



Condair Omega Pro

Sheraton Hotel, Astana

A five-star luxury establishment catering to discerning guests who expect the highest levels of comfort and quality.

In the hammam of Sheraton Hotel Astana resistive steam generators Condair Omega Pro creates consistent and comfortable environment that enhances relaxation, in line with the hotel's commitment to providing top-tier wellness facilities.

This advanced solution not only improves air quality but also delivers a revitalizing spa experience that meets the highest standards of comfort and hospitality.

Humidification, Dehumidification
and Evaporative Cooling

Product

Condair Omega Pro

Subsegment

Hotel and leisure

Year of installation

2019



The Sheraton Hotel is a five-star luxury establishment catering to discerning guests who expect the highest levels of comfort and quality. Located in the heart of Astana, the Sheraton Hotel Astana is a beacon of luxury and modern sophistication, blending contemporary architecture with traditional Kazakh elements. Opened in 2017, this five-star hotel stands as an elegant landmark in one of Central Asia's most dynamic cities,

One of the standout features of the **Sheraton Astana** is its traditional hammam – a **luxurious steam bath** that serves as a tranquil retreat for guests seeking relaxation and rejuvenation. The hammam is crafted with intricate tiling and a design inspired by classic Ottoman architecture, featuring marble surfaces, vaulted ceilings, and ambient lighting that fosters an atmosphere of calm and serenity. The hammam, a steamy oasis inspired by ancient bathing traditions, provides a gentle and cleansing experience.

The client's key requirement for this project was to ensure an authentic, spa-like environment in the hammam by achieving precise humidity levels. They wanted a solution that would work reliably, providing consistent performance to enhance the wellness experience of their guests.

The existing system in the hammam struggled to maintain ideal humidity levels, leading to fluctuations that impacted guest comfort and compromised the spa experience. The installation of advanced humidifiers aimed to solve this issue by delivering a stable, moisture-rich atmosphere, essential for a relaxing and authentic hammam experience.



“ We are glad that we use these steam generators for our hammams. The devices produce steam quickly, are safe and easy to operate. ”

*Pavel Kupetckov, Deputy
Director of Engineering*



Hammam of Sheraton Hotel Astana

offering stunning views of the Ishim River and the vibrant cityscape. The hotel's design features a harmonious mix of sleek modern lines and warm, welcoming interiors, creating an atmosphere that exudes both luxury and comfort.

Challenge: Integration of new humidifiers

The primary challenge faced during the project was the integration of new humidifiers within the existing system, which was not originally designed to handle modern humidification technology. This was addressed by customizing the system components and adapting the installation process to fit within the hotel's unique architectural features. Special attention was given to ensuring seamless functionality while maintaining the aesthetic of the luxury space.

Custom ductwork and placement adjustments were implemented to fit the architectural requirements, ensuring that the new system delivered consistent performance without compromising the visual appeal of the spa area.

The Sheraton Astana chose Condair steam humidifiers for their hammam to ensure a high level of humidity control essential for such a facility. The specific demands of a hammam require consistent, high humidity levels to create the warm, soothing environment that guests expect. Condair steam humidifiers are particularly well-suited for this purpose due to their ability to deliver precise humidity control, ensuring that the conditions remain stable and comfortable throughout the hammam.

Key Insights

The installation of the advanced humidification system significantly enhanced the overall guest experience at the Sheraton Hotel Astana. By maintaining consistent humidity levels in the hammam, guests now enjoy a more comfortable and authentic spa atmosphere, which has led to increased satisfaction and positive feedback. Additionally, the new system has contributed to operational efficiency by reducing manual adjustments and improving reliability.

The installed humidifiers directly addressed the unique challenge faced by the Sheraton Hotel of creating a stable and

relaxing environment that meets the specific requirements of a hammam. The Condair products used in the project play a crucial role in creating specialized hospitality environments, precisely regulating humidity to ensure an optimal experience for guests. The advanced design of these humidifiers and energy-efficient technology ensures reliable performance with minimal upkeep, providing both comfort for guests and convenience for the hotel's maintenance team.



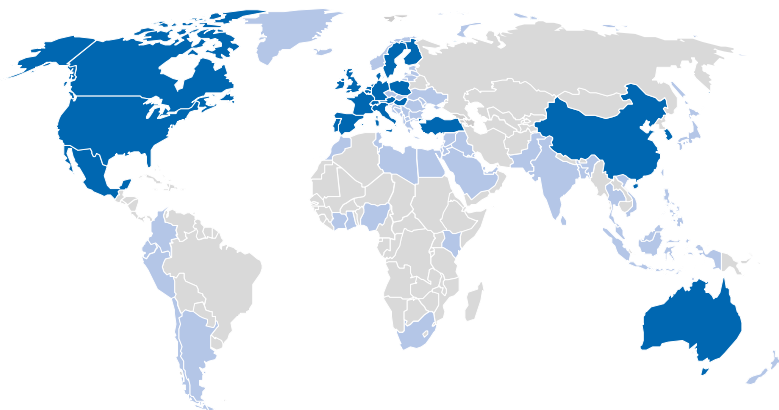
Presidential Suite

Condair Group,

Condair Group, founded in 1948 and based in Switzerland, is the global leader in humidification and a leading manufacturer of dehumidification and evaporative cooling systems.

Supported by science, we engineer individual, holistic solutions that customers can trust through the entire lifecycle. With optimal humidity, we increase productivity and create healthier built environments.

Condair Group has production sites in Europe, North America and China, its own sales and service organizations in 23 countries, and representatives in 50 locations worldwide.



75+ Years of Industry Leadership in humidification and evaporative cooling solutions



Global Sales and Service offices in 23 countries



Worldwide coverage with operations and support in over 50 countries



Swiss-Made Quality designed and manufactured with high precision and quality standards



Broad Product Range across steam, adiabatic, and hybrid humidification for diverse applications



Energy-Efficient Solutions that reduce energy consumption by up to 80 %



Certified Health and Safety Compliance meeting strict international health and safety standards (ISO 9001, ISO 14001)

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