



Our Products

techno-system.it



40
YEARS

We exchange
heat since 1983

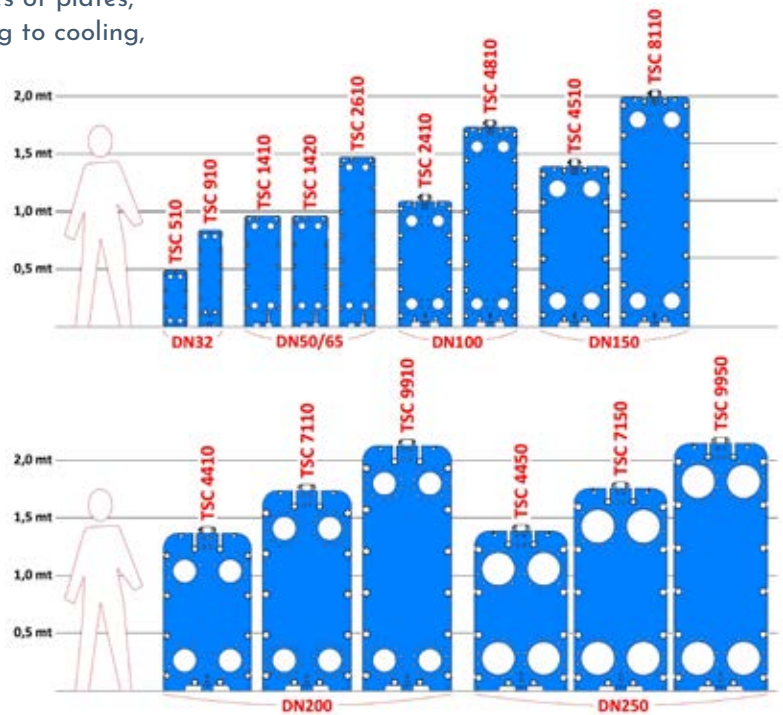


Gasketed plate heat exchangers

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The secret of Techno System heat exchangers 100% made in Italy?
It is the high turbulence, which increases the efficiency of heat exchange.
A wide range with 15 models and more than 25 types of plates, adapting to every heat exchange need, from heating to cooling, from DHW production to swimming pools.



History

- We design and build plate heat exchangers Made in Italy since 1983
- More than 40 years of experience in heat exchange
- Spare parts even for heat exchangers supplied in the 1980s
- Italian and international references

Quality

- Raw materials of European origin
- ISO9001 & PED certified company since 2002
- 24months warranty on the entire gasketed range
- Even for uncertified exchangers PED standard is guaranteed.

Customer Care

- Speed of answer and delivery
- App, online calculation software, support for design assistance
- Product and service flexibility
- Customized executions and special project management



SPECIAL APPLICATIONS

Plate heat exchangers for special applications. Stainless steel frames, customized connections, painting with RAL, customer selected cycles and much more.
They are used for food fluids and oils, for pasteurisation, for cooling, for heating. They can also be used with steam.



BRAZED

Consisting of an AISI 316L steel plate pack, brazed with copper and melted by capillary action in a special vacuum oven.
They are an alternative solution to the inspectable ones when working with clean fluids, when reduced overall dimensions are required and for small powers.

Always up to date, customer focused

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Pre-assembled moduls Plug&Play

Heat exchangers with integrated regulation for domestic hot water production, anti- legionella, swimming pool heating and heat recovery.



MD

Modern central units for instantaneous (MDI) or tank (MDA) production of DHW and for heating and cooling of swimming pools (MDP and MDS).

The control system with TS electronics and three-way valve on the primary guarantees precise, constant and efficient exchanger performance.

Already programmed, easy to install, and remotely controllable, this range of modules is available with AISI 316L and titanium plates, capacities from 20 to 700 kW, and can be customized with accessories.



ML

Modern control units for temperature management inside DHW tanks (MLA) and swimming pools with chlorinated (MLP) and salt water (MLS).

The simple regulation manages the switching on and off of the pump installed on the primary.

What is the advantage of such a system? Lower costs, quick delivery, efficient heat exchange.

Already programmed, easy to install, this range of modules is available with AISI 316L and titanium plates, capacities from 35 to 300 kW.



MR

Unique Techno System patent designed for energy recovery of chlorinated water (MRP) or salt water (MRS).

The TS electronic control system manages valves, meters and special heat exchanger with very high efficiency, recovering up to 90% of the available heat.

Designed for public swimming pool waste water, but can be combined with any application where heat recovery is essential.

Already programmed, easy to install, this range of modules is available with AISI 316L and titanium plates, usable on pools from 400 to 2,500 m².



LEGIONELLA ELIMINATION AND COST SAVINGS: WHY USE MDI MODULE?

- With MDI, you can produce DHW and you kill bacteria, with a unique system
- The treated water remains in the circuit, without wasting it and its energy
- Heat doesn't corrode pipings, so you save on maintenance
- No chemical components for better environmental and health protection
- No chemical disinfection, no chance of growth for resistant colonies of bacteria

Safety and quality first

Substations and skids

Thanks to forty years of experience and a team continually trained on new market solutions, products tailored to customer needs are born in the Techno System workshop.

Sub-stations for district heating, with basement execution and gasketed exchanger for high power, or wall-mounted with brazed exchanger for single or multi-family needs. Pre-assembled and provided with electronic regulation with the possibility of remote control, they are designed to last.

Techno System also produces heat exchange skids for oil cooling, or for thermoregulation of special fluids. Techno System is involved in every declination of heat exchange

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CERTIFICATIONS

ISO 9001:2015

Techno System has been ISO 9001 certified since 2002 and guarantees a manufacturing process that meets the highest quality standards.

Our solutions and products are always ahead of their time.

The in-house system guarantees full traceability even for heat exchangers supplied in the 1980s.

Traceability is a guarantee for product quality and service.



PED 2014/68/EU

PED 2014/68/EU is the European Pressure Equipment Directive that regulates components such as boilers, pipings, but especially heat exchangers.

In case of hazards of use (high pressures and temperatures, dangerous liquids) the PED obliges, by means of audits and CE marking, to use the best materials and executions to guarantee the safety of end users.

Techno System has been PED mod. H/H1 certified since 2002 and takes care of every supply. Even for uncertified exchangers PED standard is guaranteed.



CONTACTS

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A simple rule: innovation