



**Model: AGB4553TTZ**

(TAG4553T,TAGP4553T)

## **Product Description**

**Compressor Type:** Reciprocating

**Application:** HBP - High Back Pressure

**Refrigerant:** R-22

**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: Mineral
- Viscosity (cSt): 68
- Oil Charge (cc): 1960

## Electrical

- Locked Rotor Amps (LRA): 44.3
- Rated Load Amps (RLA 60Hz): 7.6
- Voltage Range (50Hz): 340-440
- Voltage Range (60Hz): 396-499
- Rated Load Amps (RLA 50Hz): 6.7
- Max. Continuous Current (MCC in Amps): 0
- Motor Resistance (Ohm) - Main: 4.03
- Motor Resistance (Ohm) - Start: 4.14
- Motor Type: 3PH

## Agency Approval

- CE\_LISTED, GOST\_LISTED, GOST\_UKR\_LISTED

# Performance

[See all performance data](#)

## EN12900

|                                     |              |
|-------------------------------------|--------------|
| Test Voltage                        | 440V 3~ 60HZ |
| (R) Refrigeration Capacity (BTU/h)  | 24908        |
| (R) Refrigeration Capacity (Kcal/h) | 6277         |
| (R) Refrigeration Capacity (W)      | 7298         |
| Input Power (W)W                    | 3635         |
| (E) Efficiency (BTU/Wh)             | 6.85         |
| (E) Efficiency (Kcal/Wh)            | 1.73         |
| (E) Efficiency (W/W)                | 2.01         |
| EVAP TEMP                           | -10°C (14°F) |
| COND TEMP                           | 45°C (113°F) |
| AMBIENT TEMP                        | 32°C (90°F)  |
| RETURN GAS                          | 0°C (32°F)   |
| LIQUID TEMP                         | 45°C (113°F) |

## EN12900

|                                     |              |
|-------------------------------------|--------------|
| Test Voltage                        | 400V 3~ 50HZ |
| (R) Refrigeration Capacity (BTU/h)  | 20969        |
| (R) Refrigeration Capacity (Kcal/h) | 5284         |
| (R) Refrigeration Capacity (W)      | 6144         |
| Input Power (W)W                    | 2856         |
| (E) Efficiency (BTU/Wh)             | 7.34         |
| (E) Efficiency (Kcal/Wh)            | 1.85         |
| (E) Efficiency (W/W)                | 2.15         |
| EVAP TEMP                           | -10°C (14°F) |
| COND TEMP                           | 45°C (113°F) |
| AMBIENT TEMP                        | 32°C (90°F)  |
| RETURN GAS                          | 0°C (32°F)   |
| LIQUID TEMP                         | 45°C (113°F) |

Item

- 2831030102 (Discontinued)
- 2831030102-M (Inactive)
- 2831030105 (Inactive)
- 2831030125 (Inactive)
- 2831030125-M (Inactive)
- 2841030102 (Inactive)
- 2841030105 (Inactive)
- 2851030105 (Inactive)