

GUARANTEED AIR SEALING MADE EASY

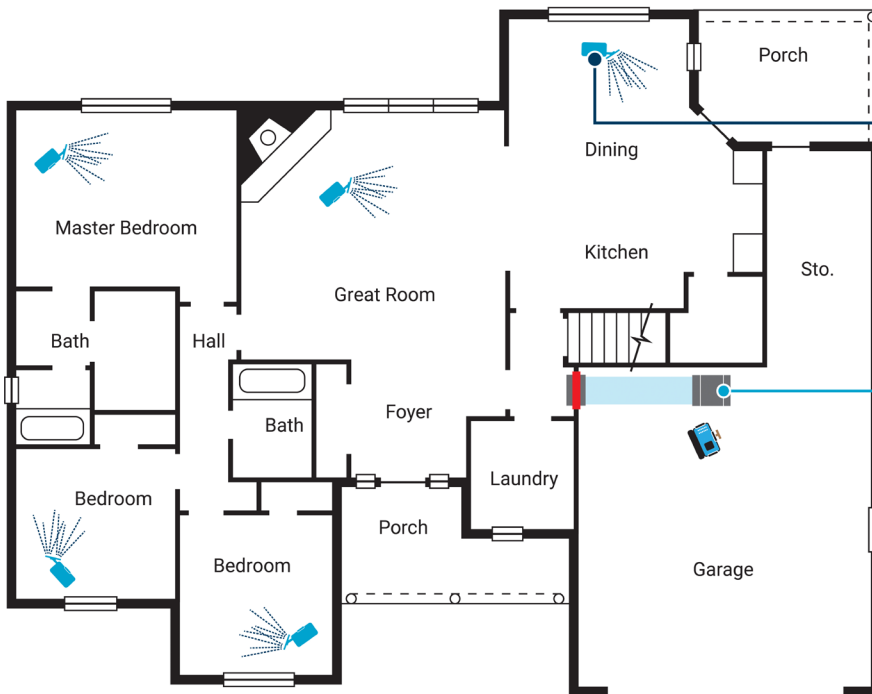
- **Guaranteed** – always meet your desired ACH50
- **Easier** – little effort needed to find and seal leaks
- **Automated** – little to no manual air sealing
- **Faster** – shorter build times
- **Simplified** – one subcontractor responsible
- **More Effective** – seals even leaks you can't see
- **Lower Cost** – save on labor and materials

Single Family Homes



"We were seeking a tighter building envelope and AeroBarrier answered the call. The technology is easily deployable in the field, delivers results immediately which is invaluable, and works well in a fast paced production environment."

Mandalay Homes



INSIDE

SMART SEALING STATIONS

IN GARAGE

Blower door with lay flat tubing connected to the centrifugal fan and heater

MAIN CONTROL UNIT (MCU)

CENTRIFUGAL FAN

HOW AEROBARRIER WORKS

- Like a pressurized building, air inside a balloon is at higher pressure than outside
- If there are leaks in the balloon the air inside will find the leaks & escape outside
- AeroBarrier's atomized sealant uses the same principal – it follows the pressurized air escaping the building and seals the leaks



AEROBARRIER		ENVELOPE SEALING REPORT	
Air Sealing Technology from AeroSeal			
Envelope Sealing Performed For:		Envelope Sealing Progress:	
Client: David Sullivan/Quilley Bellemead, OH Bellemead, OH 45818	AEROBARRIER CASE ID: 0101		
DATE: 8/25/2020	BUILDING TYPE: Single Family Detached AEROBARRIER: AeroBarrier Control		
Envelope Sealing Results:			
BEFORE SERVICE			
3917.3 CFM of Leakage, equivalent to a 471.6 Square Inch Hole, or 17.19 Air Changes per Hour for an 180 sq-ft sealed envelope volume at 25 Pa differential.			
AFTER SERVICE			
195.3 CFM of Leakage, equivalent to a 23.8 Square Inch Hole, or 0.80 Air Changes per Hour			
This represents a 95.0% Reduction in Envelope Leakage			
NOTE: Envelope leakage and air change results are calculated at a standard pressure of 25 Pa.			
Envelope Sealing Performed By:		AeroSeal, LLC 225 Byers Rd Miamisburg, OH 45326 Phone: 937-428-9300	

Simple 4 Step Process



STEP 1 Prep & Setup

- Cover finished horizontal surfaces
- Cover openings not to be sealed
- Set up equipment



STEP 3 Monitor & Finish Sealing

- Monitor air sealing progress
- Progress is reported every 60 seconds
- Verify ACH50 achieved



STEP 2 Pressurize & Begin Sealing

- Pressurize the space
- Input your target ACH50
- Begin computer controlled sealing



STEP 4 Certify Seal Completion & Cleanup

- Software generates Certificate of Completion
- Remove protective coverings and equipment
- Construction work can resume within 30 minutes

"AeroBarrier provides a more cost-effective, less fussy, and much faster way to hit air tightness targets."

Fine Homebuilding