



TRANSFRIG
GULF

MT

300/450

Diesel Electric



Diesel Electric

MT300

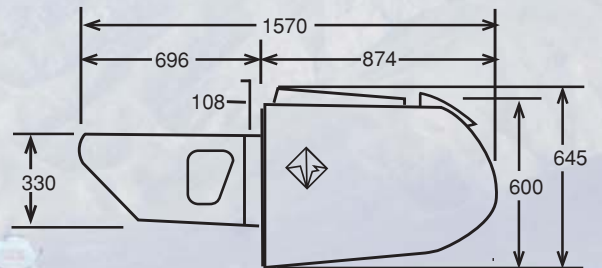
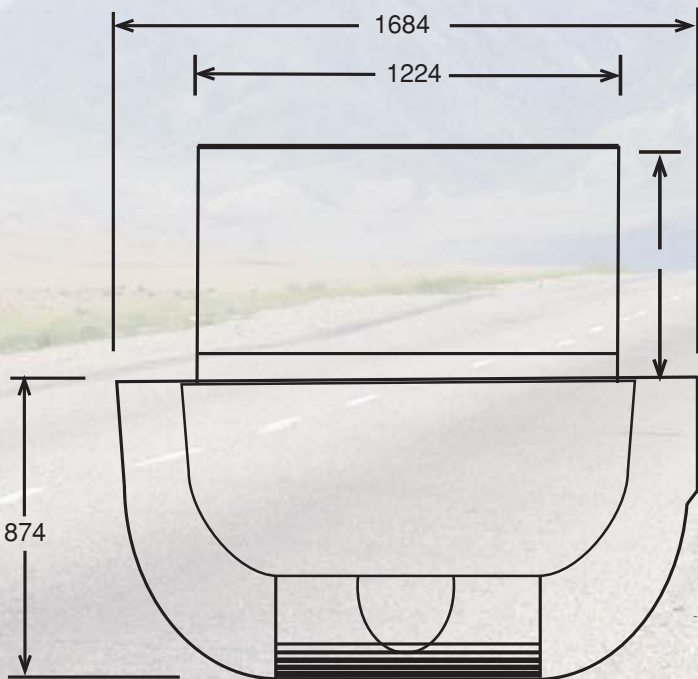
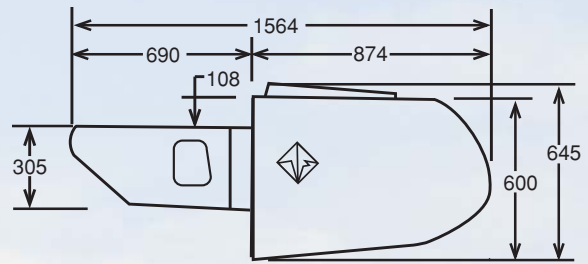
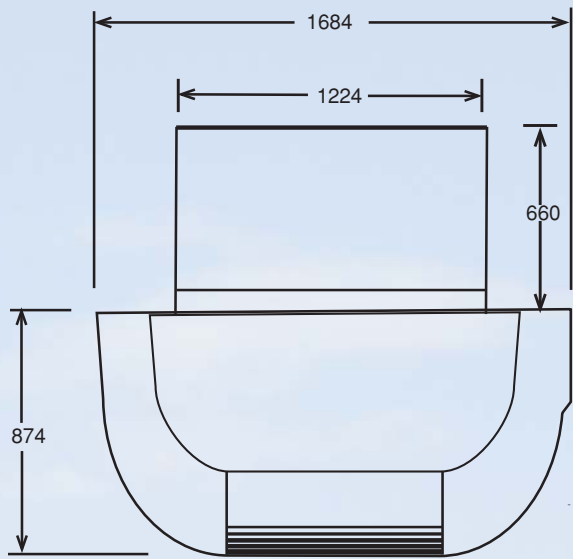


- ◆ Micro processor controlled
- ◆ Auto engine start on power failure



MT450







TRANSFRIG GULF

◆ Application

The refrigeration system will refrigerate insulated bodies as tabulated.

Models	Approximate maximum body lengths @ given box temperatures	
	0°C	-18°C
MT300	6m	5m
MT450	7m	6m

Note: In order to ensure the correct application, ambient temperature, body insulation and number of door openings must be taken into consideration. Please consult your Transfrig dealer before final selection.

◆ General design concept

The frame is manufactured from epoxy powder coated stainless steel and the evaporator from stainless steel and aluminium. Covers are made from UV resistant GRP.

◆ Engine

MT300 – The reliable TF 482cc, 2 cylinder, water cooled diesel rated @ 8,1kW

MT450 – The reliable TF 722cc, 3 cylinder, water cooled diesel rated @ 12,2kW

◆ Electric motor

MT300 – 4kW, 380V, 3Phase, 7.8A at full load

MT450 – 5,5kW, 380V, 3Phase, 12.3A at full load

◆ Compressor

MT300 – FK 30/235, 2 cylinder 235cc

MT450 – FK 30/325, 2 cylinder 325cc

◆ Clutch

ISO 9001 Centrifugal, 2 claw.

◆ Airflow

A constant airflow is provided by electric evaporator fans.

MT

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◆ Defrost

Automatic defrost is initiated by means of a preset timer. A manual defrost facility is also provided.

◆ Simple operations

The required temperature is simply set on the thermostat. Initiating refrigeration and changing from diesel to electric drive is all controlled from the in-cab control panel.

◆ Ozone friendly refrigerant

Zero ODP R404a.

MT	CAPACITY @ 30°C ambient		Evaporator discharge velocity m/s	Airflow volume m³/hour
	-20°C Watt	0°C Watt		
300	3055	4969	7,7	3031
450	4550	7945	8	3320

◆ Aperture requirement

Units	Width	Height
MT300	1250	325
MT450	1250	350

◆ Weight

Units	Weight
MT300	357kg
MT450	369kg

Contact

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