



 Make your cool choice

Company profile

Our Company

Thanks to many years of experience in the field of cooling, **W-tech** designs and manufactures heat dissipation systems in line with the most innovative industry standards.

Innovation and Design

Our focus on market developments and customer needs has always led us to invest in innovation and research, with the aim of producing ever more advanced and efficient products. Our technical department is made up of highly experienced engineers who follow each specific project from offer to delivery, professionally guaranteeing a direct relationship with the end customer even in the after-sales phase. These peculiarities have determined the success of **W-tech** and given prominence to the quality of the brand in Italy and worldwide over the years.



The only machines made of Magnelis®

W-tech is the only company in the sector to manufacture machines in **Magnelis®**, a special sheet metal that stands out for its strength and environmental sustainability. The use of this coating allows **W-tech** machines to guarantee the same level of corrosion resistance as stainless steel with a significantly lower cost, greater workability and a lower environmental impact than other sheet metals.

Magnelis® is also an **ECOCOMPATIBLE** choice due to the lower use of zinc (compared to a pure zinc coating), its total recyclability and the absence of elements harmful to the soil.



Our Commitment

Quality

Every detail, starting with the materials used, is important for the efficiency, durability and functionality of the products. With a view to maximum reliability and overall quality, W-tech relies on the renowned Accredia certification body. The company is **ISO 9001:2015** certified and all products are **EC-marked**. Pressure systems, such as evaporative condensers, are **PED** (Pressure Equipment Directive) approved.

We have also member of the **CTI** (Cooling Technology Institute) for several years.



Innovation

Sustainable development depends on continuous innovation and for us, innovation is meaningless if it does not lead to sustainability and objective performance improvement.



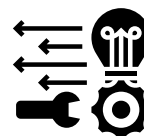
Sustainability

We believe that economic and environmental sustainability are interconnected: to achieve sustainability in one, we must think about both.



Leadership in solutions

We help our customers by providing efficient and safe solutions that offer comfort, ease of installation and maintenance. We invest in research and development in order to develop innovative solutions that keep pace with technological progress.



Evaporative cooling benefits

Evaporative cooling units are suitable for almost all applications and processes where cooling is required, significantly speeding up production time and performance. Among the main benefits are reduced consumption of natural resources such as oil, natural gas and water, and increased care for the environment. Another benefit is a decrease in greenhouse gas emissions from thermoelectric power plants and a reduction in noise emissions.

MAIN BENEFITS

- **POWER SAVING:** energy savings of 20% to 80% compared to an air machine.
- **Low** initial economic **investment**.
- **Low** environmental **impact**.
- **Lower water consumption**, compared to a leaking system.
- **Reduced acoustic impact**.



**Power
Saving
Solution**

What we do

For more than 10 years at W-tech, we have been designing and building heat dissipation systems using adiabatic technology such as **towers**, **coolers** and **evaporative condensers**.

Evaporative cooling

The proposed **solutions** are calculated and correctly sized according to the **operational requirements** of each individual project or market. We are able to provide adequate solutions to any cooling and heat dissipation problem arising from industrial processes, air conditioning systems (HVAC) or refrigeration plants.

Over the years, **products** have been **improved** with upgrades or redesigns to implement new technologies available on the market, making our systems state-of-the-art in terms of mechanical strength, durability, noise emissions and energy savings.



An **evaporative condenser** condenses a refrigerant gas from a gaseous to a liquid state. It flows through a coil from top to bottom, sprayed with water and countercurrent air. The refrigerant gas condenses and changes phase.



Evaporative towers are the best solution wherever there is a need to cool a large volume of water within industrial processes.



Evaporative coolers differ from evaporative towers in the use of a heat exchange coil for the primary process fluid.

What we do

Water treatment

As manufacturers of evaporative towers, coolers and condensers, we are aware of the need to install **water treatment systems** on board. This is why **W-tech** has developed **W-CARE** as a broad spectrum treatment system, acting both as an antiscalant, with a specific selective product, and as a biocide with a specific anti-algae and antibacterial product.



Air cooling

Dry coolers are applications where water is not required. The advantages are balanced by higher power consumption, compared to evaporative towers, larger installation area required and higher fluid outlet temperatures.



What we do

Predictive maintenance

Regular equipment maintenance ensures that the performance for which the machine was designed is maintained over time. Depending on the type of machine, W-tech has developed control plans that allow for short downtimes and long maintenance intervals between servicing.

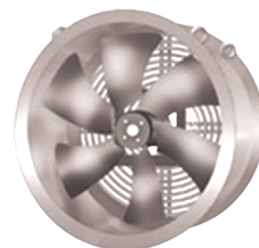
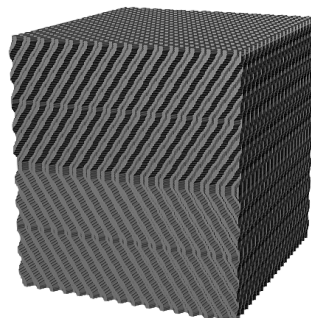


Technical support

In installations, despite all precautions and the best material used, breakdowns and interruptions can occur. W-tech responds reactively with its own technicians throughout Italy and in many foreign countries.

Spare parts

W-tech is able to offer spare parts for all its machine models and those of other manufacturers.



INNOVATIVE MATERIALS

We invest in the future through a research and development plan. This allows us to optimize processes and introduce the most innovative materials on the market in the construction of our products

CUSTOMIZATION

Each of our solutions can be customized based on the customer's needs, to offer the state of the art of heat dissipation.

WHY CHOOSE W-TECH?

CERTIFICATIONS

With a view to continuous quality improvement, our company is part of some of the most important world bodies and certification institutes.



CUSTOMER SUPPORT

We provide our experience to provide pre/post sales advice. We are able to provide solutions very quickly.

w.tech[®]

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