

# SPHEROS

**NEW GENERATION TRANSPORT REFRIGERATION**

## MT 80



**DESIGNED FOR TODAY READY FOR TOMORROW**

Experience innovation with the NEW MT80's future-proof design. Reduced fuel consumption and maximized efficiency without compromising performance.

Full colour touchscreen providing intuitive access to system diagnostics, performance metrics and control functions with ease. Lower services costs and downtime ensures operational reliability and overall cost effectiveness.

**ADVANCED TECHNOLOGY - YOU CAN RELY ON.**

## CUSTOMER BENEFITS

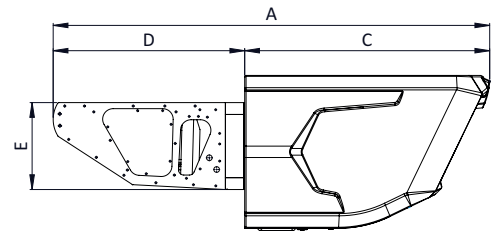
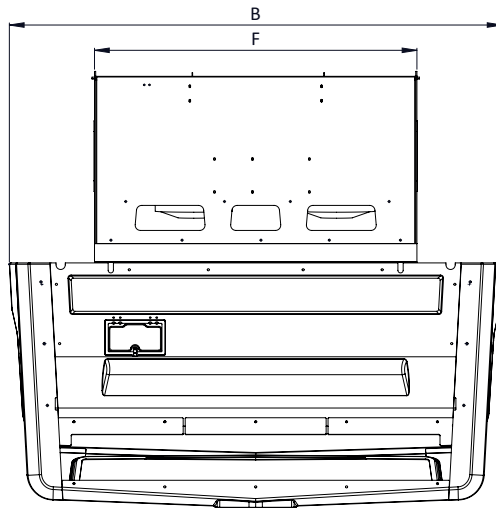
### ADVANTAGES

- Future proof design
- Sensor enhancements
- Fast pull down and accurate temperature control
- Reduced fuel consumption through engine speed control and electric compressor clutch.
- Long life components
- Easy bulkhead installation & layout, providing ease of access for optimized maintenance time

### STANDARD FEATURES

- User friendly full colour touch screen
- Standalone diesel engine and electric standby motor
- Motor protection module
- Brushless speed controllable condenser and evaporator fans

	MT 80
A	1657
B	1870
C	930
D	727
E	330
F	1224



## TECHNICAL DATA

			MT 80	
Cooling Capacity @30°C ambient R404A	Diesel	0°C	8800	
		-20°C	4500	
	Electric	0°C	6200	
		-20°C	3400	
Air Volume Flow (m³/h)			3700	
Aperture Dimensions (mm)	Width		1250	
	Height		350	
Weight (kg)			513	
Compressor	Type		FKX30/275	
	Cylinders		2	
	Displacement (cm³)		275	
Diesel Engine	Cylinders		3	
	Displacement (cm³)		854	
Electric Motor	Power (kW)	380V 3Ph	5,5	
		220V 3Ph		
	Current consumption (A)	380V 3Ph	10,7	
		220V 3Ph	21	
				<b>50 Hz/60 Hz</b>