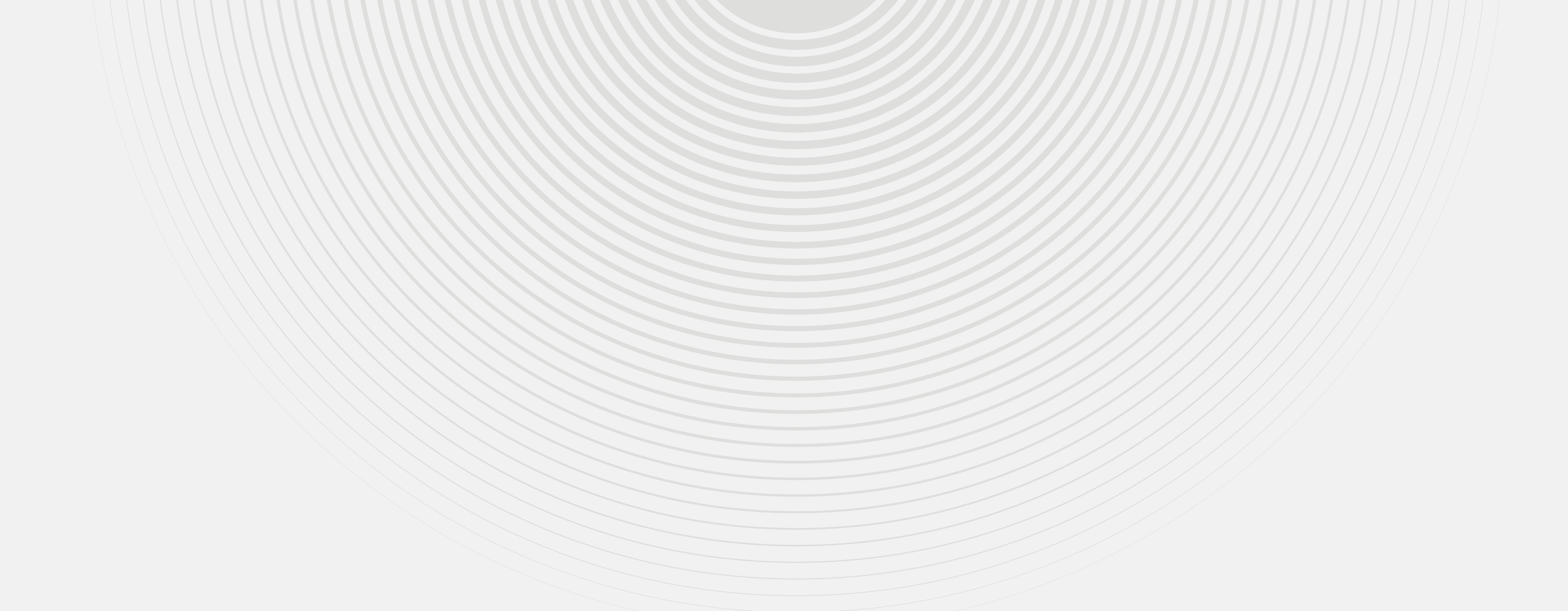




**MAKE YOUR COOL CHOICE**

Products overview

**w.tech<sup>®</sup>**

ENGLISH | Ed. 1

# ABOUT US

## EXPERIENCE, INNOVATION, RELIABILITY

For over 15 years, W-Tech has been designing, manufacturing, and maintaining custom-built cooling towers, evaporative condensers, and coolers for industrial cooling.

We use advanced materials such as Magnelis®, ensuring high performance, corrosion resistance, and environmental sustainability.

Our values are based on:

- Continuous innovation
- Certified quality
- Long-term reliability

Every project is designed to deliver outstanding performance, consumption efficiency and long-lasting performance, supported by a complete service which helps the customer from consultancy to maintenance.

# OUR WORK

## CUSTOMIZED SOLUTIONS FOR INDUSTRIAL COOLING

We design and manufacture high-performance cooling towers, evaporative condensers, and coolers, built with Magnelis® for superior and long-lasting protection.

All our systems are engineered to ensure:

- Energy efficiency
- Compact design
- Maximum operational reliability

Each solution is developed according to the customer's specific needs, integrating innovative materials and continuously investing in research and development.

## OUR KEY STRENGTHS

- ✓ Fully tailored solutions
- ✓ End-to-end support, before and after purchase
- ✓ Energy efficiency and environmental sustainability
- ✓ Innovative, ultra-durable materials
- ✓ Rigorous quality control
- ✓ Quick and optimized installation

# APPLICATIONS

## SUITABLE FOR EVERY COOLING REQUIREMENT

Our machines are used across major industrial and plant sectors:

- Refrigeration
- HVAC
- Industrial processes

Wherever there is a need to cool water or process fluids, W-Tech provides the most suitable, efficient, and long-lasting solution.

## PROTECTING YOUR INVESTMENT

### ADVANCED TECHNOLOGIES FOR MAXIMUM STRENGTH AND DURABILITY.

We design every machine to last, even in the most aggressive environments.

From the materials to the special treatments, everything is designed to reduce maintenance costs and increase reliability.

#### ► MAGNELIS®

The new frontier in corrosion protection

Eco-sustainable alloy with zinc, 3.5% aluminium and 3% magnesium.

- Up to 3 times more resistant than galvanized steel
- Active self-repair on cuts and bends
- An ecological and cost-effective alternative to post-galvanizing

#### ► Stainless steel versions (AISI 304L and 316L) available upon request

#### ► ADVANCED PROTECTION SOLUTIONS

##### • B-COAT

High-resistance multi-layer treatment for the water basin, protecting against impacts, abrasions and chemical agents.

##### • W-COAT+

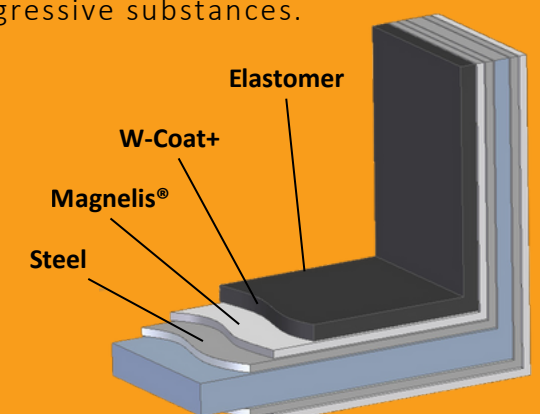
Polyester powder coating (standard RAL 9006) applied prior to assembly. Provides complete protection against UV rays, weather, and aggressive substances.

##### • 4Shields

Maximum protection:

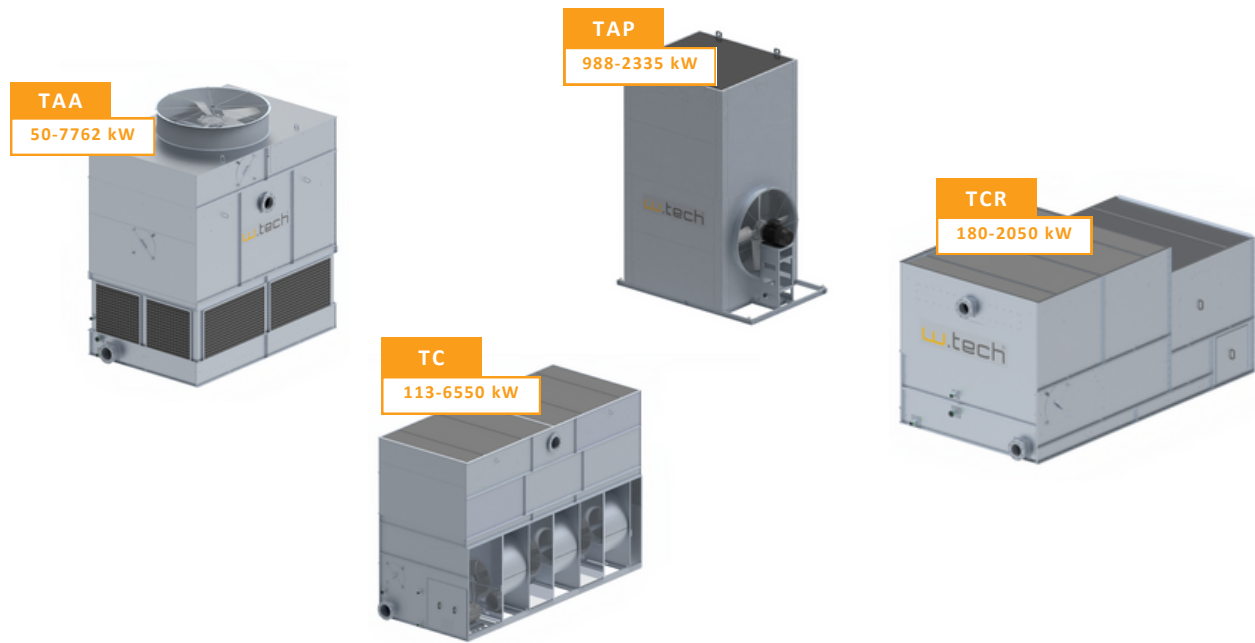
- Steel structure
- Magnelis® coating
- Electrostatic W-COAT+
- Elastomeric polyurethane barrier

**Result: no infiltration, no corrosion, zero problems.**



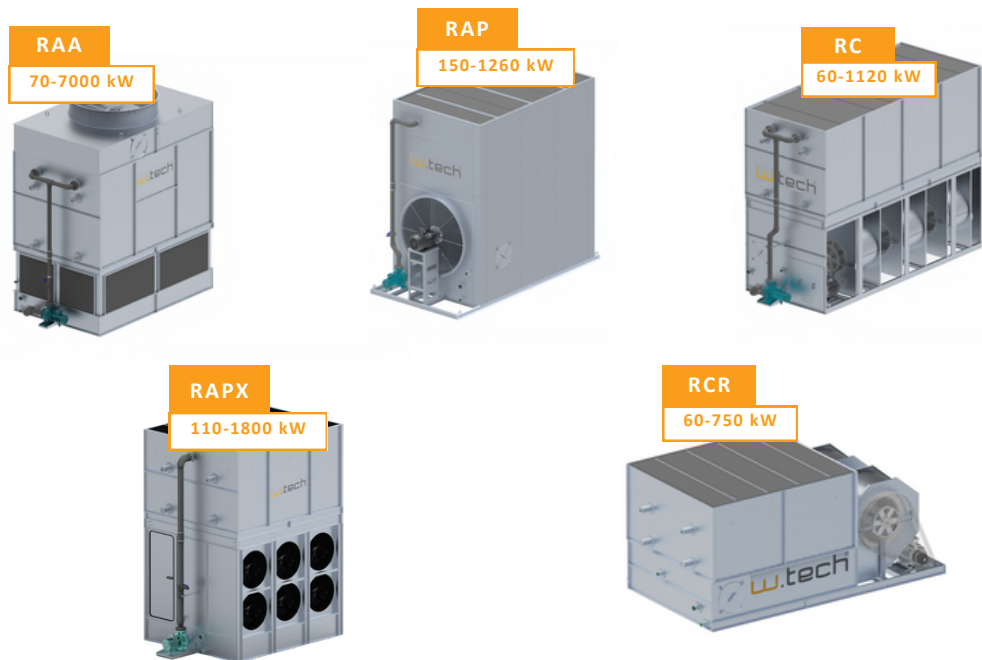
## COOLING TOWERS

W-tech evaporative cooling towers are synonymous with innovation and respect for the environment. Entirely made of Magnelis®, an eco-sustainable alloy that guarantees corrosion resistance and a unique self-repairing process. Our towers are the ideal choice for those seeking efficiency and durability. They are also perfect for environments rich in chlorine and ammonia.



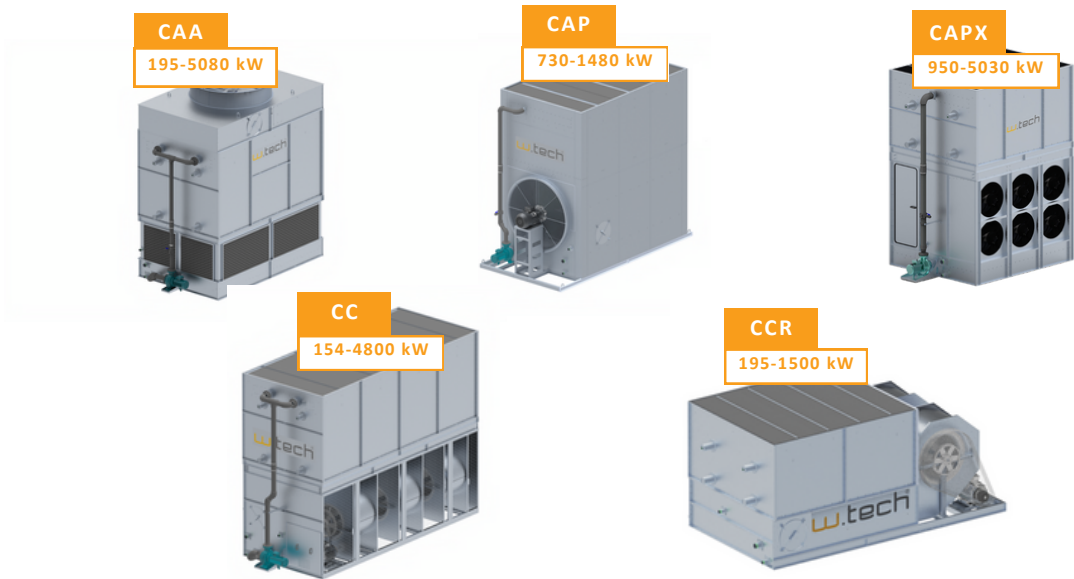
## EVAPORATIVE COOLERS

W-tech evaporative coolers represent excellence in industrial cooling, guaranteeing maximum efficiency, energy savings and a drastic reduction in operating costs. Thanks to the use of the innovative Magnelis® alloy, our coolers offer unparalleled corrosion resistance, even in the most aggressive environments. Ideal for industrial applications where the process fluid must be protected from external contamination.



## EVAPORATIVE CONDENSERS

W-Tech evaporative condensers are the ideal solution for dissipating high thermal loads with minimal water consumption. PED-certified and made of Magnelis®, a unique eco-friendly alloy, they provide excellent corrosion resistance even in environments with chlorine and ammonia, along with a self-repairing process for deformed surfaces.



## DRY COOLERS

Dry coolers, also known as air liquid coolers, are devices used to cool fluids without the direct use of water. Unlike evaporative towers or water-based systems, dry coolers operate through heat exchange between the fluid to be cooled and the outside air, thus avoiding water consumption. W-Tech dry systems can also operate at high ambient temperatures.



## NEW PRODUCT



### INTRODUCING **HYBRID**: the new generation **W-TECH** for maximum performance in every season

#### DRY INNOVATION, UNCOMPROMISING EFFICIENCY

The Hybrid line represents the evolution of W-Tech technology, designed to improve the performance of condensers and evaporative coolers in all climatic conditions, with particular advantages in the colder months.

The heart of the innovation is a copper and aluminium finned battery, strategically positioned above the machine. This element allows the fluid to be pre-cooled, reducing the load on the evaporative circuit and allowing the machine to operate mainly in dry mode during the winter.

**The result: minimum water and energy consumption, maximum efficiency.**

#### KEY BENEFITS

- Energy efficiency: lower power consumption and optimized energy use.
- Integrated anti-fog: the coil can heat outgoing air, eliminating plume effects.
- Sustainability: less water, less energy, more respect for the environment.

#### FULL COMPATIBILITY

The Hybrid line is compatible with the entire range of W-Tech condensers and evaporative coolers.

## WATER TREATMENT: **W-CARE** SYSTEM

To ensure optimal performance and extend the lifespan of our systems, we developed W-CARE, a comprehensive water treatment system that:

- Prevents scaling with a carefully selected, specific product.
- Fights algae and bacteria with a highly effective biocide.

Installing the right water treatment system is essential to protect equipment and reduce maintenance costs.



## OUR PRODUCTS

|                            | T<br>OPEN COOLING<br>TOWER | R<br>EVAPORATIVE<br>COOLER | C<br>EVAPORATIVE<br>CONDENSER |
|----------------------------|----------------------------|----------------------------|-------------------------------|
| AXIAL INDUCED              | TAA                        | RAA                        | CAA                           |
| AXIAL FORCED               | TAP                        | RAP                        | CAP                           |
| CENTRIFUGAL                | TC                         | RC                         | CC                            |
| CENTRIFUGAL<br>LOW PROFILE | TCR                        | RCR                        | CCR                           |

| AIR | CONDENSERS | DRY<br>COOLER | ADIABATICS |
|-----|------------|---------------|------------|
|-----|------------|---------------|------------|

### HIGH-EFFICIENCY MACHINES

| EVAPORATIVE<br>COOLER    | RAPX |
|--------------------------|------|
| EVAPORATIVE<br>CONDENSER | CAPX |

### HYBRID MACHINES

#### NEW PRODUCT

- AXIAL INDUCED
- AXIAL FORCED
- CENTRIFUGAL
- CENTRIFUGAL LOW PROFILE
- HIGH-EFFICIENCY

| R      | C      |
|--------|--------|
| RAA i  | CAA i  |
| RAP i  | CAP i  |
| RC i   | CC i   |
| RCR i  | CCR i  |
| RAPX i | CAPX i |

## CONTACTS

DISCOVER HOW WE CAN HELP YOU TO IMPROVE  
YOUR PLANT EFFICIENCY

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