

# ES Multifunction Tank for all your heating sources

**NEW!**

Combining the high  
and low temperature  
heating



## MWT 300.4 – 3 kW and MWT 500.4 – 3 kW

300 or 500 litre insulated for domestic heating  
and domestic water heating.



- Solar collector 10 or 15 meters
- The tank has 2 number 20 +20 meters DHW coils.
- Electric heater 3kW
- Connector for additional immersion heater
- Very well insulated
- Suitable for all heat sources
- 1/2 R50 sockets for electric heater
- Tank in stainless steel
- 1" connections

Developed in Sweden.  
Designed for the world.

 **E|S**<sup>®</sup>

V5 air / water heat pumps. Economic, comfortable and good for the environment.

## ES multifunction tank is designed with latest technology and is very well insulated to meet maximum energy savings

**By connecting an ES air/water heat pump to an ES Multi Function tank MWT 300.4 or 500.4 MWT the customer has a very modern energy systems, where the ES Multi functional tanks becomes the central hub for a modern heating system.**



The tank's dual domestic hot coils, totaling 40 m, the customer gets a very cost-effective heating system that includes both domestic hot water and domestic heating.

An existing boiler can be used as supplementary backup using the multifunction tank provides multiple connection options.

### Future-proofed energy

Through all possible combinations becomes ES multi tank technology is the

future-proof energy efficient solution:

- Prepared tank for solar heating via pre-assembled solar coils.
- Prepared for existing and future energy efficient heat sources through numerous connection possibilities in the tank.
- Designed with the latest technology and all tanks are very well insulated to provide maximum energy savings

### Thermostatically controlled immersion heater

Multi-functional tank has a thermostatically controlled immersion heater of 3 kW marketing from 30-75°C, which increases DHW temperature.

The electric heater placement in top of tank allows it to operate independently of other heat sources connected to the tank and is a backup supply that has the function to ensure that the temperature at the top of the tank is high enough to deliver higher temperature domestic hot water.

Electric heater in the top of the tank is not adapted to cover the entire heating needs of your waterborne heating system. The tank is adapted to the building's total heat demand. The ES Multi-functional tank stores the

energy efficiently from the building's heat sources and helps to reduce consumption for domestic heating as well as domestic hot water

ES Multi-functional Tanks also provide the option of adding one, or two, strategically positioned auxiliary R50 immersion heater in the tanks tank's middle and lower sections, of up to 9 kW. This can account for additional capacity if required along with the customers existing heat source.

### Quick facts

- Multifunction tanks can be used to connect a variety of sources such as; Water-jacketed stove cooking boiler, air/water heat pumps.
- Decreases the consumption of both Heating and domestic hot water.
- High grade insulation contributes to minimal heat loss
- Additional energy efficient rumen ekällor can later be connected to further reduce heating costs and in needs increase capacity

	MWT 300.4-3H	MWT 500.4-3H
Max water pressure	10 bar	10 bar
Max water temperature	95° C	95° C
Volume	300 litres	500 litres
Height	1560 mm	1850 mm
Diameter	630 mm	700 mm
Inner tank and coils	Stainless steel 304 and 316	Stainless steel 304 and 316
External shell	Stainless steel 304, painted	Stainless steel 304, painted
Insulation Polyurethane	Polyurethane 100 mm	Polyurethane 70 mm
Weight	95 kgs	120 kgs
Solar Coil	Stainless Steel 304	Stainless Steel 304
Solar coil length	10 m	15 m
Solar coil capacity	3 KW	4.5 KW
Domestic hot water coil 1 and 2 quality	Stainless Steel 304	Stainless Steel 304
Domestic hot water coil 1 and 2 length	20m+20m	20 m+20 m
Domestic hot water coil 1 and 2 capacity	13 kW	13 kW
Electric element	3 kW	3 kW
Article no	6875513	6875514

### Accessories

120131	ETW12-PRV-PM-AV	Expansion tank 12 litre enclosure, 2.5 bar valve, pressure gauge, air vent
120132	ETW18-PRV-PM-AV	Expansion tank 18 litre enclosure, 2.5 bar valve, pressure gauge, air vent
120178	EH 4,5-HPC/MT, 230/400v	Immersion heater R50, 4.5kW, 230/400V 3 phase, vp-styring and thermostat
120179	EH 6,0-HPC/MT, 230/400v	Immersion heater R50, 6kW, 230/400V 3 phase, vp-styring and thermostat
120180	EH 9,0-HPC/MT, 400V	Immersion heater R50, 9kW, 230/400V 3 phase, vp-styring and thermostat

