



Model: TPA2414UDS (Discontinued)

Product Description

Compressor Type: Reciprocating

Application: LBP - Low Back Pressure

Refrigerant: R-290

Voltage/Frequency: 115-127V ~ 60Hz

Version: TP Series

Specifications

General

- Evaporating Temp. Range : -40°C to -10°C (-40°F to 14°F)
- Motor Torque: High Start Torque (HST)
- Compressor Cooling: Fan

Mechanical

- Weight: 12 KG
- Displacement (cc): 7.28
- Oil Type: Polyolester
- Viscosity (cSt): 32
- Oil Charge (cc): 189.672

Electrical

- Locked Rotor Amps (LRA): 42
- Rated Load Amps (RLA 60Hz): 4.62
- Voltage Range (60Hz): 100-140
- Rated Load Amps (RLA 50Hz): 0
- Max. Continuous Current (MCC in Amps): 5.55
- Motor Resistance (Ohm) - Main: 1.25
- Motor Resistance (Ohm) - Start: 7.94
- Motor Type: CSIR

Agency Approval

- cURus_RECOGNIZED

Performance

[See all performance data](#)

ASHRAE (R-290)

Test Voltage	127V ~ 60HZ
(R) Refrigeration Capacity (BTU/h)	1540
(R) Refrigeration Capacity (Kcal/h)	388
(R) Refrigeration Capacity (W)	451
Input Power (W)	311
(E) Efficiency (BTU/Wh)	4.95
(E) Efficiency (Kcal/Wh)	1.25
(E) Efficiency (W/W)	1.45
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

- TP254DS229A695KX (Discontinued)
- TP254DS295A176KX (Discontinued)
- TP254DS-295-A2HE (Discontinued)
- TP254DS268A356GE (Inactive)