

OHIO VETERANS HOME SANDUSKY, OHIO

KEY PARAMETERS

- Type of Facility – Existing (EB)
- Function – Long Term Healthcare
- Area – 20,000sf Resident Facility
- Project Completed – 2007

Challenge: Controlling and removing difficult odors; initially tobacco smoke and residual smoke odors from interior smoking rooms. Other odors, including a stubborn urine odor generated from daily diaper changes in a special care ward, were also addressed.

Solution: Dynamic V-Bank and Super V-Bank Air Cleaners, Dynamic 2" Panel Air Cleaners, and Dynamic G-375 Germicidal Systems.



Results: In 2005, to address smoke odors in interior smoking rooms in a patient domiciliary, Dynamic Super V-Bank Air Cleaners were installed in a Dynamic M-25 Air King blower



module and several Dynamic 2" Panel Air Cleaners were installed in an existing air handling unit. Results were almost immediate. Smoke was reduced and residual smoke odors disappeared.

Following this success, Dynamic V-Bank Air Cleaners were later included on a subsequent HVAC system upgrade serving a 20,000sf resident facility. A few weeks after the project completion, it was noticed that a stubborn urine odor, generated from daily diaper changes in a special care ward, was gone and the odor removal was attributed to the Dynamic V-Banks.

In open wound patient rooms, several portable Dynamic G375 Germicidal Systems were installed. Dynamic met expectations and performed just as promised.

TEAM

- Owner – Ohio Department of Veterans Services
- HVAC Mechanical - Wadsworth
- In-house Facility Manager – David Downing

MECHANICAL SYSTEMS

- HVAC – Various
- Ventilation – Trane
- Building Controls – TAC, Schneider Electric
- Energy Monitoring – Wadsworth

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