MITIGATE THE RISKS OF AIRBORNE INFECTIONS.

Leaky ducts can foster infection prone environments due to poor relative humidity, low air changes per hour and airflow direction issues.

SEAL UP TO 99% OF DUCT LEAKS WITH OUR AWARD-WINNING TECHNOLOGY!
# WORLD'S #1 DUCT SEALING TECHNOLOGY.

Trusted by 100’s of healthcare facilities and Fortune 500 companies around the world, this revolutionary approach ensures a tighter seal, in about half the time and costs when compared to any alternative solution on the market.

<table>
<thead>
<tr>
<th></th>
<th>Nerva Duct Sealing</th>
<th>Traditional Duct Sealing</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>PROJECT TIME</strong></td>
<td>85% - 99% Sealing Rate</td>
<td>50% Can Be Left Unsealed</td>
</tr>
<tr>
<td></td>
<td>Complete &lt; 3 - 4 weeks</td>
<td>6 - 12 Months</td>
</tr>
<tr>
<td><strong>PROJECT COSTS</strong></td>
<td><strong>Lower Cost</strong></td>
<td>Higher Cost</td>
</tr>
<tr>
<td><strong>DISRUPTION</strong></td>
<td>No Disruption to Day-to-Day Operations</td>
<td>Minor - Major Disruption</td>
</tr>
<tr>
<td><strong>DEMOLITION</strong></td>
<td>No Extensive Opening of Ceiling</td>
<td>Removal of Fiberglass &amp; Re-Insulation Required</td>
</tr>
<tr>
<td><strong>INSULATION</strong></td>
<td>Existing Insulation - Stays Intact</td>
<td>Removal of Fiberglass &amp; Re-Insulation Required</td>
</tr>
<tr>
<td><strong>REPORTING</strong></td>
<td>Before/After Sealing in Real-Time</td>
<td>No Guarantee</td>
</tr>
<tr>
<td><strong>CERTIFICATE</strong></td>
<td>Certificate to Verify % of Seal &amp; CFM’s Saved</td>
<td>No Certificate to Verify Effectiveness</td>
</tr>
<tr>
<td></td>
<td><strong>3 Year Warranty</strong></td>
<td>Short Life Expectancy</td>
</tr>
</tbody>
</table>
Goal:
Eliminate duct leakage as cause of building-to-building air contamination.

Overview:
UOHI turned to new duct sealing technology to solve one problem and wound up solving two. Hospital monitors detected that an isotope created in one of the institute’s laboratories had somehow migrated to an adjacent wing of the building. By using Nerva Duct Seal technology to seal possible leaks in one of the ventilation shafts, the hospital could ensure that the isotope wasn’t spreading from one shaft to the other. Once the shaft was sealed, the hospital immediately noticed another significant benefit – dramatically improved ventilation efficiency and lower energy costs.

Before Sealing
800 CFM leakage

After Sealing
10 CFM leakage

Michele Emond
Project Manager, UOHI

“We were facing the possibility of having to actually replace the hospital’s entire duct system. After conducting extensive research on the technology, our health and safety officer approved its use. The positive impact on system performance was clear and immediate.”
3-Steps to Eliminate Duct Leakage

1. Prepare & Pressurize
   We isolate the AHU, block registers and identify our pre-seal benchmark.

2. Sealing Treatment
   We inject the sealant and seal leaks while displaying results in real-time.

3. Verification Certificate
   We measure the final leakage and use pre/post results for certification.

Optimize Air-Quality
Mitigate Infections
Reduce Energy Costs by up to 30%

nervaenergy.com