

ROYAL VICTORIA HOSPITAL MONTREAL, CANADA

KEY PARAMETERS

- Type of Facility – Existing (EB)
- Function – Healthcare
- Area – 1.2 million sf, 10 stories
- Project Completed – 2011

Challenge: Odor control. Odors were migrating within the main building and outdoor odors were coming into the building through the ventilation system. A designated smoking area once located in the hospital lobby was later moved outdoors but within proximity to the fresh air intakes. Royal Victoria Hospital is one of several hospitals within the [McGill University Health Center](#) system, a network of teaching hospitals associated with [McGill University](#). The Royal Victoria Hospital offers general medical care as well as a wide range of highly specialized services including clinical research and organ transplants,



Centre universitaire de santé McGill
McGill University Health Centre



Solution: Dynamic 2" V-Banks were installed in Trane AHUs serving the area.

Results: Hospital personnel conducted their own test to measure system effectiveness with odor control. Three months after the air cleaners were installed, maintenance personnel placed a tray with foul-smelling

caulk upstream of the air cleaner. There was no indication of caulk odor downstream of the air cleaner. The staff was pleasantly surprised.

“Hospital employees were complaining of odours from cigarette smoke prior to the installation of the Dynamic Filters and now after the installation of the Dynamics, the odours and complaints have decreased.”

- Steven Yamamoto, Site Coordinator
Royal Victoria Hospital, Montreal
Neurology Hospital, & Montreal Chest
Institute,



TEAM

- Owner – McGill University Health Centre (MUHC)
- HVAC Contractor - Trane
- MUHC Team – Steven Yamamoto, Bassam Ajam, and Justin Ciampini

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