

rain  time GmbH®

Mist technology & water features

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wet fun

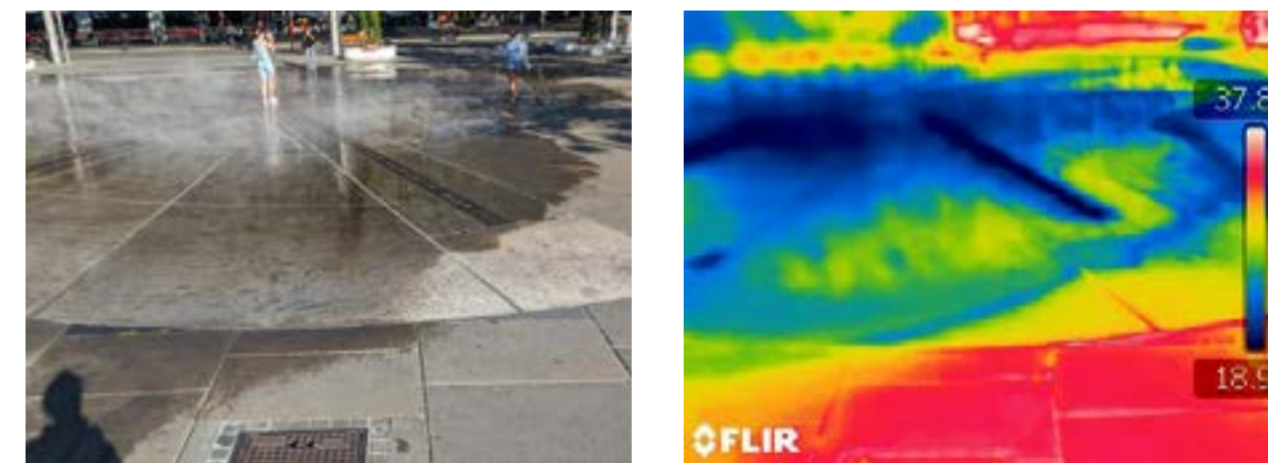
Fog is the basis for
sustainable climate
oases in the city.

Alfred Janousek
Owner and Managing Director of Raintime GmbH

RAINTIME is an Austrian master craftsman company with 25 years of experience in the fields of irrigation and fogging technology.

Our experts develop customised solutions for your project – from conception to detailed planning and implementation – from private gardens all the way up to large-scale projects.

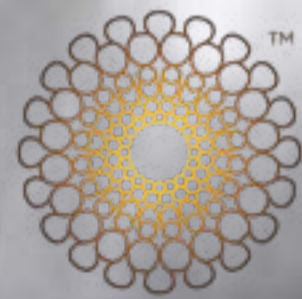
Thanks to our own new AquaSaal development, we can combine high-pressure fog and water fountains with LED lighting in a single component – ideal for resource-saving water features with a cooling effect in urban areas.



This thermo-graphic image of Vienna's Praterstern clearly shows how effective the cooling system actually is.

We look back with pride on major projects such as EXPO 2020 in Dubai or the water feature at Vienna's Praterstern and look forward to many more projects for a more liveable and climate-friendly city.

GROW WITH WATER



EXPO
2020
DUBAI
UAE



EXPO
2015
MAILAND

In the Austria and Singapore pavilions at Expo 2020 in Dubai, we installed over 60 fans with Dry Mist systems and installed several fog effects. A high-pressure misting system in the entrance area and cooling fans with misting in the pavilion itself provided noticeable cooling of five to ten degrees Celsius.

At EXPO Milan 2015, we designed, planned and supplied the fog system for air cooling and fog effects as well as the irrigation system for the Austrian pavilion.

take a deep
breath

Fog for a better urban climate

Photo: sascha.jakob@unart.com

Neubaugasse Zieglergasse

Vienna

Scope: Cool mile – 800 m

Year: 2020 Technology:   



© Weinhäupl Architekten, 2018



Calafatiplatz Prater Vienna

Scope: 2,600 m²

Year: 2019 Technology:    



Seestadt Vienna

Scope: 250 m²

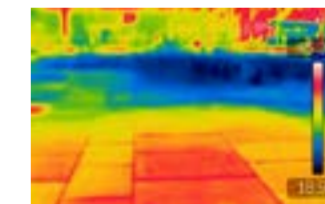
Year: 2023 Technology:   



Praterstern Vienna

Scope: 500 m²

Year: 2022/23 Technology:    



The thermal image shows the enormous cooling effect

Fountains



Photo: sascha.jake@unart.com

ESTERHAZYPARK
VIENNA



In the centre of the park is a 30 m² "Coolspot" – a circular, planted and shaded area with fog nozzles. These cool the ambient temperature by as much as 6 degrees.

cool
spot

ZIEGLERGASSE
VIENNA



Mist showers provide passers-by with a gentle mist of water that noticeably lowers the ambient temperature. These practical facilities not only provide refreshment, but also contribute to the beautification of the urban ambience and help to alleviate heat stress.

Sustainable climate oasis



Photo: sascha.jakab@unart.com

PRATERSTERN
VIENNA



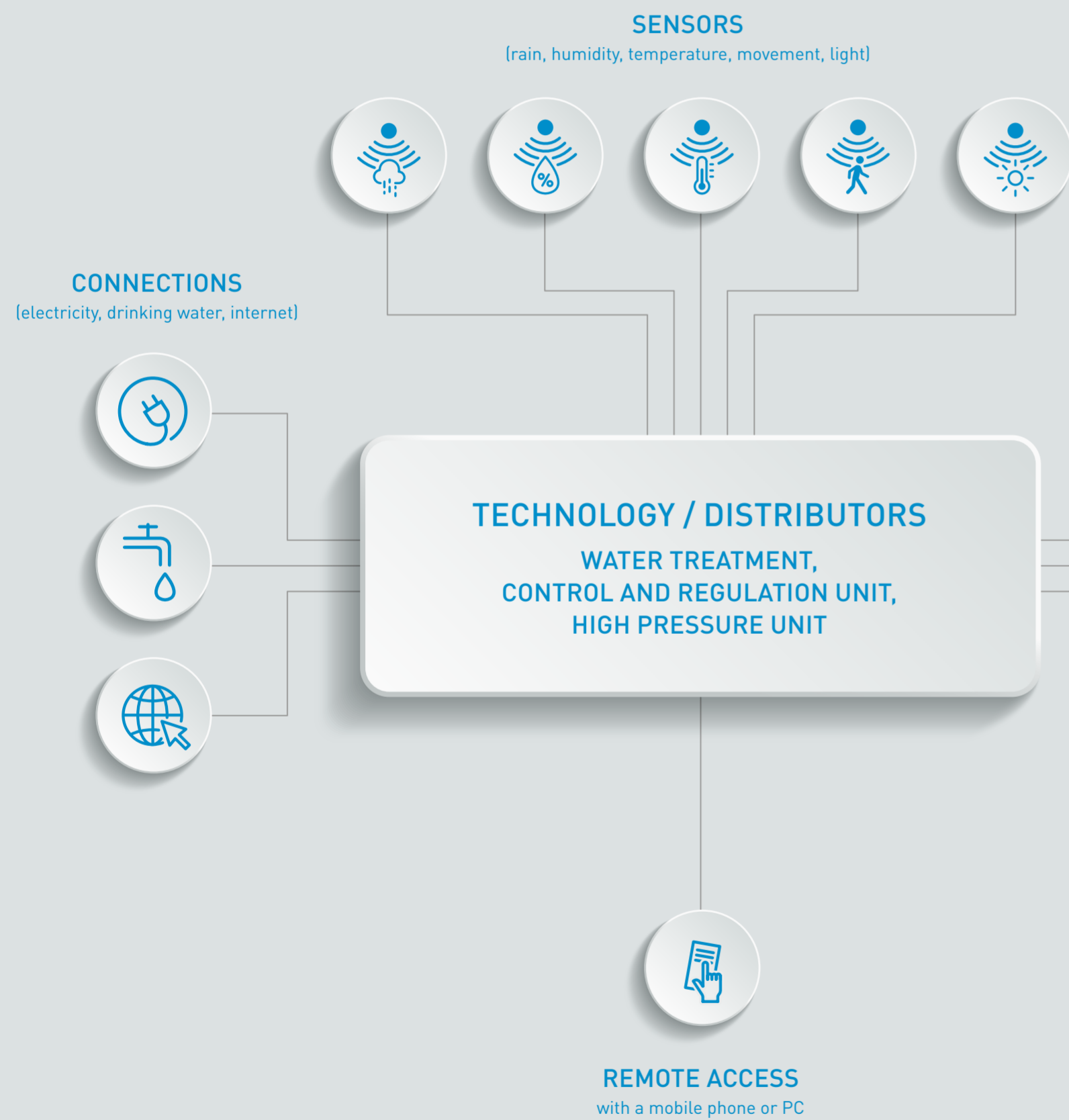
An impressive water feature with an area of 500 m² shines at the Praterstern and its star shape is reminiscent of the original appearance of this historic place in Vienna.

Centre of attraction

effective
cooling

RAINTIME SYSTEME – CLIMATE OASES FOR THE CITY

From design to planning, production, delivery and assembly to installation, RAINTIME provides you with everything from a single source.



Fog systems

Innovative use of water: air humidification, air cooling, dust and odour control with misting technology. This technology is clean, extremely energy-saving and even enables air cooling in outdoor areas!

Water features

- Modern and innovative products with
- Drinking fountains
 - Water fountains
 - Fountains
 - LED light effects
 - High-pressure fog nozzles
 - Fog effects with tap water pressure
 - Spray nozzles
 - Foam nozzles

Watering, Facade greening

Modern watering systems offer you numerous advantages: Time savings, lower water consumption, flexibility, increased value and, above all, a beautiful garden and healthy plants.

EXPO Milan
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Neubaugasse
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Praterstern
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Esterhazypark
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Zieglergasse
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Neubaugasse
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Ikea Westbahnhof
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Praterstern
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Praterstern
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Water features

Water fountains

Water features originated in Italy during the Renaissance and are installations with changing fountains, artificial cascades and the like. Today, in open space design, this usually refers to water fountains that jump out of the ground and can be controlled using specially designed choreography.



LED lighting effects

Decorative lighting effects with time control go hand in hand with the desired cooling.



Fog nozzles with mains water pressure

These fog nozzles are operated with normal tap water pressure. Complete evaporation is not always desired, so some "precipitation" is deliberately induced. These applications are used in many water parks, outdoor swimming pools and leisure centres.

Fog systems

Fog station

Our fog stations are now very widespread in Vienna and are already transforming many streets, alleyways and some squares into true climatic oases. Thanks to their simple design, they fit into any urban landscape.



High-pressure fans

Take advantage of the enhanced and targeted cooling effect by combining high-pressure misting with fans. Large areas can be quickly and evenly enveloped in fog with minimal installation effort.



High-pressure fog systems

Our systems have been used efficiently for outdoor cooling for decades and can cool outdoor temperatures by as much as 10°C with virtually no perceptible increase in relative humidity.



Facade greening and natural cooling

On a greened building wall, the water stored in the plants begins to evaporate through solar radiation and is released into the environment, leading to immediate cooling.



Irrigation

The essential element of an automatic irrigation is the control unit – also known as the "heart" of the system. It controls how long, on which day and at what time watering takes place.



Irrigation of terraces

Single drippers are used for watering plant troughs. Several individual drippers are installed for particularly large troughs. This means that plants with different water requirements can be supplied simultaneously with just one supply line.

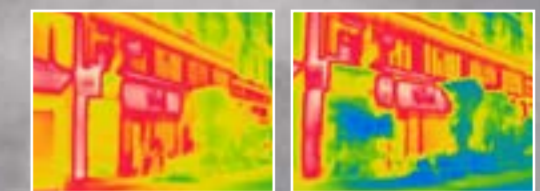


Climate Bonus

NEUBAUGASSE VIENNA



Creating climate oases
In the summer months, it is becoming increasingly hot in cities and densely built-up areas. With our high-pressure mist cooling systems, we ensure tolerable temperatures in an energy-efficient and resource-saving manner. The high pressure in our systems atomises water through our fine nozzles and creates a pleasant freshness with the help of evaporative cooling. Due to the high pressure and the fine nozzles, our systems also save a lot of water, which is very important in today's world.



The same section of road with and without cooling

IKEA Vienna Westbahnhof

Scope: 2,600 m²

Year: 2022 Technology: 



EXPO Dubai

Scope: 500 m²

Year: 2021 Technology:    



EXPO Milan

Scope: 500 m²

Year: 2016 Technology:   



Esterhazypark Vienna Mariahilf

Scope: 10,600 m²

Year: 2020 Technology:   



Water- features

Photo: sascha.jakob@unart.com

IKEA VIENNA
WESTBAHNHOF ☁

Each plant trough or tree in the trough is supplied by the automatic, sensor-controlled Raintime-irrigation system to be able to react to the individual water requirements and the respective site conditions. Excess water is drained from the troughs via a separate drainage system.

Architecture- Highlight





PRATERSTERN
VIENNA



The 500 m² water feature impresses visitors with its fascinating nozzle technology and LED lighting. The water fountains and clouds of mist are illuminated in a variety of changing colours.

Lighting effects

Photo: sascha.jakab@umart.com

Fog mood

PRATERSTERN VIENNA



The floor mist created by our AquaSaal floor nozzle allows us to cool even busy car traffic areas without restriction. Another advantage is the concentration of the mist close to the floor, so that children in particular, but also pets, benefit more from the installation. The moistening of the floor also contributes to a longer cooling effect: the thermal image (page 43) shows more than 10°C cooling of the surfaces due to the water features and the floor mist.

perfectly
irrigated



PRATERSTERN
VIENNA



The water ejectors, sprinklers and nebulisers of the water feature work in perfect harmony and can be adjusted depending on the temperature and season.

Water feature
meeting place

Water features and ground mist

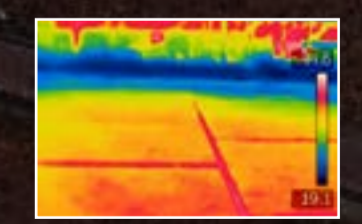
AquaSaal 50
with a visible diameter of 50 mm. This version can be variably equipped with a jet nozzle, low-pressure nozzle or high-pressure nozzle. A special example of the design of a water feature with AquaSaal nozzles can be found in Vienna at Praterstern, where Austria's largest water feature was created as part of the redesign of the forecourt.



The AquaSaal System

Our specially developed floor nozzles, which are made of stainless steel in Austria and can be installed quickly and easily directly into the flooring, paving or Rigol cover plates, are characterised by their robustness, elegance and flexibility.

Thanks to installation using a rubber seal, similar to RDS (sealed pipe penetration elements), the AquaSaal nozzle is also very easy to maintain and can be replaced quickly if damaged. Our nozzles are protected against vandalism, making them the perfect solution for public spaces.



The cooling effect in summer is an additional bonus of the AquaSaal system.



AquaSaal 110
with a visible diameter of 115 mm. This version can be combined variably in a modular system for any effect. It is available with a foam nozzle, jet nozzle or three high-pressure nozzles and also with an RGB light effect.

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