

# TE series

Bulkhead unit TE 30,  
TE 30 Multi-Temp

MOVE THE WORLD FORWARD

**mitsubishi**  
**HEAVY**  
**INDUSTRIES**  
**GROUP**



MITSUBISHI TE series – the future is all-electric.

At MITSUBISHI, the future has already begun. Our all-electric TE series refrigeration system perfectly combines operating efficiency with environmental sustainability.

By combining all-electric drive with environmentally-friendly R410A refrigerant, the TE series will reduce particulate air pollution and CO<sub>2</sub> emissions, lower your maintenance costs and provide the perfect solution for urban distribution with its extremely quiet operation.

The low-maintenance MITSUBISHI TE series is designed to operate seamlessly in conjunction with your vehicle, thus consuming as little energy as possible while delivering maximum output.

Cooling capacity remains at 100 % regardless of your vehicle engine speed. In Start/Stop operation, the TE series automatically switches to battery power so it can function independently of your vehicle's fuel supply.

In summary, the TE series is a highly efficient, environmentally-friendly refrigeration system designed to guarantee the security of your valuable cargo.



Remote control



Generator



Battery box



## Benefits:

- > All-electric unit with no mechanical drive for low maintenance and minimal environmental impact
- > Drive operation via 24V generator eliminates stress on the vehicle engine
- > Stand-by operation via 24V battery system for daily delivery cycles gives independence from the vehicle engine and emergency power supply in the event of a breakdown
- > Start-Stop function remains activated (WLTP fuel test procedure) reducing emissions
- > Very low refrigerant volume, so no annual leak test required
- > R410A refrigerant with extremely low Global Warming Potential (GWP)
- > Engine speed has no impact on cooling capacity, protecting valuable cargo
- > Closed refrigeration circuit to minimise life cycle costs
- > Hermetic compressor design minimises component wear and tear
- > 230V power supply (included) permits pre-cooling to effectively maintain the cold chain
- > User-friendly multilingual in-cab remote control with LCD display for error-free operation and USB port for easy downloads
- > Timer function permits scheduled pre-cooling

	TE 30	TE30 Multi-Temp
Cooling capacity (ATP tested)		
at 0 °C	3019 watt	2925 watt
at -20 °C	1170 watt	1229 watt
Refrigerant	R410A	R410A
Air flow	732 m³/h	depending on system configuration
Weight	177 kg*	197 kg*

\*Condenser, evaporator, generator, batteries and fixing materials



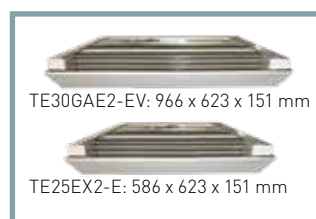
### Easy maintenance

- > No refrigerant hoses means a hermetically sealed system
- > Low number of wear parts
- > Minimal load peaks to protect belt drive
- > Integrated battery management system to maximise battery life
- > No annual leak test required



### Compressor

- > Hermetic twin rotary compressor
- > Highly efficient
- > Highly durable
- > Variable control, output-dependent



Evaporator

