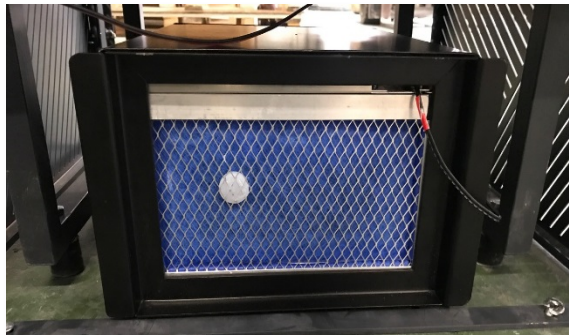


MUSEO NACIONAL DEL PRADO TESORO DEL DELFÍN MADRID, SPAIN

KEY PARAMETERS

- Type of Facility – Existing Building
- Function – Museum
- Area – 10,000 sf
- Project Completed – November, 2017

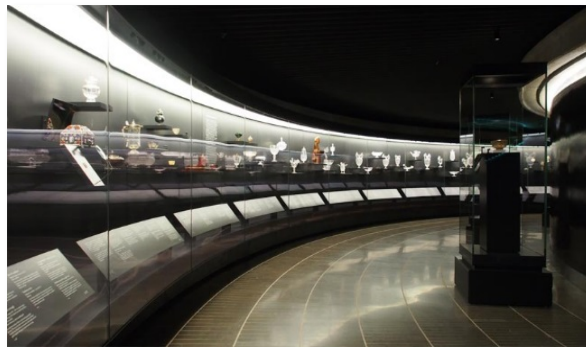
The Dauphin's Treasure is comprised of 144 works that were assembled by Louis, the Grand Dauphin of France (1661-1711) and inherited after his death by his son Philip V (1683-1746), the first Spanish Bourbon. The collection is unique in the world both for its quality, quantity, intrinsic value and beauty. A special room was designed with the most advanced conservation technology, while adapting to the specific shape and material of each object.



Challenge: Protecting valuable artwork from airborne contaminants in a new circular space including a continuous curved display case measuring 40 meters long. The control of environmental factors in museums is an essential element in effective conservation of



MUSEO NACIONAL DEL PRADO



important artifacts and the failure to carefully consider all environmental aspects including indoor air quality, temperature, and humidity can have catastrophic results and cause irreversible damage to the works on display. The museum considered indoor air quality as not only a key factor in the conservation of heritage, but also in the comfort of the museum's patrons.

Solution: Eighteen (18) 1-inch Dynamic Polarized-Media Air Cleaners were installed in the elaborate, custom-fabricated exhibit cases.



Results: The air cleaners have performed as promised and the museum has been very happy with the indoor air quality in the new exhibit space.

TEAM

- Owner – Museo Nacional Del Prado
- Architects – Javier Cort, Rafael Moneo and Valeri Canals
- Showcase Design and Construction - YPunto Ending S.L. and Jesús Moreno y Asociados
- Air Purification System Design - Aire Limpio S.L.

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