

TR-450 DIRECT ENGINE UNIT TECHNICAL PARAMETERS

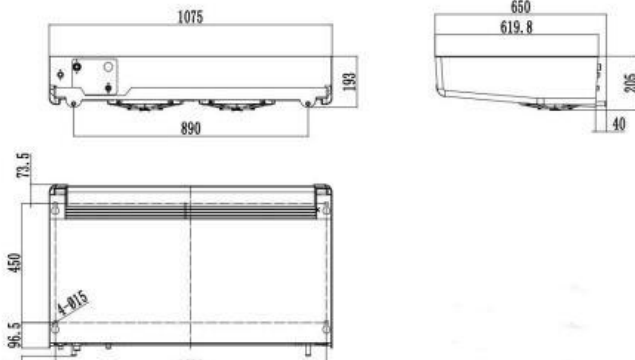
1, PRODUCTS PHOTO:



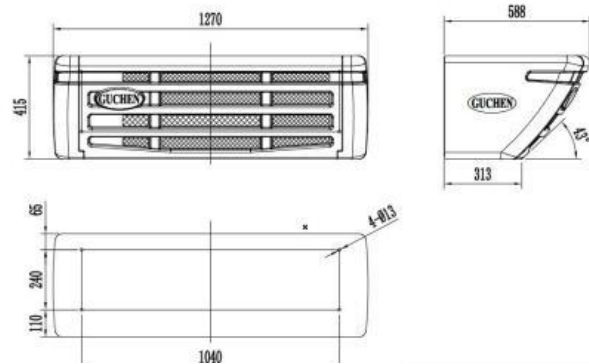
2 UNIT DIMENSIONS&WEIGHT

Condenser size : 1270 × 590 × 415 mm Weight: 38kg
 Evaporator size : 1080 × 619 × 205 mm Weight: 22.5kg

EVAPORATOR



CONDENSER



3,DESCRIPTION

Guchen Thermo TR-450 is a new high capacity direct drive refrigeration unit specifically designed for the transportation of fresh or frozen goods in small/medium-sized delivery vehicles with box volumes up to 30m³ (fresh). Super cooling capacity promise the safety of the transporting cargo.



4,STANDARD CONFIGURATION

- ✓ Front Mounted unit and slim evaporator design
- ✓ Compact structure, small size, light weight and fuel savings
- ✓ R-404A Eco-friendly refrigerant
- ✓ In-cab remote display and control
- ✓ Multiple safety protection devices
- ✓ Automatic and manual defrost system

5,SAFETY PROTECT SYSTEM

- ✓ Emergency switch protection
- ✓ Thermal protection guard
- ✓ System high pressure protection
- ✓ System low pressure protection

6,TECHNICAL PARAMETERS

Models			Tr-450	
Cooling Capacity	Road/Standby	Temperature	Watt	Btu
	On the Road	0°C	4200	14330
		-18°C	2315	7900
Airflow Volume			1830m³/h	
Temp. range			-30°C~30°C	
Refrigerant and volume			R404A&1.8kg	
Defrost			Automatic hot gas defrost	
Voltage			12VDC/24VDC	
Condenser	Type		micro-channel aluminum parallel flow	
	Fan motor		Axial fan	
	Qty of fan motor		2	
	Dimension & weight		1270×590×415 mm &38kg	
Evaporator	Type		Copper Tube & Aluminum Fin	
	Fan motor		Axial fan	
	Qty of fan motor		2	
	Dimension & weight		1080×619×205 mm &22.5kg	
Compressor	Model		Qp16	
	Displacement		163cc/r	
	No. of cylinder		6	
	weight		7kg	
Electric Standby Options			AC220V/1Ph/50Hz ,AC380V/1Ph/50hZ	
Recommend Box Volume			18~30m³	

Notes:

1.Ambient temperature: +38°C(100°F) for cooling, 0°C(32°F) for heating; K-value: ≤0.32Watts/m³°C. Recommend box volume in application is related to ambient, refrigerated body K-value and cargoes that will be loaded, etc.

2. Specifications are subject to change without priority notice; Guchen Thermo, 2017

