



HSA – RESIDENTIAL DUCT

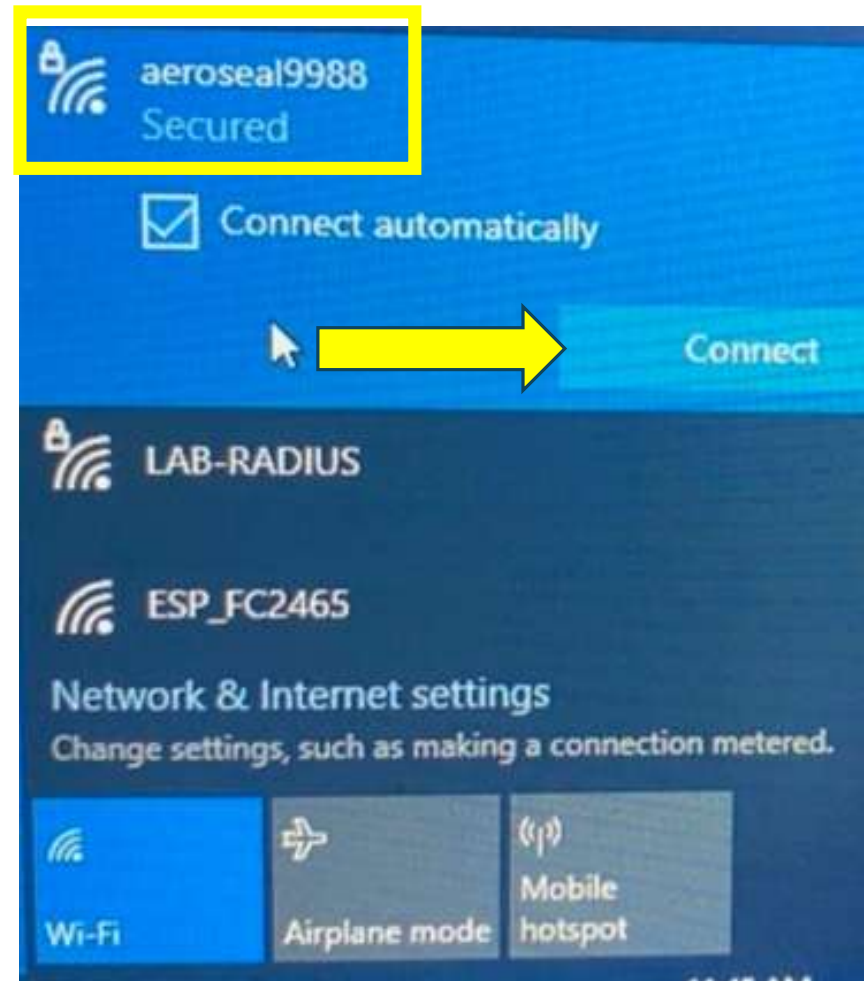
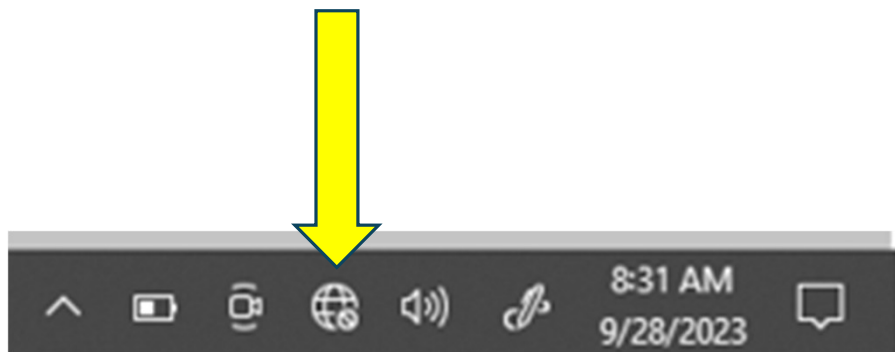
AEROSUITE SOFTWARE

2026



Connect Laptop To FanBox WiFi Router

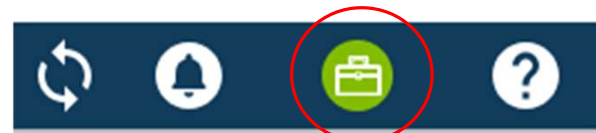
- FanBox MAIN Powered
- Open Available WiFi Networks
- Select The FanBox ID and Connect



WI-FI CONNECTIONS STATUS



- If you go out of range,
 - Clang sound (~20s)
 - Note: If back in range within 10s after clang sound, you can resume regular operation in the seal screen without interruption
 - Boat Horn sound(~30s)
 - Fan Box goes into safe mode
 - In safe mode, only the fan will be “on”. Pump and compressed Air will be turned “Off”. Operator will have to press “Start” button to resume operation.
- When back in Range,
 - a “Connection Tone” will sound.



[Click here to Activate your device](#)

Let's Fix the Leaks



Connect to?

Local

Cloud

User Name*

User Name 6385

Password*

Password 6385



Login

**USE THE CASE ID FOR BOTH
USERNAME AND PASSWORD**

MAINT - BACKGROUND SYNC - NOTIFICATIONS - FANBOX ICON - HELP BUTTON

 Dashboard

 Projects

 Release Notes

 Settings



Optim Tech Training Link

 Logout

Powered by *Optim Tech*

Welcome Technician User

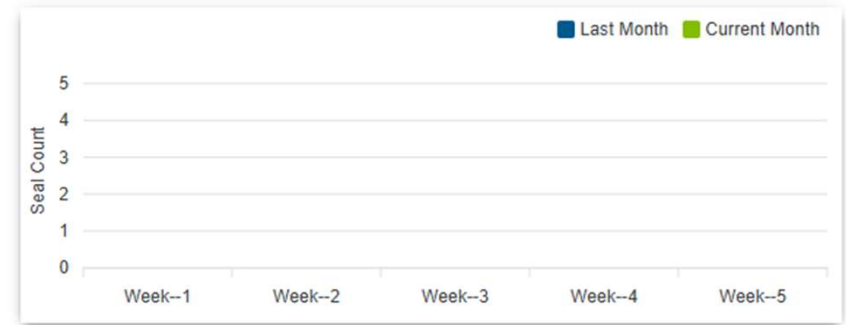
0
Lifetime Total Seals

0
Lifetime Total CFM@0Pa

MAINTENANCE

SYNC

NEW PROJECT



THE DASHBOARD DISPLAYS RECENT ACTIVITY TO VIEW MORE SEAL ACTIVITY, BOTH "VIEW ALL" AND "PROJECTS" OPENS ALL JOBS VIEW



Search By Name

Navigation: < 1 2 3 4 5 6 7 >

NEW PROJECT

Glover Danny 5612
 1 of 1 seals completed RES | 3/19/2024
[Copy](#) [Continue Sealing](#) [View Summary](#)

Sean Demo 5612
 0 of 1 seals completed RES | 3/15/2024
[Copy](#) [Continue Sealing](#) [View Summary](#)

Broadhurst Scott 5612
 0 of 1 seals completed RES | 3/14/2024
[Copy](#) [Continue Sealing](#) [View Summary](#)

Doe John 5612
 0 of 1 seals completed RES | 3/14/2024
[Copy](#) [Continue Sealing](#) [View Summary](#)

NESH SAM 5612
 0 of 1 seals completed RES | 3/14/2024
[Copy](#) [Continue Sealing](#) [View Summary](#)

Diaz Jose 5612
 1 of 1 seals completed RES | 3/14/2024
[Copy](#) [Continue Sealing](#) [View Summary](#)

MC ALLEN 5612
 0 of 1 seals completed RES | 3/13/2024
[Copy](#) [Continue Sealing](#) [View Summary](#)

[Project Name] 5612
 0 of 1 seals completed RES | 3/13/2024
[Copy](#) [Continue Sealing](#) [View Summary](#)

NESH SAM 5612
 0 of 1 seals completed RES | 3/13/2024

[Project Name] 5612
 0 of 1 seals completed RES | 3/12/2024

COLOR CODES:

- GREEN=ALL SEALING EVENTS UNDER THAT PROJECT ARE COMPLETED (certificate printed)
- ORANGE= SOME SEAL EVENTS ARE COMPLETED
- GRAY=NONE OF THE SEALS ARE COMPLETED

- Dashboard
- Projects
- Settings

- Registry**
- Profile
- About
- Preferences
- Run Diagnostics
- Component Checks



Case ID: 5612

Software Information

Type Of Hardware: HSC
Wireless MAC Address: -
License Type: RES
Type of Connection: -

Manometer

make: _UNKNOWN_MAKE_
model: _UNKNOWN_MODEL_
serial_no: _UNKNOWN_SERIAL_NUMBER_

BASIC INFORMATION ABOUT YOUR SYSTEM



Dashboard

Projects

Settings

Registry

Profile

About

Preferences

Run Diagnostics

Component Checks



Dealer Information

Certificate Contractor Name*

City*

State*
Select State

Zip Code*

Country

Mobile Number*

Fax Number

Email*

Upload Dealer Logo

Click here to upload a logo

Clear

Supported formats JPG, PNG; Image Size: 200px x 100px Max; File Size: 2MB Max

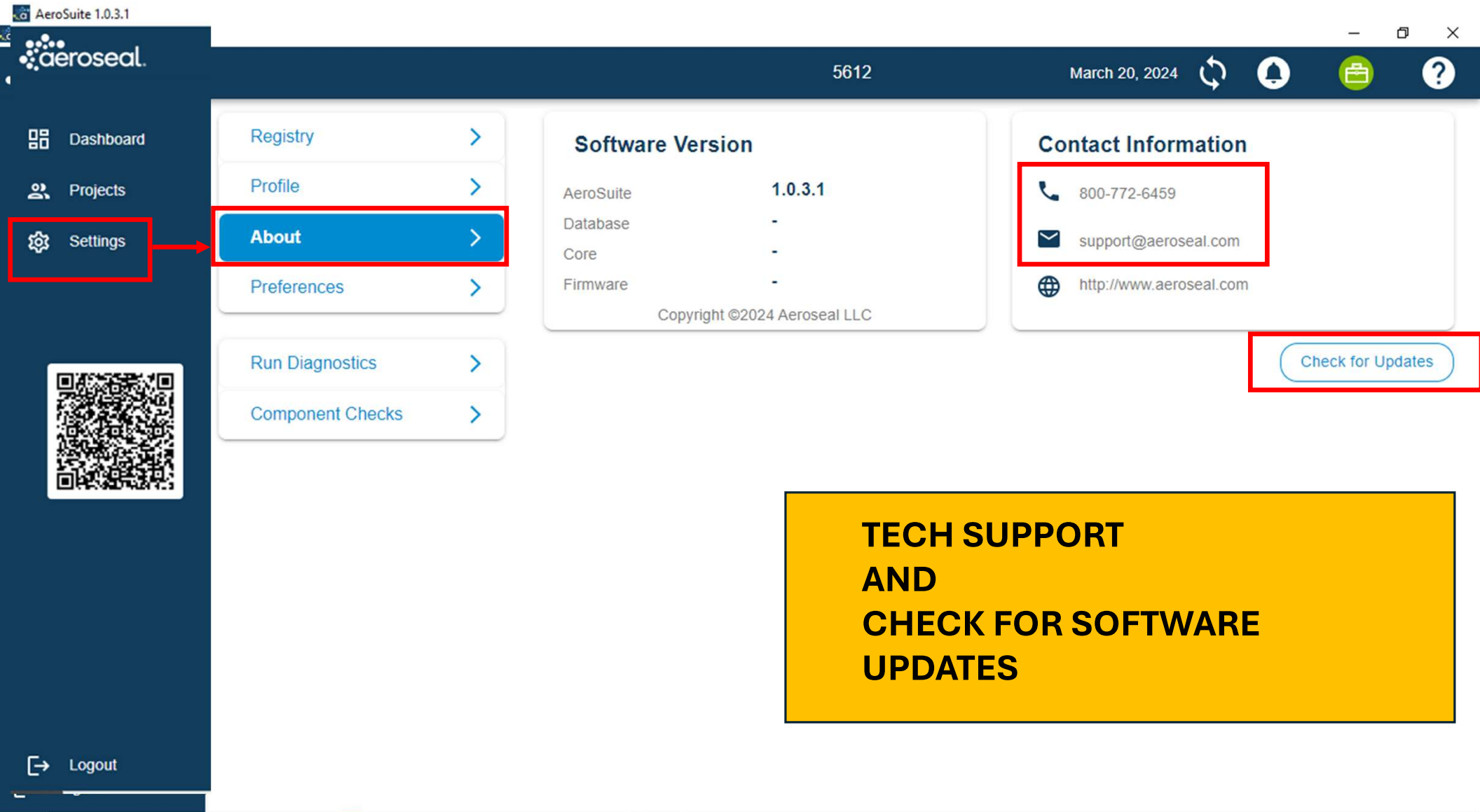
Save

ENTER YOUR DEALER INFORMATION TO APPEAR ON CERTIFICATES

Logout

Search





Dashboard

Projects

Settings

Logout

Registry >

Profile >

About >

Preferences >

Run Diagnostics >

Component Checks >

Software Version

AeroSuite	1.0.3.1
Database	-
Core	-
Firmware	-

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Contact Information

Phone	800-772-6459
Email	support@aeroseal.com
Website	http://www.aeroseal.com

Check for Updates

**TECH SUPPORT
AND
CHECK FOR SOFTWARE
UPDATES**

- Dashboard
- Projects
- Release Notes
- Settings

- Registry
- Profile
- About
- Preferences

Component Checks

Instructions

TO PERFORM HEATER TEST:

- Insert two power cables into both heater power receptacles. Click 'Start Test'. The test will run for 10 seconds, and heater amperage readings will appear under the fan readings

Fan

0% Fan Speed

Automatic Manual

0%

Inlet Gate: 2

Gate Mode: Auto

Reset

Heater Selection

00:00:00

Heater 1 Heater 2

Stop Start

Analog Readings

Heaters	0 V
Relay Board Type	5 V
Inlet Temp	72 °F
Cylinder Temp	69 °F
Inlet Humidity	71.1%
Hydraulic Pressure	0 psi

Fan Readings

Duct Pressure	0 Pa
Fanbox Pressure	0 Pa
Fan Flow	6 CFM
EfLA	-
Duct Leakage	-
Fan Current	1.4 A
Heater 1 Current	0 A
Heater 2 Current	0 A
SSR 1 Temp	80.6 °F

THIS SCREEN IS TO CHECK HARDWARE OPERATION

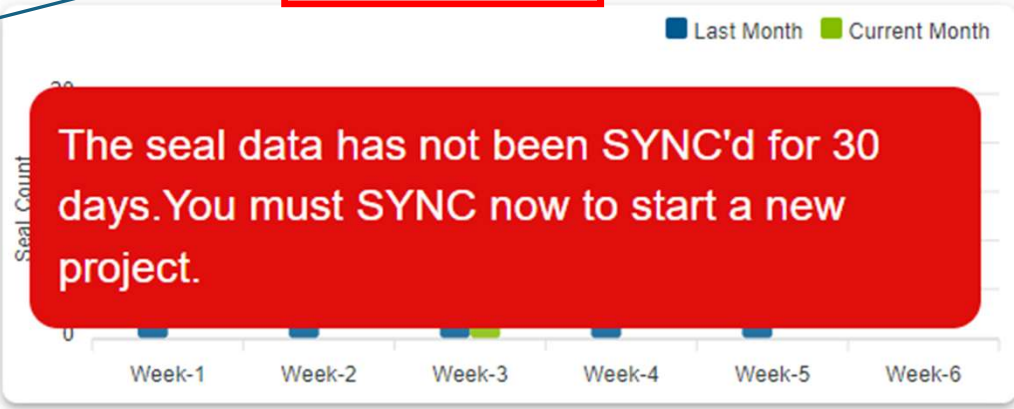
MUST CONNECT AN INTERNET SOURCE TO SYNC

Welcome Technician User

SYNC

NEW PROJECT

YOU MUST PERFORM A SYNC ONCE PER CALENDAR MONTH OR 50 SEALS (WHICHEVER COMES FIRST)



An alert message counts down the days left to perform a Sync. Starting 10 ten days prior, then daily until a Sync is performed.

4
d

[Edit](#) [Manage Sealing Events](#) [View Summary](#)

TEST-ERROR-1 AB | 9933 | 2/26/2024
225 0 of 1 completed

[Copy](#) [Edit](#) [Continue Sealing](#) [View Summary](#)

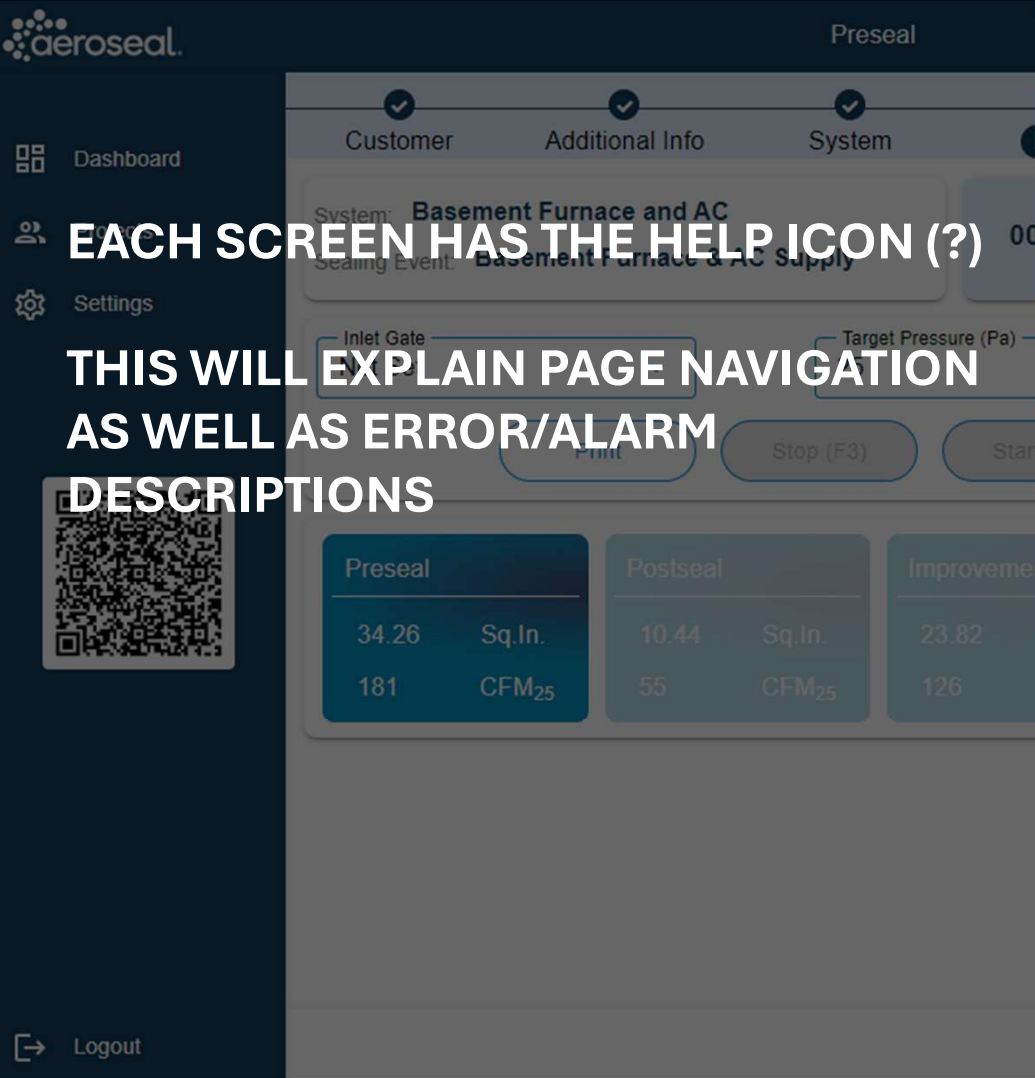
[View All](#)

TAB AB | 9933 | 2/28/2024
3594-bug 0 of 4 completed

[Edit](#) [Manage Sealing Events](#) [View Summary](#)

TAB AB | 9933 | 2/22/2024
wde 0 of 1 completed

[Copy](#) [Edit](#) [Continue Sealing](#) [View Summary](#)



EACH SCREEN HAS THE HELP ICON (?)

THIS WILL EXPLAIN PAGE NAVIGATION AS WELL AS ERROR/ALARM DESCRIPTIONS

Help - title.Preseal

Top Navigation ▾

Left Navigation ▾

Horizontal navigation bar show all the steps involved in the sealing process and highlights the current step in the process.

Preseal Process

Preseal is the first step of the sealing process where you establish the duct leakage before doing any work. After you set up the machine, blue tube and also prep the ductwork registers and injection point, you need to do the following two steps :

1. Choose the inlet gate setting value from dropdown box [Make sure that this matches the actual gate setting on your fan box]. Typically, you would start at Gate 2.
2. Click the Start button. This to start the Preseal. initiates the preseal test sequence. You will notice that the fan ramps up and adjusts speed to get to 25Pa duct pressure. Look for gate change recommendations in the dialog box on the right and make the adjustment on the machine and software appropriately. You will need to do this to get the most accurate pre-seal reading.
Note that real time readings for duct pressure, fanbox pressure, speed and fan flows are displayed on the top right-hand side of the screen as the system stabilizes to find an accurate reading.
3. The Preseal results are displayed on the left-hand side of the screen. The results are reported as CFM25Pa which is the industry standard for Residential homes. ELA (Estimated leakage area) is also displayed for ready use.
4. In some situations where the fan is unable to quickly reach 25Pa, you can take control of the fan by selecting the "Manual" option in the Fan section.

Close

Customer Additional Info System

System: **Training Center**

Sealing Event: **Supply**

Inlet Gate: Not Set

Set Fluid Level (%): 0

Stop (F3) Start

Sprayer Heater 1 Heater

Sprayer Temp: 81.2 °F

Cylinder Temp: 69.9 °F

200.00
160.00
120.00
80.00
40.00
0.00

0 6 12 18 24

Emergency Stop (Esc)

ON SEALING SCREEN- ERROR/ALARM DESCRIPTIONS AND VALABLE TROUBLESHOOTING STEPS



Help - Sealing



In case of an alarm, you will need to fix the abnormality and then that you can press the 'Pause' button to pause sealing any time. 'Emergency stop' button on the bottom left is available to shut down the entire system after which you will need to re-start the entire sealing sequence to re-commence.

Quick troubleshooting tips for alarms and warnings during SEALING stage.

1. Blown Seal Alarm occurs when software detects a sudden change in leakage
2. Low Compressed Air Alarm
3. Danger of Raining Sealant Alarm
4. Low Duct Pressure
5. Sprayer Overheating Alarm is caused when:
6. High Duct Pressure
7. Fan box Pressure Low (Click for more details)
8. Low Duct Flow (Fan air flow below 150 CFM)



Close



- Dashboard
- Customers
- Settings

Customer Additional Info System

System: **Training Center**

Sealing Event: **Supply**

Inlet Gate: Not Set

Set Fluid Level (%): 0

Sprayer Temp: **81.2 °F**

Cylinder Temp: **69.9 °F**

Leakage @ CFM₂₅

Emergency Stop (Esc)

**THE DOWN ARROW
OPENS TROUBLESHOOTING
STEPS ASSOCIATED WITH THE
ALARM**

Help - Sealing

In case of an alarm, you will need to fix the abnormality and then press Start to re-start the sealing. Note that you can press the 'Pause' button to pause sealing any time. 'Emergency stop' button on the bottom left is available to shut down the entire system after which you will need to restart the entire sealing sequence to re-commence.

Quick troubleshooting tips for alarms and warnings during SEALING stage.

- Blown Seal Alarm occurs when software detects a sudden change in leakage**
 - 1. Check for blown Register blocker or any disconnected duct work.
 - 2. Sudden change in Blue tube pressure
 - Check for pinched or crushed tubes
 - Check for tube dislodged from duct or the machine
 - Check for Windy conditions that would hurl layflat tubing around. Secure the same to get stable manometer readings.
 - 3. Sudden changes in Fanbox pressure due to windy conditions or disturbances at the bulkhead reference port on the fan box lid.
 - Reposition fan box or shield from air disturbances.
 - Low Compressed Air Alarm
 - Danger of Raining Sealant Alarm
- Close



2026

| CREATING A
NEW PROJECT

- Dashboard
- Projects
- Release Notes
- Settings

Welcome Technician User

SYNC

NEW PROJECT

4
Lifetime Total Seals

130
Lifetime Total CFM@50Pa



Recent Activity

[View All](#)

Rescomm - 1 COMM | 9988 | 8/8/2025
 225 Byers Road 0 of 1 seals completed

[Edit](#) [Manage Sealing Events](#) [Print Summary Report](#) [View Summary](#)

23232 ca RES | 9988 | 8/8/2025
 af 0 of 0 seals completed

[Copy](#) [Continue Sealing](#) [View Summary](#)

No image No notes RES | 9988 | 8/7/2025
 225 Byers Road 0 of 0 seals completed

[Copy](#) [Continue Sealing](#) [View Summary](#)

Test New - Image RES | 9988 | 8/7/2025
 225 Road 0 of 0 seals completed

[Copy](#) [Continue Sealing](#) [View Summary](#)



Optim Tech Training Link

Logout



Dashboard

Projects

Settings




Residential Retrofit



Residential New Construction (RNC)

SELECT THE TYPE OF PROJECT

Logout



- Dashboard
- Projects
- Release Notes
- Settings

Home Owner's Information

First Name*	Middle Name	Last Name*
Address*		ZipCode*
City*	State/Region*	Country*
Email*	Mobile Number*	Preferred Communication Mode

Job Information

Floor Area (ft²)*	# of floors	# of rooms	Is Basement Finished?
SQ FOOTAGE OF ENTIRE HOME	-	-	-
Why getting sealed?*	How was this job sold?*		
- Free or demo seal	FOR NON-REVENUE JOBS (ONLY)		

Standard	Target Unit	Target Value
NONE	-	-

WHEN CHOOSING A STANDARD - USE THE PULLDOWN FOR OPTIONS - (SEE FOLLOWING)

Notes

Attachments



Manage Sealing Events

Save

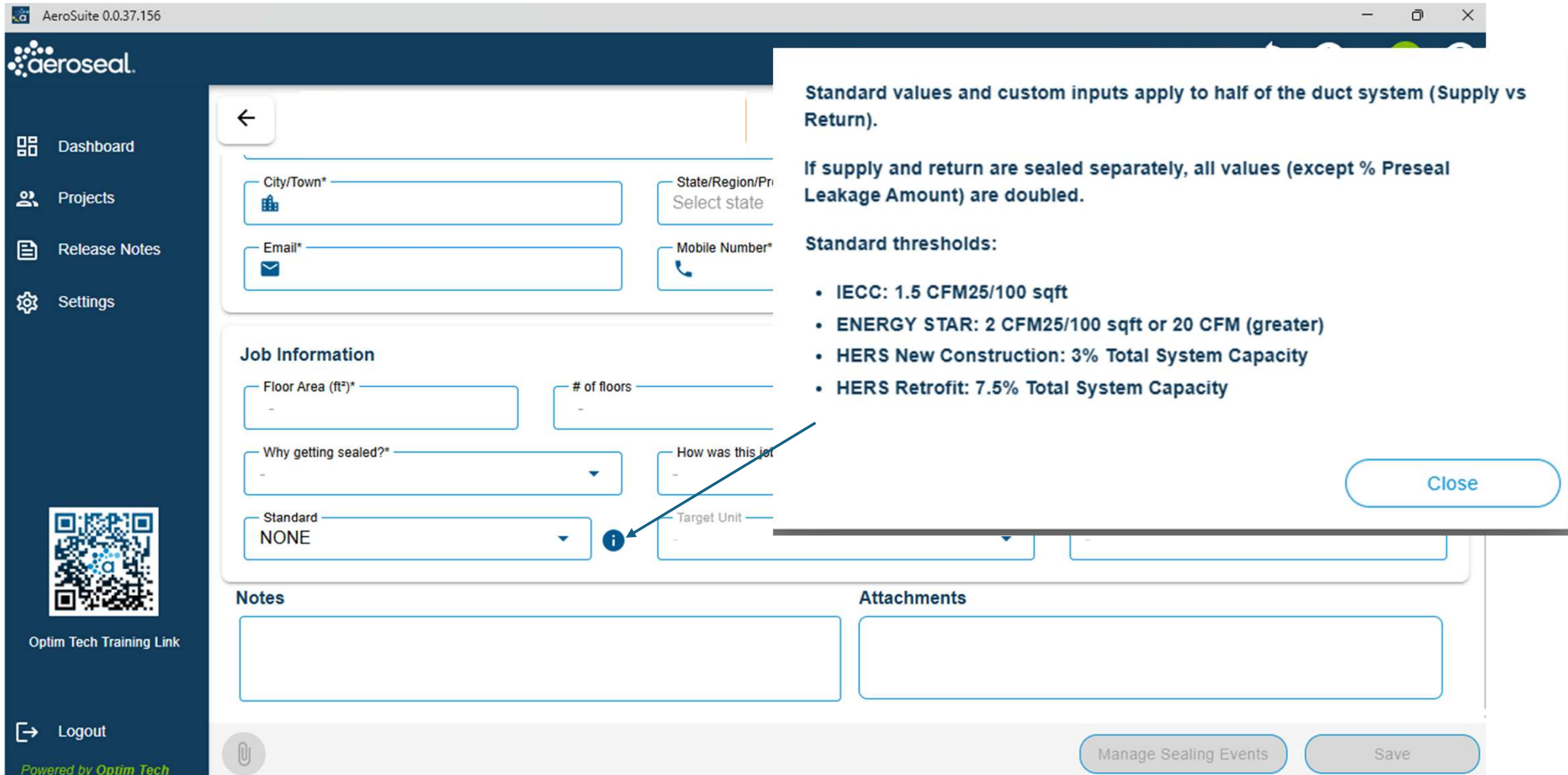
Logout



Optim Tech Training Link

CHOSING A “STANDARD” - WILL APPEAR AS A “GOAL-LINE” OF THE SEALING GRAPH AND A “MEETS” STATEMENT ON THE SEAL CERTIFICATES

AeroSuite 0.0.37.156



The screenshot displays the AeroSuite software interface. On the left is a dark blue sidebar with navigation options: Dashboard, Projects, Release Notes, and Settings. Below these is a QR code labeled 'Optim Tech Training Link' and a 'Logout' button. The main content area is a light gray form titled 'Job Information' with fields for City/Town, State/Region/Pr, Email, Mobile Number, Floor Area (ft²), # of floors, Why getting sealed?*, How was this job, Standard (set to NONE), and Target Unit. An information icon (i) is located next to the Standard dropdown. A pop-up window on the right contains the following text:

Standard values and custom inputs apply to half of the duct system (Supply vs Return).

If supply and return are sealed separately, all values (except % Preseal Leakage Amount) are doubled.

Standard thresholds:

- IECC: 1.5 CFM25/100 sqft
- ENERGY STAR: 2 CFM25/100 sqft or 20 CFM (greater)
- HERS New Construction: 3% Total System Capacity
- HERS Retrofit: 7.5% Total System Capacity

A 'Close' button is at the bottom right of the pop-up. At the bottom of the main interface are buttons for 'Manage Sealing Events' and 'Save'.

- Dashboard
- Projects
- Release Notes
- Settings

Preseal **Seal** Cooldown Postseal Certificate

System: **LAYFLAT TEST**
 Injection Description: **Direct Injection**

Inlet Gate: 4 Gate Mode: Auto Fluid Level (%): 54

Pause(F4) Stop(F3) Start(F2)

Pump Hydraulic Pressure: **92 psi**

H1 (0.0 A) H2 (0.0 A) Cylinder Temp: **168.2 °F**



Fan Fan Speed: 0% Automatic Manual

EfLA Fan Flow Duct Pa

Sealing completed. Navigate to results to view certificate.

54%

Fluid Left: 0hr 26min
 Pump Status: OFF
 CC/M: 0
 Pump Temp: 66.20 °F

Fanbox Pressure

Leakage: -
 Duct Leakage(% Sys): -
 Inlet Humidity: 68.8%
 Inlet Temp: 79.4 °F

E Stop (Esc) Reset Gate Previous (F8) Next (F9)



Optim Tech Training Link

Logout

STANDARDS APPEAR ON CERTIFICATES CUSTOM VALUES DO NOT

Standard
IECC

Target Unit
CFM/100ft²@25Pa

Target Value
1.5

Save



Standard
ENERGY STAR

Target Unit
CFM/100ft²@25Pa

Target Value
2

Save



Standard
Custom

Target Unit*
% Total System Capacity

Target Value*
13

Save



YOU MAY ALSO CHOOSE A **STANDARD** FOR ALL YOUR PROJECTS FROM PREFERENCES

AeroSuite 0.0.37.156

7532

aeroseal.

Registry >

Profile >

About >

Preferences >

Component Checks >

Hardware Maintenance >

Language Setting
English (United States)

Units of Measurement
US Units

Certificate Option
Basketball

Standard
NONE

- NONE
- IECC
- ENERGY STAR
- HERS New Construction
- HERS Retrofit
- Custom

Dashboard

Projects

Release Notes

Settings

Optim Tech Training Link

Logout

Powered by Optim Tech

- Dashboard
- Projects
- Release Notes
- Settings

Home Owner's Information

First Name*	Middle Name	Last Name*
Address*	ZipCode*	
City*	State/Region* Select State	Country* USA
Email*	Mobile Number*	Preferred Communication Mode OFFLINE

Job Information

Floor Area (ft²)*	# of floors	# of rooms	Is Basement Finished?
Why getting sealed?*	How was this job sold?*		
Standard	Target Unit	Target Value	

Notes

Notes text area

Attachments

**WHEN FORM IS COMPLETE – HIT SAVE BUTTON
PROCEED TO ADD SYSTEM AND SEAL EVENTS**



Manage Sealing Events

Save

Optim Tech Training Link

Logout

- Dashboard
- Projects
- Release Notes
- Settings



System and Sealing Events

Add System

Sealing an air handling system can in some circumstances result in back-drafting of naturally drafted appliances, which can cause carbon monoxide to enter the home. If the residence contains within the conditioned airspace a naturally drafted combustion appliance, such as a water heater or 80% efficiency furnace, a Combustion Area Zone test must be performed in accordance with ANSI / ACCA 12 QH-2014, Section 3.2.2, Appendix A Section A4 (Depressurization Test for the Combustion Appliance Zone). If the test reveals back-drafting then additional combustion air sources must be added until the back drafting is prevented.



Acknowledge Continue

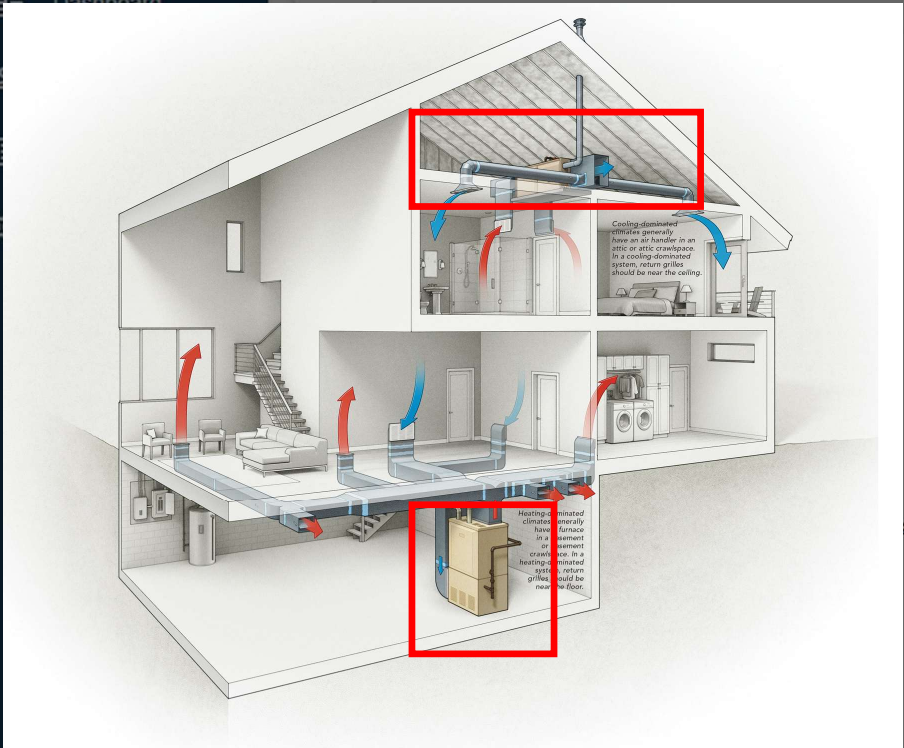
Click **Add System** to create a new system for sealing. After the system is created, select it to add **Sealing Events**.



Optim Tech Training Link

Logout

EACH **SYSTEM**, CAN HAVE MULTIPLE **SEAL EVENTS**



System Details

“EXAMPLE DATA ENTRIES”

Description of System* “BASEMENT UPFLOW FURNACE”	Main equipment model “TRANE MODEL S8X2”
A/C (tons)* “3.5”	Furnace Capacity (kBTU/h) “80”
Area Served (ft²) 1200	

AREA SERVED IS THE AREA BY THIS SYSTEM SERVICES

**IF MORE THAN ONE HVAC SYSTEM IN THE HOME-
EACH SYSTEM SERVICES A PORTION OF THE TOTAL SQUARE
FOOTAGE OF THE HOME**

***THIS FIELD WILL DEFAULT TO TOTAL SQUARE FOOTAGE ENTERED
FOR PROJECT ADDRESS**

Cancel

Save

System and Sealing Events

Add SystemAdd Sealing Event

System-1

Model: Model-1	Furnace Capacity: 14.0 kBTU/h
A/C: 4.0 tons	Area Served: 1200.0 ft ²
Seal Count: 0 / 0	Edit

aeroseal. System and Event Details 9933

←

Add System

Dashboard

Projects

Release Notes

Settings

Optim Tech Training Link

Logout

Powered by Optim Tech

- Injection Description*
- Plenum Injection
 - Trunk Injection
 - WYE Kit/Register Injection
 - Direct Injection

“EXAMPLE DATA ENTRIES”

Sealing Event Details

IECC Seal ⓘ

Injection Description* -

Fan Capacity (CFM)* 1600.0

Technician Name - “PULLDOWN & SELECT” ⓘ

(SEE FOLLOWING SLIDE)

Supply/Return* Select Duct System “PULLDOWN & SELECT”

Duct Construction Type* - “PULLDOWN & SELECT”

Status NewSealingEvent

Close Save

aeroseal. System and Event

Customer Additional Info **System**

Add System Add Sealing Event

Test System / Test Seal

A/C (tons)	Furnace (kBTU/h)	Type
3	300	Exhaust

Logout

TECHNICIAN NAME IS REQUIRED ON EVERY SEAL EVENT CREATED

FOR A TUTORIAL ON HOW TO ADD YOUR TECHNICIAN NAMES – CLICK ON THE INFORMATION ICON

FOLLOWING CERTIFICATION TRAINING- CERTIFIED TECHNICIAN NAMES WILL BE ADDED TO OUR DATA BASE REQUIRING A SYNC OF YOUR MACHINE LAPTOP FOR THEM TO APPEAR IN YOUR SOFTWARE

System Details

Description of System*
A/C (tons)*
Area Served (ft*)
Main equipment model
Furnace Capacity (kBTU/h)

Sealing Event Details

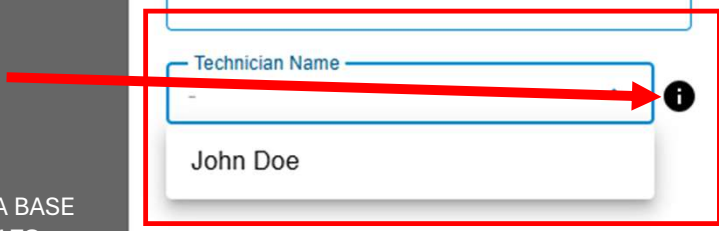
IECC Seal ⓘ

Description Of Sealing Event*
Fan Capacity (CFM)
Technician Name
Supply/Return*
Duct Construction Type*
Status

John Doe

NewSealingEvent

Close Save



aeroseal.


System

Customer Additional Info System

Add System Add Sealing Event

Dashboard Customers Settings Logout

IF THIS SEAL EVENT IS FOR IECC CODE COMPLIANCE – CHECK THE “IECC” BUTTON AND ADD THE ADDITIONAL INFORMATION



System Details

Description of System*

Main equipment model

A/C (tons)*

Furnace Capacity (kBTU/h)

Area Served (ft²)

Sealing Event Details

IECC Seal ⓘ Checking this box will turn this Sealing Event into an IECC 2021: R402.4.1.2 Certified Seal.

Description Of Sealing Event*

Supply/Return*

Fan Capacity (CFM)

Duct Construction Type*

Technician Name* ⓘ

Status

Fan Injection Point*

Location of Pressure Probes*

Close Save

62°F Cloudy 9/27/2023



CERTIFIED LEAKAGE REPORT

Duct sealing performed for:

Demo for Editing Fields
225 Byers Rd
Miamisburg, SC 45342
Phone: (777) 777-7777

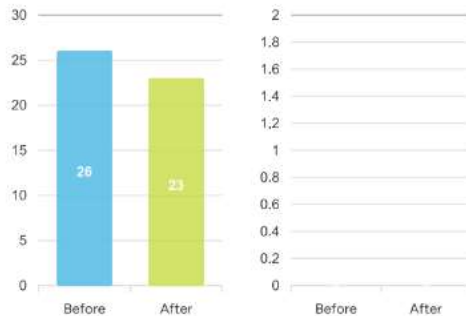
Aeroseal Co
Date: 3/3/2

System Description: Test System Description
Seal Description: optim tech seal event
Hardware: Homeseal Connect
Area Served by Air Handler: 21528.0 ft²
Square Footage of Residence: 21528.0 ft²

Manometer Serial Number : 900330
Pressurization of Ductwork: **Positive**
Fan Injection Point: FGCHVBJM
Pressure Probe Location: HGVJBM

IECC
CERTIFICATES

Leakage (CFM@25Pa) Leakage (CFM/100ft²@25Pa)
21528.00 ft² of conditioned floor area.



Duct leakage results are calculated in CFM calculated at a STANDARD OPERATING PRESSURE of 25 Pa.

Initial leakage equivalent to
4.9 Sq.In

Final leakage equivalent to
4.4 Sq.In

Final leakage @ 25Pa
0.1 CFM/100ft²@25Pa

Leakage as % of system capacity
1.3 % **1.2 %**
Before After



Going Beyond Any Other Energy Reduction Service



Scan for more details



Duct sealing performed by:

AEROSUITE DEALER
225 BYERS RD
MIAMISBURG, AZ 45342
Phone: (222) 222 2222

Aeroseal process uses DuctSeal sealant that is certified to meet requirements listed in UL 1381 standard - "Outline of Investigation for Aeroseal Duct Sealant"

CERTIFIED LEAKAGE REPORT

System Description: Dev SS-1
Seal Description: Dev SE-1
Hardware: Homeseal Connect

Area Served by Air Handler: 1200 ft²
Square Footage of Residence: 1100.0 ft²
Manometer Serial Number: **_UNKNOWN_SERIAL_NUMBER_**

Pressurization of Ductwork: **Positive**

Fan Injection Point: **PLENUM**

Pressure Probe Location: **FURTHEST REGISTER BOOT**

- Dashboard
- Projects
- Release Notes
- Settings



Optim Tech Training Link

Logout

Powered by Optim Tech

System and Sealing Events

[←](#)

[Add System](#)

WHICHEVER SYSTEM IS HIGHLIGHTED

- sys1** (Selected)
 - Model: m1
 - Furnace Capacity: 12.0 kBTU/h
 - A/C: 5.0 tons
 - Area Served: 1200.0 ft²
 - Seal Count: 0 / 2
 - [Edit](#)
- ss1**
 - Model: m2
 - Furnace Capacity: 14.0 kBTU/h
 - A/C: 5.0 tons
 - Area Served: 0.0 ft²
 - Seal Count: 0 / 0
 - [Edit](#)

[Add Sealing Event](#)

ONLY THOSE SEAL EVENTS ASSOCIATED APPEAR

- sea1-edit**
 - Supply/Return: Supply
 - Fan Capacity: 2300.0 CFM
 - Duct Construction Type: 300 Pa
 - [View Details](#) [Continue Sealing](#)
- sea2**
 - Supply/Return: Supply
 - Fan Capacity: 2000.0 CFM
 - Duct Construction Type: 400 Pa
 - [View Details](#) [Start Sealing](#)

- TO PROCEED –**
- CLICK START SEALING
 - OR CONTINUE SEALING

aeroseal.

- Dashboard
- Projects
- Release Notes
- Settings



Optim Tech Training Link

Logout

Powered by Optim Tech



System: s1
Sealing Event: se1
00:00:00

Inlet Gate: Not Set
Gate Mode: Auto
Target Pressure (Pa): 25

Print Stop(F3) Start(F2)

	CFM@25Pa	Sq.In
Preseal		
Postseal		
Improvement		

Fan

0% Fan Speed

Automatic Manual

0.0 Pa 0.0 Pa -

Duct Pressure Fanbox Pressure Fan Flow

- Do a Fog Test to find disconnected ductwork, loose register blocks, or other openings.

- Select a "Gate Mode". If Manual or SemiAuto chosen, select an "Inlet Gate" that matches with the fanbox setting
- Click on "Start" button to run Leakage Test

**TO PERFORM A FOG TEST PRIOR TO PRESEAL
SEE 5-F PROTOCOL
- SEE FOLLOWING PAGE**

EACH SEAL EVENT PRODUCES ITS OWN SEAL CERTIFICATE

Next (F9)



The 5 F's



FOG – IT

Inject fog through the fanbox into the duct system you are sealing



FIND – IT

- Missing or leaking blocks
- Damaged or disconnected ductwork
- Areas of significant overspray



FEEL – IT

Perform preseal leak test prior to making any repairs or manual sealing



FIX – IT

Proceed to making any necessary duct repairs

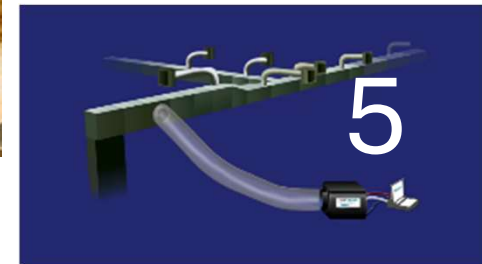


FINISH – IT

Inject sealant



	CFM@25Pa	Sq. In
Preseal	139.9	26.4
Postseal		
Improvement		



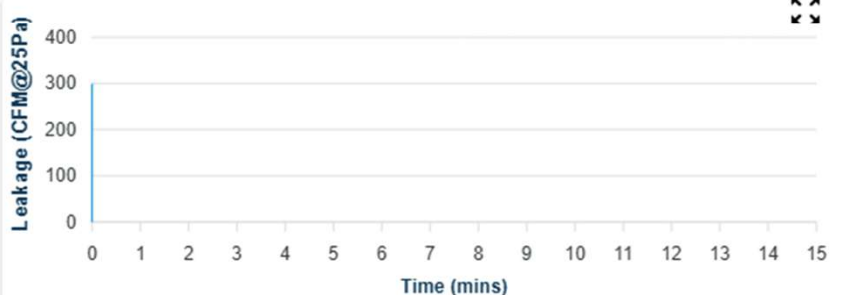
Preseal **Seal** Cooldown Postseal Certificate

System: **s1**
Sealing Event: **se1** 00:00:00

Inlet Gate: **2** Gate Mode: **Auto** Fluid Level (%): **0**

Pause(F4) Stop(F3) Start(F2)

Pump Hydraulic Pressure: **0 psi** **Heater 1** Cylinder Temp: **69.0 °F** Volt: **0.00 V** **Heater 2**



Leakage (CFM@25Pa) vs Time (mins)

Fan **Automatic** **Manual** Fan Speed: **0%**

EfLA: - Fan Flow: - Duct Pa: **0.07 Pa**

- Select a "Gate Mode". If Manual or SemiAuto chosen, select an "Inlet Gate".
- Set "Fluid Level"
- Click on "Start" button to start sealing

Fluid Left: **0hr 0min** Pump Status: **OFF** CC/M: **0** Pump Temp: **68.00 °F**

Fluid level: **0%**

Fanbox Pressure: **0.0 Pa** Leakage: **0 CFM@25Pa** Duct Leakage(% Sys): - Inlet Humidity: **71.1%** Inlet Temp: **72.0 °F**

E Stop (Esc) Previous (F8) Next (F9)

IF NEEDED, THERE IS A **GATE RESET BUTTON** TO ALLOW THE AUTO-GATE TO RETURN TO A DEFAULT POSITION

AeroSuite 0.3.0.0

Preseal 9986 February 16, 2026

Sealing Event saved successfully.

Preseal Seal Cooldown Postseal Certificate

System: **HSA3 Gate Reset**
Injection Description: **WYE Kit/Register Injection** 00:00:00

Inlet Gate: Not Set Gate Mode: Auto Target (Pa): 25

Print Stop(F3) Start(F2)

Fan 0% Fan Speed Automatic Manual

0.0 Pa Duct Pressure -0.0 Pa Fanbox Pressure - Fan Flow

CFM@25Pa Sq.In

Preseal
Postseal
Improvement

Optim Tech Training Link

Logout

Powered by Optim Tech

E Stop (Esc) **Reset Gate** Previous (F8) Next (F9)

- No gate detected. Press "Reset Gate" to continue.
- Do a Fog Test to find disconnected ductwork, loose register blocks, or other openings.
- Select a "Gate Mode". If Manual or SemiAuto chosen, select an "Inlet Gate" that matches with the fanbox setting.
- Click on "Start" button to run Leakage Test.

aeroseal.

- Dashboard
- Projects
- Release Notes
- Settings



Optim Tech Training Link

Logout

Powered by Optim Tech

Sealing 9933

PresealSealCooldownPostsealCertificate

System: **s1**
Sealing Event: **se1**

00:00:00

Inlet Gate: 2Gate Mode: AutoSet Fluid Level (%): 96

Pause(F4)Stop(F3)Start(F2)

Fan

0% Fan Speed

Automatic Manual

0%

EfLAFan Flow0.07 Pa Duct Pa

Pump

Hydraulic Pressure **0 psi**

Heater 1


Cylinder Temp **69.0 °F**

Heater 2

Volt **0.00 V**

System is currently sealing.

GRAPHLINE WILL BEGIN TO TRACK SEALING PROGRESS



Leakage (CFM@25Pa)

Time (mins)

Fluid level
96%

Fluid Left	1 hr 2 min
Pump Setting	ON
CC/M	58

Fanbox Pressure	-45.6 Pa
Duct Leakage	36 CFM ₂₅
Duct Leakage (% Sys CFM)	2.6%
Inlet Humidity	54.4%
Inlet Temp	79 °F

E Stop (Esc)Previous (F8)Next (F9)

System: **Test HSC**

Sealing Event: **Test Run 1**

00:04:10

Fan

Automatic

Manual

Inlet Gate

3

100%

Fan Speed

0 %

Effective leakage area is now at **3 square inches**. Please proceed to system flushing and cool-down. If a tighter seal is desired, please begin the Low Seal Protocol:

- Pause the sealing process.
- Remove a register block from a register at the far end of the system.
- Install layflat or other material to vent this duct to the outside.
- Resume sealing until the sealing process flat-lines.
- Pause the sealing process and re-install the removed register block.
- Repeat as necessary on other ductwork runs as required.
- Proceed as normal with flushing and cool-down.

[More Details...](#)

[Stop Sealing](#)

[Continue](#)

68.7 CFM

Fan Flow

317.82 Pa

Duct Pa

Please proceed to system flushing and cool-down. If a tighter seal is desired, please begin the Low Seal Protocol. Sealing is paused. Please click "START" to continue sealing.

Leakage @ CFM₂₅

150

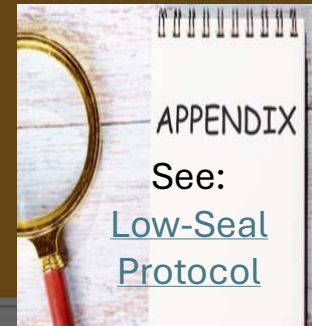
100

50

0

Sealing is Paused

**AT 3 SQUARE INCHES, YOU MUST STOP SEALING
UNLESS UTILIZING THE LOW-SEAL PROTOCOL STEPS AS LISTED**



Fanbox Pressure

-23.7 Pa

Duct Leakage

15 CFM₂₅

Duct Leakage (% Sys CFM)

1.9%

Inlet Humidity

71.1%

Inlet Temp

72 °F

Fluid level

47%

Fluid Left

0 hr 30 min

Pump Setting

OFF

CC/M

0

Emergency Stop (Esc)

Previous (F8)

Next (F9)

- Dashboard
- Projects
- Manage Users
- Settings



Logout

System: **Test**
Sealing Event: **Demo**

00:00:00

Cooldown Time
2 mins

Stop (F7) Start (F6)

Fan

59.6%
Fan Speed

Automatic Manual

0 %

83.76 °F
Cylinder Temp

99.8 Pa
Duct Pa

-23.7 Pa
Fanbox Pa

Select the number of minutes you wish to cooldown the system and click start.

Previous (F8) Next (F9)



System: **Test**
Sealing Event: **Demo**
00:00:00

Inlet Gate: 2
Gate Mode: **Auto**
Target Pressure (Pa): 25

Stop (F3) Start (F2)

Fan 59.6% Fan Speed
Automatic Manual
0%

100 Pa Duct Pressure | -24.3 Pa Fanbox Pressure | 288.8 CFM Fan Flow

	CFM@25Pa	Sq.In
Preseal	139.9	26.4
Postseal	15.0	2.8
Improvement	124.9	23.6

- Select a "Gate Mode". If Manual or SemiAuto chosen, select an "Inlet Gate" that matches with the fanbox setting
- Click on "Start" button to run Leakage Test

- Dashboard
- Projects
- Settings



Logout

Customer Additional Info System Preseal Seal Flush/Cooldown **Postseal** Certificate

System: **BASEMENT UPFLOW**
 Sealing Event: **SUPPLY - PLENUM INJECTION**
 00:01:36

Inlet Gate: 4 Target Pressure (Pa): 48

Stop (F3) Start (F2)

Fan

0% Fan Speed

Automatic Manual

0.84 Pa 0.23 Pa -

Duct Pressure Fanbox Pressure Fan Flow

	CFM@25Pa	Sq.In
Preseal	139.9	26.4
Postseal	15.0	2.8
Improvement	124.9	23.6

Postseal leakage test is completed. Please check the results.

Previous (F8)

Next (F9)

Customer

Additional Info

System

Preseal

Seal

Flush/Cooldown

Postseal

Certificate



CERTIFIED LEAKAGE REPORT

Duct sealing performed for:

A Akshai
225 Byers Rd
Miamisburg, OH 45342
Phone: (123) 456 7890

Aeroseal Case ID:9986
Technician Name:9986
System Description:Test HSC
Seal Description:Test Run 1
Hardware:Homeseal Connect
Date:1/16/2024

Initial Leakage
121 CFM₂₅ = 22.8 sq. in. hole

Equivalent to throwing
121 basketballs of air outside of
your conditioned space every minute



Final Leakage
12 CFM₂₅ = 2.3 sq. in. hole

Equivalent to throwing
12 basketballs of air outside of
your conditioned space every minute

Leakage - 15.1%
System Capacity - 84.9%



Leakage - 1.5%
System Capacity - 98.5%



This preview of the certificate is not official.

Going Beyond Any Other Energy Reduction Service



Scan for more details.



Aeroseal
aeroseal.com
877-FIX-DUCT
info@aeroseal.com

Duct sealing performed by:
Aeroseal Developer
225 Byers Rd



Language
English (United States)

Certificate Option
Basketball

Basketball

Bar Graph

Line Graph

**CHOOSE THE
CERTIFICATE
REPRESENTATION
OF CHOICE AND
PRINT AS DESIRED**



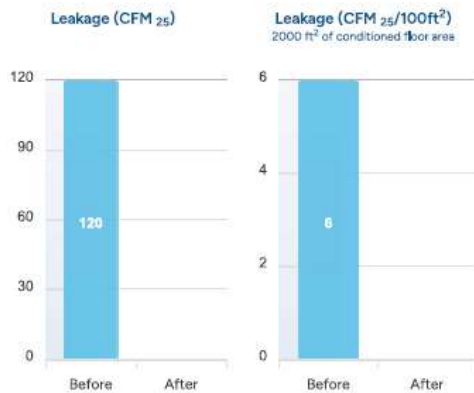
CERTIFIED LEAKAGE REPORT

Duct sealing performed for:

AeroSeal Customer
225 Byers Rd
Miamisburg, OH 45342
Phone: (123) 456 7890

AeroSeal Case ID:9986
System Description:Test Supply System
Seal Description:Test Event 1
Hardware:Homeseal Connect

Technician Name:9986
Date:1/19/2024



Duct leakage results are calculated in Cubic Feet per Minute (CFM) calculated at a STANDARD OPERATING PRESSURE of 25 Pa.

Initial leakage equivalent to **22.6 sq. in. hole**

Final leakage equivalent to **1.1 sq. in. hole**

Final leakage @ 25Pa
.3 CFM/100 sq ft.

Leakage as % of system capacity

15.0% Before **.7%** After

95.0% Improvement

50 Equivalent to planting 50 trees

Going Beyond Any Other Energy Reduction Service



Scan for more details.

AeroSeal
aeroSeal.com
877-FIX-DUCT
info@aeroSeal.com



Duct sealing performed by:

AeroSeal Developer
225 Byers Rd
Miamisburg, OH 45342
Phone: (123) 457 8900

Dealer Logo here



AeroSeal process uses DuctSeal sealant that is certified to meet requirements listed in UL 1381 standard - "Outline of investigation for AeroSeal Duct Sealant"



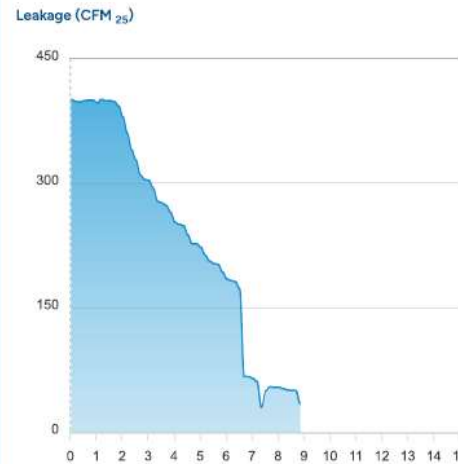
CERTIFIED LEAKAGE REPORT

Duct sealing performed for:

Testing HSC Latest
225 Byers rd
Miamisburg, OH 45342
Phone: (111) 111 1111
Square Footage: 1000

AeroSeal Case ID:9890
System Description:Flushing check
Seal Description:5257, 5252
Hardware:Homeseal Connect

Technician Name:9890
Date:8/19/2024



Duct leakage results are calculated in Cubic Feet per Minute (CFM) calculated at a STANDARD OPERATING PRESSURE of 25 Pa.

	Initial	Final
CFM ₂₅	399	8
CFM ₂₅ /100 ft ²	39.9	.8
Equivalent Hole Size	75.4 in ²	1.6 in ²
% System Capacity	49.9%	1.1%

97.9% Improvement

50 Equivalent to planting 50 trees

Going Beyond Any Other Energy Reduction Service



This QR code Scan for more details links to **AeroSeal website**

AeroSeal
aeroSeal.com
877-FIX-DUCT
info@aeroSeal.com



Duct sealing performed by:

Phone:


AeroSeal process uses DuctSeal sealant that is certified to meet requirements listed in UL 1381 standard - "Outline of investigation for AeroSeal Duct Sealant"

NPS (NET PROMOTER SCORE) PROGRAM

Language
English (United States) ▾

Certificate Options
Basketball ▾

Unit
US Units ▾

 Print

Run Additional Seal

Start New Project

Mark Project Complete

Note: If all seal events at this project (13577 Red Rover Lane, Red City, AK, 11111) are complete, click 'Mark Project Complete'. This action will lock the project, preventing any further systems or sealing updates.

Customer Additional Info System Preseal Seal Flush/Cooldown Postseal

CERTIFIED LEAKAGE REPORT

Are you sure you want to mark this project as completed?

If all seal events at this project (13577 Red Rover Lane, Red City, AK, 11111) are complete, click 'Confirm'. Proceeding will prevent you from adding any more systems or sealing events for this project. Please review the sealing events and their status below.,

plenum injections : **Complete**

(A sealing event is considered complete if it has a completed post-seal leakage test.)

Click confirm to complete the project or cancel to go back

Cancel Confirm

Duct sealing performed by Hancock John
13577 Red Rover Lane
Red City, AK 11111
Phone: (111) 111 1111
Aeroseal Case ID: 5
Hardware: HomeSeal
Technician Name: J
Date: 9/16/2025

283.6 CFM

284 basketballs of air outside of your conditioned space every minute

39 basketballs of air outside of your conditioned space every minute

Note: If all seal events at this project (13577 Red Rover Lane, Red City, AK, 11111) are complete, click 'Mark Project Complete'. This action will lock the project, preventing any further systems or sealing updates.

IF A **STANDARD** WAS SELECTED-
CERTIFICATES INCLUDE THAT
INFORMATION IF ACHIEVED

Meets IECC Duct Leakage Code



CERTIFIED LEAKAGE REPORT

Duct sealing performed for:

TEST TEST
9075 BYERS RD
MIAMISBURG, OH 45340
Phone: (555) 555 5555

Aeroseal Case ID: 7532
Hardware: HomeSeal Advance
Technician Name:
Date: 3/4/2026

Square Footage of Residence: 2200.0 ft²
Fan Capacity: 1200.0 CFM
System Description: LAYFLAT TEST
Injection Description: Direct Injection
Area Served by Air Handler: 2200.0 ft²
Duct Type: Supply

Initial Leakage
215.3 CFM@25Pa = 40.7 Sq.In
Equivalent to throwing
215 basketballs of air outside of
your conditioned space every minute

Final Leakage
8.8 CFM@25Pa = 1.7 Sq.In
Equivalent to throwing
9 basketballs of air outside of
your conditioned space every minute



Leakage - 17.9 %
System Capacity - 82.1%



Leakage - 0.7 %
System Capacity - 99.3%

Meets IECC Duct Leakage Code

Going Beyond Any Other Energy Reduction Service



Improved Indoor Air
Quality



Improved
Efficiency



Increased Home
Comfort

Scan for more details

Aeroseal
aeroseal.com
877-FIX-DUCT
info@aeroseal.com



Duct sealing performed by:

Phone:

Aeroseal process uses DuctSeal LT sealant that is certified to meet requirements listed in UL 1381 standard - "Outline of Investigation for Aeroseal Duct Sealant"



50 tree stat:

The stat is based on conservative estimates. The math actually comes out to 54 trees but we rounded to 50.

1 tree is equal to about 40 pounds of carbon
if we assume that the average house uses 10,000 - 12,000 kWh annually
and if we assume that duct sealing will create an average of 18% savings
the associated savings should be between 1,800 kWh - 2,160 kWh
the conversion from kWh to Carbon LBS is 1.2
so, on the low side, 1,800 kWh savings X 1.2 = 2,160 LBS of Carbon
 $2,160 / 40 \text{ LBS} = 54 \text{ trees}$



Equivalent to planting 50 trees





HSA – MACHINE MAINTENANCE

2026

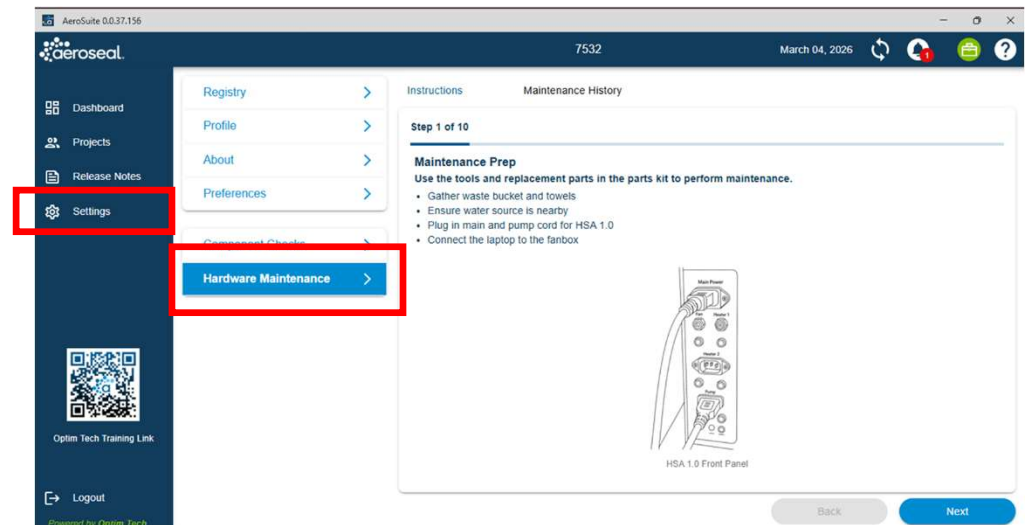


MAINTENANCE REMINDER AND STEP-BY-STEP INSTRUCTIONS

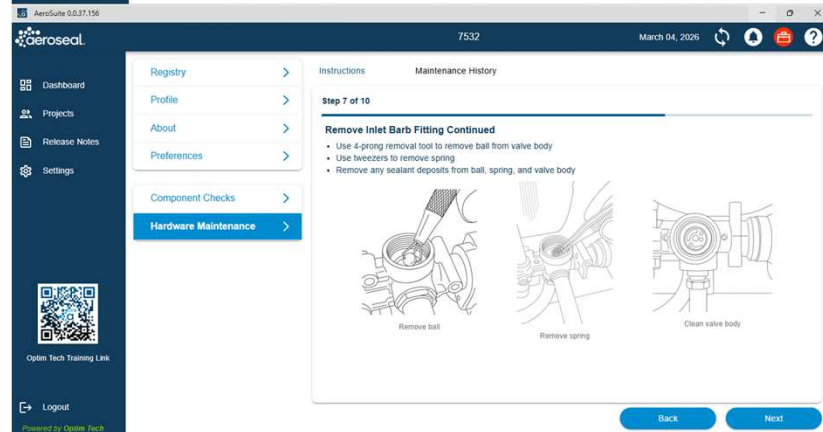
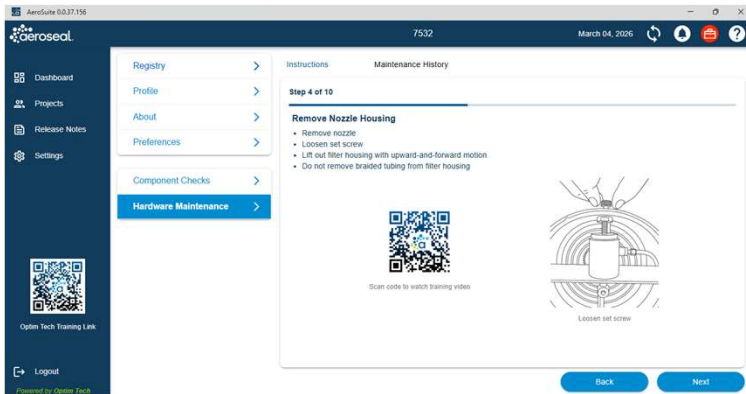
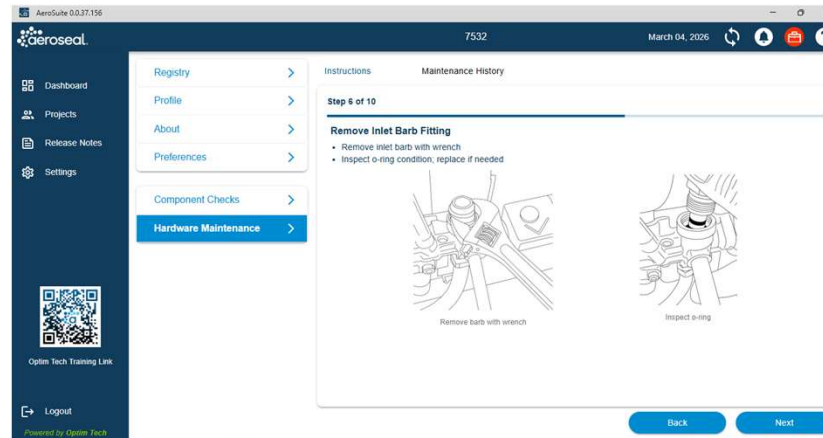
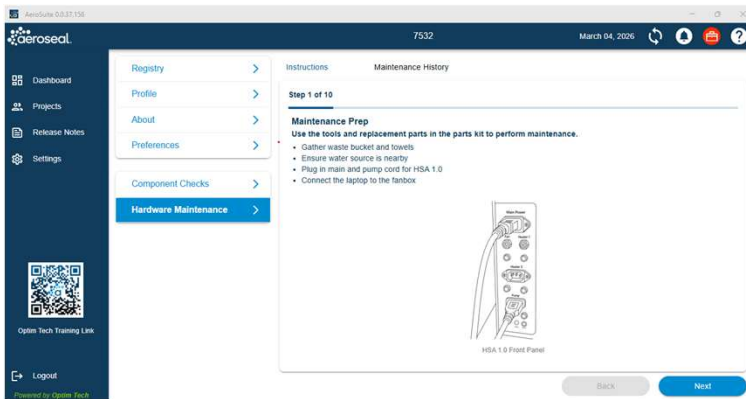
The screenshot displays the AeroSuite 0.0.37.156 dashboard for a Technician User. The interface includes a top navigation bar with the AeroSuite logo, the user's name 'Dashboard 7532', and the date 'March 04, 2026'. A sidebar on the left contains navigation options: Dashboard, Projects, Release Notes, and Settings. The main content area features a 'Welcome Technician User' message and a 'MAINTENANCE' button highlighted with a red box. Below this, there are two cards showing 'Lifetime Total Seals' and 'Lifetime Total CFM@0Pa', both with a value of 0. To the right, a 'Seat Count' chart is shown, comparing 'Last Month' (blue) and 'Current Month' (green) data across five weeks. The chart currently shows no activity, with the text 'No recent activity' displayed below it. A QR code for 'Optim Tech Training Link' and a 'Logout' button are also visible in the sidebar.

30-DAY REMINDER WILL APPEAR STARTING 10 DAYS FROM THE LAST MAINTENANCE

TO PERFORM MACHINE MAINTENANCE AND RESET THE 30-DAY TIMER:
CLICK THE MAINTENANCE BUTTON FROM EITHER THE **DASHBOARD** OR **SETTINGS**



STEP-BY-STEP MACHINE MAINTENANCE ON-SCREEN INSTRUCTIONS



FINAL STEP – ADD NOTES AND COMPLETE

THIS RESETS THE 30-DAY TIMER

Instructions Maintenance History

Step 10 of 10

Final Steps

- Place filter housing back into the slot in the fanbox
- Tighten set screw
- Clean and lube inlet gate tracks; if MERV 1 filter only, inspect/replace
- Click **Maintenance Complete** button; perform maintenance every 30 days

Note: Prepare next seal by performing a flush/prime with sealant

Notes
Enter notes

Back Finish

