



**BL**

International Patent  
PCT/GR2019/000005

# PLASTIC WATER HEATERS

*Build your own W.H. according to the number of ENERGY SOURCES you have!*



**ZERO CORROSION**



# D.H.W. PLASTIC WATER HEATERS

**Mytherm** water heaters are unique in D.H.W. sector. They absolutely cover your needs for **heating, energy storage** (as buffer) and plenty of **sanitary hot water** supply. They are the ideal solution for plenty hot sanitary water as they can cover any need you have in hot water demand, from a house up to a hotel or to a large scale industry.

For any installation **Mytherm** water heaters is your solution, the **ONLY SOLUTION**.

The only water heaters which are **untouched** from SALT and other water compounds with **10 years GOLD WARRANTY**.

**Mytherm** buffers offer you **safety, longevity** and high **efficiency** since they operate under atmospheric pressure.

**Mytherm** water heaters minimize the thermal losses as they have a strong polyurethane insulation of 50 up to 100 mm thickness.

Depending on the source or energy sources you have, build your own water heater so that it fully satisfies you: **PELLET - BIOMASS - OIL - GAS - SUN - GEOTHERMY - HEAT PUMP** are some of your energy options, **ONE, SOME, or, ALL together**.

**Water heaters from ONE up to 4 INOX COIL EXCHANGERS**

## CAPACITY:

From 300 up to 5.000 liters

## D.H.W. PER HOUR:

up to 8.000 l/h

## NUMBER OF COIL EXCHANGERS:

**ONE** up to **FOUR**



They give you as much hot water as you want up to 8.000 liters.

- They don't require cleaning from sludge, salt and other components.
- Easy access to their interior.
- Easy exchangers replacement.

## CHOOSE YOUR D.H.W. WATER HEATER IN 3 STEPS

- Choose the buffer's type from how many liters per hour you need
- Add the exchangers you want in equal number with the energy sources you have
- Add if you want one or three phase electrical element and .... Leave the rest to us

## BL WATER HEATER, WITH ONE D.H.W. INOX COIL EXCHANGER TECHNICAL CHARACTERISTICS

WATER HEATER WITH ONE D.H.W. EXCHANGER	TYPE	300	600	800	1.000	1.250*	1.500	1.500*	2.000	3.000	5.000
DIAMETER / HEIGHT	mm	700/1350	750/1750	905/2100	1050/2100		1050/2400		1150/2200	1300/2600	1650/2700
W / L / H DIMENSIONS	mm					820/1950/1120		1050/2350/1120			
WEIGHT***	kg	65-77	83-102	107-130	124-152	180-232	168/215	233/308	208/266	245/311	315/400
D.H.W. PER HOUR (T=75°C)*	L/h	480	960	1300	1600	2050	2400	2500	3200	4800	8000
D.H.W. EXCHANGER SURFACE	m <sup>2</sup>	2,57	4,61	6,7	7,6	10,6	12,8	13,4	15,35	19	23,6
<b>SOLAR EXCHANGER</b>	<b>TYPE</b>	<b>300</b>	<b>600</b>	<b>800</b>	<b>1.000</b>	<b>1.250*</b>	<b>1.500</b>	<b>1.500*</b>	<b>2.000</b>	<b>3.000</b>	<b>5.000</b>
EXCHANGER SURFACE	m <sup>2</sup>	1,4	1,6	1,2	2,5	3,6	4,6	4,8	5	8,8	8,8
HYDRAULIC CONNECTION	inch.									1 1/4	1 1/4
<b>BOILER EXCHANGER</b>	<b>TYPE</b>	<b>300</b>	<b>600</b>	<b>800</b>	<b>1.000</b>	<b>1.250*</b>	<b>1.500</b>	<b>1.500*</b>	<b>2.000</b>	<b>3.000</b>	<b>5.000</b>
EXCHANGER SURFACE	m <sup>2</sup>	1,1	1,2	1,4	1,9	2,8	3,8	4	4,2	6,2	7,2
HYDRAULIC CONNECTION	inch.									1 1/4	1 1/4
<b>HEAT PUMP EXCHANGER</b>	<b>TYPE</b>	<b>300</b>	<b>600</b>	<b>800</b>	<b>1.000</b>	<b>1.250*</b>	<b>1.500</b>	<b>1.500*</b>	<b>2.000</b>	<b>3.000</b>	<b>5.000</b>
EXCHANGER SURFACE	m <sup>2</sup>	1,8	2,1	2,5	2,7	3,8	4,8	4,9	6	8,8	8,8
HYDRAULIC CONNECTION	inch.								1 1/4	1 1/4	1 1/4
<b>HEATING EXCHANGER</b>	<b>TYPE</b>	<b>300</b>	<b>600</b>	<b>800</b>	<b>1.000</b>	<b>1.250*</b>	<b>1.500</b>	<b>1.500*</b>	<b>2.000</b>	<b>3.000</b>	<b>5.000</b>
EXCHANGER SURFACE	m <sup>2</sup>	1,4	1,6	1,7	2,1	3,1	4,1	4,2	4,9	6,3	7,7
HYDRAULIC CONNECTION	inch.								1 1/4	1 1/4	1 1/4

### ELECTRIC RESISTANCE

VOLTAGE (Volt)	230	230/360
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\* Buffer's water on 75°C

\*\* Rectagunlar shape

\*\*\* Depends on the number of the exchangers



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