

MIK EUROPE



MIK EUROPE PIONEER IN SANITARY WATER SUPPLY

LEARN WHAT YOU NEED TO KNOW ABOUT WATER HEATERS and WATER STORAGE TANKS.

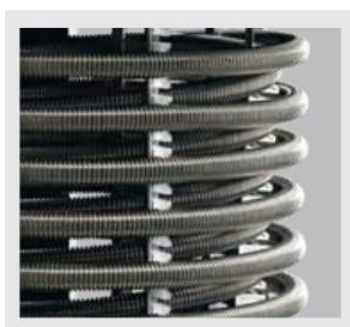
STAINLESS STEEL & PLASTIC SUPERIORITIES.

✓ ... Hygiene

✓ ... Life time

✓ ... Save money

... and much, much more



MIK EUROPE P.C.
Industrial area of Sindos
B.B. 40, Entrance C
P.O.box 1426
57022 Thessaloniki
GREECE
Telephone: +30 2310 710 008
Fax: +30 2310 722 560
export@mytherm.com

MIK EUROPE PA INDUSTRIES

MIK EUROPE , the leading Greek company in heating for the last 30 years, besides offering high quality products, focuses very much on quality of life and on the environment.

It is the mission of the company to offer products, like plastic tanks for hot water production, which protect the hygiene of consumers' lives.

For this purpose, the company has invested in the manufacture of hot water heaters plastic tanks with raw materials, the PP (polypropylene) and the STAINLESS STEEL , which are unique in D.H.W. sector, considering that the use of STEEL is outdated and harmful to the health of the citizens.

PHILOSOPHY OF THE PLASTIC TANKS WATER HEATERS

With pure goal the HYGIENE , we distinguish the water that transmits energy, from the water we use (D.H.W.) and that we often drink.

Inside the tank, there is a quantity of water that is permanent (stable) and does not change.

This water accepts the thermal energy, through STAINLESS STEEL heat exchangers , from any sources of energies we have as,

- √ HOT WATER BOILER (gas/oil/pellet/biomass/electricity)
- √ SOLAR PANELS
- √ HEAT PUMP
- √ GEOTHERMY
- √ ELECTRICITY

and after receiving the energy and warming it, offering it to end user via another D.H.W. STAINLESS STEEL exchanger.

In this way, the end user, uses clean, hygienic water, the same water that he drinks.

There is a clear separation of the water that is HEATED by the water we USE .

This is the basic philosophy of using the STAINLESS STEEL HEAT EXCHANGERS for the energy transmission.

But the effort does not stop at this point. MIK is also interested for the ENVIROMENT .

For this purpose use the plastic material (PP) , A FULLY RECYCABLE material as basic construction's material for its WATER HEATERS.

In this philosophy MIK and its R&D department invested looking at the future and focus to a better, healthier life in a cleaner environment.

MIK EUROPE protects the environment.



Against the well-known problems of STEEL TANKS :

- **DIRTS** from the continuous coating of salts and other unhealthy elements that **enter the human body**
- **MICROBIAL** existence
- **NEED** for frequent cleaning (extra service cost)
- **DIFFICULT** access to their interior (effect the service cost)
- **FAILURE** to replace the stable steel exchangers
- **LIMITED** life time due to corrosion
- **LOW EFFICIENCY** . Steel exchangers have low heat transfer coefficient instead of stainless Steel exchangers.
- **NOT FULLY** recyclable (Various chemical coatings are released into the atmosphere as combustion products)
- **LIMITED LIFE TIME** due to corrosion

the use of plastic PP, as a raw material, ensures us :

- **CLEAN , HYGIENE** fresh water without dirt , since the water that is used passes through stainless exchangers, and is the same water that we drink fearless.
- **ANTIMICROBIAL** protection against legionella.
- **UNLIMITED** life time because they are not eroded. We have ZERO CORROSION. The tanks are untouched from SALT and other water compounds offering you constantly high quality sanitary water for decades.
- **NOT GET STRESSED** because they work in atmospheric pressure, contributing to their long life time.
- **EASY**
 - ✓ **cleaning** and good conditions check
 - ✓ **access** to their interior (minimum service cost)
 - ✓ **replacement** of all stainless steel exchangers
- **MINIMIZE** the thermal losses as they have a strong polyurethane insulation of 60 - 75 mm thickness, saving money.
- **FULLY** recyclable

The plastic water heaters of MIK EUROPE are the ideal solution for plenty hot sanitary water as they can cover any need you have in hot water, from a house up to an hotel, or large scale industry.

The TOP QUALITY manufacturing materials and the tough quality control applied by MIK EUROPE in its products, give you the unique “12 years GOLDEN WARRANTY”.

Only MIK EUROPE can give this warranty.

With 10 models, from 300 up to 5.000 liters capacity and from two (2) up to five (5) INOX coil exchanger you can have as much as HOT, HEALTHY WATER you want up to 7.000 liters per hour. An unbelievable quantity , which satisfy ANY DEMAND you have.

CHOOSE YOUR D.H.W. BUFFER 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 resistance, and

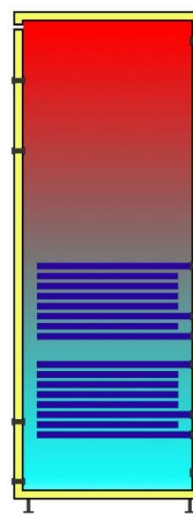
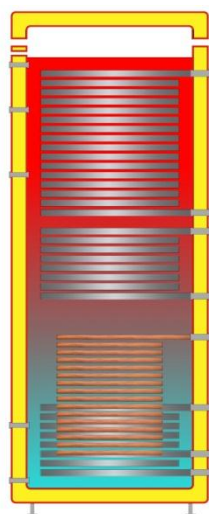
... Leave the rest to us



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COMPARISON TABLE

PLASTIC TANKS WITH INOX COILS - ANY STEEL TANK WITH STEEL COILS



BEHAVIOUR	SAVE MONEY	HEALTHY	<i>Mytherm</i> PLASTIC TANK	ANY STEEL TANK
Healthy sanitary water which does not collect sludge, rust and dirts over time	YES	YES	YES	NO
Antimicrobial protection	YES	YES	YES	NO
Environmental Protection	YES	YES	YES	NO
Sanitary Water is circulated on a stainless steel exchanger	YES	YES	YES	NO
The heated water enters the tank from the net, and IT IS NOT the same water with the consumed sanitary one.	YES	YES	YES	NO
Easy cleaning	YES	YES	YES	NO
Easy access for service	YES	YES	YES	NO
Easy heat exchangers replacement	YES	YES	YES	NO
Minimum heat losses, 2 oC per day when it is not in use	YES	-	YES	NO
Not get stressed (zero atmospheric pressure)	YES	-	YES	NO
ZERO CORROSION Unlimited life	YES	-	YES	NO



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