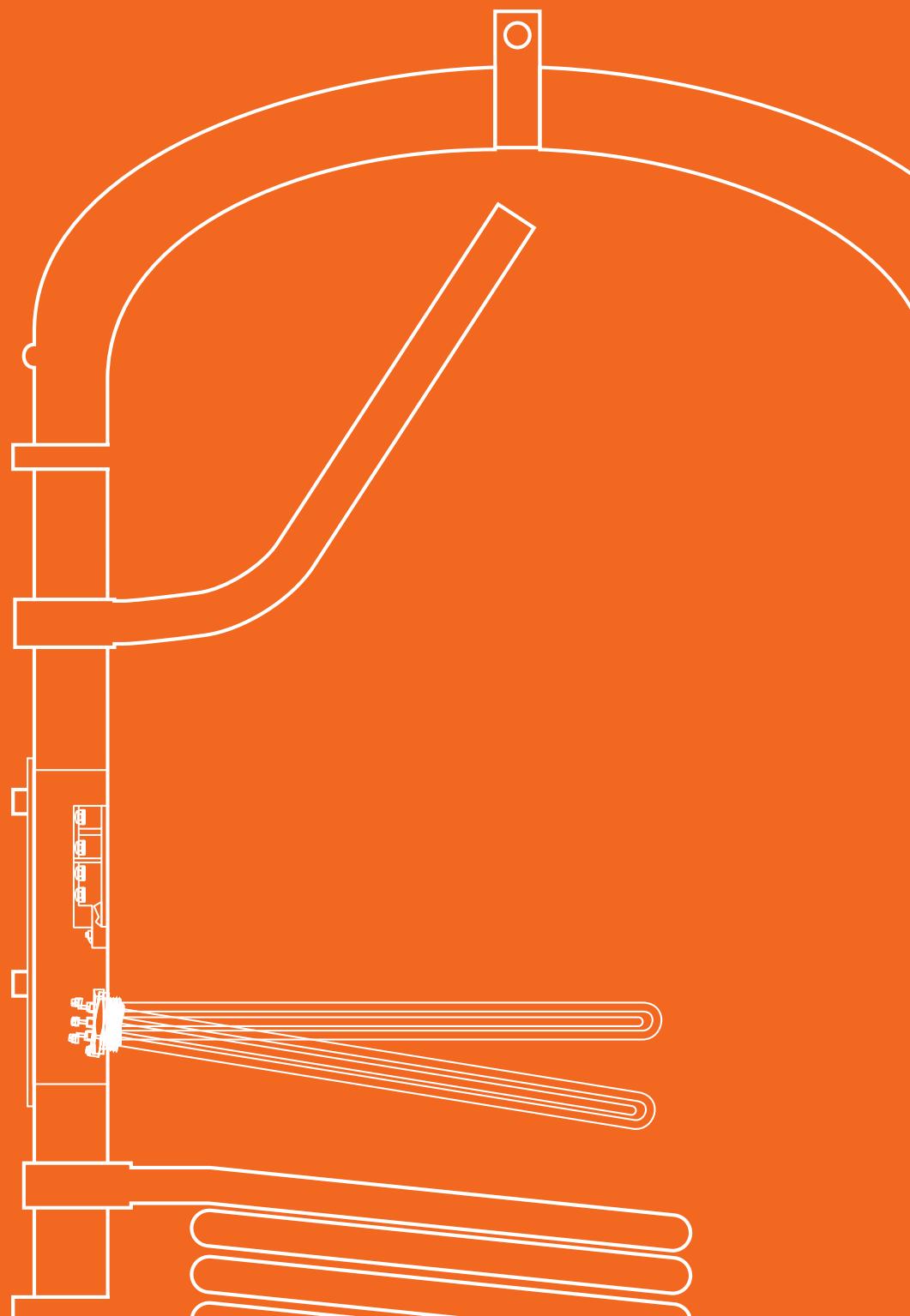


# OSO

## Maxi Marine stainless steel water heaters



## SALES

Everything starts with the customer – our partner. We seek to understand your needs and expectations through the following order handling procedures:

### Direct order:

Order from our standard products series.

- Diverse and relevant portfolio
- Compliance ensured
- Short lead-times

### Customized order - Customized from our portfolio to your needs:

- Bespoke or retrofit
- Technical review
- Compliance ensured

### Special orders:

Design project and engineering.

- Wide range of applications
- Compliance ensured.

## ENGINEERING

As a preferred supplier to many of the best-known brands in the heating industry our team is well equipped to:

- Find the best solution to your needs.
- Ensure superior quality, high efficiency and long-life expectancy.
- Obtain the necessary compliance requirements and documentation.
  - Safety requirements
  - Design codes
  - Test requirements
  - Regulatory requirements

## TESTING AND INSPECTION

All our products are tested according to the regulatory standards, with controls like:

- Visual inspections of welds
- Hydrostatic testing
- Electrical tests

In addition, our quality assurance team is prepared to meet any requirement to satisfy your compliance requirements:

• Functional tests	• NDT by Notified Body
• 3rd. party witnessing	• VT
• FAT reports	• RT
• Quality reports	• PT
• Welding documentation	• MP



SEE THE PRODUCTS 

# MAXI MARINE ELECTRIC - MME

Unbeatable performance and lifetime economy



Maxi Marine Electric – is suitable for most marine hot water applications, and is heated either with the integrated electric INCOTEC immersion heaters, or via an external energy source and the TURBO MARINE SYSTEM with plate heat exchanger (optional capacity) and double sets of pumps for extra operational safety. The electric immersion heaters has customizable effect between 5-250kW, 230-690V.

The MME is equipped with thermostats adjustable from 40-70°C as standard. Thermostats 60-90°C is available as option. Please note that if 60-90°C thermostats are fitted the safety valve capacity must be recalculated to safeguard the higher energy output. Always ensure that the safety valve capacity is sufficient for the total energy output of the fitted heat source configuration.

All configuration is available for customization. Inspection openings available on request.

## ADVANTAGES

- Configurable to your needs
- Customizable electrical configuration (5-250 kW, 230-690V)
- 10 bar design pressure and high temperature water storage
- Class-leading corrosion resistance and long life expectancy
- Increase capacity with the TURBO MARINE SYSTEM heat exchanger (add-on)
- Flexible choice of energy source with TURBO MARINE SYSTEM (add-on)

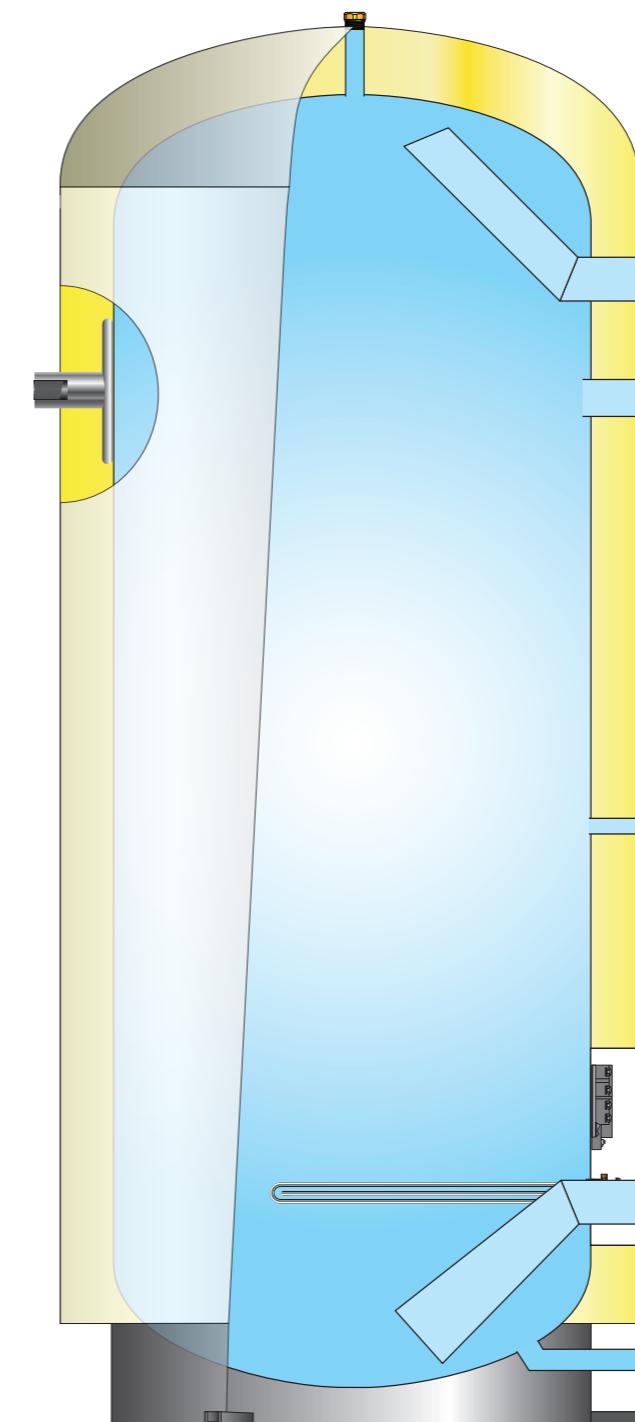
## TECHNICAL DATA

- Max operating pressure: 10 bar
- Max storage temperature: 90°C
- Standard volumes: 120 L - 15 000 L (Volumes can be customized upon request.)
- ISOFLEX insulation

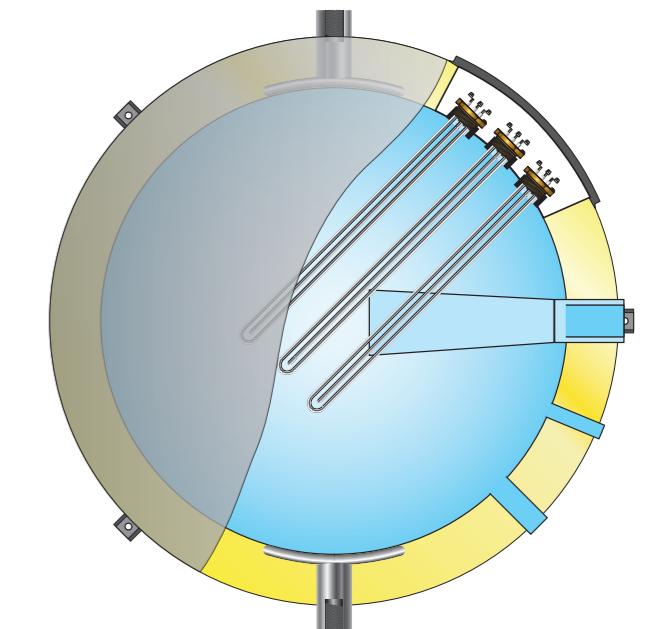
## COMPONENTS

- Safety Temperature & pressure valve 10 bar / 99°C (discharge capacity 146kW)
- Thermostats: adjustable 40-70°C, preset 60°C
- Heating elements: 3 x 5kW
- Drain (see table on next page)
- CW inlet/HW outlet (see table on next page)
- Optional: Mixing valve & external heat exchanger: See separate marine add-ons on page 22

Standard components shown. All components are open to customer specifications.



Maxi Marine MME 600 - side view



Maxi Marine MME 600 - top view

Tank volume	Drain size	CW inlet & HW outlet	Electric Configuration	Safety equipment	Other connections
120 L	1" male BSP	1 1/2" female BSP	3 x 5kW heating element	T&P valve 10 bar / 99°C - 1"	Hotwater circ. 1" female BSP Temp. Sensor: 1/2" female BSP
200 - 400 L	1" male BSP	1 1/2" female BSP	3 x 5kW heating element	T&P valve 10 bar / 99°C - 1"	Hotwater circ. 1" female BSP Temp. Sensor: 1/2" female BSP
600 - 1000 L	1" male BSP	1 1/2" female BSP	3 x 5kW heating element	T&P valve 10 bar / 99°C - 1"	Hotwater circ. 1" female BSP Temp. Sensor: 1/2" female
1500 - 15000 L	1" male BSP	2" female BSP	6 x 5kW heating element	T&P valve 10 bar / 99°C - 1"	Hotwater circ. 1" female BSP Temp. Sensor: 1/2" female BSP Air vent.: 1/2" female BSP

# MAXI MARINE COIL ELECTRIC - MMCE

Unbeatable performance and energy flexibility



Maxi Marine Coil Electric - MMCE is suitable for most marine hot water applications, and is heated either with the built-in smooth piped, scale-resistant heating coil, the integrated electric INCOTEC immersion heaters (configurable from 5-250 kW, 230-690V), or both in combination. This enables the use of an external energy source, such as surplus heat from the vessel engine cooling system.

The MMCE is equipped with thermostats adjustable from 40-70°C as standard. Thermostats 60-90°C is available as option. Please note that if 60-90°C thermostats are fitted the safety valve capacity must be recalculated to safeguard the higher energy output.

Always ensure that the safety valve capacity is sufficient for the total energy output of the electric elements and heating coil combined.

All configuration is available for customization. Inspection openings available on request.

## ADVANTAGES

- Configurable to your needs
- Customizable electrical configuration (5-250 kW, 230-690 V)
- Customizable scale resistant internal coil heat exchanger
- 10 bar design pressure and high temperature water storage
- Class-leading corrosion resistance and long life expectancy
- Increase capacity with the TURBO MARINE SYSTEM heat exchanger (add-on)
- Flexible choice of energy source with TURBO MARINE SYSTEM (add-on)

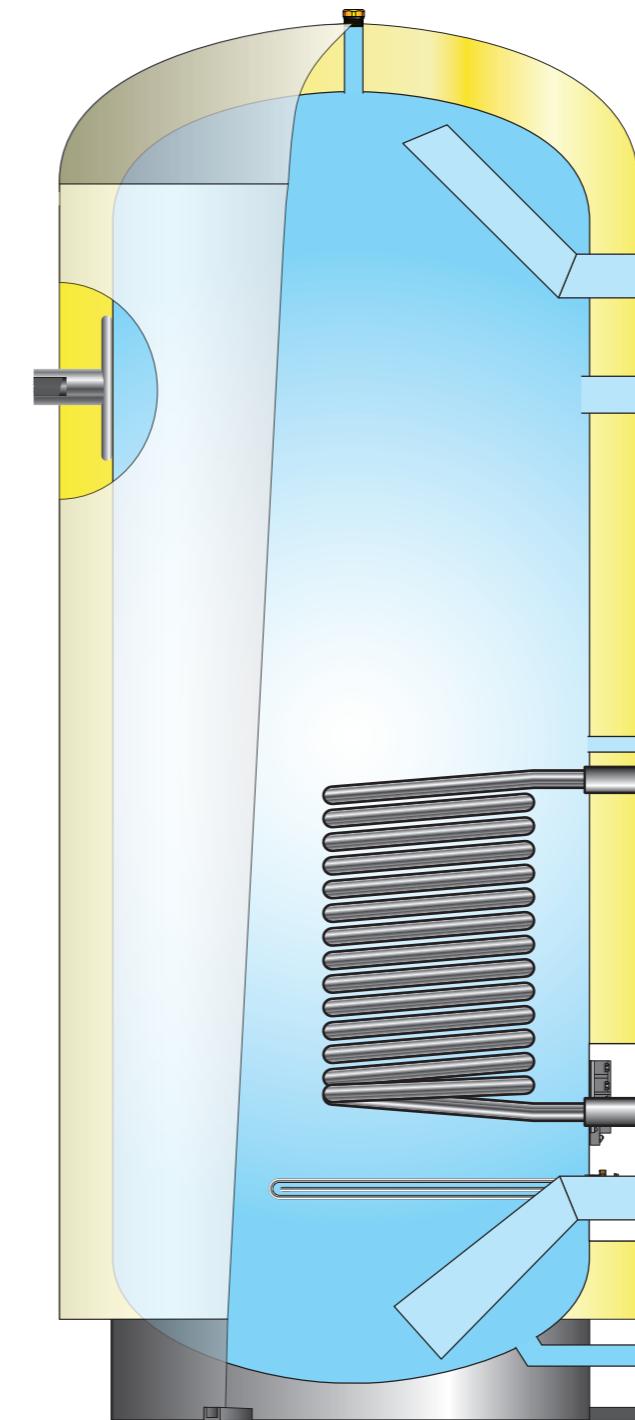
## TECHNICAL DATA

- Max operating pressure: 10 bar
- Max storage temperature: 90°C
- Standard volumes: 200 L - 15 000 L (Volumes can be customized upon request.)
- ISOFLEX insulation, Cellular rubber upon request

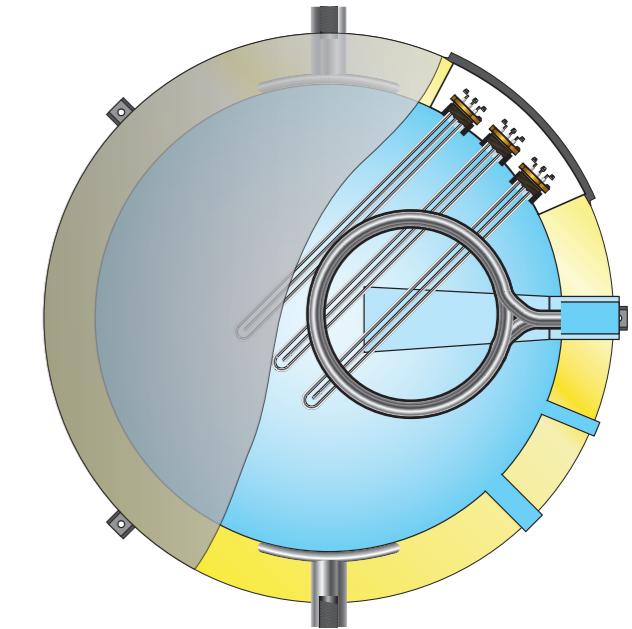
## COMPONENTS

- Safety Temperature & pressure valve 10 bar / 99°C (discharge capacity 146kW)
- Thermostats: adjustable 40-70°C, preset 60°C
- Heating elements: 3 x 5kW
- Scale resistant HEX coil
- Drain (see table on next page)
- CW inlet/HW outlet (see table on next page)
- Optional: Mixing valve & external heat exchanger: See separate marine add-ons on page 22

Standard components shown. All components are open to customer specifications.



Maxi Marine MMCE 600 - side view



Maxi Marine MMCE 600 - top view

Tank volume	Drain size	CW inlet & HW outlet	Electric Configuration	Coil Size	Safety equipment	Other connections
200 - 400 L	1" male BSP	1 ½" female BSP	3 x 5kW heating element	1 m <sup>2</sup> tube HEX coil	T&P valve 10 bar / 99°C - 1"	Hotwater circ. 1" female BSP Temp. Sensor: ½" female BSP
600 - 1000 L	1" male BSP	1 ½" female BSP	3 x 5kW heating element	1 m <sup>2</sup> tube HEX coil	T&P valve 10 bar / 99°C - 1"	Hotwater circ. 1" female BSP Temp. Sensor: ½" female BSP
1500 - 15000 L	1" male BSP	2" female BSP	6 x 5kW heating element	1.98 m <sup>2</sup> tube HEX coil	T&P valve 10 bar / 99°C - 1"	Hotwater circ. 1" female BSP Temp. Sensor: ½" female BSP Air vent.: ½" female BSP