



GUCHEN THERMO



*Guchen Thermo TR-350 is a new designed direct driven unit specifically for the transportation of fresh or frozen goods in small/medium-sized delivery vehicles with box volumes up to 25m3 (fresh). Super cooling capacity promise the safety of the transporting cargo. Light-weight, low failure rate, easy to install and easy to do maintenance!*



**Reliable**

World famous key parts to produce cooling systems.  
QP Compressors; Spal/Bosch Fans; Danfoss Parts; Castel Valves;  
Codan Pipes... Reliable and low failure rate.



**Efficient**

Modern refrigerated units are built to the highest specifications.  
CPR valve and Evaporator economizer to optimize the cooling performance, capacity, and prolong the service life.



**Guaranteed**

Guchen Thermo is the leading brand in China; with over 20 years experience in the R&D, production and sales of high quality refrigeration units. We have plenty of parts stocks to guarantee the after sales demands!

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# TR-350 UNITS



## Standard Features

- ▶ R404a Refrigerant
- ▶ Operation on 12/24V DC Vehicles
- ▶ QP16/TK16 Compressor
- ▶ In-cab Digital Controller, with e-diagnostics
- ▶ Ultra-Slim Evaporator with Huge Air Volume
- ▶ Automatic and Manual Hot Gas Defrost
- ▶ CPR Regulator
- ▶ Liquid Injection valve
- ▶ Expansion Valve with MOP
- ▶ Oil Separator and Refrigerant Reservoir

## Optional

- ▶ Heating Function
- ▶ Electric standby  
AC220V/1Phase AC280V/3Phase

Model			TR-350
Cooling Capacity	Conditions	Temperature	Watts
	Road	0°C	3800W
		-20°C	2250W
Control Voltage			DC 12V/24V
Defrosting			Hot gas defrost(Auto./Manual)
Temperature Range			-25°C ~ +30°C
Refrigerant & Volume			R404A,1.8kg±5%
Airflow Volume			1830m <sup>3</sup> /h
Compressor&Displacement		Road	QP16/163cc
Condenser		Type	Parallel Flow Condenser
		Qty of Fans	1Pc
		Dimensions	1010×553×230 mm
		Weight	21Kg
Evaporator		Type	Inner Grooved Copper Tube and Fin
		Qty of Fans	2Pcs
		Dimensions	1105×649×230 mm
		Weight	17Kg
Recommended Box Volume			15~25m <sup>3</sup>
Optional function			Heating and Electric standby

All data based on: 1. Ambient: +38°C for cooling; 0°C for heating; Insulation K-value: ≤ 0.32watts/m<sup>3</sup> ; Recommend box volume in application is related to ambient, K-value, and cargoes that will be loaded, etc.

2. Specifications are subject to change without priority notice. Guichen Thermo, 2018.08.30

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