



Model: AGB4553ZTZ

(TAG4553Z, TAGP4553Z)

Product Description

Compressor Type: Reciprocating

Application: HBP - High Back Pressure

Refrigerant: R-404A/R-448A/R-449A/R-452A/R-22/R-407C

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

Version: AG Series

Specifications

General

Evaporating Temp. Range : -6.7°C to 12.8°C (20°F to 55°F)

Motor Torque: High Start Torque (HST)

Compressor Cooling: Fan

Mechanical

Weight: 46 KG

Displacement (cc): 100.7

Oil Type: Polyolester

Viscosity (cSt): 32

Oil Charge (cc): 1960

Electrical

Locked Rotor Amps (LRA): 45

Rated Load Amps (RLA 60Hz): 8.4

Voltage Range (50Hz): 340-440

Voltage Range (60Hz): 396-499

Rated Load Amps (RLA 50Hz): 7.9

Max. Continuous Current (MCC in Amps): 0

Motor Resistance (Ohm) - Main: 4.03

Motor Resistance (Ohm) - Start: 4.14

Motor Type: 3PH

Agency Approval

UL_RECOGNIZED, CE_LISTED, IRAM_LISTED, GOST_LISTED, SASO_LISTED, GOST_UKR_LISTED, cURus_RECOGNIZED

Performance

[See all performance data](#)

EN12900

Test Voltage	440V 3~ 60HZ
(R) Refrigeration Capacity (BTU/h)	50195
(R) Refrigeration Capacity (Kcal/h)	12649
(R) Refrigeration Capacity (W)	14707
Input Power (W)W	5865
(E) Efficiency (BTU/Wh)	8.56
(E) Efficiency (Kcal/Wh)	2.16
(E) Efficiency (W/W)	2.51
EVAP TEMP	5°C (41°F)
COND TEMP	45°C (113°F)
AMBIENT TEMP	32°C (90°F)
RETURN GAS	15°C (59°F)
LIQUID TEMP	45°C (113°F)

EN12900

Test Voltage	400V 3~ 50HZ
(R) Refrigeration Capacity (BTU/h)	41761
(R) Refrigeration Capacity (Kcal/h)	10524
(R) Refrigeration Capacity (W)	12236
Input Power (W)W	4576
(E) Efficiency (BTU/Wh)	9.13
(E) Efficiency (Kcal/Wh)	2.3
(E) Efficiency (W/W)	2.67
EVAP TEMP	5°C (41°F)
COND TEMP	45°C (113°F)
AMBIENT TEMP	32°C (90°F)
RETURN GAS	15°C (59°F)
LIQUID TEMP	45°C (113°F)

Item

- 2835830102
- 2835830102-M
- 2835830105
- 2835830105-M
- 2835830111
- 2835830124
- 2835830125-M
- 2845830102
- 2845830105
- 2855830105
- 2855830105-M
- 2855830111
- 2835830111-M (Inactive)
- 2835830125 (Inactive)
- 2855830111-M (Inactive)