



Guchen Thermo Co., Ltd

# INTEGRATED ELECTRIC STANDBY UNITS TR-550S/760S



Guchen Thermo integrated standby units are with the scroll electric compressor inside the condenser units, that can be plug into external AC power supply when truck engine stops. *Saving Fuel/ Saving Money/riently Eco-f.*

The compact and integrated structure are *light-weight, low noise, low failure rate, easy for installation and maintenance!*



## Reliable

We use 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

Our modern refrigerated units are built to the highest specifications.

CPR, liquid injection valve and Evaporator economizer are used 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!

**GUCHEN THERMO**



# INTEGRATED STANDBY UNITS



## Standard Features

- ▶ R404a Refrigerant
- ▶ Operation on 12/24V DC Vehicles
- ▶ AC Electric Standby Compressor
- ▶ In-cab Digital Controller, with e-diagnostics
- ▶ Ultra-Slim Evaporator with Huge Air Volume
- ▶ Automatic and Manual Hot Gas Defrost
- ▶ CPR Regulator
- ▶ Expansion Valve with MOP
- ▶ Oil Separator and Refrigerant Reservoir
- ▶ Economizer in the Evaporator Unit

## Optional

- ▶ Hot Gas Heating Function

Model			TR-550S	TR760S
Cooling Capacity	Conditions	Temperature	Watts	Watts
	Road	0℃	5800W	6700W
		-20℃	3000W	3530W
	Standby	0℃	5220W	6120W
		-20℃	2350W	3050W
Control Voltage			DC 12V/24V	
Defrosting			Hot gas defrost(Auto./Manual)	
Temperature Range			-25℃ ~ +30℃	
Refrigerant & Volume			R404A,2.8kg±10%	R404A,3.9kg±10%
Airflow Volume			2200m³ /h	3350m³ /h
Compressor&Displacement		Road	QP16/163cc	QP21/210cc
		Standby	KX-303L/68cc	KX-373L/83cc
Condenser(With standby)		Type	Parallel Flow Condenser	
		Qty of Fans	2Pcs	2Pcs
		Dimensions	1456*640*505mm	1456*640*505mm
		Weight	115Kg	122Kg
Evaporator		Type	Inner Grooved Copper Tube and Fin	
		Qty of Fans	3Pcs	3Pcs
		Dimensions	1224*508*278mm	1224*555*278mm
		Weight	32Kg	37Kg
Electric Standby Power Supply			AC220V 1Phase 50HZ / AC380V 3Phase 50HZ	
Recommended Box Volume			20~30m³	35~45m³

All data based on: 1. Ambient: +38℃ for cooling; 0℃ for heating; Insulation K-value: ≤ 0.32watts/m³ ; 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. Guchen Thermo, 2018.08.30

