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JUMEX

THE JUMEX MUSEUM

THE
COLOR
OF
PROGRESS

HUMIDITY
REIMAGINED

SCULPTING
SOLUTIONS



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The Jumex Museum

The Jumex Museum, in the Polanco neighborhood of Mexico City, is a private art collection owned by Eugenio López Alonso. The museum opened in 2013 in a building designed by David Chipperfield. The main purpose of the museum is to promote the production, discussion and knowledge about contemporary art in Mexico. The museum produces exhibitions and showcases world-renowned works of art by artists like Damien Hirst, Andy Warhol, Gabriel Orozco, Jeff Koons, Martin Kippenberger, and many others.

The Andy Warhol Exhibit

The Fundación Jumex (Museum) / Andy Warhol Collection project focused on optimizing environmental conditions to meet exhibition standards for Warhol's artworks. The primary challenge was maintaining a stable 50% relative humidity (RH) with 18°C while accommodating 10,000 visitors daily during the rainy season.

To achieve this, Cobeal upgraded the museum's air handling and humidity control systems, installing chilled water air conditioning equipment and dehumidification systems with honeycomb silica gel wheels stabilized with titanium. These enhancements ensured precise humidity control at 50% RH and temperature stability at 18–20°C, aligning with exhibition requirements.

A third-party IAQ expert from Clauger validated the results, confirming compliance with the necessary standards. The system was operational 45 days before the final evaluation, and the museum successfully secured the contract. On one test day, with 10,345 visitors and rainy 26°C weather outside, the indoor climate remained within the prescribed limits, demonstrating the effectiveness of the implemented solution.



Art thrives in the right environment. Through precision climate control, Fundación Jumex ensures that masterpieces like Warhol's remain vibrant and protected for generations to come.

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The Color of Progress

Museums house invaluable artworks and artifacts, each requiring precise environmental conditions to prevent deterioration. Humidity fluctuations can cause paintings to crack, paper to warp, and metals to corrode. By implementing advanced dehumidification and air filtration systems, museums can ensure long-term preservation while maintaining a comfortable experience for visitors.



As museum attendance grows and global climate conditions shift, institutions face new challenges in protecting their collections. Cutting-edge air handling systems, desiccant dehumidifiers, and smart monitoring technology provide real-time environmental adjustments, safeguarding artwork against temperature and humidity fluctuations. The success of Fundación Jumex's Warhol exhibit is a testament to the power of these innovations.



Humidity Reimagined

Cobeal specializes in designing tailored climate solutions that align with the specific needs of museums, archives, and galleries. From historic preservation projects to contemporary exhibitions, our expertise in air quality management and sustainable environmental control ensures that priceless collections remain protected for future generations.

Engineering meets artistry—Cobeal's advanced climate solutions safeguard exhibitions, ensuring optimal conditions for both visitors and priceless collections.