



DTB-MP SERIE



MARINE BOILER

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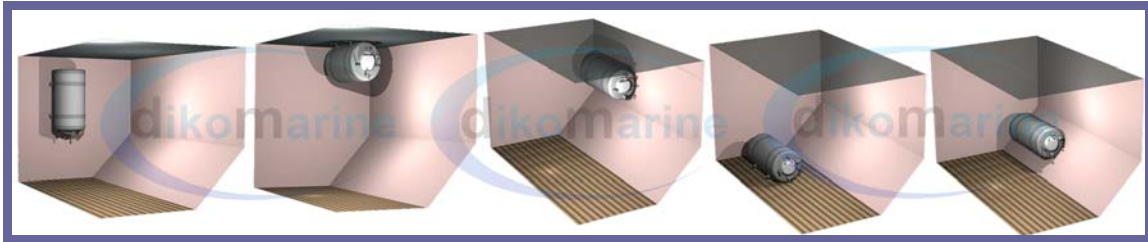
[DIMENSIONAL DRAWINGS](#)

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GENERAL SPECIFICATIONS

- Variable fitting options:



- 30 – 50 – 80 – 100 liter capacity range
- (30–80) °C scaled adjustable thermostat
- 65°C factory default setting
- Bi-methal safety thermostat (Hi-limit: 82°C)
- 800Watt – 1200Watt / 220-110V / 50-60Hz Electric heating power
- Heating System with the help of motor coolant Water (heat ex-changer)
- Safety valve with check valve
- Poliurethane insulation
- ASTM 304L Stainless steel inner tank
- ASTM 316L Stainless steel outer jacket
- Temperature and Pressure Safety Relief Valve Against excessive heat and pressure T&P _ ASME rated Imported/USA
- Drain Valve
- Marine Type Cable (Tin Coated)
- Smart Appearance
- Packing: Protective upper and lower styrofoam covers & nylon film
- 2 year product guarantee
- 10 year spare part supply guarantee



T&P Safety Valve



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PRODUCT DESCRIPTION

Dikomarine DRB-MP Series boilers serves you the happiness of hot water without considering how much energy is consumed. Boilers use the engine coolants as an energy source via circulating hot water through the heat exchangers immersed in the inner tank instead of the generator. The location of the heat ex-changer in the lower part of the inner tank provides max. efficiency.

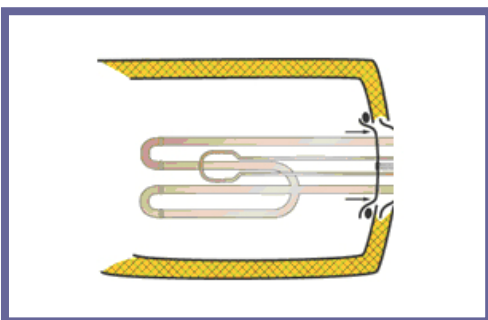


DTB-MP Serie boilers are specially designed for yachts with 30L, 50L, 80L and 100L capacity range, and with the aim of long service life.

- Special design exchanger form allows extra length and quick heating.
- Polyurethane foam insulation minimizes heat loses and maximizes efficiency.

Service thermostat is 30°-80°C (86°-176°F) adjustable. However it is 65°C factory set to prevent the growth of bacteria.

Considering the corrosive effects of the marine environment, highest quality ASTM 304L stainless steel material is used for the inner tank and ASTM 316L stainless steel for the outer jacket. So the water heater resist to corrosion in heaviest conditions even if its jacket or outer parts are scratched or damped.








Flange type heating element connection provides user friendly element re-changement during maintainance and service. This flange connection also acts like a hand-hole for the inner tank maintainance. However the standart heating element capacity is 800W, it is possible to produce the heaters with 1200-1500 and 2000W power range up on customer request (without additional charge). Round tank design withstands pressure much more than the square tanks.

Bi-methal, hi-limit safety thermostat, with automatic reset breaks the circuit at 82°C in order to assure protection against over heating. It will be in charge in case of a service thermostat failure or break down. Safety check valve mounted on the water inlet line keeps the water flowing back from the tank and guard the device from the harmful effects of low water level. Besides, it operates as a P valve and provides double safety against extraordinary pressure rises. T&P safety thermostat protects the inner tank against excessive pressure and temperature.

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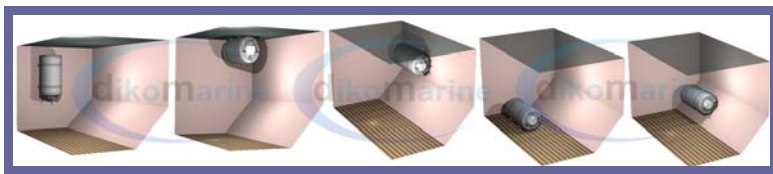


PLACE OF USAGE

-  Yacht
-  Boat
-  Caravan
-  Office and bureaus
-  Laboratory

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 DTB-MP SERIE DIMENSIONS 				
MODEL	DTB-30MP	DTB-50MP	DTB-80MP	DTB-100MP
CAPACITY	30 Liter	50 Liter	80 Liter	100 Liter
OUTER JACKET MATERIAL	ASTM 316L Stainless Steel	ASTM 316L Stainless Steel	ASTM 316L Stainless Steel	ASTM 316L Stainless Steel
INNER TANK MATERIAL	ASTM 304L Stainless Steel	ASTM 304L Stainless Steel	ASTM 304L Stainless Steel	ASTM 304L Stainless Steel
FITTING WAY				
STANDART HEATER POWER	800W	800W	800W	800W
VOLTAGE / FREQ.	220-240V/50Hz	220-240V/50Hz	220-240V/50Hz	220-240V/50Hz
COLD WATER INLET-OUTLET CONNECTION DIAMETER	1/2"	1/2"	1/2"	1/2"
HEAT EX-CHANGER CIRCUIT CONNECTION DIAMETER	1/2"	1/2"	1/2"	1/2"
HEAT EX-CHANGER CIRCUIT LENGTH	200 cm	240 cm	280 cm	300 cm
HEAT EX-CHANGER CIRCUIT SURFACE	1381.60 cm ²	1657.92 cm ²	1934.24 cm ²	2072.40 cm ²
DIA. X HEIGHT X WIDTH	400x430x570 mm	400X430X800 mm	400x430x1170 mm	420x450x1080 mm
Dikomarine reserves the right of changing the models and dimensions without announcing. It is possible to manufacture DTB-MP Serie without heat ex-changer circuit, incase of customer request.				

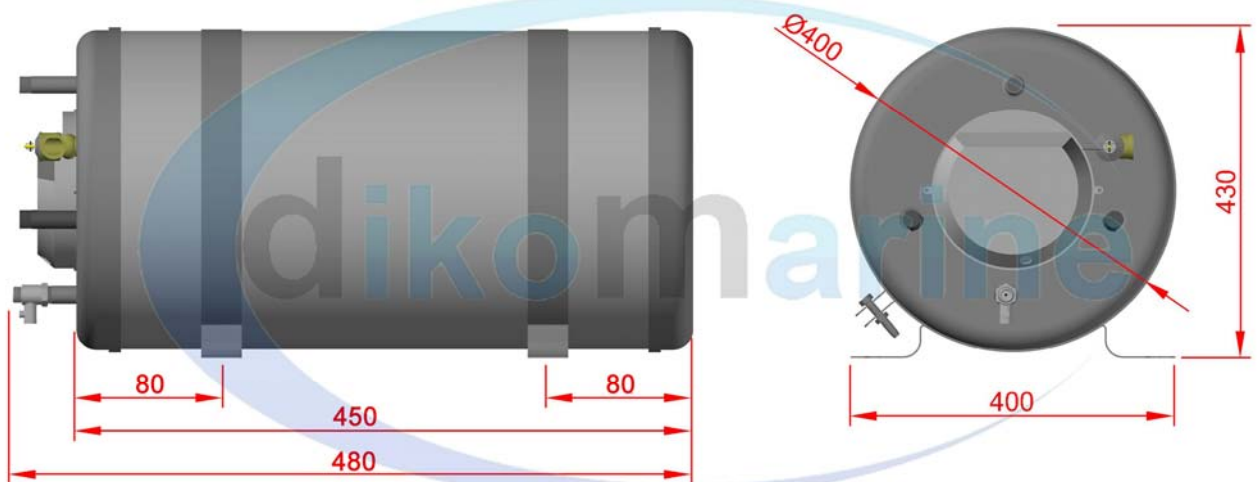
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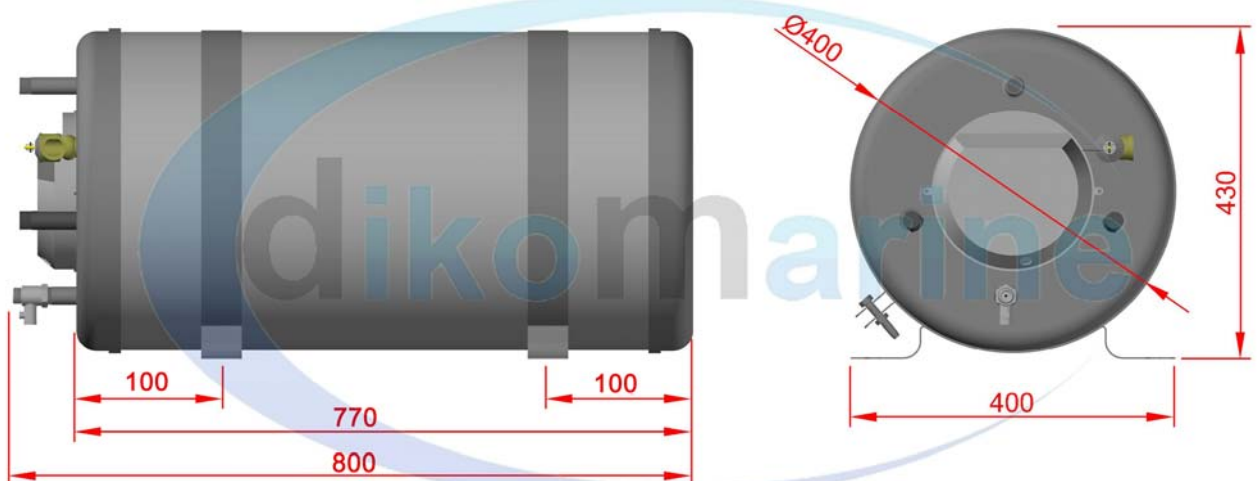
DIMENSIONAL DRAWINGS

DTB-30MP



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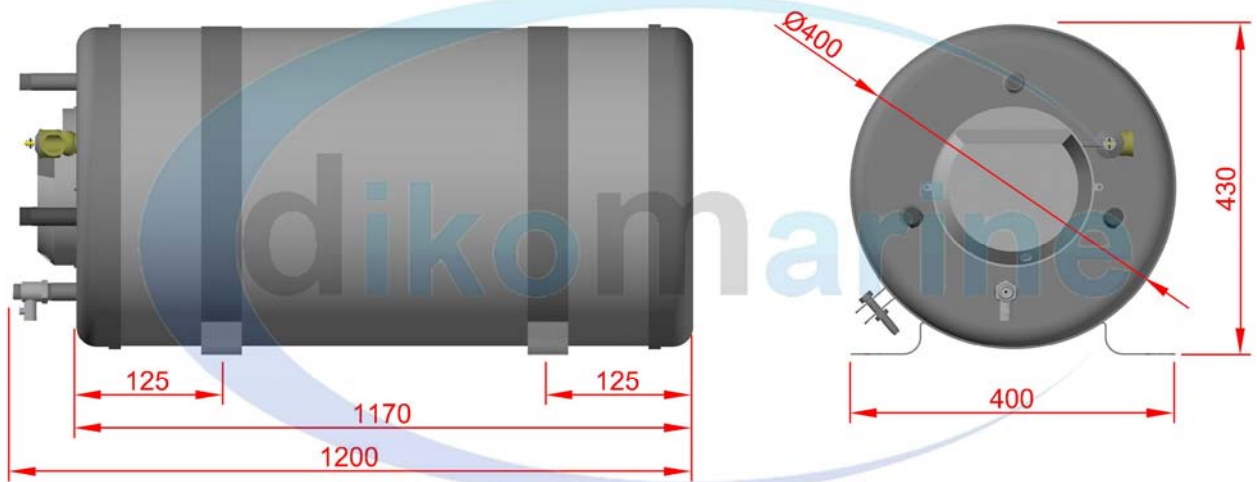
DTB-50MP



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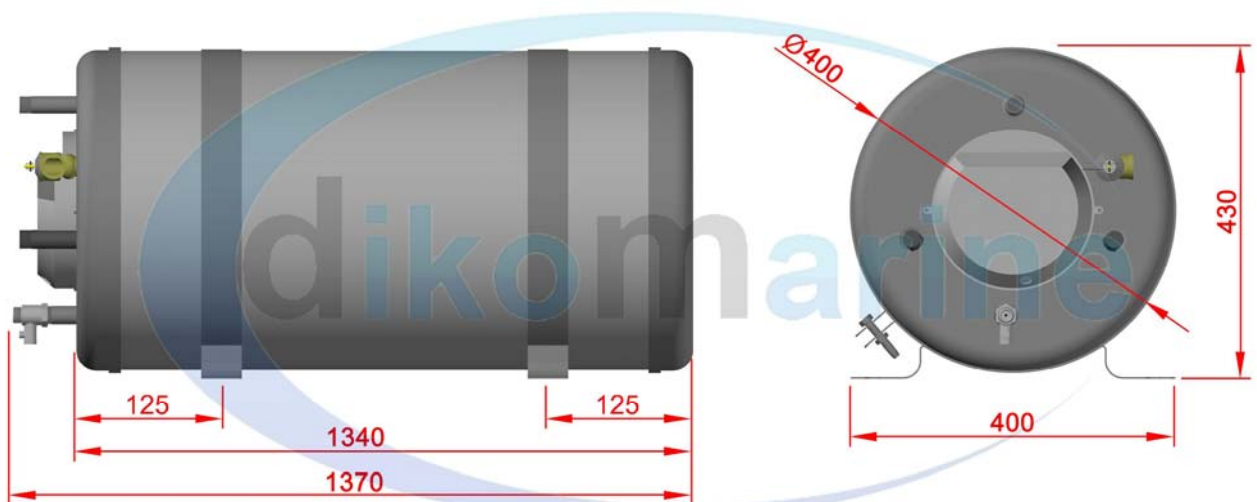


DTB-80MP



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DTB-100MP



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