

TFV series

Semi-trailer unit TFV 150



MITSUBISHI TFV 150 – exceptionally high performance semi-trailer refrigeration unit.

The new MITSUBISHI TFV 150 is one of the most advanced transport refrigeration systems in its class, providing complete satisfaction and meeting the highest customer demands in all aspects of everyday logistics.

The MITSUBISHI TFV 150 is a highly efficient refrigeration unit delivering significant fuel savings, environmentally-friendly R410A refrigerant, the renowned MITSUBISHI engine generator system, unique inverter control and a highly efficient hermetic

compressor. The MITSUBISHI diesel engine complies with the strict exhaust emission standard EU Stage V. At 65 dB(A) under PIEK conditions, the TFV 150 is one of the quietest refrigeration systems in this segment.

The exceptional MITSUBISHI heat pump system provides extremely high heating capacity.

The combination of these key features gives the customer a highly efficient and environmentally sustainable transport refrigeration system.

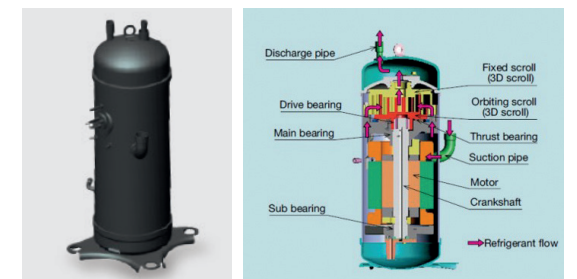
Total reliability with reduced life cycle costs: the MITSUBISHI TFV 150 semi-trailer refrigeration unit.

MOVE THE WORLD FORWARD

**MITSUBISHI
HEAVY
INDUSTRIES
GROUP**



Remote control



3D scroll compressor



Detailed view of the technology

Benefits:

- > Exceptional heating capacity due to special heat pump technology is unique in its class
- > Extremely quiet (approx. 65 dB(A)), ideal for urban distribution
- > Very low fuel consumption due to low operating speed
- > R410A refrigerant with extremely low Global Warming Potential (GWP)
- > Low refrigerant volume saves cost and reduces environmental footprint
- > Complies with strict EU Stage V exhaust emission standard
- > Compressor management via inverter technology for precise power control
- > Integrated and proven major components from MITSUBISHI
- > Hermetic compressor design minimises component wear and tear
- > Timer function permits scheduled pre-cooling
- > User-friendly multilingual remote control with LCD display for error-free operation and USB port for easy downloads
- > Low maintenance and low cost of ownership

	TFV 150
Cooling capacity (ATP tested)	
at 0 °C	14646 watt
at -20 °C	8080 watt
Heating capacity at -10 °C	17157 watt
Heating capacity at -20 °C	12402 watt
Refrigerant	R410A
Air flow	5629 m³/h
Engine	MITSUBISHI S4L2
Weight	770 kg



Easy maintenance

- > Easily accessible system components
- > Low number of wear parts
- > Only one V-ribbed belt



Compressor

- > Hermetic 3D scroll compressor
- > Highly efficient
- > Variable control, output-dependent
- > Wear-resistant



Options

- > Electric heating function

