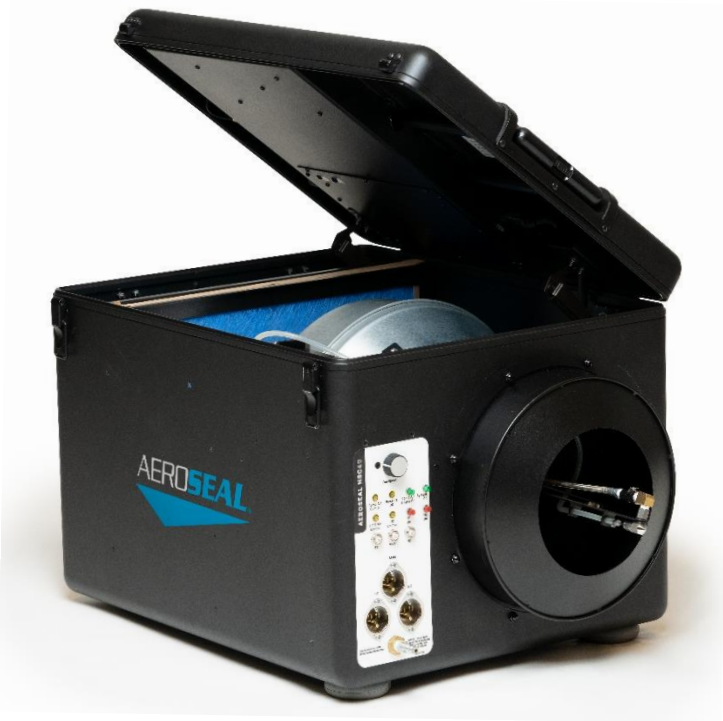
HomeSeal Connect 4.0 Makes Duct Sealing More Efficient & Effective

Aeroseal's New, Simpler Design Increases Ease of Use, Uptime



ORLANDO, FLA – February 8th, 2022 – With a new, simpler design, the HomeSeal Connect 4.0 (HSC 4.0) duct sealing system from Aeroseal is easier to use, and more rugged than ever before for increased uptime. Aeroseal's HSC 4.0 includes several updates improving its ability to apply certified, industry-standard methods to virtually eliminate duct leakage in any HVAC system, guaranteed. The award-winning duct sealing system is on display at the 2022 NAHB International Builders' Show® (IBS), in booth S615 through February 10th.

"From extensive feedback to field testing, our contractor network yielded the latest iteration of our duct sealing technology," said Amit Gupta, CEO of Aeroseal, LLC. "Our teams are constantly searching for ways to make our products easier to use, more efficient, and more cost-effective. This delivers greater value to our network of contractors as we work together to reduce global CO_2 emissions."

New Features Keep Contractors in the Field, Sealing Ducts

In addition to software enhancements, several new HSC 4.0 hardware features are designed to make the device easier to use, ensuring contractors can focus on sealing ductwork.

- Quad Digital Power Control: Finer control of HSC 4.0's pump and heaters ensure tighter seals and prevent overheating.
- Field Replaceable Antenna Extension: If a device's antenna mount is damaged, technicians have a way to repair this connectivity issue in the field.
- More Robust Design: Enhancements including a stainless-steel solenoid diaphragm and new relay board contribute to more uptime and promote device longevity.

Technology Applies Certified, Industry Standard Methods to Duct Sealing
Aeroseal is used by HVAC contractors, duct cleaners, and solar installers to eliminate leaky ductwork. This proven technology dynamically measures the pressure and airflow inside the ducts with the use of a calibrated fan and user-friendly software.

The HSC 4.0 system then injects a fog of non-toxic sealant particles into pressurized ductwork to safely seal air leaks as big as 5/8" and as small as a human hair from the inside. The water-based sealant particles only accumulate where leaks are located, gradually closing them. This ensures even leaks in inaccessible ductwork are sealed without having to open walls.

The entire process is managed through HSC 4.0's system software that measures and records airflow and leakage in real-time. And once the ductwork reaches its target goal, a post seal test confirms the amount of leak reduction, issuing a certificate of completion showing before and after stats that equate to as much as a 90% reduction in duct leakage or more.

Why Small Leaks are a Big Problem
Buildings represent the fourth largest source of CO_2 emissions -- due in part to small leaks in an HVAC system's ductwork. In fact, ASHRAE estimates 75% of homes and buildings contain leaky ductwork, making it clear that ductwork is inadequately sealed by manual solutions.

About Aeroseal, LLC
Aeroseal is a climate technology company with a mission to shrink carbon emissions from buildings using its leak-sealing technologies — as much as 1 gigaton of CO_2 every year. The company's national network of HVAC contractors has already completed nearly 200,000 seals, saving up to $1 billion in energy waste globally. Visit https://aeroseal.com/ for more.

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Photo Caption
#IBS2022 attendees visiting Aeroseal in booth S615 will get a firsthand look at HSC 4.0 - the latest in duct sealing technology.