



Model: TYA2438ZDS

Product Description

Compressor Type: Reciprocating

Application: LBP - Low Back Pressure

Refrigerant: R-404A

Voltage/Frequency: 115-127V ~ 60Hz

Version: TY 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: 18 KG

Displacement (cc): 22.33

Oil Type: Polyolester

Viscosity (cSt): 32

Oil Charge (cc): 525.3

Electrical

Locked Rotor Amps (LRA): 69

Rated Load Amps (RLA 60Hz): 9.85

Voltage Range (60Hz): 100-140

Rated Load Amps (RLA 50Hz): 0

Max. Continuous Current (MCC in Amps): 0

Motor Resistance (Ohm) - Main: 0.53

Motor Resistance (Ohm) - Start: 3.96

Motor Type: CSR

Agency Approval

CCC_LISTED

Performance

[See all performance data](#)

ASHRAE

Test Voltage	127V ~ 60HZ
(R) Refrigeration Capacity (BTU/h)	3700
(R) Refrigeration Capacity (Kcal/h)	932
(R) Refrigeration Capacity (W)	1084
Input Power (W)	915
(E) Efficiency (BTU/Wh)	4.04
(E) Efficiency (Kcal/Wh)	1.02
(E) Efficiency (W/W)	1.19
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

TY412DS111A022IH

TY412DS111A022IJ

TY412DS111A306IH (Discontinued)

TY412DS111A022VM (Inactive)