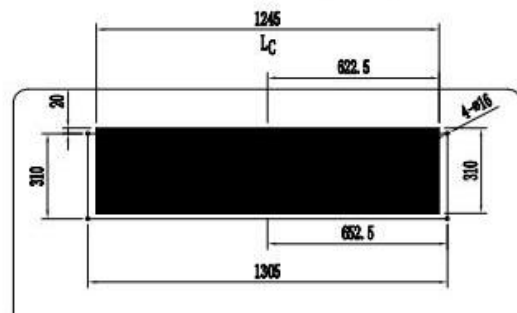
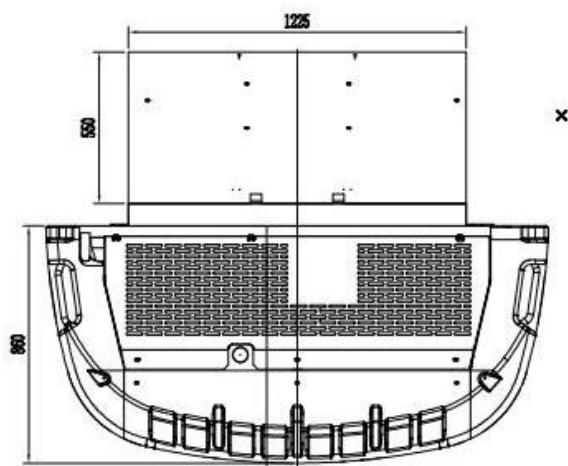
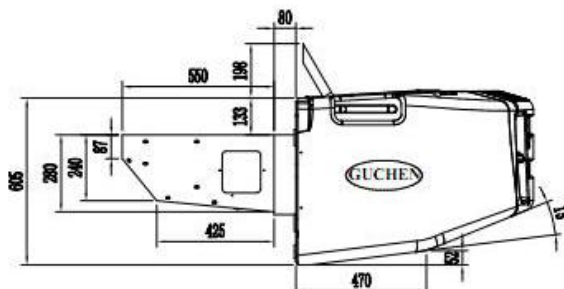
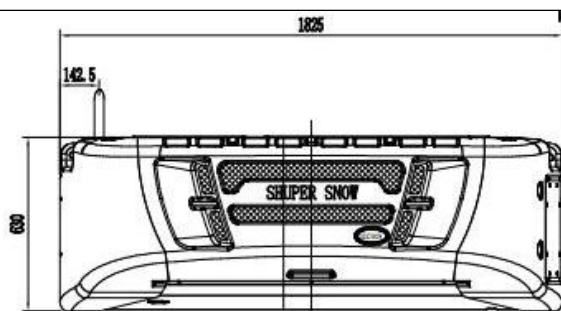


1, PRODUCTS PHOTO:



Weight : 432kg



			Self-Powered Unit Dimensions	产品型号	TS-800		
				规格型号			
页次	更改号	备 注		页次			
设计				设计	数量	材料	
审核							
检验				第 页	共 页	第 页	
工艺				GUCHEN THERMO			
管理							

3,DESCRIPTION

Guchen Thermo Super Snow Series TS-800 units are special designed for fresh,frozen and deep frozen cargoes.It application on the refrigerated truck box volume 25~40m³.They are suitable for the customer who wants to put together durability and reliability with low operational cost and handling charges. The super snow truck refrigeration units are self powered using German GEA Bock compressor , powered by a Perkins 3 cylinders diesel engine and electric motor.

4,STANDARD CONFIGURATION

- ✓ Perkins engine low noise, low emission, and low vibration level
- ✓ German GEA Bock compressor
- ✓ R-404A Eco-friendly refrigerant
- ✓ In-cab remote display and control
- ✓ Multiple safety protection devices
- ✓ Automatic and manual defrost system
- ✓ 3-Phase standby motor
- ✓ Automatic phase failure correction

5,SAFETY PROTECT SYSTEM

- ✓ Emergency switch protection
- ✓ Thermal protection guard
- ✓ System high pressure protection
- ✓ System low pressure protection
- ✓ Engine low oil pressure protection
- ✓ Engine cooling water temperature overheat protection

6,TECHNICAL PARAMETERS

Models			TS-800	
Cooling Capacity	Road/Standby	Temperature	Watt	Btu
	On the Road	0℃	7150	24400
		-18℃	3960	13500
	Electric Standby	0℃	6240	21300
		-18℃	3295	11240
Airflow Volume			2350m³/h	
Temp. range			-25℃~30℃	
Refrigerant and volume			R404A	
Defrost			Automatic hot gas defrost	
Voltage			12VDC	
Compressor		Model	BOCK FXK30	
		Displacement	235TK/233cc	
Engine		Model	Perkins 403D-07	
		No. of cylinder	3	
Electric Standby Options			220V/240V/380V/400v/3Phase 50Hz/60Hz	
Overall Size			1825*860*630 mm	
Evaporator Opening Size			1245*310 mm	
Weight			432kg	
Recommend Box Volume			25~40m³	

Notes:

- Ambient temperature: +38℃(100℉) for cooling, 0℃(32℉) for heating; K-value: ≤0.32Watts/m³℃. Recommend box volume in application is related to ambient, refrigerated body K-value and cargoes that will be loaded, etc.
- Specifications are subject to change without priority notice; Guchen Thermo, 2017

7,KEY PART LIST

Item #	Part Name	Model	Feature	Quantity
1	Engine	Perkins 403D-07/England	Japan made orginal diesen engine,3 cylinders,Light weight	1 SET
2	Compressor	GEA BOCK/German	High efficiency, resist impact and vibration	1 SET
3	Condenser fan	Customized	Brushless Fan with aluminum blades	1 SET
4	Evaporator fan	Customized	High efficiency, low noise, long life	3 SET
5	Expansion valve	Danfoss/Denmark	Good interchange ability ,high performance, with .MOP	1 SET
6	Filter dryer	Danfoss/Denmark	Strong drying and filtering capability	1 SET
7	Reservoir	Customized	Reasonable design, plastic powder coating surface	1 SET
8	Crankcase pressure regulating valve	Danfoss/Denmark)		1 SET
9	Electric Motor	Customized	Aluminum alloy shell, elegant, durable, heat eliminable	1 SET
10	Triple valve	Sporlan/U.S.A	Compressor protection	1 SET
11	Solenoid valve	Castel/Italy	high temperature resistance	1 SET
12	Pressure sensor	Texas Instruments/U.S.A		2 SET
13	Exhaust gas temperature sensor	BPT		1 SET
14	Connector clip	AMP	waterproof performance,	2 SET
15	Condenser coil	TSC-800L	Inner-thread Copper Tube & hydrophilic Aluminum Foil	1 SET
16	Evaporator coil	TSE-800Z	Inner-thread Copper Tube & hydrophilic Aluminum Foil	1 SET
17	Controller	Customized	In-Cab remote display and control,programmable temperature control	1 SET
18	Cover	Fiberglass Sheet	high quality FRP,beautiful outlook high Mechanical strength ,Good corrosion protection and ageing protection	1 SET
19	Sheet-metal part	Customized	International steel standard	1 SET
20	Belt	Gates/U.S.A	wear-resisting	5 SET

