



**Model: THB4415YXA**

### **Product Description**

**Compressor Type:** Reciprocating

**Application:** HBP - High Back Pressure

**Refrigerant:** R-134a

**Voltage/Frequency:** 100V ~ 50Hz / 115V ~ 60Hz

**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):** 16.5

**Rated Load Amps (RLA 60Hz):** 2.6

**Voltage Range (50Hz):** 90-110

**Voltage Range (60Hz):** 103-127

**Rated Load Amps (RLA 50Hz):** 0

**Max. Continuous Current (MCC in Amps):** 0

**Motor Resistance (Ohm) - Main:** 3.45

**Motor Resistance (Ohm) - Start:** 5.57

**Motor Type:** CSIR

## Agency Approval

**CE\_LISTED, cURus\_RECOGNIZED**

## Performance

[See all performance data](#)

### ASHRAE

Test Voltage	115V ~ 60HZ
(R) Refrigeration Capacity (BTU/h)	1520
(R) Refrigeration Capacity (Kcal/h)	383
(R) Refrigeration Capacity (W)	446
Input Power (W)	220
(E) Efficiency (BTU/Wh)	6.91
(E) Efficiency (Kcal/Wh)	1.74
(E) Efficiency (W/W)	2.03
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	115V ~ 60HZ
(R) Refrigeration Capacity (BTU/h)	1250
(R) Refrigeration Capacity (Kcal/h)	315
(R) Refrigeration Capacity (W)	366
Input Power (W)	212
(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

2084013174

TH741AZ303B617TZ

14950773 (Discontinued)

TH741AZ303B621EP (Discontinued)

TH741AZ303B621JV (Discontinued)

2084013174-M (Inactive)