AQUATECH®

WATER MIST



The power of a water drop.





1998

Just a few years earlier, we had begun to take the **first steps** in the fire fighting market. Very soon we understood that our fight against the fire had to go far beyond the control and the suppression of the flames. Firstly, we wanted to protect people, goods and nature.

We realized that the most widespread **fire prevention measures of the time were about to destroy the environment**. The same environment we were trying to protect from the devastating effects of the fire.

It was then that we found out that the solution we were looking for was right there, in front of our eyes. **Nature was showing us** the way with a very **simple** and extremely **effective proposal**: the **atomized water**.

So, **20** years ago we started a research path for the engineering of our own Water mist technology. We have been among the first ones in Europe to believe in the potential of this innovative fire fighting solution, already tested by the nature.

Today

Now we are a team of **fire technologies specialists** and we would like you to discover, through our experience, the **unmatchable advantages of the Water mist system**.

We introduce you a product, the result of years and years of investments, researches, analysis and tests, which obtained national and international certifications, with thousands of customized solutions all over the world.

Here it is, our leading product:

Aquatech®, the Water mist.

Aquatech®: the power of a water drop.









Aquatech® vs Sprinkler

Water mist Aquatech® installations are lighter, faster, more compact and long lasting. Aquatech® weighs 85% less than a Sprinkler system, since it requires less nozzles, smaller piping and is made of high quality materials.

The compact design of Aquatech® nozzles and the minimum need of water reservoir (customizable in terms of capacity and size) allow a low architectural impact and the greatest design freedom to architects and interior decorators.

AQUATECH® BENEFITS



Aquatech® is our best achievement:
a 100% eco- friendly advanced
technology, capable of replacing
even the most effective fire fighting
systems, for the control and
suppression of any kind of fire.
Our clients all over the world say
that Aquatech® Water mist offers an
excellent cost/benefit ratio.

By choosing Aquatech® you can benefit of:

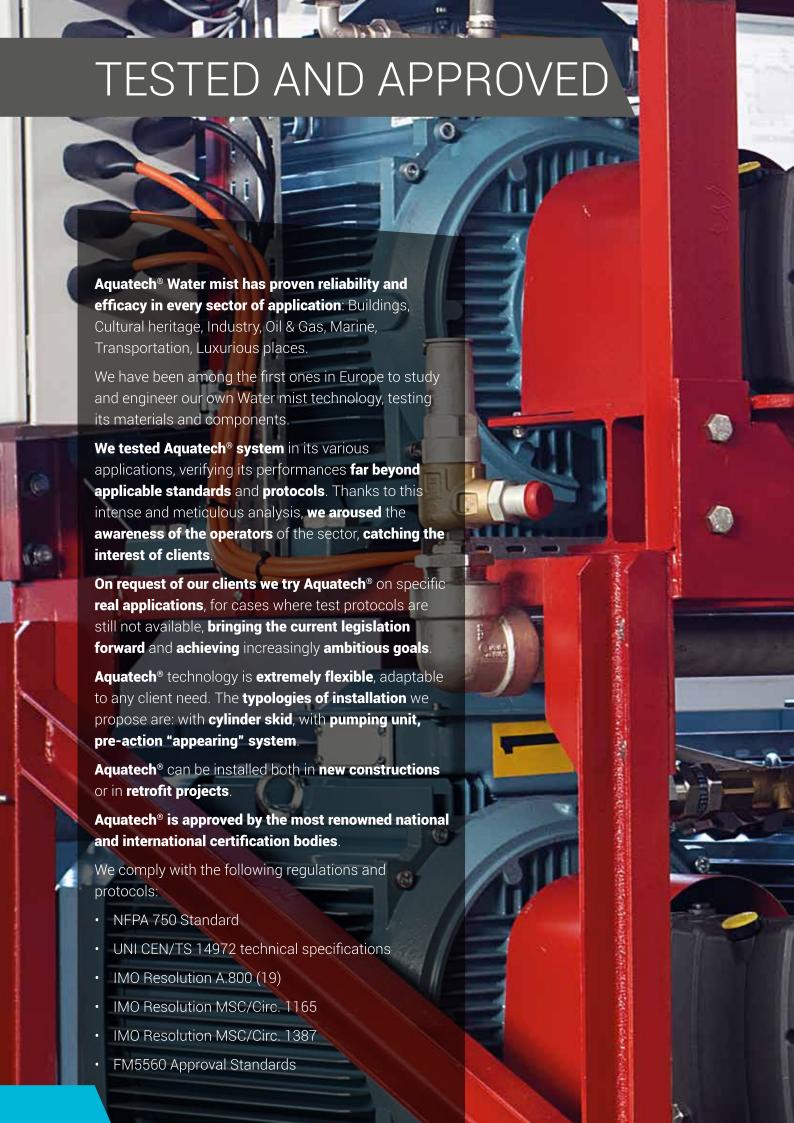
- **\$ Minimum use of water**
- \$ No building and furniture damages
- \$ System reduction of weight and size
- **\$ Low maintenance costs**
- \$ Minimal business downtime

Aquatech® vs Gas

Just like a Gas, **Aquatech® operates by total flooding**, penetrating fire even in the tightest spaces, **removing** the **oxygen** from the combustion area. Moreover, the **Water mist** technology **reduces** the **radiant heat** from the heart of the fire and **inhibits smokes**.

Unlike the gas systems, **Aquatech**® can be discharged **in human presence**, has no enclosure integrity requirements and **does not need disposal operations**.

Aquatech® replaces Gas systems also in the cases when the traditional Water solutions are not appropriate.



COMPONENTS AND APPLICATIONS



To ensure the satisfaction of the **highest performances**, we entrust every project step of **Aquatech**® to the **expertise** of **our engineers**, who work in constant and mutual support with the **Research and Development department**, aiming at the **optimization** of every single **component** of all **Aquatech**® systems.

Every detail is crucial for us. For this reason, we choose to personally **manufacture** even the **key components** of our systems, from the nozzles to the valves, ensuring to our clients that every step of the production is verified and checked by our specialized technicians.

Every **Aquatech**® solution is **evaluated** in **our laboratories** and in the **test field** with **real-scale simulations**.

Components:

AQUATECH® NOZZLES
 the smallest on the international market

Open nozzles
Closed nozzles equipped with
heat-sensitive bulb
Concealed nozzles

"TWIN FLUID" VALVE

- STAINLESS STEEL PIPING AND FITTINGS
- SORTING VALVE AND ZONE VALVE in corrosion resistant stainless steel
- PRESSURIZATION SYSTEM
 Aquatech® GAP with pumping unit
- Aquatech® GAB with cylinders unit

Applications

Building and Cultural heritage

- Hotels, shopping malls and hospitals
- Churches and cathedrals
- Theatres and museums
- Libraries and archives
- Warehouses and deposits
- Car parks
- Kitchens
- Data centers and technical rooms

Oil & Gas and Industry

- Turbines
- Generators and transformers
- Cable tunnels
- Electric cabinets
- Conveyor belts
- Transformers and electric substations
- PC and telecommunication rooms
- Engine rooms
- Oil tanks

Marine & Offshore

- Engine rooms
- Accommodation areas
- Ro-ro decks
- Galleys and deep fat fryers
- Balconies
- Hangars
- Bilges

Transportation and Infrastructures

- Galleries and tunnels
- Hangars
- Train and underground stations
- Airports
- Trains

Luxurious places

- Boutiques and show rooms
- Yachts and cruise ships
- Historical buildings
- Luxurious areas



