal/Wh)	.82

ARI (R-452A)

(E) Efficiency (W/W)	1.04
EVAP TEMP	-23°C (-10°F)
COND TEMP	49°C (120°F)
AMBIENT TEMP	35°C (95°F)
RETURN GAS	4.4°C (40°F)
LIQUID TEMP	49°C (120°F)

EN12900 (R-452A)

(E) Efficiency (W/W)	.95
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	40.6°C (105°F)

ARI (R-407A)

Test Voltage	230V ~ 50HZ
(R) Refrigeration Capacity (BTU/h)	1682
(R) Refrigeration Capacity (Kcal/h)	424
(R) Refrigeration Capacity (W)	493
Input Power (W)	466
(E) Efficiency (BTU/Wh)	3.61
(E) Efficiency (Kcal/Wh)	.91
(E) Efficiency (W/W)	1.06
EVAP TEMP	-6.7°C (20°F)
COND TEMP	49°C (120°F)
AMBIENT TEMP	35°C (95°F)
RETURN GAS	4.4°C (40°F)
LIQUID TEMP	49°C (120°F)

Item

[AK2ZB1JT101A40](#) (Inactive)

[AK2ZB1JT103A40](#) (Inactive)

[AK2ZB1JT107A40](#) (Inactive)

[AK2ZB1JT107A60](#) (Inactive)