



Model: THB4415YFZ

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: High Start Torque (HST)
- Compressor Cooling: Static

Mechanical

- Weight: 8 KG
- Displacement (cc): 4
- Oil Type: Polyolester
- Viscosity (cSt): 32
- Oil Charge (cc): 247.67

Electrical

- Locked Rotor Amps (LRA): 7
- Rated Load Amps (RLA 60Hz): 0
- Voltage Range (50Hz): 198-253
- Rated Load Amps (RLA 50Hz): 1.15
- Max. Continuous Current (MCC in Amps): 0
- Motor Resistance (Ohm) - Main: 15.27
- Motor Resistance (Ohm) - Start: 29.5
- Motor Type: CSIR

Agency Approval

- VDE_LISTED, CE_LISTED

Performance

[See all performance data](#)

ASHRAE

Test Voltage	230V ~ 50HZ
(R) Refrigeration Capacity (BTU/h)	1270
(R) Refrigeration Capacity (Kcal/h)	320
(R) Refrigeration Capacity (W)	372
Input Power (W)W	179
(E) Efficiency (BTU/Wh)	7.09
(E) Efficiency (Kcal/Wh)	1.79
(E) Efficiency (W/W)	2.08
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)	1050
(R) Refrigeration Capacity (Kcal/h)	265
(R) Refrigeration Capacity (W)	308
Input Power (W)W	178
(E) Efficiency (BTU/Wh)	5.9
(E) Efficiency (Kcal/Wh)	1.49
(E) Efficiency (W/W)	1.73
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

- 2084033174
- TH741FZ303B617TZ
- TH741FZ303B621EP
- 14947930 (Discontinued)
- TH741FZ303B606HV (Discontinued)
- TH741FZ303B606TI (Discontinued)
- TH741FZ303B606UG (Discontinued)
- 2084033174-M (Inactive)
- 2084033198 (Inactive)
- TH741FZ303N606TID (Inactive)