



Model: TPA1413YXA (Inactive)

Product Description

Compressor Type: Reciprocating

Application: LBP - Low Back Pressure

Refrigerant: R-134a/R-513A

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

Version: TP Series

Specifications

General

Evaporating Temp. Range :-34.4°C to -12.2°C (-30°F to 10°F)

Motor Torque: Low Start Torque (LST)

Compressor Cooling: Fan

Mechanical

Weight: 30 LB

Displacement (cc): 10.86

Oil Type: Polyolester

Viscosity (cSt): 32

Oil Charge (cc): 185

Electrical

Locked Rotor Amps (LRA): 20.5

Rated Load Amps (RLA 60Hz): 2.19

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: 1.77

Motor Resistance (Ohm) - Start: 3.95

Motor Type: PTCS_CR

Agency Approval

cURus_RECOGNIZED

Performance

[See all performance data](#)

ASHRAE (R-513A)

Test Voltage	115V ~ 60HZ
(R) Refrigeration Capacity (BTU/h)	1320
(R) Refrigeration Capacity (Kcal/h)	333
(R) Refrigeration Capacity (W)	387
Input Power (W)W	248
(E) Efficiency (BTU/Wh)	5.33
(E) Efficiency (Kcal/Wh)	1.34
(E) Efficiency (W/W)	1.56
EVAP TEMP	-23°C (-10°F)
COND TEMP	54°C (130°F)
AMBIENT TEMP	32°C (90°F)
RETURN GAS	32°C (90°F)
LIQUID TEMP	32°C (90°F)

ASHRAE (R-134a)

Test Voltage	115V ~ 60HZ
(R) Refrigeration Capacity (BTU/h)	1230
(R) Refrigeration Capacity (Kcal/h)	310
(R) Refrigeration Capacity (W)	361
Input Power (W)W	226
(E) Efficiency (BTU/Wh)	5.44
(E) Efficiency (Kcal/Wh)	1.37
(E) Efficiency (W/W)	1.6
EVAP TEMP	-23°C (-10°F)
COND TEMP	54°C (130°F)
AMBIENT TEMP	32°C (90°F)
RETURN GAS	32°C (90°F)
LIQUID TEMP	32°C (90°F)

Item

TP103AR-003-J7 (Discontinued)

10593865 (Inactive)

10593867 (Inactive)

10593869 (Inactive)

TP103AR-003-A2 (Inactive)

TP103AR003A2EQ (Inactive)

TP103AR-003-A2HC (Inactive)

TP103AR-003-A4HC (Inactive)

TP103AR-003-A6 (Inactive)

TP103AR003A6EDT (Inactive)

TP103AR003A6HC (Inactive)

TP103AR-003-A6HC (Inactive)

TP103AR-003-A6V (Inactive)

TP103AR003A6VHC (Inactive)

TP103AR-003-A6VHC (Inactive)

TP103AR-003-A8 (Inactive)

TP103AR-003-D4KX (Inactive)

TP103AR-003-J7LO (Inactive)

TP103AR-003-M7 (Inactive)

TP103AR019A340HI (Inactive)

TP103AR-027-A4 (Inactive)

TP103AR027A4EQ (Inactive)

TP103AR-027-A4HC (Inactive)

TP103AR-028-B3 (Inactive)

TP103AR-028-B3HC (Inactive)

TP103AR-324-A2HC (Inactive)

TP103AR-324-A2KX (Inactive)