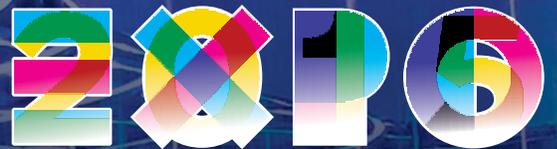




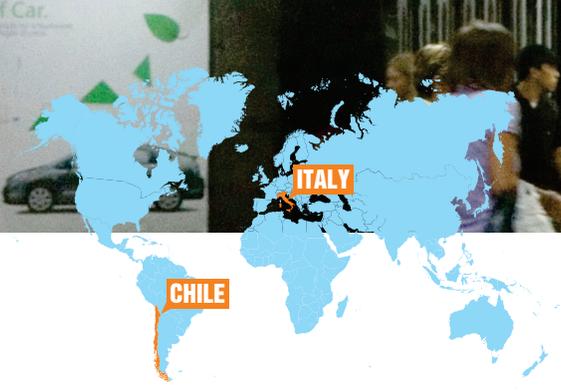
MISTING THE



MILANO 2015

tecnocooling®





Tecnocooling can boast a long and fruitful business relationship with the city of Milan. The Milan Metro Station mist cooling system dates back to 2008. A twin system had been installed in 2009 in Santiago del Chile.

DRIVEN BY EXCELLENCE

Here at TecnoCooling we are proud to make great products.

Since 1979 we offer the widest range of high pressure equipment and misting solutions on the market.

We are engaged every day to study innovative products that allow us to be your first choice in the world of misting.

Our strength derives from our experience, commitment to customer's needs, a comprehensive product portfolio and a global presence.

We are constantly focusing on innovating.

We don't settle for anything less than excellence.

TecnoCooling
Website



TecnoCooling
Video gallery





MILANO 2015

OUTDOOR COOLING



U.S.A. Pavilion

The U.S. EXPO 2015 pavilion included a restricted **VIP Lounge** area, where First Lady Michelle Obama gave her speech. The VIP Lounge area was located under the pavillion's roof, as well as the visitors' area nearby.

These outdoor areas feature **two TecnoCooling mist cooling systems** run by Evolution-Time pumps with high precision timer and anti-drip nozzles.

- Evolution-Time pumps
- High Pressure polyamide pipeline
- Double nozzle slip-lock fittings

Nozzles installation detail





MILANO 2015

OUTDOOR COOLING



KAZAKHSTAN Pavilion



Kazakhstan has been the coolest pavilion at EXPO, no compromises, no easy effects, but a storm of I-Coolers cooling the temperature down all around the outdoor area, relieving the **queues stress**.

They have been extensively used during Kazakhstan National Day, attended by President Nazarbayev.

- I-Cooler portable mist cooling fan
- Inverter technology (VFD)
- High Pressure @ 70 BAR - 1000 PSI

I-Cooler in action cooling the queues



2015 featured one of the hottest summers in Italy. In July and in August the peak temperatures have been higher than 40°C (104° F).





MILANO 2015

OUTDOOR COOLING



RUSSIA Pavilion

The Russian EXPO 2015 pavilion featured several **movable 24 inch mist cooling fans** installed all around the outdoor café.

The core of this system has been one Evolution-Time pump as being able to run all the satellite fans. Polyamide tubing and slip-lock fittings helped to perform a quick and smooth installation.

- 3 speed axial mist cooling fans on movable pedestals
- Evolution-Time pumps
- High Pressure @ 70 BAR - 1000 PSI

60 cm. (24 inch) fans cooling the café



The Italian Prime Minister Matteo Renzi welcomed President Vladimir Putin during the Russian National Day celebrations held at Russia Pavilion on June 10th.





MILANO 2015

OUTDOOR COOLING



POLAND Pavilion

The Expo 2015 Polish Pavilion featured several **polyamide misting pipelines** installed on the large umbrellas in the outdoor sitting area.

Despite July high temperatures, **having a drink outdoor** was not a problem for the many visitors attending the Italian Exhibition.

The mist nozzle provided a cool and refreshing mist jet releasing thin droplets of about 10-20 micron in size, with a fast evaporation rate.

- Evolution high pressure pump
- Polyamide high pressure pipeline
- 70 bar fine mist cooling



Easy and effective mist cooling





MILANO 2015

HUMIDIFICATION



CHILDREN Park

The park provided an area for children, where they enjoyed activities and educational games.

Drop by drop at Children Park: in this area children collected and poured water to bring flowers and plants to life with spectacular mist effect provided by TecnoCooling systems.

Our systems supplied humidification and cooling to plants in the hot climate featuring the 2015 Italian summer.

- Evolution-Time high pressure pump
- Polyamide high pressure pipeline
- Flexible extensions
- 70 bar (1000 psi) professional misting



3 in 1 - Humidification, Cooling, Landscaping





MILANO 2015

OUTDOOR COOLING



McDONALD'S Pavilion

McDonald's restaurant in EXPO 2015 had an extensive outdoor area to accommodate the many visitors looking for a quick meal. We wish that many guests took the opportunity of enjoying cooling to extend their stay!

- I-Cooler portable mist cooling fan
- Oscillating fan with 8/9 meters throw
- High Pressure @ 70 BAR - 1000 PSI

I-Cooler in action cooling the restaurant and café



Several **I-Cooler portable fans** had been installed all around, surrounding the tables and providing a cool breeze.



Mc Donald's was one of the official sponsors of Milan 2015 EXPO.





MILANO 2015

SPECIAL PROJECTS



COFFEE Cluster

The **Coffee Cluster** narrates the past, present, and future of coffee.

TecnoCooling misting system has been installed to provide automatic **humidity control** and **heat stress relief** in the coffee greenhouse successfully replicating the subtropical indigenous climate even with very variable Italian climate.

Poretti is a leading beer producer, its pavilion featured an outdoor installation with a TecnoCooling misting system for the **perfumes spraying**.

- Evolution-Time high pressure pump
- Polyamide high pressure pipeline
- Dosing pump
- 70 bar (1000 psi) professional misting



PORETTI Pavilion

Humidification, Cooling, Fragrances





MILANO 2015

WATER DESIGN

IN+OUT



LANDSCAPING

WATER Design 2015



Water Design moved from Bologna to Milan for the 2015 Expo. Several installations, designed by internationally acclaimed architects, have been brought in the heart of the city.

The **“Clear Sweet Fresh Water”** installation designed by Antonio Citterio and Patricia Viel, around the central pool, has been a contemplative set, dedicated to water and well being.

Outdoor **landscape lighting and misting** systems are two of the tools available to alter and adapt the environment of each Exterior Concepts outdoor living space. The low-voltage outdoor landscape lighting is an intimate and aesthetically pleasing effect. Misting systems create a more appealing environment on hot summer days by emitting a gentle cool mist.

Our POLYAMIDE Tubing and push-in Fittings along with TCN Mist Nozzles and FOG Pumps have been installed by a team of professionals to build up the most attractive project of this event.

Outdoor landscape lighting & misting





EXPO 2020 إكسبو 2020
 دبي، الإمارات العربية المتحدة
 DUBAI, UNITED ARAB EMIRATES



SPECIAL PROJECTS



Mushrif Park UAE

Expo Milano 2015 passed the baton to the next Universal Exhibition to be held in Dubai in 2020.

TecnoCooling is already there with many installations. The new **Abu Dhabi** Mushrif Park features **humidification** and **landscaping** systems providing relief to plants and people from the **desertic climate conditions**.

- NT-FOG heavy duty pumps
- Fog cluster fittings on top of flexible extensions
- Customized installation

Greenhouse cooling and humidification



*In the UAE summers are extremely hot.
 The highest recorded temperature in Dubai is 52.1 °C
 (126 °F) in July 2002.*



Outdoor Cooling
Cooling Fans
Pre-cooling
Raffrescamento
ambienti esterni
Ventilazione fredda
Precooling

Humidification
Greenhouses
Livestock
Umidificazione
Serre
Allevamenti

Odor and Dust
suppression
Abbattimento
polveri e odori

Special Effects
Effetti scenografici

tecno  **cooling**®

TECNOCOOLING
Via Canale, 114 Loc. Villalunga
42013 CASALGRANDE (RE) - ITALY

T. +39-0522840805
F. +39-0522849962
info@tecnocooling.com
www.tecnocooling.com

www.tecnocooling.com