

Model: TCW410Y-DS8E

Product Description

Compressor Type: Reciprocating

Application: MBP/LBP - Medium/Low Back Pressure

Refrigerant: R-134a

Voltage/Frequency: 115-127V ~ 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: 9 KG
- Displacement (cc): 9.74
- Oil Type: Polyolester
- Viscosity (cSt): 32
- Oil Charge (cc): 174

Electrical

- Locked Rotor Amps (LRA): 25
- Rated Load Amps (RLA 60Hz): 3.89
- Voltage Range (60Hz): 100-140
- Rated Load Amps (RLA 50Hz): 0
- Max. Continuous Current (MCC in Amps): 5.15
- Motor Resistance (Ohm) - Main: 2.33
- Motor Resistance (Ohm) - Start: 4.97
- Motor Type: CSIR

Agency Approval

- cURus_RECOGNIZED

Performance

[See all performance data](#)

ASHRAE (R-134a)

Test Voltage	115V ~ 60HZ
(R) Refrigeration Capacity (BTU/h)	1060
(R) Refrigeration Capacity (Kcal/h)	267
(R) Refrigeration Capacity (W)	311
Input Power (W)W	221
(E) Efficiency (BTU/Wh)	4.8
(E) Efficiency (Kcal/Wh)	1.21
(E) Efficiency (W/W)	1.41
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	127V ~ 60HZ
(R) Refrigeration Capacity (BTU/h)	2060
(R) Refrigeration Capacity (Kcal/h)	519
(R) Refrigeration Capacity (W)	604
Input Power (W)W	352
(E) Efficiency (BTU/Wh)	5.85
(E) Efficiency (Kcal/Wh)	1.47
(E) Efficiency (W/W)	1.72
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)

ARI (R-134a)

Test Voltage	127V ~ 60HZ
(R) Refrigeration Capacity (BTU/h)	1070
(R) Refrigeration Capacity (Kcal/h)	270
(R) Refrigeration Capacity (W)	314
Input Power (W)W	227
(E) Efficiency (BTU/Wh)	4.71
(E) Efficiency (Kcal/Wh)	1.19
(E) Efficiency (W/W)	1.38
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

- TC1050BR
- TC-1050-E
- TC1057BR
- TC-1057-E
- TC1121BR
- TC-1121-E
- TC1125BR
- TC-1125-E
- TC1155BR
- TC-1155-E
- TC1211BR (Inactive)
- TC-1211-E (Inactive)
- TC1237BR (Inactive)
- TC-1237-E (Inactive)