

OUR PROCESS



PHASE 1 Audit & Evaluation

Data gathering and site inspection for an efficient and effective project plan.

Every building is different based on type, location and its HVAC system. With a thorough understanding of a building's current state, we ensure an efficient and effective project timeline.



PHASE 2 Model & Plan

Quantifying ductwork leakage and running our energy model to ensure plan success.

The project implementation plan is part of each project's quotation or bid documentation and is based on input from phase one.

The plan estimates energy savings from our duct leakage reduction. It is created using one of Nerva's four different energy models. Duct leakage estimates can be converted for use in a project's broader energy modeling.



PHASE 3 Repair, Clean, Sanitize & Seal

Customizing solutions to reach project goals and meet each building's needs.

– Making sure the duct system doesn't need repairs is critical to ensuring project results. Our team then determines if ductwork needs to be cleaned and sanitized before sealing.

– We pressurize your ductwork system, including ventilation shafts, heating and cooling shafts and other ductwork, to determine the amount of leakage.

– Using our non-invasive technology, we seal the ductwork to ensure the building's HVAC system can operate at peak efficiency.

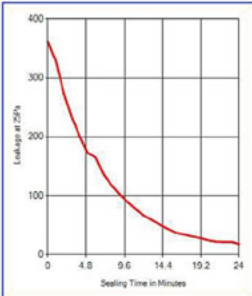
– In fact, Nerva Duct Sealing often eliminates the need to replace entire ductwork systems.



PHASE 4 Measurement & Verification

Tracking and verifying project work digitally before issuing a certificate of completion.

Our software tracks results in real time. Once leak reduction goals have been reached, the results are recorded and a certificate of completion is printed showing before and after leakage amounts.

N E R V A E N E R G Y	
Certificate of Completion	
Duct Sealing Performed For:	
Overall Sealing Results	
When we arrived, YOUR DUCTS HAD: 361.7 CFM of Leakage, equivalent to a 68.3 Square Inch Hole <i>This equals 217 refrigerators full of air loss every hour.</i>	
After we finished YOUR DUCTS HAVE: 17.6 CFM of Leakage, equivalent to a 3.3 Square Inch Hole	
This corresponds to a 95.1% Reduction in Duct Leakage	
<small>Note: Duct Leakage results are calculated in cubic feet per minute (CFM) measured at a standard OPERATING PRESSURE of 25Pa</small>	
Aeroseal Technician: Peter Aeroseal Case ID: 3006 Date Of Seal 12/04/20 System Description Basement Seal Description Active Hardware Gen2	
Duct Sealing Performed By:	
N E R V A E N E R G Y	