

# Preciso

## TEK-Series

Bulkhead units  
TEK and TEK Multi-Temp



MOVE THE WORLD FORWARD

**MITSUBISHI  
HEAVY  
INDUSTRIES  
GROUP**



Remote control

MITSUBISHI TEK series – the future is all-electric.

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

By combining all-electric drive with environmentally-friendly R452A refrigerant, the TEK series 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 TEK 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 TEK series automatically switches to battery power so it can function independently of your vehicle's fuel supply.

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



Generator



Battery box



## Benefits:

- > All-electric
- > Compact dimensions
- > Drive operation via 24V generator and 24V battery system
- > 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 breakdown
- > Start-Stop function remains activated (WLTP)
- > Very low refrigerant volume, so no annual leak test required
- > Engine speed has no impact on cooling capacity, protecting valuable cargo
- > Closed refrigerant circuit to minimize 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



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Cooling capacity  
(temporary performance  
values, ATP data follows)

	TEK250SA	TEK350SA	TEK450SA	TEK450MA Multi-Temp
at 0 °C	appr. 2.400 watt	appr. 3.200 watt	appr. 4.000 watt	appr. 4.000 watt
at -20 °C	appr. 1.200 watt	appr. 1.600 watt	appr. 2.000 watt	appr. 2.000 watt
Refrigerant	R452A	R452A	R452A	R452A
Air flow	appr. 700 m³/h	appr. 1.100 m³/h	appr. 1.500 m³/h	depending on system configuration
Weight	appr. 185 kg**/**	appr. 190 kg**/** appr. 225 kg**/**	appr. 230 kg**/**	depending on system configuration

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

\*\*TEK250SA with 2 pcs. 50 Ah batteries, TEK350SA with 2 pcs. 50 Ah or 2 pcs. 90 Ah batteries,  
TEK450SA and TEK450 Multi-Temp with 2 pcs. 90 Ah batteries



### 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

TEX11CA-EVA2JE



TEX09CA-EVA2JE



TEX06CA-EVA2JE

