

Slim line trailer refrigeration unit

# MT180



NEW

## Slim line and robust design any trailer any mission

The MT180 is a single temperature cooling unit for insulated trailers. Designed to operate in the most robust conditions.

A speed-controlled diesel engine, variable speed brushless 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.

[www.spheros-transfrig.com](http://www.spheros-transfrig.com)

**SPHEROS**

### 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 fuel consumption due speed controlled engine

#### Low maintenance

- Long Life components
- Beltless 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



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