



THK1365YGS

Product Family :
TH

Application :
LBP

Status :
Active

Voltage :
220V 1PH 50Hz, 220V 1PH 60Hz

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: Low Start Torque (LST)

Evaporating Range:

-34.4°C to -12.2°C (-30°F to 10°F)

Mechanical

Displacement (CC): 5.9

Compressor Cooling: Static

Oil Charge: 230 cc

Oil Type: Polyolester

Viscosity: 22

Electrical

LRA: 9

Motor Type: PTCS_IR

MCC: 1.6

Motor Resistance - Main: 13

Motor Resistance Start: 42

RLA 50HZ: 1

RLA 60HZ: 0.95

Voltage Frequency: 50Hz~60Hz

Voltage Range 50Hz: 180to242

Voltage Range 60Hz: 187to242



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	131	447	112
ARI 540-97 -25°F, 105°F -31°C, 40°C	LBP	90	308	77
ASHRAE -10°F, 130°F -23°C, 54°C	LBP	158	540	136
CECOMAF -13°F, 131°F -25°C, 55°C	LBP	113	388	97
EN12900 -31°F, 104°F -35°C, 40°C	LBP	79	270	68



REFRIGERANT: R134A FREQUENCY: 60HZ

Operating conditions	Application	Capacity (W)	Capacity (Btu/h)	Capacity (Kcal/h)
ARI 520-90 -10°F, 120°F -23°C, 48°C	LBP	148	504	127
ARI 540-97 -25°F, 105°F -31°C, 40°C	LBP	102	348	87
ASHRAE -10°F, 130°F -23°C, 54°C	LBP	178	609	153
CECOMAF -13°F, 131°F -25°C, 55°C	LBP	128	438	110
EN12900 -31°F, 104°F -35°C, 40°C	LBP	89	305	77

Looking for the complete set of Performance Data for this product? Please see our Performance Calculator.



ITEMS SPECIFICATIONS

	MFSATH865CAA00	TH865JH-095-A4
Documentation		
Electrical		
Drawing_EN		
Specification		
Status	Active	Active
Global Model	THK1365YGS	THK1365YGS
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
Run Capacitor		Y