

# Ultrasonic cleaners

## Marine Technic Ultrasonic cleaners



*The range of Ultrasonic cleaners is a proven efficient way to fit in with modern shipboard maintenance due to highly effective cleaning results with little manual intervention.*

**The cleaners are made from Stainless Steel 316, delivered complete with a SS basket and lid.**

**Heating and temperature controls are built on.**



**Marine Technic a/s**

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## Ultrasonic cleaner Model MT65 - MT150

Ultrasonic cleaning works on the principle of cavitation. High frequency sound waves are generated and introduced in the cleaning liquid as mechanical energy through a series of transducers fitted on the outside bottom of the Mini Tank and radiating upwards.

The process of ultrasound creates numerous tiny vacuum bubbles on the cleaning solution, which consequently implode. The energy released when tiny bubbles implode on the surface of the parts exposed to the cleaning solution causes an extremely effective cleaning force to the surface of the parts.

As the temperature of the cleaning solutions is directly related to the cavitation effect of the ultrasonic energy the Ultrasonic cleaners are delivered with built-in electrical heating elements complete with thermostatic controls. In this way an optimum combination of cleaning product (solution), temperature and ultrasonic power can be reached.

### Specifications of our 2 most common types:

	MT65	MT150
External dimensions (L x W x H)	550 x 350 x 760 mm	650 x 620 x 716 mm
Internal dimensions (L x W x H)	500 x 300 x 450 mm	600 x 500 x 500 mm
Capacity	65 litres	150 litres
Drain	3/4"	3/4"
Material	Stainless steel	Stainless steel
Frequency	35 kHz	40 kHz
Ultrasonic elements	8 pcs transducers mounted directly to tank bottom	16 pcs transducers mounted directly to tank bottom
HF-continuous peak per period	800 W	1600 W
Timer	0-15 min - Continuous operation	0-120 min - Continuous operation
Heating	1600 W, adjustable 30 - 85 c	2000 W, adjustable 30 - 85 c
Main supply	230 V - 50/60 Hz + N + PE	230 V - 50/60 Hz + N + PE
Connected power	1,95 KW	2,8 KW

Other specifications on request



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