

ReeferBox

Thaireefer have a full range of direct-drive (vehicle-powered) units to suit your needs.

- Top Cool Smart Reefer Controller
- Fast Pull-Down Capacity
- Low Noise Level
- Thaireefer's 1 year warranty

R-134A refrigerant is selected for fresh temperature requirement. Lower pressure refrigerant means longer unit lifespan

R-404A refrigerant is selected for frozen temperature requirement. Better cooling capacity is achieved.

TR-100SP

TR100 uses an engine-mounted compressor (TM 15). The system also comes with Electric Standby option. The noise mount unit is ideal for pick-up or small trucks.

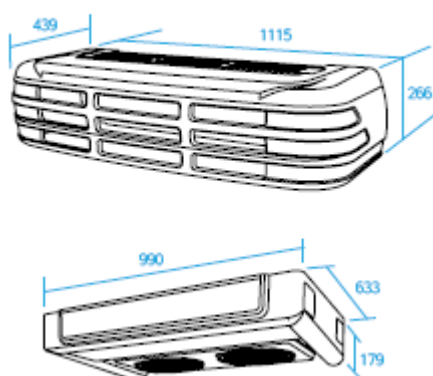
- Automatic hot gas defrost
- TM 15 compressor – Made in Japan
- Top Cool Smart Reefer Controller
- R-134a or R-404a refrigerant
- Ultra Slim evaporator
- Lightweight construction
- Long life condenser/evaporator fans



EVAPORATOR



Dimension



Compressor	TM-15 (147cc)
Applied Vehicle(ton)	1 ton -1.4 ton
Service Temperature	+20 C ~ -10 C
Operation Voltage(V)	12V
Operation Current(W)	360W
Refrigerant	R-404A
Refrigerant Volumn(kg)	1.4kg
Defrost	HOT GAS BYPASS
Weight(kg) Condenser	26kg
Evaporator	20kg
Install kit	24kg
Total	70kg

Refrigerant	temperature		Road Operation		
	°C	°F	Watts	Kcal/h	BTU/h
R-404A	1.7	35	3,517	3,024	12,000
	-17.8	0	1,905	1,638	6,500
	-29	-20	1,319	1,134	4,500

TR-250 CP / TR-500 CP

TR 250 is the ideal for medium size trucks and uses TM 16 compressor. TR-500 is the largest direct drive unit Thaireefer offers. The unit provides unparalleled cooling performance for trucks up to 7.5 meters in length. The compressor used for this system is TM 21.

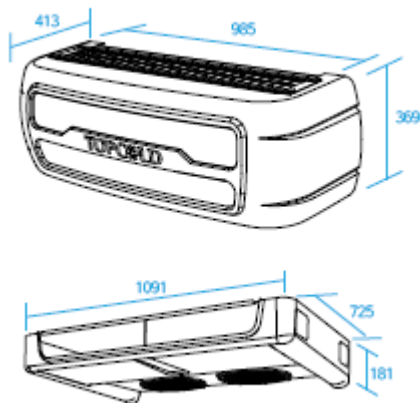
- Automatic hot gas defrost
- TM 16/21 compressor – Made in Japan
- Top Cool Smart Reefer Controller
- R-134a or R-404a refrigerant
- Ultra Slim evaporator
- Lightweight construction
- Long life condenser/evaporator fans



EVAPORATOR

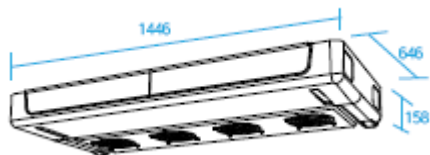


Dimension



Compressor	TM-16 (163cc)
Applied Vehicle(ton)	2.5 ton - 3.5 ton
Service Temperature	+20 C ~ -15 C
Operation Voltage(V)	24V
Operation Current(W)	600W
Refrigerant	R-404A
Refrigerant Volumn(kg)	1.7kg
Defrost	HOT GAS BYPASS
Weight(kg)	Condenser 28kg
	Evaporator 23kg
	Install kit 27kg
	Total 78kg

Refrigerant	temperature		Road Operation		
	°C	°F	Watts	Kcal/h	BTU/h
R-404A	1.7	35	4,337	3,730	14,800
	-17.8	0	2,345	2,016	8,000
	-29	-20	1,512	1,300	5,160



EVAPORATOR



Compressor	TM-21 (215cc)
Applied Vehicle(ton)	5ton
Service Temperature	+20 C ~ -10 C
Operation Voltage(V)	24V
Operation Current(W)	720W
Refrigerant	R-404A
Refrigerant Volumn(kg)	2.4kg
Defrost	HOT GAS BYPASS
Weight(kg) Condenser	40kg
Evaporator	43kg
Install kit	30kg
Total	113kg

Refrigerant	temperature		Road Operation		
	°C	°F	Watts	Kcal/h	BTU/h
R-404A	1.7	35	5,568	4,788	19,000
	-17.8	0	3,224	2,772	11,000
	-29	-20	2,491	2,142	8,500

Compressors

Thaierfeer uses industry leading compressors from Valeo. Unlike others in the industry, all of our compressors are made in Japan for increased reliability and performance.



Reefer Truck Body

- Extruded Polystyrene (*XPS*) *Insulation* - Light weight and high strength and high insulation value
- Aluminum Skin for food safety and light weight.
- Joint-less wall panels (Al skin overlap for large box) for superior insulation.
- Stainless steel checkered non-slip floor or U floor.
- Stainless Steel and Aluminum materials are used extensively to prevent rust and extend the life of the box.
- Special rubber soft door seal for superior insulation.
- External LED lights.
- Four drain holes, one in each corner.
- Aluminum internal wall guards to prevent damages to the box walls during un/loading.
- Emergency Bell.



Floor Panel (Plywood-XPS-Al)