

SPIHEROS

SLIM LINE TRAILER REFRIGERATION UNIT

MT180



SLIM LINE AND ROBUST DESIGN ANY TRAILER ANY MISSION

The VT180 is a single temperature cooling unit for insulated trailers. Designed to operate in the most robust conditions.

A speed-controlled diesel engine, variable speed brush-less condenser and evaporator fans and an electronic expansion valve provide high levels of efficiency with low noise depending on engine load.

Accurate temperature control and balanced air distribution in the load body ensure the highest product quality with consistent performance.

ADVANCED TECHNOLOGY - YOU CAN RELY ON.

MT180 - DIESEL ONLY

CUSTOMER BENEFITS

Reliable technology

- Fast Pull down and accurate temperature control due to electronic expansion valve.
- Robust design and high quality components, designed to operate in the toughest conditions.

Low maintenance

- Long Life components.
- Belt-less energy transmission.
- Easy access to components and serviceable areas.

Intelligent Control

- Convenient and robust control panel.
- User friendly.
- Diagnostics available via USB.
- Telematics
- Access to PLC and unit data via Bluetooth application.

Emissions reduction

- Reduced emissions due to speed-controlled diesel engines and fans.

Dimensions in mm



TECHNICAL DATA

Cooling Capacity 30 °C ambient (W) / R404a	0°C	18000
	-20°C	9500
Fan Type	Brushless DC, Axial	
Air Volume Flow (m3/h)	10200	
Aperture Dimensions W x H (mm)	1700 x 1170	
Weight (kg)	880	
Compressor	Type	FK40_655
	Cylinders	4
	Displacement (cm3)	650
Diesel Engine	Type	Yanmar
	Cylinders	4
	Displacement (cm3)	2190

SPHEROS

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