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 / friendly 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!
### 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

### Cooling Capacity

<table>
<thead>
<tr>
<th>Conditions</th>
<th>TR-550S</th>
<th>TR760S</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Road</strong></td>
<td>0°C</td>
<td>5800W</td>
</tr>
<tr>
<td></td>
<td>-20°C</td>
<td>3000W</td>
</tr>
<tr>
<td><strong>Standby</strong></td>
<td>0°C</td>
<td>5220W</td>
</tr>
<tr>
<td></td>
<td>-20°C</td>
<td>2350W</td>
</tr>
</tbody>
</table>

### Control Voltage

DC 12V/24V

### Defrosting

Hot gas defrost(Auto./Manual)

### Temperature Range

-25°C ~ +30°C

### Refrigerant & Volume

- R404A, 2.8kg±10%
- R404A, 3.9kg±10%

### Airflow Volume

- Road: 2200m³/h
- Standby: 3350m³/h

### Compressor & Displacement

- **Road**: QP16/163cc
- **Standby**: KX-303L/68cc
- **TR-550S**: QP21/210cc
- **TR760S**: 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

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All data based on: 1. Ambient: +38°C for cooling; 0°C 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