



THK1374YFS

Product Family :
TH

Application :
LBP

Status :
Active

Voltage :
220V 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: 1/6 HP

Motor Torque: High Start Torque (HST)

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

Mechanical

Displacement (CC): 6.9

Compressor Cooling: Static

Oil Charge: 230 cc

Oil Type: Polyolester

Viscosity: 22

Agency Approval

Agency: CE

Electrical

LRA: 11

Motor Type: CSR

MCC: 1.92

Motor Resistance - Main: 15.6

Motor Resistance Start: 19.6

RLA 50HZ: 1

Voltage Frequency: 50Hz

Voltage Range 50Hz: 180to242



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	145	495	124
ARI 540-97 -25°F, 105°F -31°C, 40°C	LBP	106	362	91
ASHRAE -10°F, 130°F -23°C, 54°C	LBP	175	599	151
CECOMAF -13°F, 131°F -25°C, 55°C	LBP	128	437	110
EN12900 -31°F, 104°F -35°C, 40°C	LBP	86	294	74

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



ITEMS SPECIFICATIONS

	14954946	TH874LF-010-AA6	TH874LH-010-A4	TH874LH-010-A6	TH874MH-010-A4
Documentation					
Drawing_EN					
Electrical					
Specification					
Status	Active	Active	Active	Active	Active
Global Model	THK1374YFS	THK1374YFS	THK1374YFS	THK1374YFS	THK1374YFS
Overload Type	External	External	External	External	External
Relay Type	Current Relay	Current Relay	PTC Relay	Current Relay	PTC Relay
Packaging	MULTI	MULTI	MULTI	MULTI	MULTI
Length	163 MM(6.406IN)	163 MM(6.406IN)	163 MM(6.406IN)	163 MM(6.406IN)	163 MM(6.406IN)
Height	174 MM(6.835IN)	174 MM(6.835IN)	174 MM(6.835IN)	174 MM(6.835IN)	174 MM(6.835IN)
Width	150 MM(5.902IN)	150 MM(5.902IN)	150 MM(5.902IN)	150 MM(5.902IN)	150 MM(5.902IN)
Weight	9KG(20LB)	9KG(20LB)	9KG(20LB)	9KG(20LB)	9KG(20LB)
Discharge Line Size	3/16 in (4.76mm)	3/16 in (4.76mm)	3/16 in (4.76mm)	3/16 in (4.76mm)	
Suction Line Size	1/4 in (6.35mm)	1/4 in (6.35mm)	1/4 in (6.35mm)	1/4 in (6.35mm)	
Grommet	Y	Y	Y	Y	Y
Overload	Y	Y	Y	Y	Y
Start Capacitor	Y	Y		Y	
Terminal Cover	Y	Y	Y	Y	Y
Run Capacitor		Y	Y	Y	Y