



## HOSPITALS & CLINICS

### CUSTOMER NEEDS

- Attract patients; have return patients
- Grow doctor and patients referrals
- Ensure comfort and safety
- Provide better air quality
- Comply with safety regulations and codes
- Contain energy costs
- Increase outsourcing/vendor/tenant retention



A lot of us were surprised to see that even arc-welded stainless steel ductwork is susceptible to significant leakage. Luckily, Aeroseal offered a safe and unobtrusive way to seal the entire ventilation shaft—without disrupting regular hospital operations.

—Cory MacDonald  
AWS Remediation Technologies



Compliant. Efficient. Comfortable.

### AEROSEAL BENEFITS

- Reduces up to 90% duct leakage
- Fixes pressurization issues
- Decreases fan horsepower
- Extends equipment life
- Better IEQ
- Increases comfort
- Does not require shutdown or interruption of daily operations to Aeroseal buildings
- Consumes less energy
- Saves on heating and cooling costs



## Is Your Hospital the Foundation for Quality Care?

The quality environment of an acute-care hospital, clinic, or other medical healthcare facility is more critical, specialized and important than almost any other type of facility. Healthcare facilities must meet regulatory compliance for cleanliness and safety.

Essential for healthcare facilities is that they:

- provide a safe, secure and comfortable environment for their patients, visitors and employees
- help the staff be more productive and focus work activities
- increase operational performance and contribute to cost efficiencies
- comply with regulatory and accreditation requirements
- create an environment that attracts and retains customers and key staff

We help you achieve these goals and provide your customer with the highest possible level of quality air and cleanliness with our patented, innovative duct sealing.

## Proven Positive Outcomes in Clinical Spaces

A typical hospital loses 25-40% of heating and cooling energy throughout the ductwork. AeroSeal reduces up to 90% of duct leakage. Our commercial duct sealing system will reduce heating and cooling costs by up to 20%.

Our duct sealing solution covers:

- patient care areas, hospital rooms, isolation rooms, surgical suites, emergency rooms waiting rooms, and ambulatory care
- professional ancillary areas, laboratories, radiology, and pharmacy
- support operations, data center and central sterile supply

## Case Study

### University of Ottawa Heart Institute AeroSeal Reduces Ventilation Leakage

Engineer: GENIVAR | Constructive People

Duct Specialists: AWS Technologies

Goal: Eliminate duct leakage as cause of building-to-building air contamination

Before AeroSeal: Up to 800 CFM\* of leakage

After AeroSeal: 10 CFM of leakage

Results: Virtually eliminated ventilation leakage.

Improved system efficiency. Reduced utility costs.

“If duct leakage was the problem, we were facing the possibility of having to actually replace the hospital's entire duct system – then we heard about AeroSeal. It took AeroSeal less than a day to effectively seal one of the hospital's ventilation shafts. The positive impact that aeroSealing the shaft had on system performance was clear and immediate. We are now looking at using AeroSeal elsewhere throughout the hospital to improve the efficiency of our ventilation system.”

—Michele Emond, Project Manager  
University of Ottawa Heart Institute

Read the entire case study at  
[www.aeroseal.com/news-events/duct-sealing-case-studies.html](http://www.aeroseal.com/news-events/duct-sealing-case-studies.html)