

Model: TCW417U-ES3H

Product Description

Compressor Type: Reciprocating

Application: MBP/LBP - Medium/Low Back Pressure

Refrigerant: R-290

Voltage/Frequency: 220V ~ 60Hz

Version: TC Series

Specifications

General

- Evaporating Temp. Range :-35°C to -5°C (-31°F to 23°F)
- Motor Torque: Low Start Torque (LST)
- Compressor Cooling: Fan

Mechanical

- Weight: 8 KG
- Displacement (cc): 8.87
- Oil Type: Polyolester
- Viscosity (cSt): 10
- Oil Charge (cc): 174

Electrical

- Locked Rotor Amps (LRA): 20
- Rated Load Amps (RLA 60Hz): 2.12
- Voltage Range (60Hz): 187-242
- Rated Load Amps (RLA 50Hz): 0
- Max. Continuous Current (MCC in Amps): 0
- Motor Resistance (Ohm) - Main: 5.79
- Motor Resistance (Ohm) - Start: 9.95
- Motor Type: PTCS_CR

Performance

[See all performance data](#)

ASHRAE

Test Voltage	220V ~ 60HZ
(R) Refrigeration Capacity (BTU/h)	1750
(R) Refrigeration Capacity (Kcal/h)	441
(R) Refrigeration Capacity (W)	513
Input Power (W)W	320
(E) Efficiency (BTU/Wh)	5.47
(E) Efficiency (Kcal/Wh)	1.38
(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)

ASHRAE (R-290)

Test Voltage	220V ~ 60HZ
(R) Refrigeration Capacity (BTU/h)	3350
(R) Refrigeration Capacity (Kcal/h)	844
(R) Refrigeration Capacity (W)	982
Input Power (W)W	430
(E) Efficiency (BTU/Wh)	7.79
(E) Efficiency (Kcal/Wh)	1.96
(E) Efficiency (W/W)	2.28
EVAP TEMP	-6.7°C (20°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

- TC1189BR
- TC-1189-E
- TC1233BR
- TC-1233-E
- TC1384BR
- TC-1384-E