



Guggenheim Pavilion, Mount Sinai Medical Center

Optimizing Patient Care in a Cardiovascular ICU

Founded in 1852, the Mount Sinai Hospital is a 1,171-bed, tertiary-care teaching facility acclaimed internationally for excellence in clinical care. In the 2017-18 "Best Hospitals" issue of U.S. News & World Report, the institution was ranked in 10 specialties nationally. The one million square-foot building Guggenheim Pavilion was designed by the renowned architect I. M. Pei. Rising six and 11 stories, respectively, its radiant, three-sided rooms offer Mount Sinai's patients one of the world's oldest holistic therapies: architecture. The pavilion features 625 beds, along with special rooms for transplants and operating rooms for orthopedic surgery and neurosurgery.

The Challenge

Mount Sinai is currently renovating and upgrading inpatient units at the East campus. This includes intensive care spaces with a focus on cardiac patient care. The fifth floor Guggenheim Pavilion Cardiovascular ICU included plans for 14 private rooms and a mandate to enhance both patient environments and more accessible and efficient nursing care. A key architectural element for enhanced patient care in ICU spaces is sliding doors. Sliding doors are ideal as they operate easily and automatically. However, they also move incessantly, especially in ICUs where critical patients require constant care from nursing staff. Therefore it was essential for the integrated and adjustable privacy solution to maintain the desired positioning at all times, without causing additional noise that could hinder patient recovery.

The Solution

To address this, architects selected Unicel's Vision Control® integrated louvers designed and sized specifically for sliding doors. Perfectly suited for healthcare environments, Vision Control® is a patented, hermetically sealed glass unit with operable louvers that can be customized for virtually any sliding door application. Its advanced technology eliminates strings, ensures alignment, optimizes hygiene and requires no maintenance. Vision Control® delivers the perfectly aligned louvers that ensure the uniformity and precision required for consistent blade positioning regardless of activity. The Vision Control® knob operator is designed to allow adjacent doors to interact seamlessly, noiselessly and without obstruction.



The Results

The Guggenheim Pavilion Cardiovascular ICU is now a more efficient, patient-forward care unit. Open and accessible nursing stations balance the need for a private team center so that visitors can check in with their loved one's clinician and care teams can have private consultation spaces when discussing patient treatment. Vision Control® sliding doors ensure easy and noiseless access to patient spaces, while also ensuring adjustable visibility for privacy and discreet monitoring.

Participants:

Architects – Array Architects, Inc. (New York)

Glazier – Empire Architectural Metal & Glass Corp.

Sliding Doors – Nabco Entrances, Inc.

Integrated Louvers – Unicel Architectural Corp.

