

# SPIHEROS

**SLIM LINE TRAILER REFRIGERATION UNIT**

## MT180



### 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 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.**

## 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
- Unit data available via USB on PLC.

### Emissions reduction

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

Dimensions in mm



## TECHNICAL DATA

|   |                    |                     |
|---|--------------------|---------------------|
| Cooling Capacity<br>30 °C ambient (W) / R404a | 0°C                | 19000               |
|   | -20°C              | 9700                |
| 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                |