

TR-1000S



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**High performance refrigeration unit for middle size truck have about 40~ 45m³ storage volume.
 Box Length In 9.5 Meters**

Description

One of A-TECHEL THERMO's self-powered engine driven units in TR series is refrigerator system with professionally designed and manufactured for fresh and frozen applications on middle size truck.

Evaporator

- PLATE FIN TYPE
- 3 Fans - diam. 280 mm
- Air Volume : 3100m³/h
- Designed Air speed : 8.4 m/s

Electric standby

- 9Kw, High Performance AC Motor
- 220V / 380V / 415V, 3-Phase, 50 / 60 Hz

Compressor

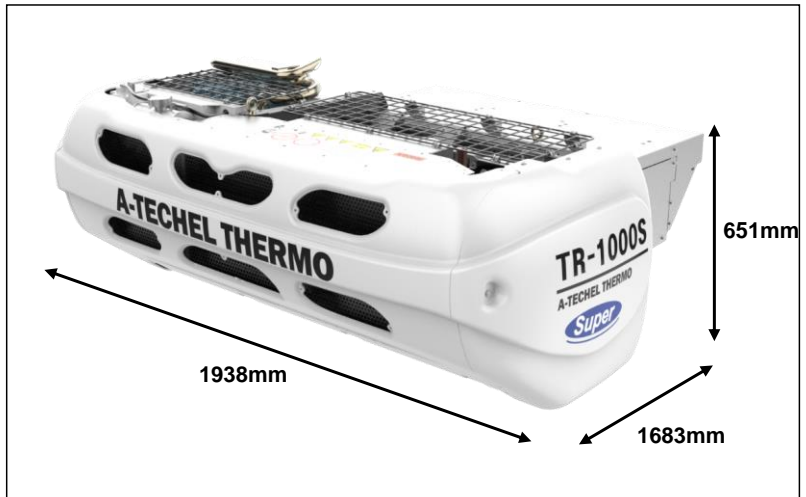
- BLTZER-4TFRY-GERMANY
- Displacement : 475cc

Engine

- YANMAR / EPA Final Tier 3 / 3TNV-76 / japan
- Displacement: 1116cc / kubota-D1105/ 1123cc
- Oil charge : 8.7L / Oil charge : 3 8L

Refrigerant

- HFC R-404a
- Chlorine - Zero
- Refrigerant charge : 4.2 Kg +/- 100g



- Defrost Control
 - Manual Defrost : controlled by pushing button manually
 - Auto Defrost : controlled by pressure difference
 - Timer Defrost : controlled by pre set-up cycling time of timer
- System Protection
 - Engine cut off at low oil pressure
 - Engine cut off at high coolant temperature
 - Compressor cut off at high or low pressure of system
 - Compressor cut off at high temperature of comp. body
- Temperature Control
 - Engine stop/start based on fixed temperature / Manual control also possible



Refrigeration Capacity

Ambient temperature at 30°C / 86°F

	Engine Driven		Electric Motor Driven (option)		Weight
R404A	0 °C	-20 °C	0 °C	-20 °C	
Watts	9500	6700	7000	5000	560 Kg
Kcal/h	8173	5764	6022	4302	
BTU/h	32415	22861	23884	17060	

※ Specifications can be changed without notice in advance.