

# TR-800S



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**High performance refrigeration unit for middle size truck have about 29 ~ 36m<sup>3</sup> storage volume.  
Box Length In 7.5 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 : 3100m<sup>3</sup>/h
- Designed Air speed : 7 m/s

### Electric standby

- 7.5Kw, High Performance AC Motor
- 220V / 380V / 415V, 3-Phase, 50 / 60 Hz

### Compressor

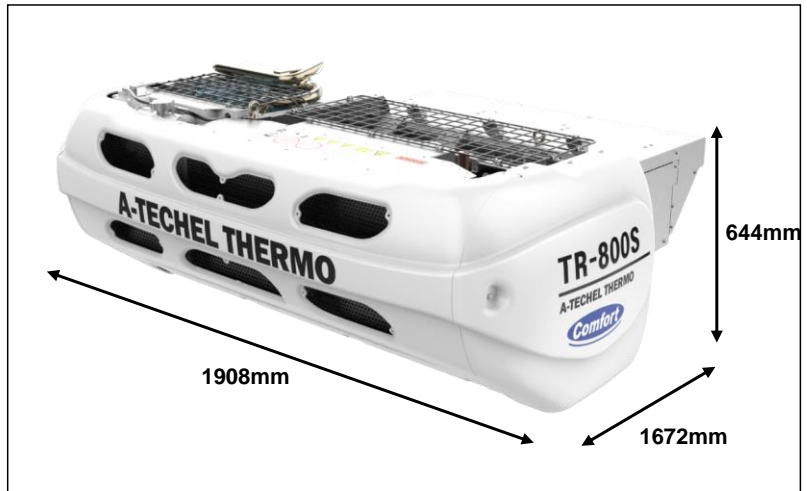
- BITZER-2NFR-Germany
- Displacement : 354cc

### Engine

- kubota1105D / japan
- Oil charge : 3.8L

### Refrigerant

- HFC R-404a
- Chlorine - Zero
- Refrigerant charge : 3.8 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
	0 °C	-18 °C	0 °C	-18 °C	
R404A					473 Kg
Watts	7300	5100	5600	3900	
Kcal/h	6281	4388	4818	3355	
BTU/h	24908	17401	19107	13307	

※ Specifications can be changed without notice in advance.