

Model: TCW410Y-FZ8E

Product Description

Compressor Type: Reciprocating

Application: MBP/LBP - Medium/Low Back Pressure

Refrigerant: R-134a

Voltage/Frequency: 220-240V ~ 50Hz

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): 10.5

Rated Load Amps (RLA 60Hz): 0

Voltage Range (50Hz): 195-253

Rated Load Amps (RLA 50Hz): 1.74

Max. Continuous Current (MCC in Amps): 0

Motor Resistance (Ohm) - Main: 11.24

Motor Resistance (Ohm) - Start: 19.57

Motor Type: CSIR

Performance

[See all performance data](#)

ASHRAE

Test Voltage	220V ~ 50HZ
(R) Refrigeration Capacity (BTU/h)	920
(R) Refrigeration Capacity (Kcal/h)	232
(R) Refrigeration Capacity (W)	270
Input Power (W)W	195
(E) Efficiency (BTU/Wh)	4.72
(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)

ASHRAE (R-134a)

Test Voltage	220V ~ 50HZ
(R) Refrigeration Capacity (BTU/h)	2130
(R) Refrigeration Capacity (Kcal/h)	537
(R) Refrigeration Capacity (W)	624
Input Power (W)W	310
(E) Efficiency (BTU/Wh)	6.87
(E) Efficiency (Kcal/Wh)	1.73
(E) Efficiency (W/W)	2.01
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

- TC1128BR
- TC-1128-E
- TC1130BR
- TC-1130-E
- TC1132BR
- TC-1132-E
- TC1178BR
- TC-1178-E
- TC1414BR
- TC-1414-E
- TC1161BR (Inactive)
- TC-1161-E (Inactive)