



Model: AJ4461Y-TZ1C (Discontinued)

(TAJ4461Y)

Product Description

Compressor Type: Reciprocating

Application: HBP - High Back Pressure

Refrigerant: R-134a

Voltage/Frequency: 400V 3~ 50Hz / 440V 3~ 60Hz

Version: AJ2 Series

Specifications

General

Evaporating Temp. Range :-15°C to 15°C (5°F to 59°F)

Motor Torque: High Start Torque (HST)

Compressor Cooling: Fan

Mechanical

Weight: 17 KG

Displacement (cc): 18.3

Oil Type: Polyolester

Viscosity (cSt): 32

Oil Charge (cc): 475

Electrical

Locked Rotor Amps (LRA): 9.8

Rated Load Amps (RLA 60Hz): 1.2

Voltage Range (50Hz): 340-440

Voltage Range (60Hz): 396-499

Rated Load Amps (RLA 50Hz): 1.3

Max. Continuous Current (MCC in Amps): 2.5

Motor Resistance (Ohm) - Main: 21

Motor Resistance (Ohm) - Start: 21

Motor Type: 3PH

Agency Approval

VDE_LISTED, CE_LISTED, GOST_LISTED, GOST_UKR_LISTED

Performance

[See all performance data](#)

EN12900

Test Voltage	400V 3~ 50HZ
(R) Refrigeration Capacity (BTU/h)	5054
(R) Refrigeration Capacity (Kcal/h)	1273
(R) Refrigeration Capacity (W)	1480
Input Power (W)W	593
(E) Efficiency (BTU/Wh)	8.52
(E) Efficiency (Kcal/Wh)	2.14
(E) Efficiency (W/W)	2.49
EVAP TEMP	5°C (41°F)
COND TEMP	50°C (122°F)
AMBIENT TEMP	32°C (90°F)
RETURN GAS	20°C (68°F)
LIQUID TEMP	50°C (122°F)

EN12900

Test Voltage	440V 3~ 60HZ
(R) Refrigeration Capacity (BTU/h)	5935
(R) Refrigeration Capacity (Kcal/h)	1495
(R) Refrigeration Capacity (W)	1738
Input Power (W)W	732
(E) Efficiency (BTU/Wh)	8.1
(E) Efficiency (Kcal/Wh)	2.04
(E) Efficiency (W/W)	2.37
EVAP TEMP	5°C (41°F)
COND TEMP	50°C (122°F)
AMBIENT TEMP	32°C (90°F)
RETURN GAS	20°C (68°F)
LIQUID TEMP	50°C (122°F)

Item

- AJ4YB1TF600A14 (Discontinued)
- AJ4YB1TF600A14-M (Discontinued)
- AJ4YB1TF600A21 (Discontinued)
- AJ4YB1TF700A10 (Discontinued)
- AJ4YB1TF700A11 (Discontinued)
- AJ4YB1TF600A10 (Inactive)
- AJ4YB1TF600A10-M (Inactive)