



Model: TYA4475YES

Product Description

Compressor Type: Reciprocating

Application: HBP - High Back Pressure

Refrigerant: R-134a

Voltage/Frequency: 220V ~ 60Hz

Version: TY Series

Specifications

General

Evaporating Temp. Range : -6.7°C to 12.8°C (20°F to 55°F)

Motor Torque: High Start Torque (HST)

Compressor Cooling: Fan

Mechanical

Weight: 19 KG

Displacement (cc): 22.3

Oil Type: Polyolester

Viscosity (cSt): 32

Oil Charge (cc): 525.3

Electrical

Locked Rotor Amps (LRA): 37

Rated Load Amps (RLA 60Hz): 7.39

Voltage Range (60Hz): 187-242

Rated Load Amps (RLA 50Hz): 0

Max. Continuous Current (MCC in Amps): 0

Motor Resistance (Ohm) - Main: 1.9

Motor Resistance (Ohm) - Start: 14.29

Motor Type: CSIR

Performance

[See all performance data](#)

ASHRAE

Test Voltage	220V ~ 60HZ
(R) Refrigeration Capacity (BTU/h)	8000
(R) Refrigeration Capacity (Kcal/h)	2016
(R) Refrigeration Capacity (W)	2345
Input Power (W)	1123
(E) Efficiency (BTU/Wh)	7.12
(E) Efficiency (Kcal/Wh)	1.8
(E) Efficiency (W/W)	2.09
EVAP TEMP	7.2°C (45°F)
COND TEMP	54°C (130°F)
AMBIENT TEMP	35°C (95°F)
RETURN GAS	35°C (95°F)
LIQUID TEMP	46°C (115°F)

Item

TY302ES111A095IH

TY302ES111AA40IJ

TY302ES111AB39SB

TY302ES111A022IH (Discontinued)

TY302ES111A095VM (Inactive)