



THK1358YCF

Product Family :
TH

Application :
LBP

Status :
Active

Voltage :
160-260V 1PH 50Hz

Refrigerant :
R-134a

Product Technology :
Reciprocating

TH Series Reciprocating Compressor

Project Name:	
Customer Name:	
Item Number:	
Refrigerant:	
Job Location:	
Date:	



PRODUCT SPECIFICATION

General

Horse Power: 1/8 HP

Motor Torque: Low Start Torque (LST)

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

Mechanical

Displacement (CC): 5.6

Compressor Cooling: Static

Oil Charge: 230 cc

Oil Type: Polyolester

Viscosity: 22

Electrical

LRA: 9

Motor Type: PTCS_IR

MCC: 1.05

Motor Resistance - Main: 14.3

Motor Resistance Start: 22

RLA 50HZ: 1

Voltage Frequency: 50Hz

Voltage Range 50Hz: 144to286



PERFORMANCE

Performance Data shown here is calculated and is for reference purposes. For actual performance data at specific rated conditions please click on the Performance Calculator button below the table. The performance calculator is only available for Fixed Speed Compressors and Condensing Units. If you do not see performance data here, please contact Customer Service for assistance.



REFRIGERANT: R134A FREQUENCY: 50HZ

Operating conditions	Application	Capacity (W)	Capacity (Btu/h)	Capacity (Kcal/h)
ARI 520-90 -10°F, 120°F -23°C, 48°C	LBP	121	413	104
ARI 540-97 -25°F, 105°F -31°C, 40°C	LBP	83	285	71
ASHRAE -10°F, 130°F -23°C, 54°C	LBP	146	499	126
CECOMAF -13°F, 131°F -25°C, 55°C	LBP	105	359	90
EN12900 -31°F, 104°F -35°C, 40°C	LBP	73	250	63

Looking for the complete set of Performance Data for this product? Please see our [Performance Calculator](#).



ITEMS SPECIFICATIONS

	14958545	TH858JH-010-A4
Documentation		
Electrical		
Drawing_EN		
Specification		
Status	Active	Active
Global Model	THK1358YCF	THK1358YCF
Overload Type	External	External
Relay Type	PTC Relay	PTC Relay
Packaging	MULTI	MULTI
Length	163 MM(6.406IN)	163 MM(6.406IN)
Height	169 MM(6.661IN)	169 MM(6.661IN)
Width	150 MM(5.902IN)	150 MM(5.902IN)
Weight	9KG(20LB)	8KG(18LB)
Discharge Line Size	3/16 in (4.76mm)	3/16 in (4.76mm)
Suction Line Size	1/4 in (6.35mm)	1/4 in (6.35mm)
Grommet	Y	Y
Overload	Y	Y
Terminal Cover	Y	Y

