



Model: THG1358YDS

(THG1358YS)

Product Description

Compressor Type: Reciprocating

Application: LBP - Low Back Pressure

Refrigerant: R-134a

Voltage/Frequency: 115-127V ~ 60Hz

Version: TH Series

Specifications

General

Evaporating Temp. Range : -34.4°C to -12.2°C (-30°F to 10°F)

Motor Torque: Low Start Torque (LST)

Compressor Cooling: Static

Mechanical

Weight: 8 KG

Displacement (cc): 5.58

Oil Type: Polyolester

Viscosity (cSt): 32

Oil Charge (cc): 243

Electrical

Locked Rotor Amps (LRA): 20

Rated Load Amps (RLA 60Hz): 2.08

Voltage Range (60Hz): 100-140

Rated Load Amps (RLA 50Hz): 0

Max. Continuous Current (MCC in Amps): 0

Motor Resistance (Ohm) - Main: 4.12

Motor Resistance (Ohm) - Start: 9.17

Motor Type: PTCS_IR

Performance

[See all performance data](#)

ASHRAE

Test Voltage	127V ~ 60HZ
(R) Refrigeration Capacity (BTU/h)	590
(R) Refrigeration Capacity (Kcal/h)	149
(R) Refrigeration Capacity (W)	173
Input Power (W)W	157.5
(E) Efficiency (BTU/Wh)	3.75
(E) Efficiency (Kcal/Wh)	.94
(E) Efficiency (W/W)	1.1
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

10593486

TH232DS427B269HV

TH232DS427BB97SM

TH231DS250B353EP (Discontinued)

TH231DS250B353KB (Discontinued)

TH231DS412B061BE (Discontinued)

TH231DS412B222BE (Discontinued)

10593492 (Inactive)

10595139 (Inactive)

14948705 (Inactive)

14950153 (Inactive)

TH231DS245B074BE (Inactive)

TH231DS245B219BE (Inactive)

TH231DS245B220BE (Inactive)

TH231DS245N220BE (Inactive)

TH231DS250B117EK (Inactive)

TH231DS250B248HV (Inactive)

TH231DS250N117EK (Inactive)

TH231DS250N248HB (Inactive)