



THK1351YJF

Product Family :
TH

Application :
LBP

Status :
Active

Voltage :
230V 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: 1/9 HP

Motor Torque: Low Start Torque (LST)

Evaporating Range:

-34.4°C to -12.2°C (-30°F to 10°F)

Mechanical

Displacement (CC): 5.01

Compressor Cooling: Static

Oil Charge: 230 cc

Oil Type: Polyolester

Viscosity: 22

Electrical

LRA: 11.7

Motor Type: PTCS_CR

Motor Resistance - Main: 16.7

Motor Resistance Start: 13.7

RLA 50HZ: 0.9

Voltage Frequency: 50Hz

Voltage Range 50Hz: 160to260



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	136	466	117
ARI 540-97 -25°F, 105°F -31°C, 40°C	LBP	112	384	96
ASHRAE -10°F, 130°F -23°C, 54°C	LBP	159	543	137
CECOMAF -13°F, 131°F -25°C, 55°C	LBP	116	396	99
EN12900 -31°F, 104°F -35°C, 40°C	LBP	103	351	88

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



ITEMS SPECIFICATIONS

	TH851JH-095-A6	TH851JH-095-BA6	TH851JH-095-CA6	TH851KH-095-CA6
Documentation				
Drawing_EN				
Specification				
Status	Active	Active	Active	Active
Global Model	THK1351YJF	THK1351YJF	THK1351YJF	THK1351YJF
Overload Type	External	External	External	External
Relay Type	PTC Relay	PTC Relay	PTC Relay	PTC Relay
Packaging	MULTI	MULTI	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	8KG(18LB)	7KG(15LB)	7KG(15LB)	7KG(15LB)
Discharge Line Size	3/16_IN	3/16_IN		
Suction Line Size	1/4_IN	1/4_IN		
Grommet	Y	Y	Y	Y
Overload	Y	Y	Y	Y
Run Capacitor	Y	Y	Y	Y
Terminal Cover	Y	Y	Y	Y