

Hôpital Saint-François d'Assise

A specialized hospital in Quebec City prioritizes daylight control

In the heart of Quebec City's Limoilou district, the Hôpital Saint-François d'Assise (HSFA) offers specialized care, particularly in vascular diseases and obstetrics. HSFA is a teaching hospital affiliated with Laval University with a mission to provide general, specialized and subspecialized care, train the next generation, carry out research and evaluate technologies and methods of intervention in health.



Managing daylight

Studies conclude that daylight markedly impacts outcomes in healthcare settings by reducing depression among patients, decreasing length of stay in hospitals, improving sleep, lessening agitation among dementia patients, easing pain, and improving adjustment to night-shift work among staff. In healthcare environments, there is a direct correlation between patient moods and sunlight. Typically, patients in properly sunlit rooms will be less stressed, less depressed and have shorter stays. HSFA therefore sought a shading solution that would optimize daylight into interior spaces.



HSFA picks Unicel Vision Control® integrated louvers

HSFA selected Unicel Vision Control® insulating glass units with integrated louvers to filter and control daylight. These operable louvers typically deliver flexible heat and light control, and manage the quantity and quality of light transmission through fenestration.

Benefits to HSFA

The benefits of having the Vision Control® cord-free daylighting solution are compelling for HSFA:

1. Vision Control's® ability to regulate heat and daylight ensures incomparable comfort. Not only do integrated louvers deliver higher energy-saving performance throughout the year, they block excessive solar heat to reduce air conditioning costs, protect against fading from damaging ultraviolet rays, and eliminate unwanted glare.
2. Vision Control® integrated louvers are far more durable than other market alternatives and therefore have a correspondingly long lifespan. The insulating glass units are easy to install which lowers installation costs as compared to solutions that include separate glass and shading mechanisms. Additionally, integrated louvers are hermetically sealed which virtually eliminates cleaning and maintenance costs.
3. The overall esthetics are more pleasing. Integrated louvers do not sag or get misaligned. Their clean, uniform lines can enhance any design approach.
4. Vision Control® integrated louvers ensure the highest levels of hygiene. As they are hermetically sealed, they do not collect dust and germs and other bacteria, which make them ideal for HSFA's strict hygiene requirements.

Participants:

Client : Hôpital Saint-François d'Assise

Louvered Glazing: Unicel Architectural Corp.

Glazier : Vitrierie Beaulieu, Lévis, Qc.

Architect : La boîte à idées brainbox Architecture

