



**THK9410YCG**

**Product Family :**

**TH**

**Application :**

**CBP**

**Status :**

**Active**

**Voltage :**

**230V 1PH 50Hz**

**Refrigerant :**

**R-134a**

**Product Technology :**

**Reciprocating**

**TH Series Reciprocating Compressor**

<b>Project Name:</b>	
<b>Customer Name:</b>	
<b>Item Number:</b>	
<b>Refrigerant:</b>	
<b>Job Location:</b>	
<b>Date:</b>	



# PRODUCT SPECIFICATION

## General

Horse Power: 1/9 HP

Motor Torque: High Start Torque (HST)

Evaporating Range: -17.8°C to 10°C (0°F to 50°F)

## Mechanical

Displacement (CC): 5.01

Compressor Cooling: Fan

Oil Charge: 270 cc

Oil Type: Polyolester

Viscosity: 32

## Agency Approval

Agency: CE

## Electrical

LRA: 12.5

Motor Type: CSIR

MCC: 2.24

Motor Resistance - Main: 11.3

Motor Resistance Start: 20.7

RLA 50HZ: 1.4

Voltage Frequency: 50Hz

Voltage Range 50Hz: 170to260



## 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 20°F, 120°F -6°C, 48°C	CBP (MBP)	229	783	197
ARI 540-97 20°F, 120°F -6°C, 48°C	CBP (MBP)	229	783	197
ASHRAE 20°F, 130°F -6°C, 54°C	CBP (MBP)	276	941	237
CECOMAF 41°F, 131°F 5°C, 55°C	CBP (MBP)	399	1363	343
EN12900 41°F, 122°F 5°C, 50°C	CBP (MBP)	391	1333	336

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



## ITEMS SPECIFICATIONS

	14951902	TH810ABA	TH810NF-095-A6
Documentation			
Electrical			
Drawing_EN			
Specification			
Status	Active	Active	Active
Global Model	THK9410YCG	THK9410YCG	THK9410YCG
Overload Type	External	External	External
Relay Type	Current Relay	Current Relay	Current Relay
Packaging	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)	8KG(18LB)	8KG(18LB)
Discharge Line Size	3/16 in (4.76mm)	3/16_IN	3/16 in (4.76mm)
Suction Line Size	1/4 in (6.35mm)	5/16_IN	1/4 in (6.35mm)
Grommet	Y	Y	Y
Overload	Y	Y	Y
Start Capacitor	Y	Y	Y
Terminal Cover	Y	Y	Y