

SHEROS

TRANSPORT REFRIGERATION UNITS FOR MEDIUM AND LARGE RIGID TRUCKS

MT DIESEL ELECTRIC

220i/310i/460i/660i



THE E-VALVE ENHANCES PERFORMANCE

Due to a new electronic expansion valve the Diesel Electric MT line improves efficiency, cares for faster pull-down and ensures accurate temperature control.

Available in four different capacity models the MT Diesel Electric line covers all the requirements for the distribution of all perishable goods. Taking into consideration ambient temperature, body insulation and the number of door openings. An MT unit is suited to cater for your requirements.

Reduced fuel consumption, lower service costs and downtime ensures high operational reliability and overall cost effectiveness.

ADVANCED TECHNOLOGY - YOU CAN RELY ON.

MT 220i/310i/460i/660i - Diesel Electric

FEATURES

ADVANTAGES

- Fast pull down and precise temperature control due to new electronic expansion valve
- Improved controls with new IPro PLC, with built in safety features
- Easily available downloadable diagnostics via USB through the Intelligent Logic Controller
- Robust design and quality components, designed for tough operating conditions.
- Easy bulkhead installation & layout, providing ease of access for optimized maintenance time

STANDARD FEATURES

- Multi Temperature systems available throughout the range
- Thermostatically controlled fan, multi temperature systems on request
- Standalone diesel engine and electric standby motor
- Auto phase detection and correction
- Simple In-Control panel, increased ease of operation
- Constant airflow through electronic evaporator fans, for improved air management

Installation Kit Includes:

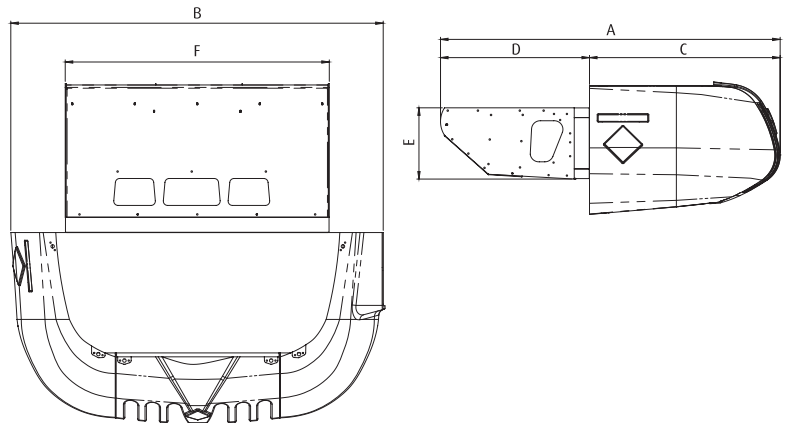
- Installation KIT with fixing bolts
- Electric connection KIT
- Fuel pump KIT
- Cab controls

Optional Extras

- Door switches
- Refrigerant R134a (for positive temperature only)
- Telematics

Dimensions in mm

	MT 220i	MT310i	MT460ii	MT660i
A	1550	1580	1585	1660
B	1728	1728	1728	1903
C	890	890	890	964
D	660	690	692	692
E	305	305	330	330
F	760	1224	1224	1339



TECHNICAL DATA

			MT 220i	MT 310i	MT 460i	MT 660i
Cooling Capacity @30°C ambient R404A	Diesel	0°C	3600	5000	7900	10500
		-20°C	2100	3000	4500	6300
	Electric	0°C	2700	3700	5900	7800
		-20°C	2000	2300	3400	4700
Air Volume Flow (m³/h)			2000	3000	3300	3900
Aperture Dimensions (mm)	Width		780	1250	1250	1420
	Height		325	325	350	350
Weight (kg)			306	346	390	564
Compressor	Type		FKX30/235	FKX30/235	FKX30/325	FKX40/470
	Cylinders		2	2	2	4
	Displacement (cm³)		235	235	325	470
Diesel Engine	Cylinders		2	2	3	3
	Displacement (cm³)		482	482	722	1005
Electric Motor			50 Hz/60 Hz	50 Hz/60 Hz	50 Hz/60 Hz	50 Hz/60 Hz
	Power (kW)	380V 3Ph	3	4	5,5	7,5
		220V 3Ph				
	Current consumption (A)	380V 3Ph	6,6	8,5	10,7	16,1
		220V 3Ph	10,9	13,5	21	26