



Pumping Power at the Heart of Berlin – A Showcase Project at Potsdamer Platz

Innovative pump technology for urban water features

A striking example of the performance and reliability of our vertical multistage pumps can be found at the fountain field in the Center at Potsdamer Platz, Berlin.

Amidst the dynamic architecture and energy of the capital, beneath the Center's iconic roof structure, a colorfully illuminated water feature creates a moment of calm. At ground level, the fountain field offers a place to relax, for children to play, and for visitors to take a refreshing break from the city's hustle and bustle.



The planning and execution of the installation were carried out by **AquaActiv Springbrunnen- & Wassertechnik GmbH**, based in Lage/Germany. The company specializes in the design, project management, construction, and maintenance of classic fountains, modern fountain fields, and innovative water attractions – for both urban spaces and exclusive private environments.

For the Potsdamer Platz project, AquaActiv chose robust, low-maintenance, and above all highly reliable pump technology – selecting our vertical multistage pumps from the EV series. In addition to their proven reliability, rapid availability played a key role: the pumps were supplied directly from our warehouse in Wittlich, Germany.

A total of **21 EV pumps** now power the impressive display of illuminated water jets. The centrifugal pumps in this series deliver flow rates of up to 115 m³/h and heads of up to 326 meters. **Designed for durability and quiet operation, they also offer easy maintenance** – thanks to features like removable cartridge mechanical seals and replaceable stain-

less steel wear rings in the impeller neck. These elements help to minimize service times and increase operational reliability.

Their compact design with inline connections and flexible mounting flanges further simplifies installation – yet another advantage of this versatile and high-performance pump series.



photo: AquaActiv Springbrunnen- & Wassertechnik GmbH

Center Potsdamer Platz – A Unique Urban Experience

Following an extensive renovation and modernization, the former Sony Center reopened in 2024 with a new identity and renewed energy. Designed by renowned architect Helmut Jahn, the iconic complex now offers a vibrant mix of functions across 26,000 m² of land and a total floor area of 132,500 m². The revitalized Center seamlessly blends cutting-edge office spaces, premium residential units, and a diverse range of retail, culinary, and entertainment experiences – making it a dynamic hub in the heart of Berlin.



EV Multistage pumps

Flow rates up to 115 m³/h (50 Hz)
Delivery heads up to 326 m (50 Hz)

Drinking water approvals



(ACS/ICIM for EV series only)



Cartridge mechanical seal

without dismantling the pump
(for models > 4 kW no motor dismantling necessary)

Tungsten carbide intermediate bearing

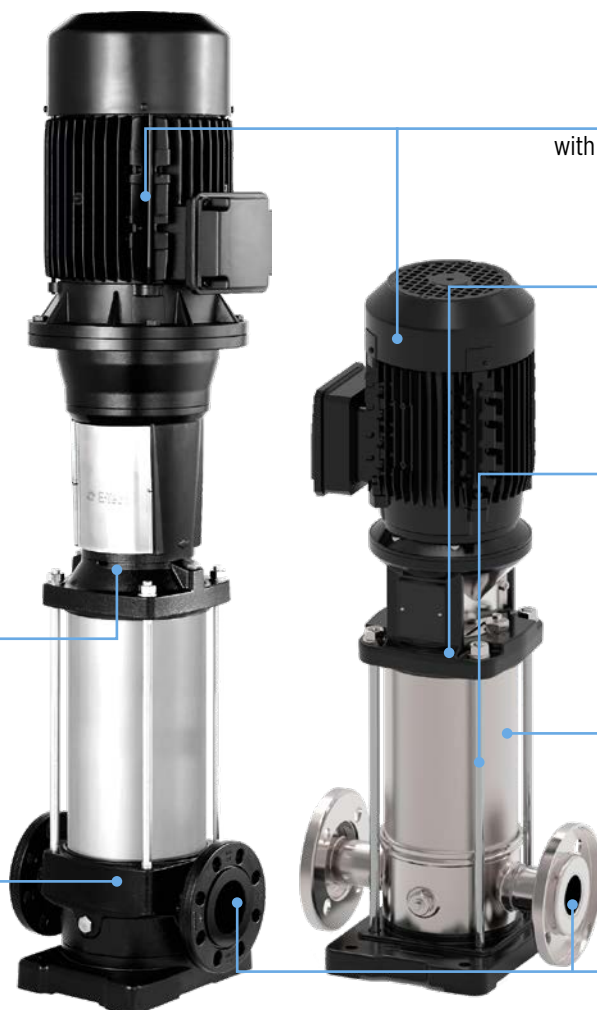
to stabilize the hydraulics
with a large number of stages

Evaporative cooling as a climate measure

Fountain fields like the one at the Center am Potsdamer Platz in Berlin are gaining popularity – and for good reason. They offer a vibrant way to activate public spaces with water, while preserving the multifunctional use of the area. When the fountain is not in operation, the surface remains fully accessible for vehicles, pedestrians, and surrounding buildings. Even during operation, the water feature can be walked on, making it a fully integrated part of urban life.

Beyond their aesthetic and recreational appeal, these installations provide measurable environmental benefits. The movement of water produces evaporative cooling, which reduces ground-level air temperatures and increases local humidity – creating a perceptible and pleasant microclimate.

As cities face rising temperatures and more frequent heat-waves, this cooling effect is becoming increasingly valuable. In densely built urban areas with limited greenery, wet surfaces such as fountain fields can contribute significantly to climate adaptation strategies. At the same time, they enrich the public realm – transforming spaces into inviting cultural and recreational destinations.



Commercial motors

with interchangeable motor brackets

No up-thrust bearing

for models up to 4 kW

Replaceable floating neck ring

for cost effective maintenance
and long-lasting performance

Stainless Steel impeller and diffuser

for corrosion resistance and
increase of efficiency

Easy installation in-line ports

Round flange, oval,
Victaulic, Threaded