



**Model: THB3419YFZ (Discontinued)**

### Product Description

**Compressor Type:** Reciprocating

**Application:** HBP - High Back Pressure

**Refrigerant:** R-134a

**Voltage/Frequency:** 220-240V ~ 50Hz

**Version:** TH Series

# Specifications

## General

- Evaporating Temp. Range :-15°C to 15°C (5°F to 59°F)
- Motor Torque: Low Start Torque (LST)
- Compressor Cooling: Static

## Mechanical

- Weight: 8 KG
- Displacement (cc): 5
- Oil Type: Polyolester
- Viscosity (cSt): 32
- Oil Charge (cc): 247.67

## Electrical

- Locked Rotor Amps (LRA): 8.5
- Rated Load Amps (RLA 60Hz): 0
- Voltage Range (50Hz): 198-253
- Rated Load Amps (RLA 50Hz): 1.4
- Max. Continuous Current (MCC in Amps): 0
- Motor Resistance (Ohm) - Main: 13.81
- Motor Resistance (Ohm) - Start: 23.09
- Motor Type: PTCS\_IR

## Agency Approval

- VDE\_LISTED, CE\_LISTED, CCC\_LISTED

# Performance

[See all performance data](#)

## ASHRAE

|                                     |              |
|-------------------------------------|--------------|
| Test Voltage                        | 230V ~ 50HZ  |
| (R) Refrigeration Capacity (BTU/h)  | 1540         |
| (R) Refrigeration Capacity (Kcal/h) | 388          |
| (R) Refrigeration Capacity (W)      | 451          |
| Input Power (W)W                    | 227          |
| (E) Efficiency (BTU/Wh)             | 6.78         |
| (E) Efficiency (Kcal/Wh)            | 1.71         |
| (E) Efficiency (W/W)                | 1.99         |
| EVAP TEMP                           | 7.2°C (45°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) |

## CECOMAF

|                                     |              |
|-------------------------------------|--------------|
| Test Voltage                        | 230V ~ 50HZ  |
| (R) Refrigeration Capacity (BTU/h)  | 1280         |
| (R) Refrigeration Capacity (Kcal/h) | 323          |
| (R) Refrigeration Capacity (W)      | 375          |
| Input Power (W)W                    | 221          |
| (E) Efficiency (BTU/Wh)             | 5.79         |
| (E) Efficiency (Kcal/Wh)            | 1.46         |
| (E) Efficiency (W/W)                | 1.7          |
| EVAP TEMP                           | 5°C (41°F)   |
| COND TEMP                           | 55°C (131°F) |
| AMBIENT TEMP                        | 32°C (90°F)  |
| RETURN GAS                          | 32°C (90°F)  |
| LIQUID TEMP                         | 55°C (131°F) |

## Item

14948678 (Discontinued)

TH752FZ304B059HV (Discontinued)

TH752FZ304B059TI (Discontinued)

TH752FZ304B059UG (Discontinued)

TH752FZ304B620EP (Discontinued)

2083431152 (Inactive)

2083431152-M (Inactive)

2083431158 (Inactive)

TH752FZ304N059TID (Inactive)