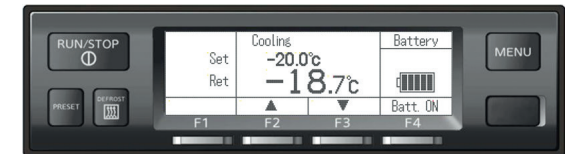


TE series

Bulkhead unit TE 30

MOVE THE WORLD FORWARD

**MITSUBISHI
HEAVY
INDUSTRIES
GROUP**



Remote control



Evaporator

MITSUBISHI TE 30 – the future is all-electric.

At MITSUBISHI, the future has already begun. Our all-electric TE 30 refrigeration system perfectly combines operating efficiency with environmental sustainability.

By combining all-electric drive with environmentally-friendly R410A refrigerant, the TE 30 will reduce particulate air pollution and CO₂ emissions, lower your maintenance costs and provide the perfect solution for urban distribution with its extremely quiet operation.

The low-maintenance MITSUBISHI TE 30 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 30 automatically switches to battery power so it can function independently of your vehicle's fuel supply.

In summary, the TE 30 is a highly efficient, environmentally-friendly refrigeration system designed to guarantee the security of your valuable cargo.



Generator



Battery box

MITSUBISHI

Transport Refrigeration

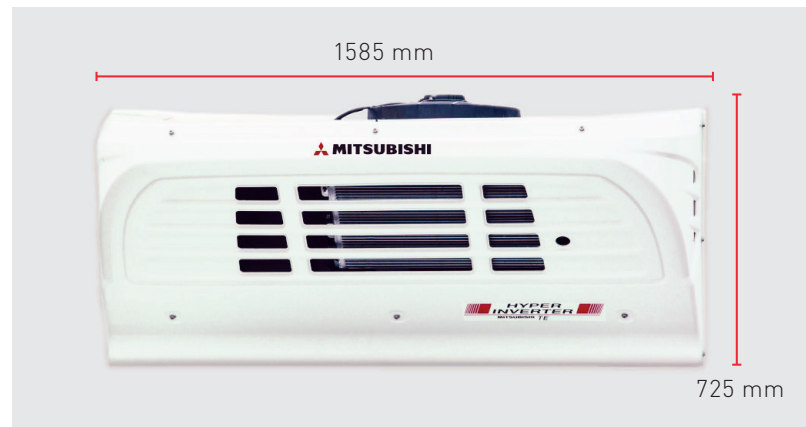


Benefits:

- > 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
Cooling capacity (ATP tested)	
at 0 °C	3019 watt
at -20 °C	1170 watt
Refrigerant	R410A
Air flow	732 m³/h
Weight	177 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

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