

# TR-600S



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**High performance refrigeration unit for middle size truck have about 24 ~ 29m<sup>3</sup> storage volume.  
 Box Length In 6.5 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 : 2910m<sup>3</sup>/h
- Designed Air speed : 7.8 m/s

**Electric standby**

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

**Compressor**

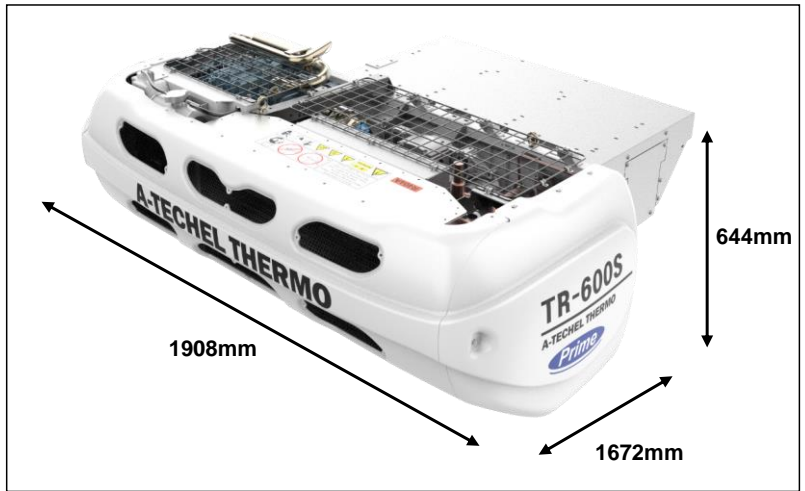
- BITZER-2PFR-Germany
- Displacement : 305cc

**Engine**

- KUBOTA / D 1105 / japan

**Refrigerant**

- HFC R-404a
- Chlorine - Zero
- Refrigerant charge : 3.8Kg +/- 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
- Option
  - Electric standby Specification  
Use electric motor to operate refrigerator while engine is not being used
  - Heating System : To obtain warm room temp in low ambient.



**Refrigeration Capacity**

Ambient temperature at 30°C / 86°F

	Engine Driven		Electric Motor Driven ( option )		Weight
	0 °C	-20 °C	0 °C	-20 °C	
R404A					473 Kg
Watts	7000	4900	5200	3500	
Kcal/h	6022	4216	4474	3011	
BTU/h	23884	16719	17753	11942	

※ Specifications can be changed without notice in advance.