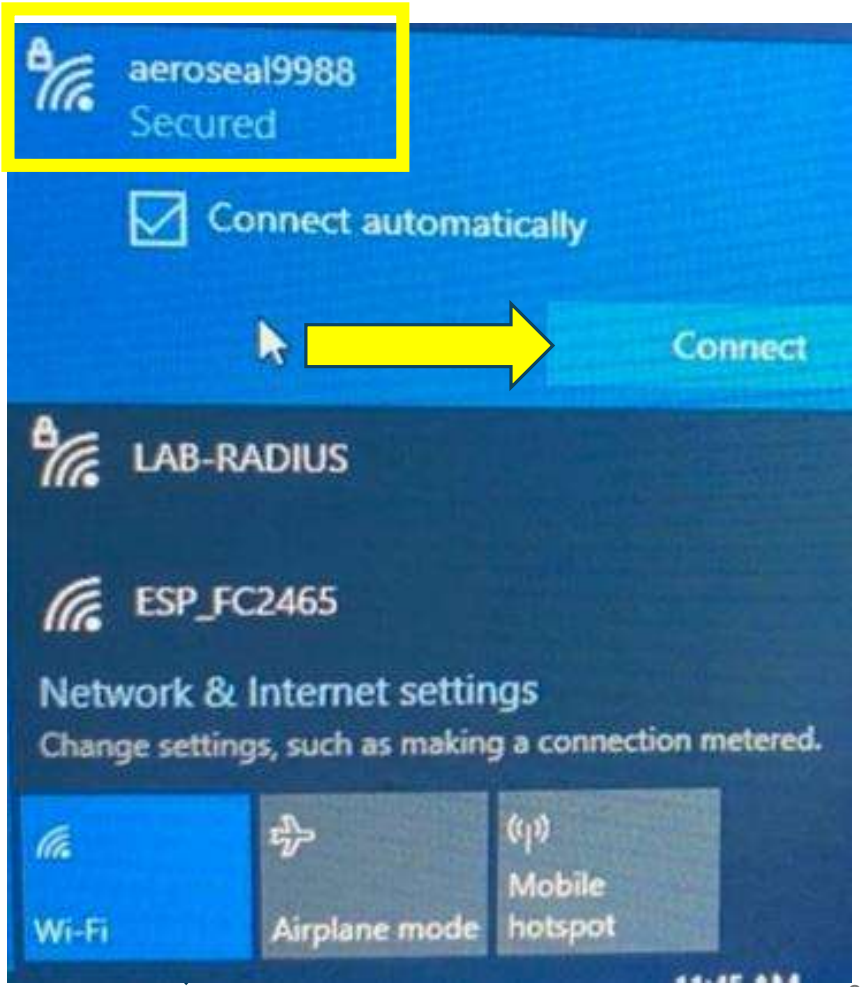
# HSC-5 RESIDENTIAL DUCT

# AEROSUITE SOFTWARE

2025

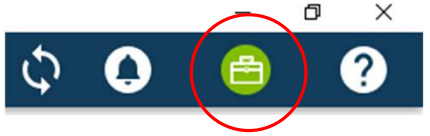
# Connect Laptop To FanBox WiFi Router

- **FanBox / Router Powered (main)**
- **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.

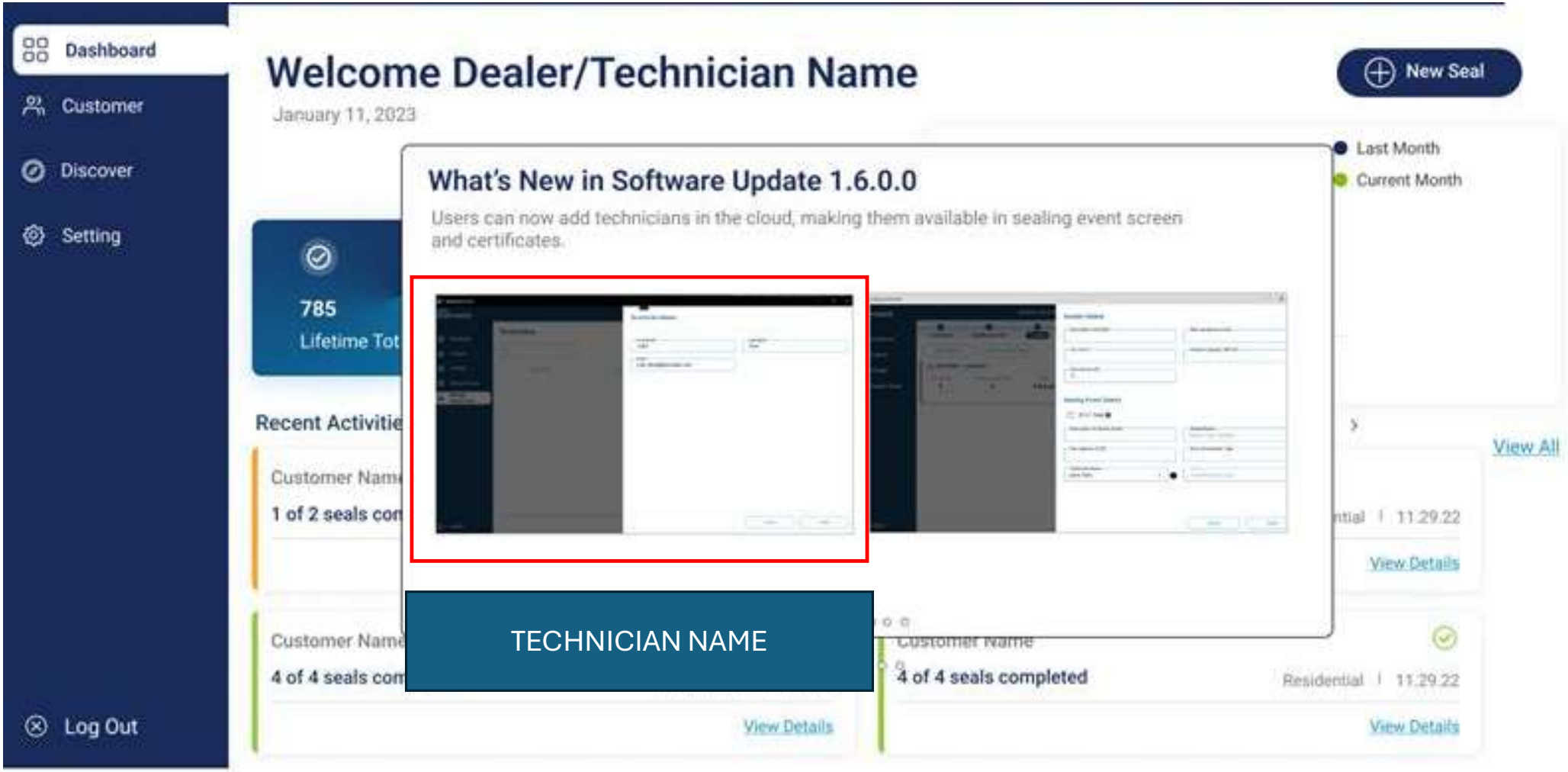


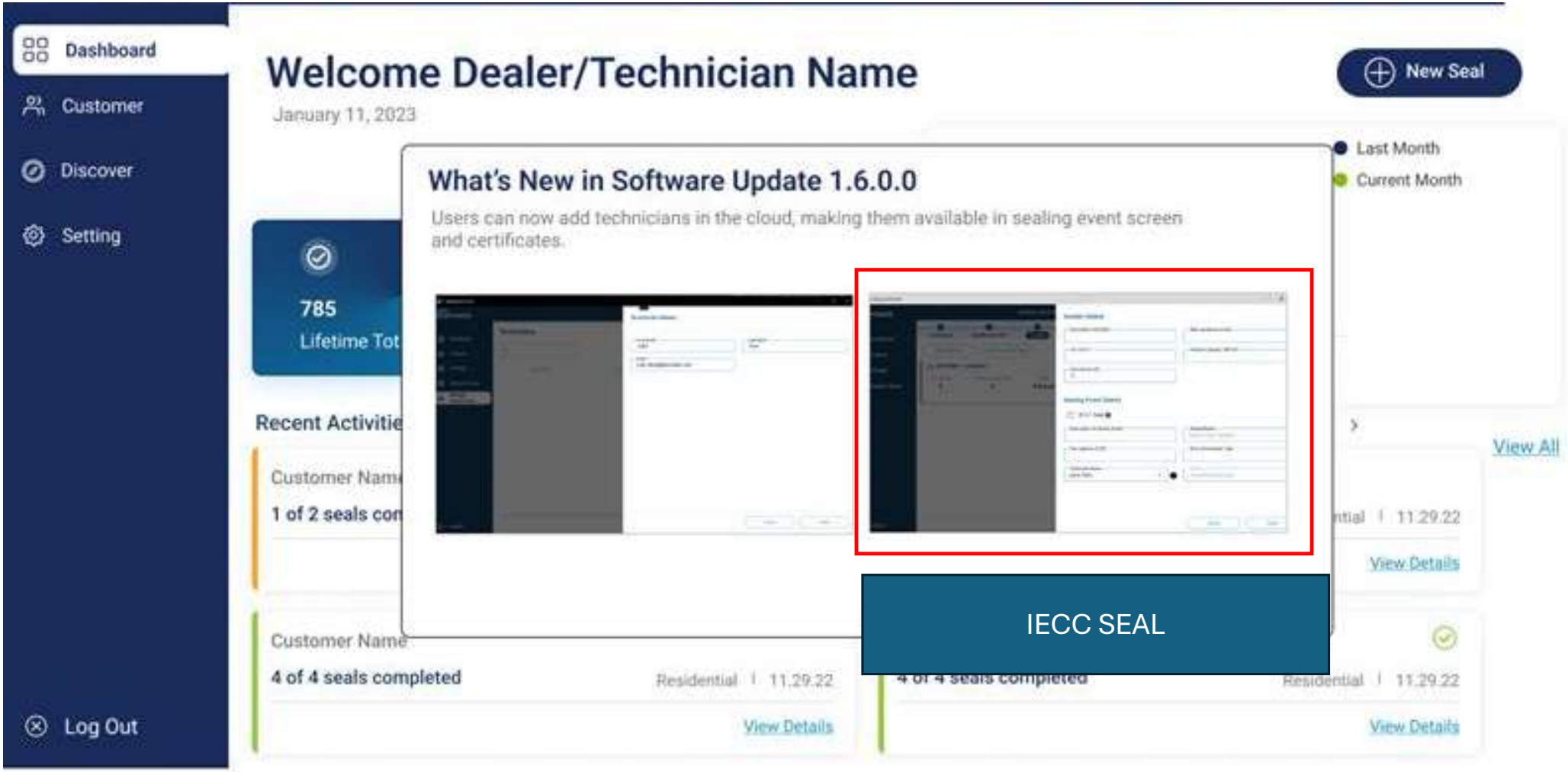
2025

# AEROSUITE

# INITIAL SET UP

# ADDING TECH NAMES


Dashboard
Customer
Discover
Setting
Log Out
Welcome Dealer/Technician Name
January 11, 2023
New Seal
What's New in Software Update 1.6.0.0
Users can now add technicians in the cloud, making them available in sealing event screen and certificates.
Last Month
Current Month
785
Lifetime Tot
Recent Activitie
View All
1 of 2 seals con
11.29.22
View Details
4 of 4 seals com
4 of 4 seals completed
Residential | 11.29.22
View Details
View Details
TECHNICIAN NAME


Dashboard
Customer
Discover
Setting
Log Out
Welcome Dealer/Technician Name
January 11, 2023
New Seal
Last Month
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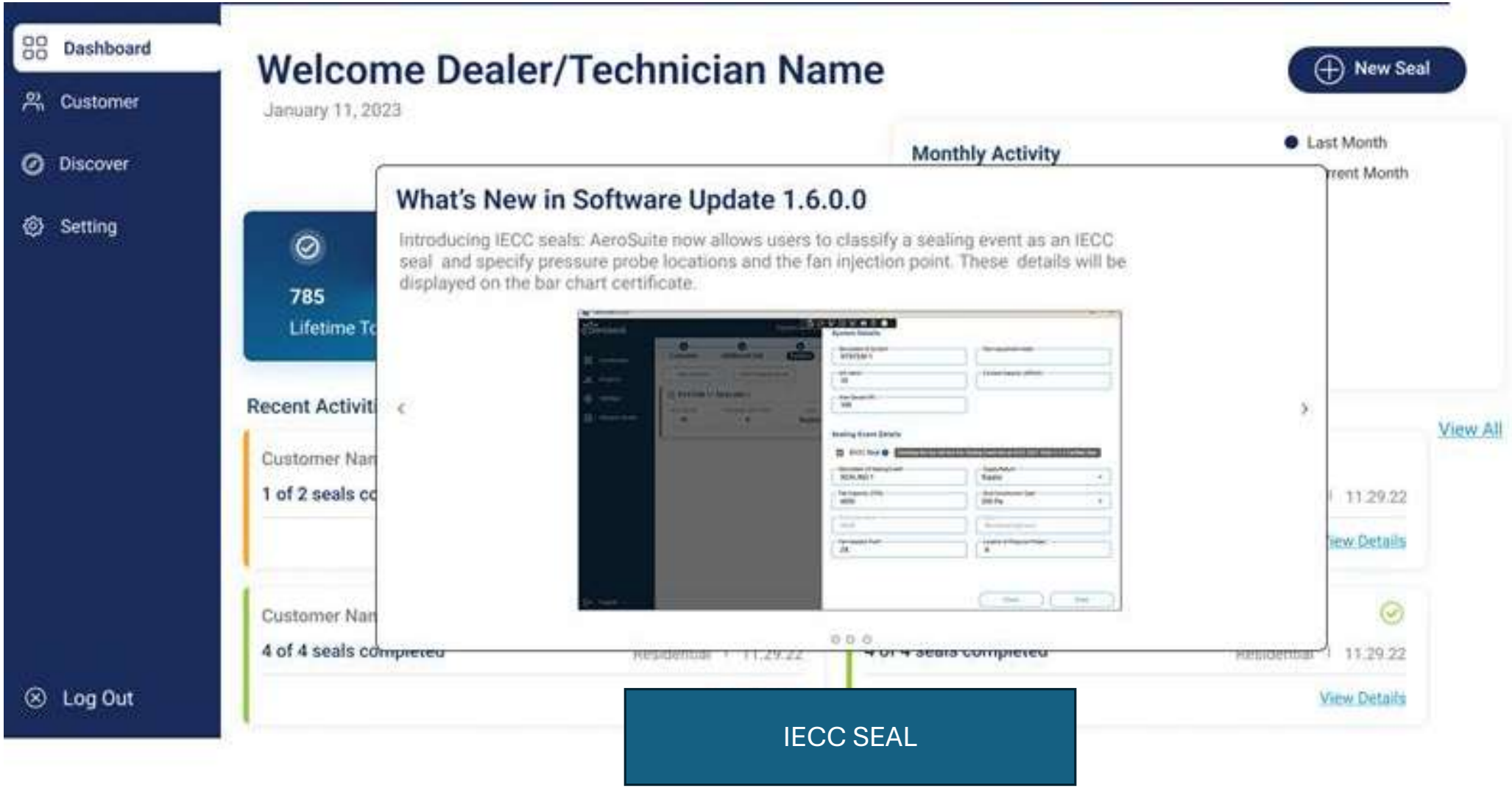
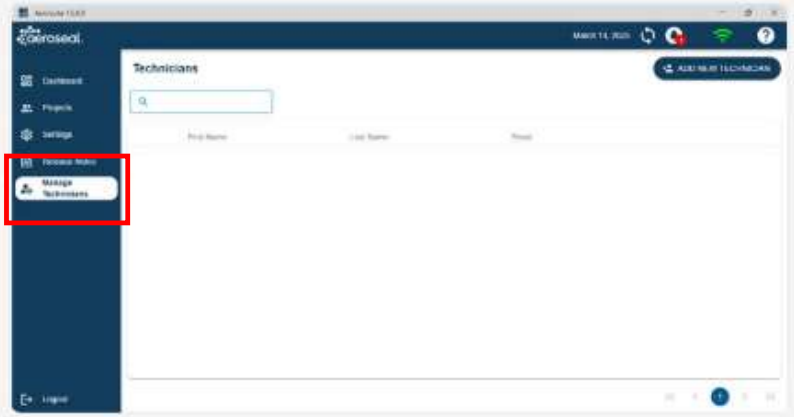
11.29.22
View Details
Customer Name
4 of 4 seals completed
Residential | 11.29.22
View Details
IECC SEAL

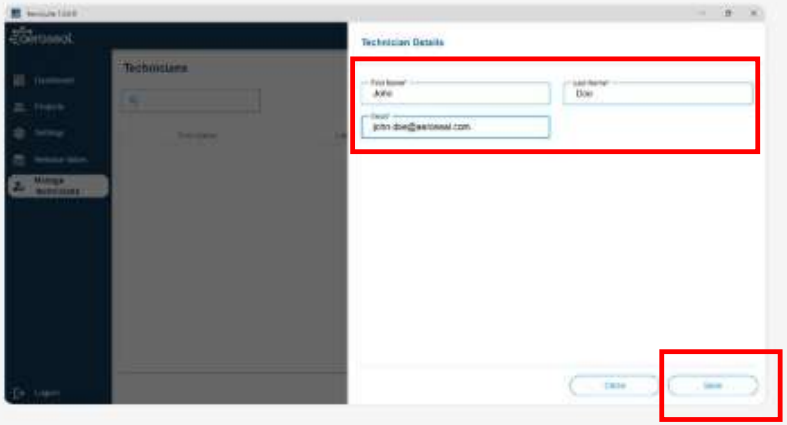

Dashboard
Customer
Discover
Setting
Log Out
Welcome Dealer/Technician Name
January 11, 2023
New Seal
Monthly Activity
Last Month
What's New in Software Update 1.6.0.0
Introducing IECC seals: AeroSuite now allows users to classify a sealing event as an IECC seal and specify pressure probe locations and the fan injection point. These details will be displayed on the bar chart certificate.
785
Recent Activit
View All
11.29.22
View Details
IECC SEAL

1.Login to cloud Connected to the internet

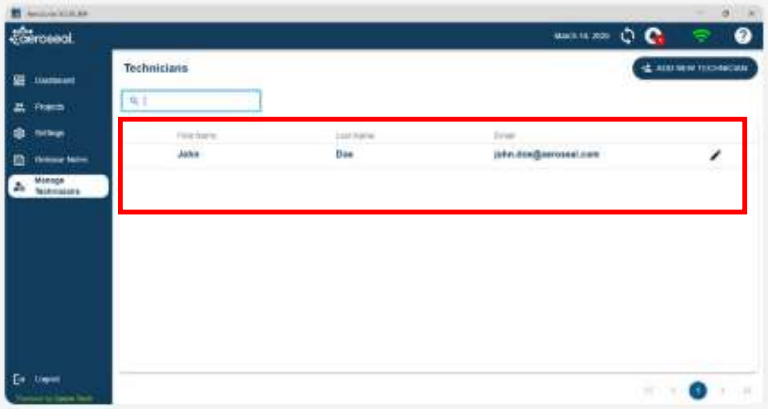

2. Navigate to manage technicians



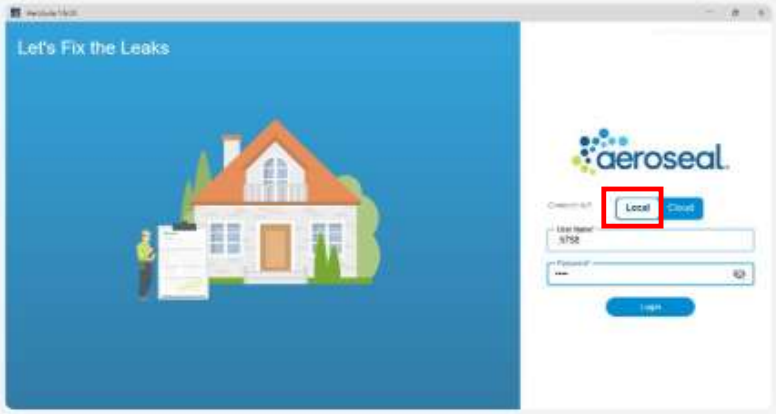

3. Add Technician: Enter First Name, Last Name, Email




4. Click "Save". You find the list of technicians you added

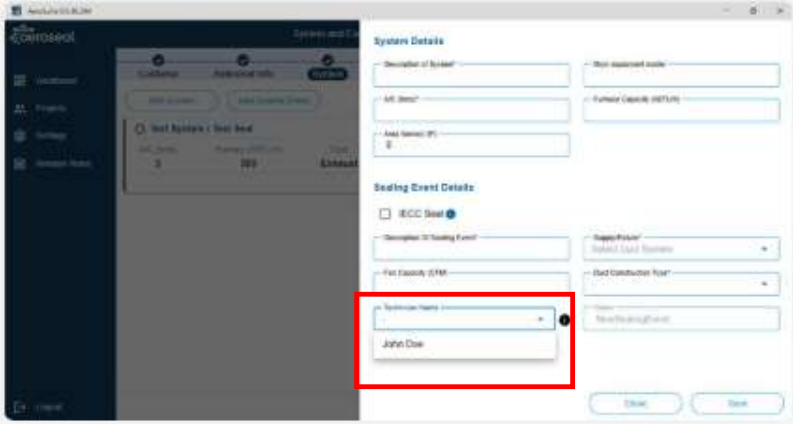


5. Login to local




6. Perform a Sync


7. Add customer and navigate to system/sealing event screen.



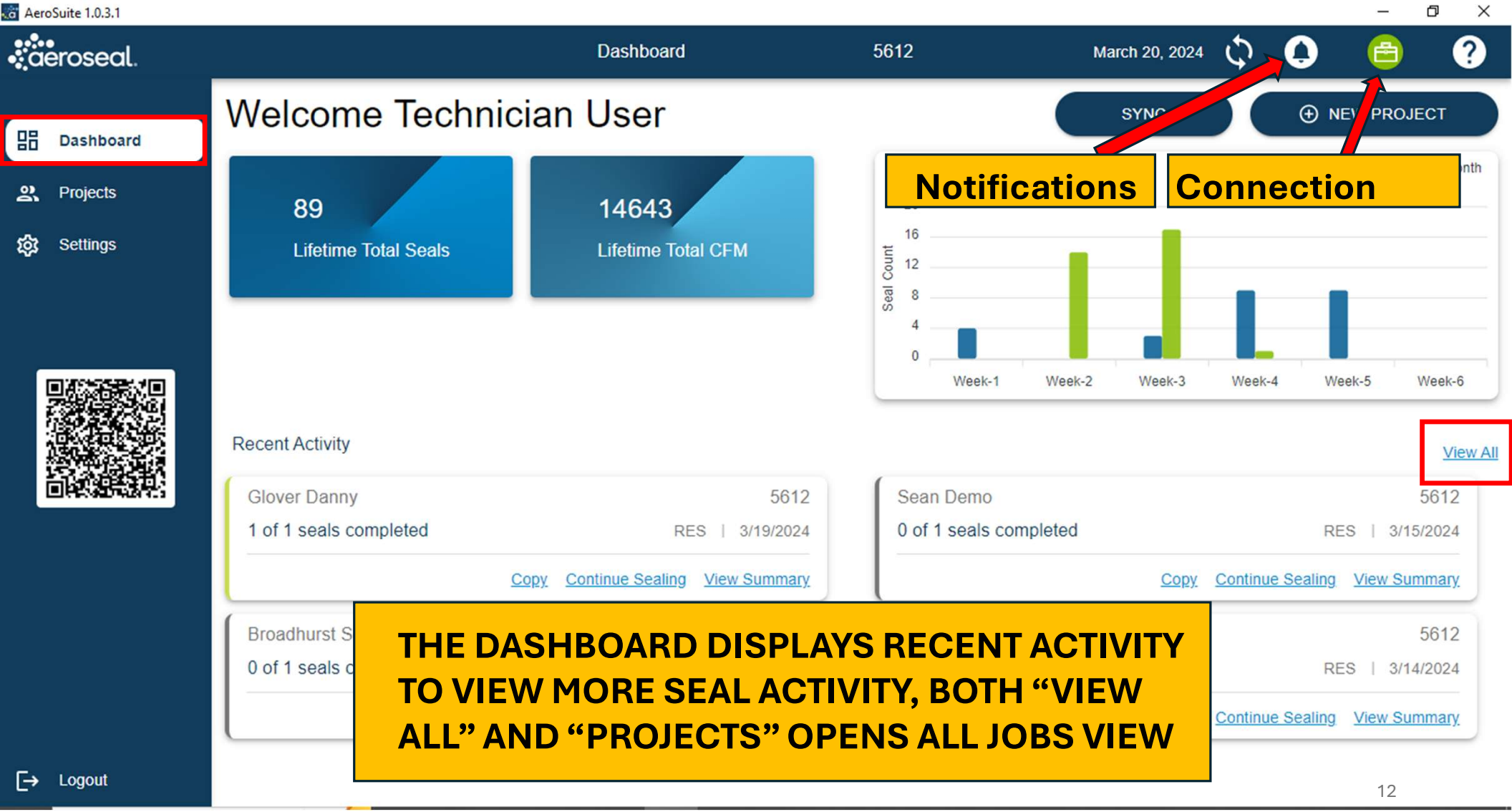

Technician Names **entered/saved** will now appear in the dropdown at the seal event screen

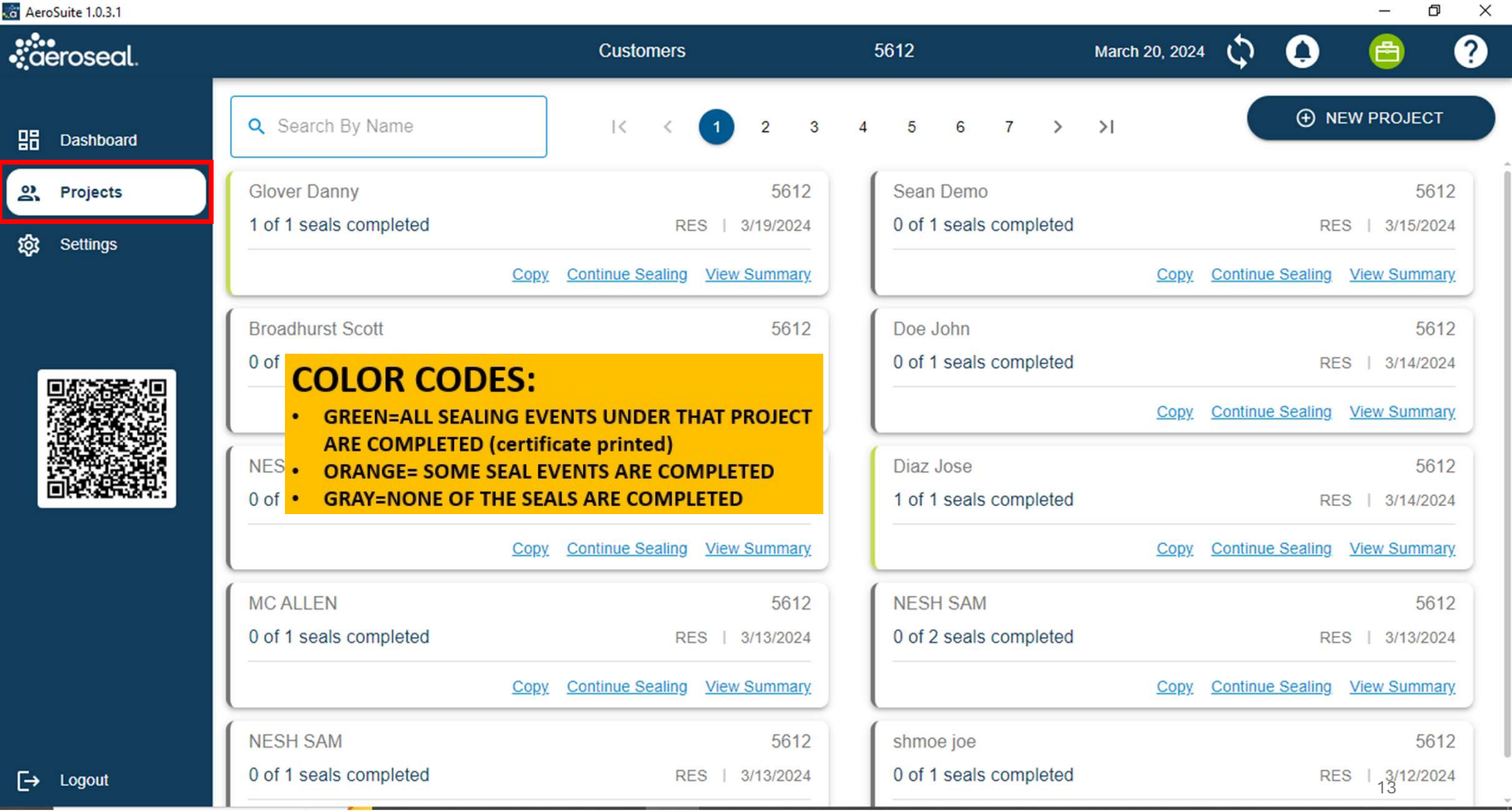
2025

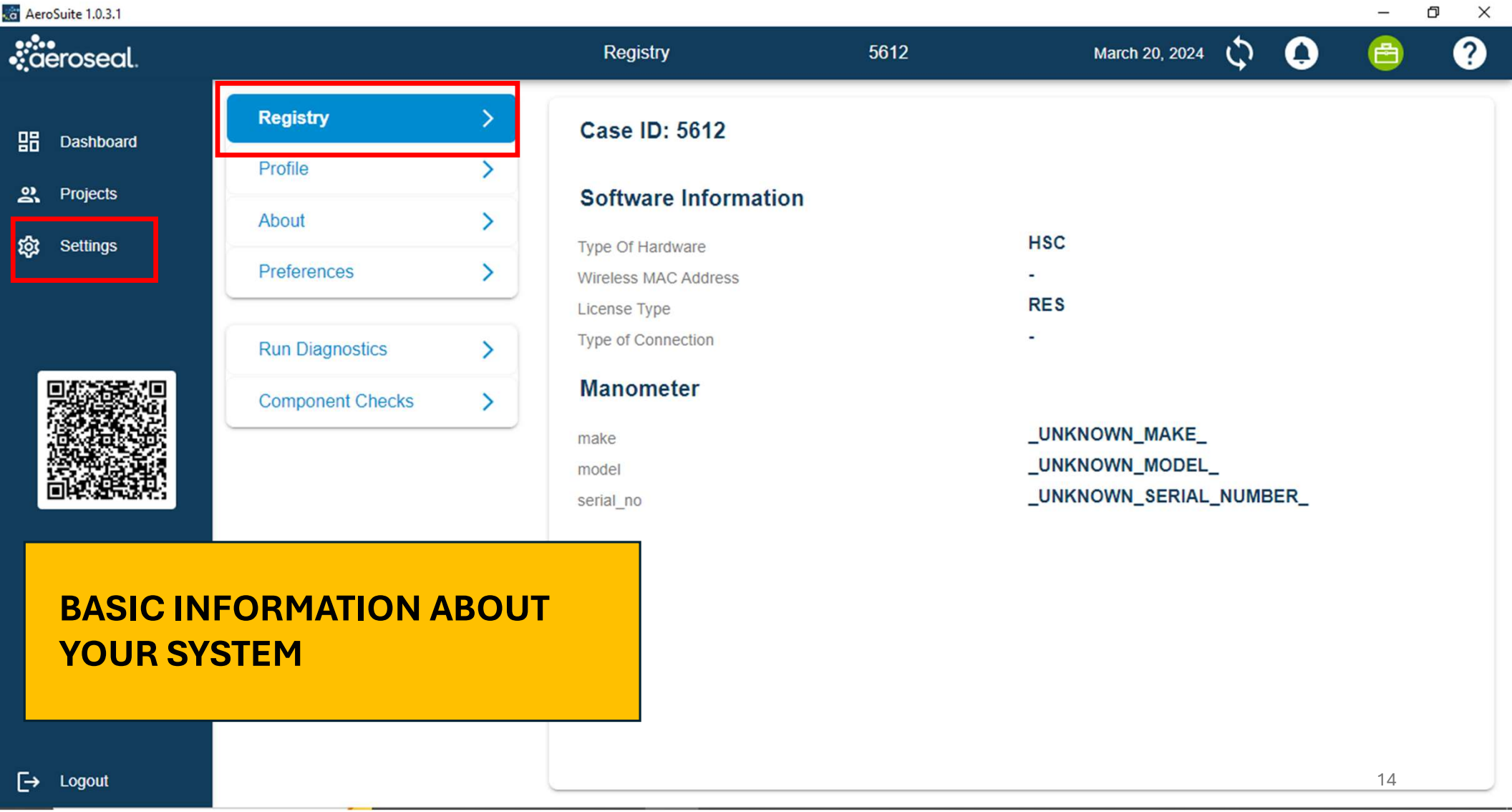
# AEROSUITE

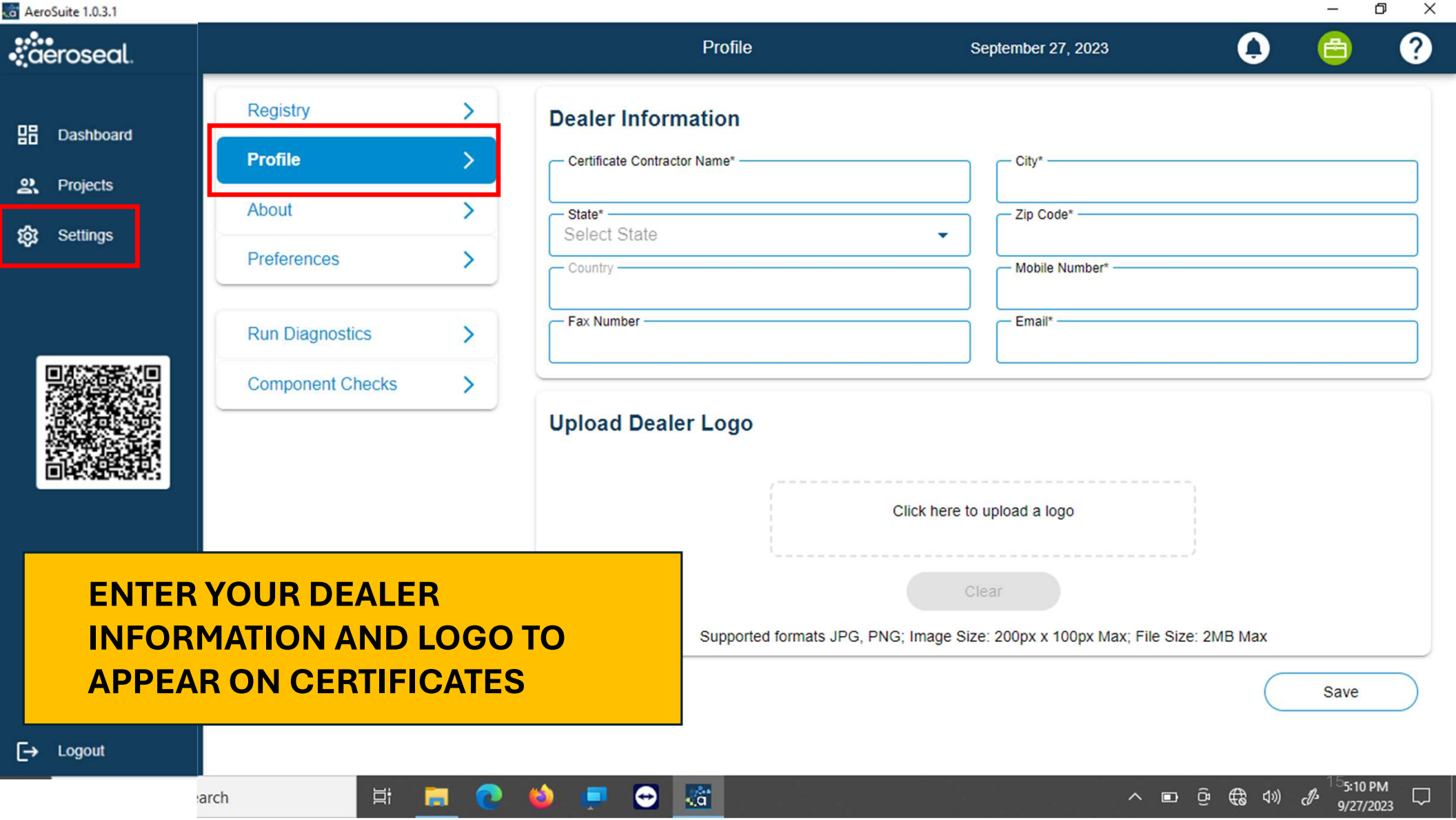
# BASIC PAGE NAVIGATION


AeroSuite 1.0.3.1
Let's Fix the Leaks
Click here to Activate your device
aeroseal
Connect to?
Local
Cloud
User Name*
User Name
6385
Password*
Password
6385
Login
USE THE CASE ID FOR BOTH USERNAME AND PASSWORD

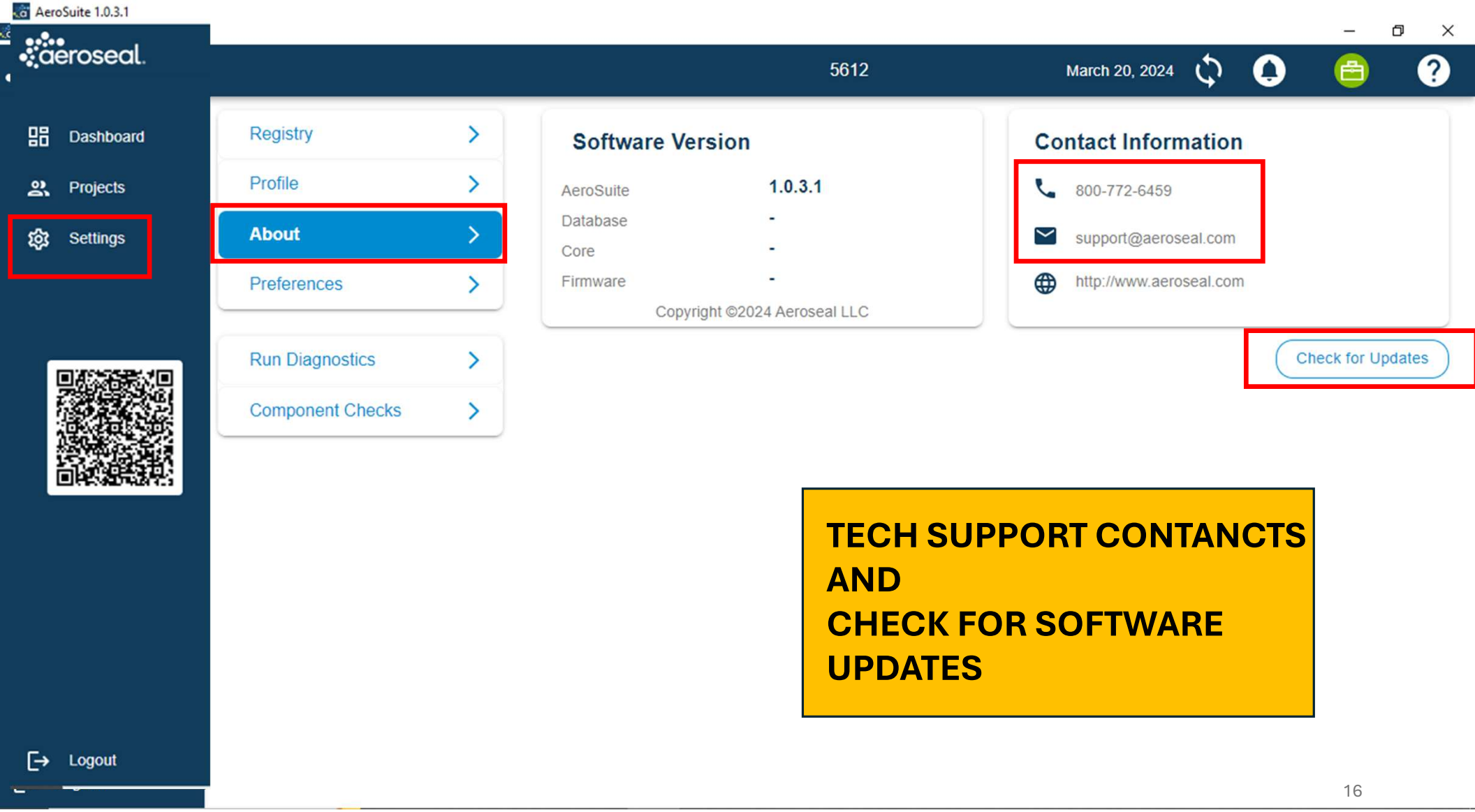

AeroSuite 1.0.3.1
aeroseal
Dashboard
5612
March 20, 2024
Welcome Technician User
SYNC
NEW PROJECT
Dashboard
Projects
Settings
89
Lifetime Total Seals
14643
Lifetime Total CFM
Notifications
Connection
Seal Count
16
12
8
4
0
Week-1
Week-2
Week-3
Week-4
Week-5
Week-6
Recent Activity
View All
Glover Danny
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 S
0 of 1 seals c
5612
RES | 3/14/2024
Continue Sealing
View Summary
THE DASHBOARD DISPLAYS RECENT ACTIVITY TO VIEW MORE SEAL ACTIVITY, BOTH “VIEW ALL” AND “PROJECTS” OPENS ALL JOBS VIEW
Logout


AeroSuite 1.0.3.1
aeroseal
Customers
5612
March 20, 2024
Dashboard
Projects
Settings
Logout
Search By Name
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
Doe John 5612
0 of 1 seals completed RES | 3/14/2024
Copy Continue Sealing View Summary
NES
0 of
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
NESH SAM 5612
0 of 2 seals completed RES | 3/13/2024
Copy Continue Sealing View Summary
NESH SAM 5612
0 of 1 seals completed RES | 3/13/2024
shmoe joe 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

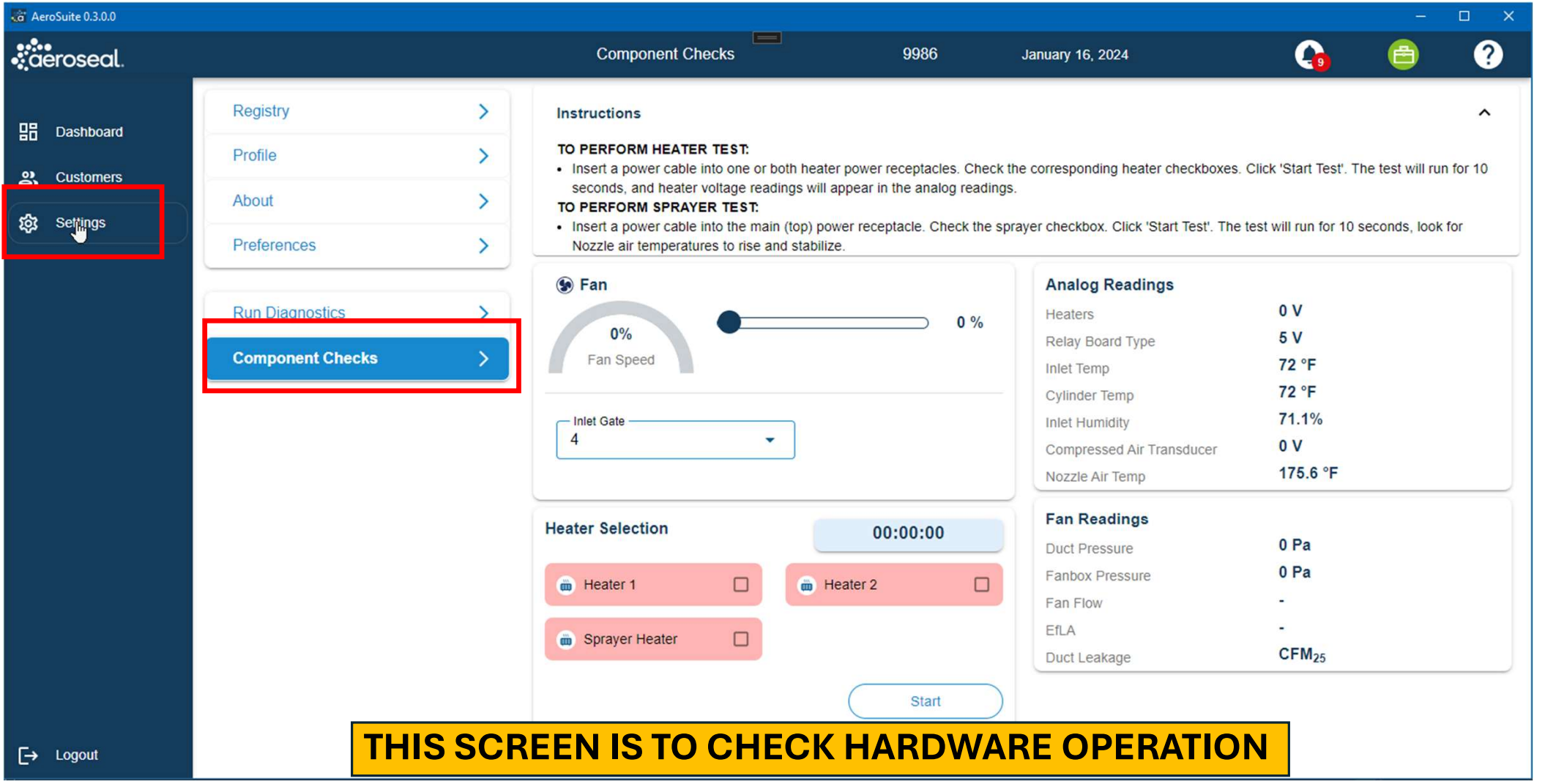

AeroSuite 1.0.3.1
aeroseal
Registry
5612
March 20, 2024
Dashboard
Projects
Settings
Logout
Registry
Profile
About
Preferences
Run Diagnostics
Component Checks
Case ID: 5612
Software Information
Type Of Hardware
HSC
Wireless MAC Address
-
License Type
RES
Type of Connection
-
Manometer
make
_UNKNOWN_MAKE_
model
_UNKNOWN_MODEL_
serial_no
_UNKNOWN_SERIAL_NUMBER_
BASIC INFORMATION ABOUT YOUR SYSTEM




**ENTER YOUR DEALER INFORMATION AND LOGO TO APPEAR ON CERTIFICATES**




**TECH SUPPORT CONTANCTS AND CHECK FOR SOFTWARE UPDATES**




**THIS SCREEN IS TO CHECK HARDWARE OPERATION**

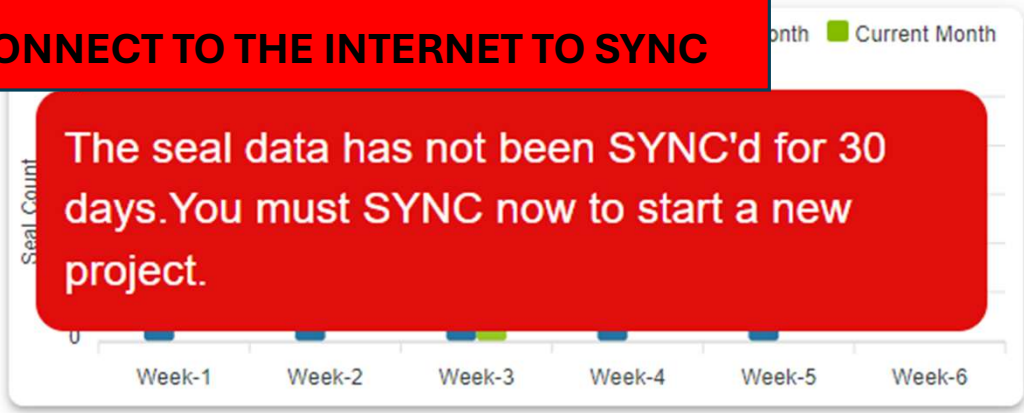
# Welcome Technician User

SYNC

NEW PROJECT

**CONNECT TO THE INTERNET TO SYNC**

**YOU MUST PERFORM A SYNC ONCE PER CALENDAR MONTH OR AFTER 50 SEALS WHICHEVER COMES FIRST**




Recent Activity

View All

TEST — AB | 9933 | 3/12/2024
TEST-S — 1 of 2 completed
Edit | Manage Sealing Events | View Summary

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

TAB — AB | 9933 | 2/22/2024
wde — 0 of 1 completed
Copy | Edit | Continue Sealing | View Summary

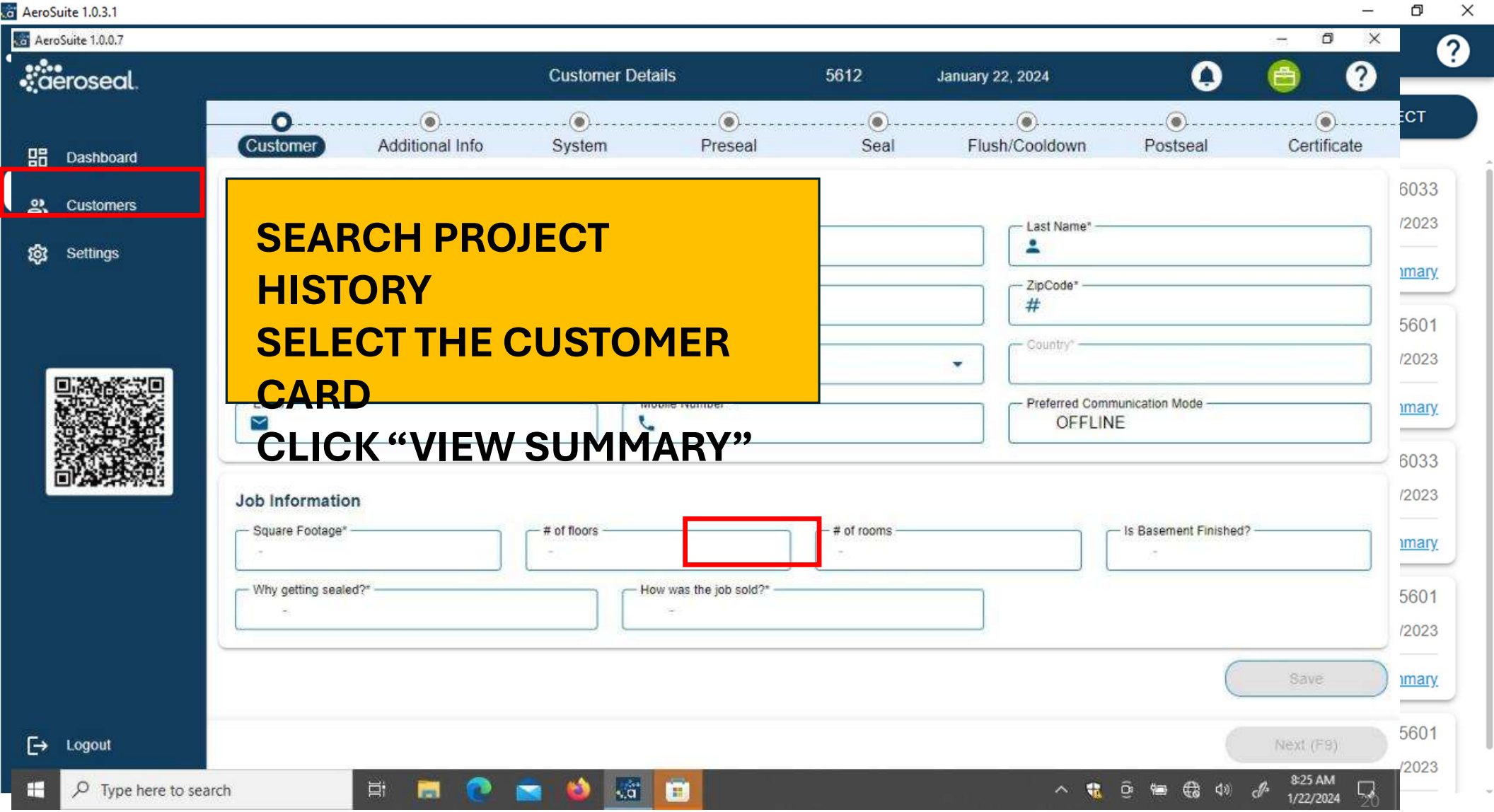
AeroSuite 1.0.3.1

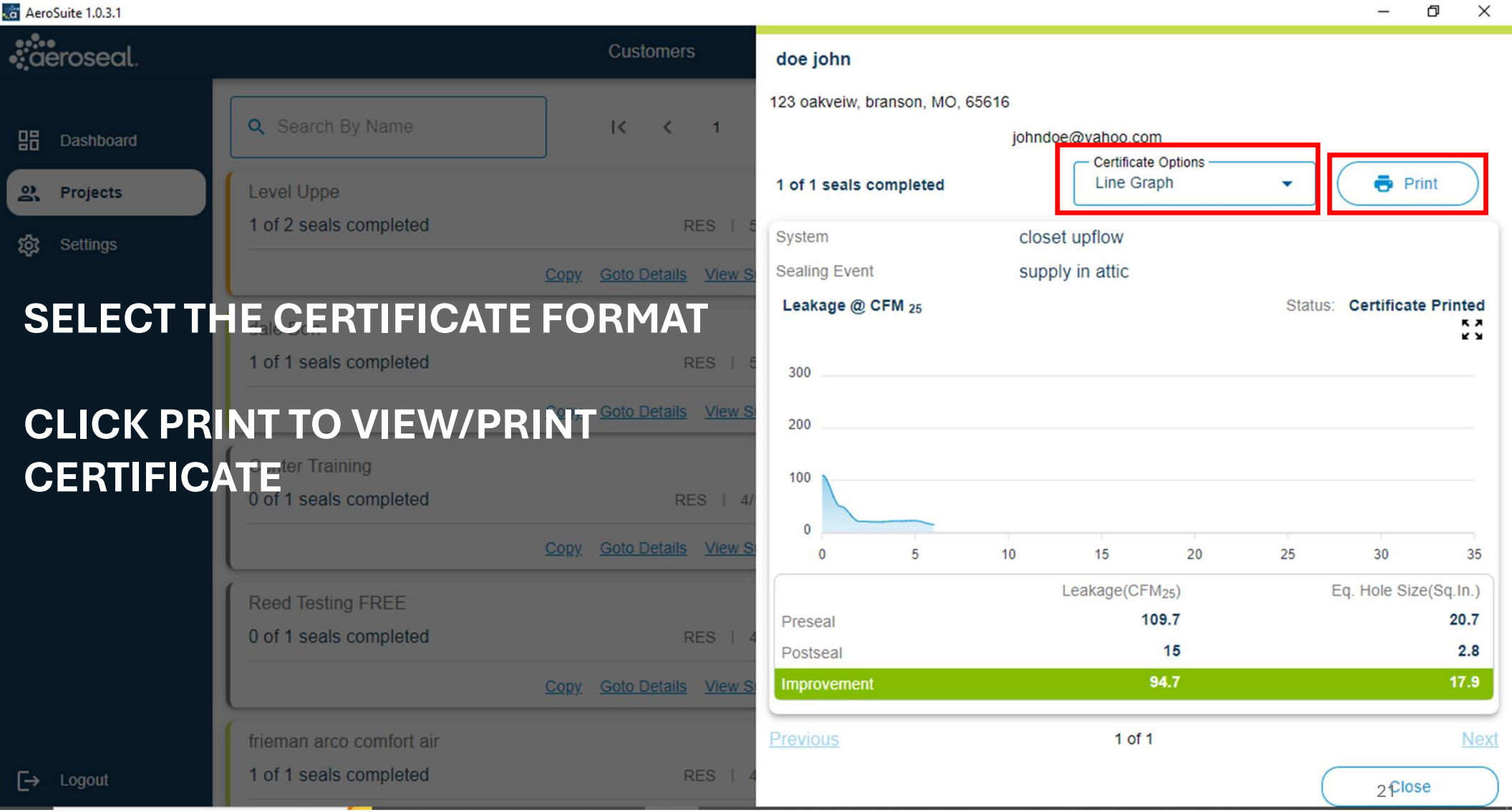
Let's Fix the Leaks

**For dealers previously operating on Smartseal**

To View/Print previous Projects/Certificates

1. **Connect to the internet**
2. **Login under “Cloud”**


AeroSuite 1.0.3.1
AeroSuite 1.0.0.7
aeroseal
Customer Details
5612
January 22, 2024
Dashboard
Customers
Settings
Logout
Customer
Additional Info
System
Preseal
Seal
Flush/Cooldown
Postseal
Certificate
SEARCH PROJECT HISTORY
SELECT THE CUSTOMER CARD
CLICK “VIEW SUMMARY”
Last Name*
ZipCode*
Country*
Preferred Communication Mode
OFFLINE
Job Information
Square Footage*
# of floors
# of rooms
Is Basement Finished?
Why getting sealed?*
How was the job sold?*
Save
Next (F9)
Type here to search
8:25 AM
1/22/2024




**SELECT THE CERTIFICATE FORMAT**

**CLICK PRINT TO VIEW/PRINT CERTIFICATE**

AeroSuite 1.0.3.1

Print

Total: 1 sheet of paper

Printer

Microsoft Print to PDF

Copies

1

Pages

All

e.g. 1-5, 8, 11-13

Color

Color

More settings

Print using system dialog... (Ctrl+Shift+P)

Print | Cancel

aeroseal DUCT

# CERTIFIED LEAKAGE REPORT

**Duct sealing performed for:**
123 oakveiw
branson, MO 65616
Phone:

Aeroseal Case ID:5601
Technician Name:
System Description:closet upflow
Seal Description:supply in attic
Hardware:Homeseal Connect
Date:4/5/2023

## BASKETBALL

### Initial Leakage

**110 $CFM_{25}$ = 20.7 sq. in. hole**

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

### Final Leakage

**15 $CFM_{25}$ = 2.8 sq. in. hole**

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

Leakage - 9.1%
System Capacity - 90.9%

86.3%
Improvement

Leakage - 1.3%
System Capacity - 98.7%

inted

35

.In.)
20.7
2.8
17.9

Logout

frieman arco comfort air

1 of 1 seals completed

RES

Previous 1 of 1 Next

Close

AeroSuite 1.0.3.1

## Print

Total: 1 sheet of paper

Printer

Microsoft Print to PDF

Copies

1

Pages

All

e.g. 1-5, 8, 11-13

Color

Color

More settings

Print using system dialog... (Ctrl+Shift+P)

Print | Cancel

aeroseal DUCT

# CERTIFIED LEAKAGE REPORT

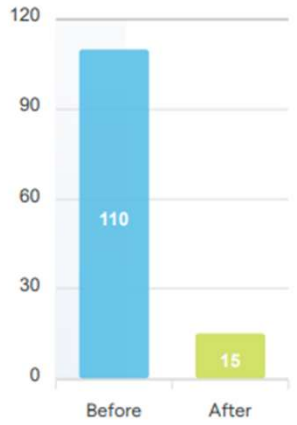
**Duct sealing performed for:**
123 oakveiw
branson, MO 65616
Phone:

Aeroseal Case ID:5601
**System Description:**closet upflow
**Seal Description:**supply in attic
**Hardware:**Homeseal Connect

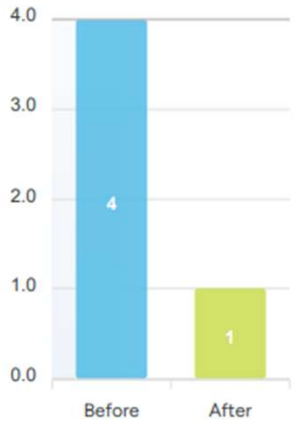
Technician Name:
Date:4/5/2023

**BAR GRAPH**

Leakage (CFM $_{25}$)




Leakage (CFM $_{25}$/100ft$^2$)
3000 ft$^2$ of conditioned floor area




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

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

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

Final leakage @ 25Pa
**.5 CFM/100 sq ft.**

Leakage as % of system capacity

9.1% Before | 1.3% After

86.3% Improvement

50 Equivalent to planting 50 trees

Previous | 1 of 1 | Next

Close

frieman arco comfort air

1 of 1 seals completed

Logout

AeroSuite 1.0.3.1

## Print

Total: 1 sheet of paper

Printer

Microsoft Print to PDF

Copies

1

Pages

All

e.g. 1-5, 8, 11-13

Color

Color

More settings

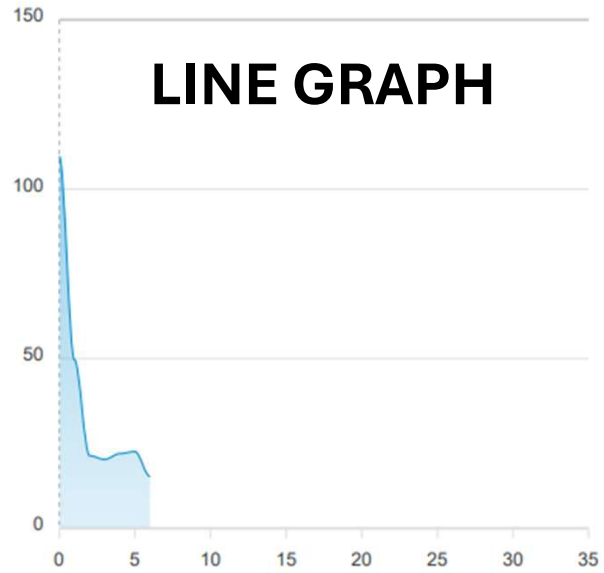
Print using system dialog... (Ctrl+Shift+P)

Print | Cancel

**Duct sealing performed for:**
123 oakveiw
branson, MO 65616
Phone:
Square Footage: 3000

**Technician Name:**
**Date:**4/5/2023

**Leakage (CFM 25)**




**LINE GRAPH**

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

**Going Beyond Any Other Energy Reduction Service**

**Aeroseal Case ID:**5601
**System Description:**closet upflow
**Seal Description:**supply in attic
**Hardware:**Homeseal Connect

| | Initial | Final |
|---|---|---|
| $CFM_{25}$ | 110 | 15 |
| $CFM_{25}/100\ ft^2$ | 3.7 | .5 |
| Equivalent Hole Size | 20.7 $in^2$ | 2.8 $in^2$ |
| % System Capacity | 9.1% | 1.3% |

86.3% Improvement

50 Equivalent to planting 50 trees

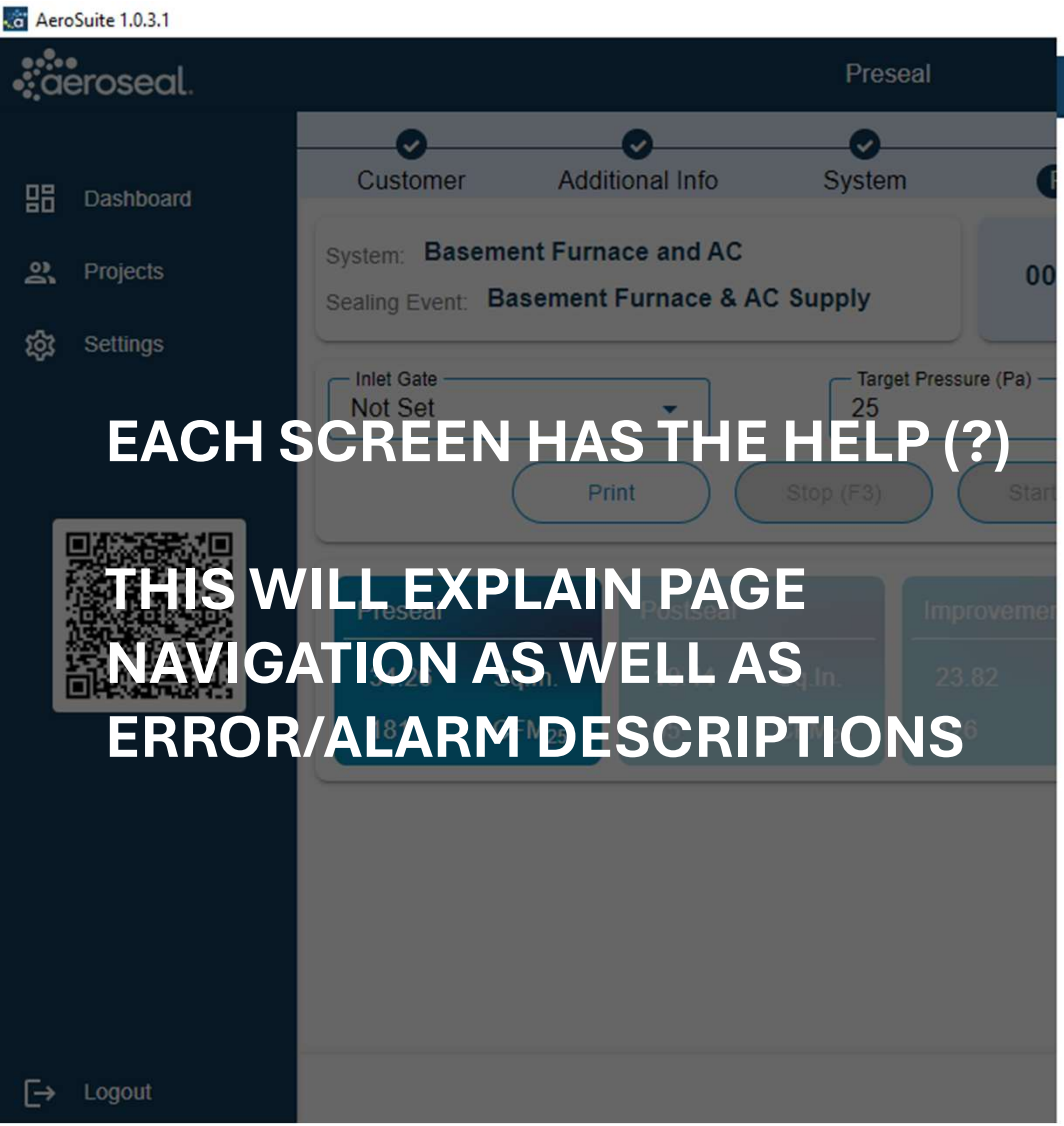
Scan for more details.

frieman arco comfort air
1 of 1 seals completed

Previous 1 of 1 Next

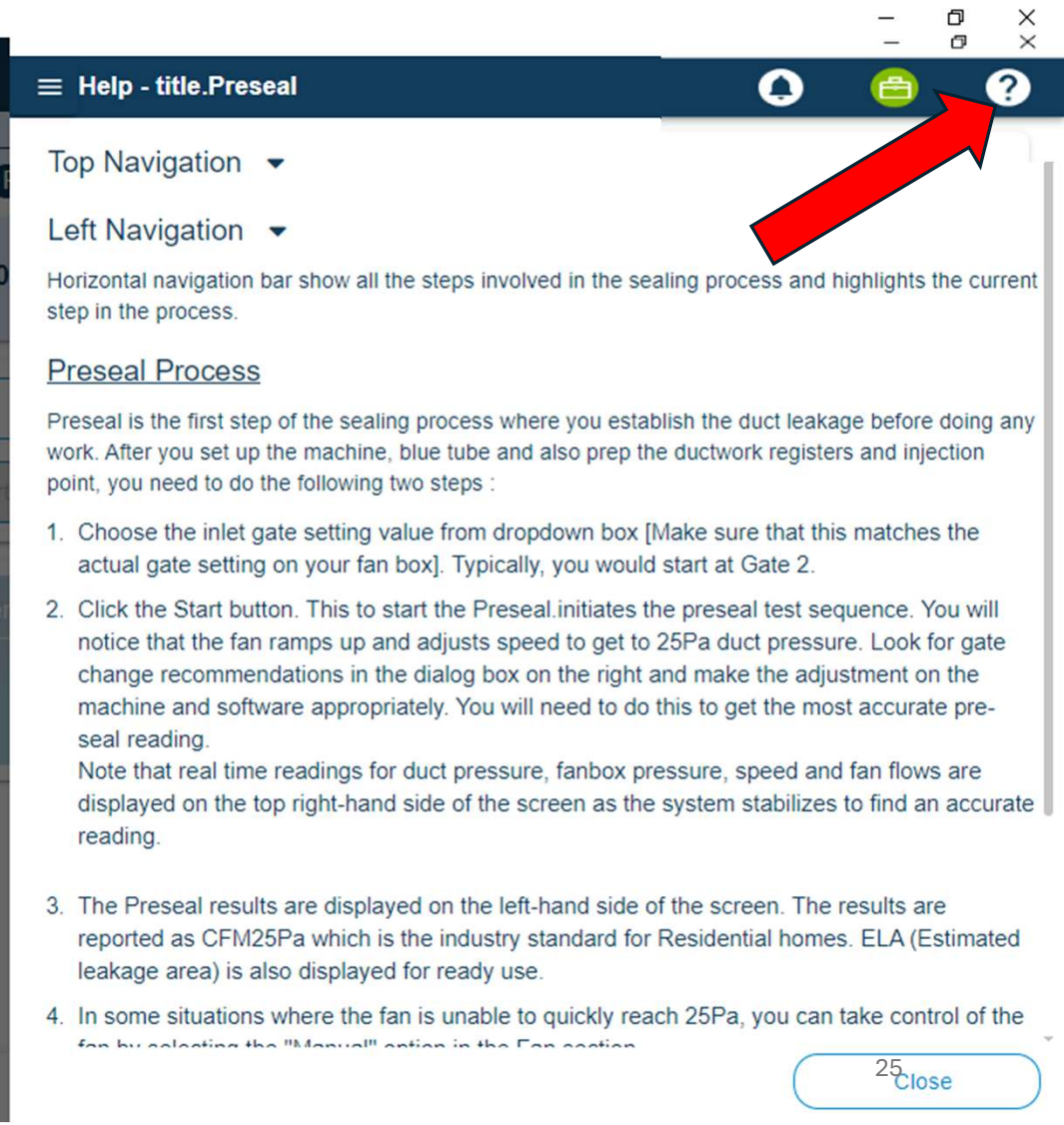
Logout

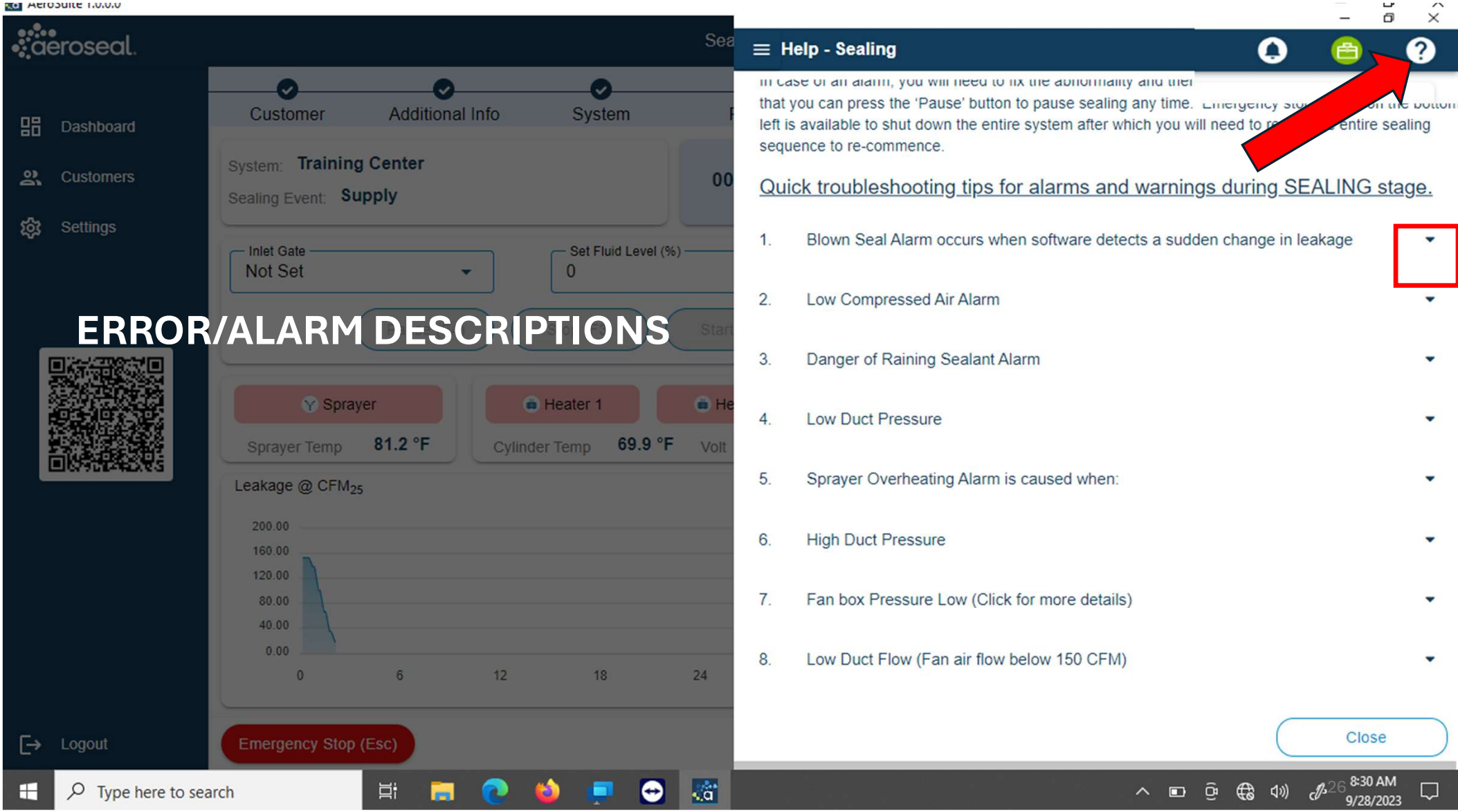
Close



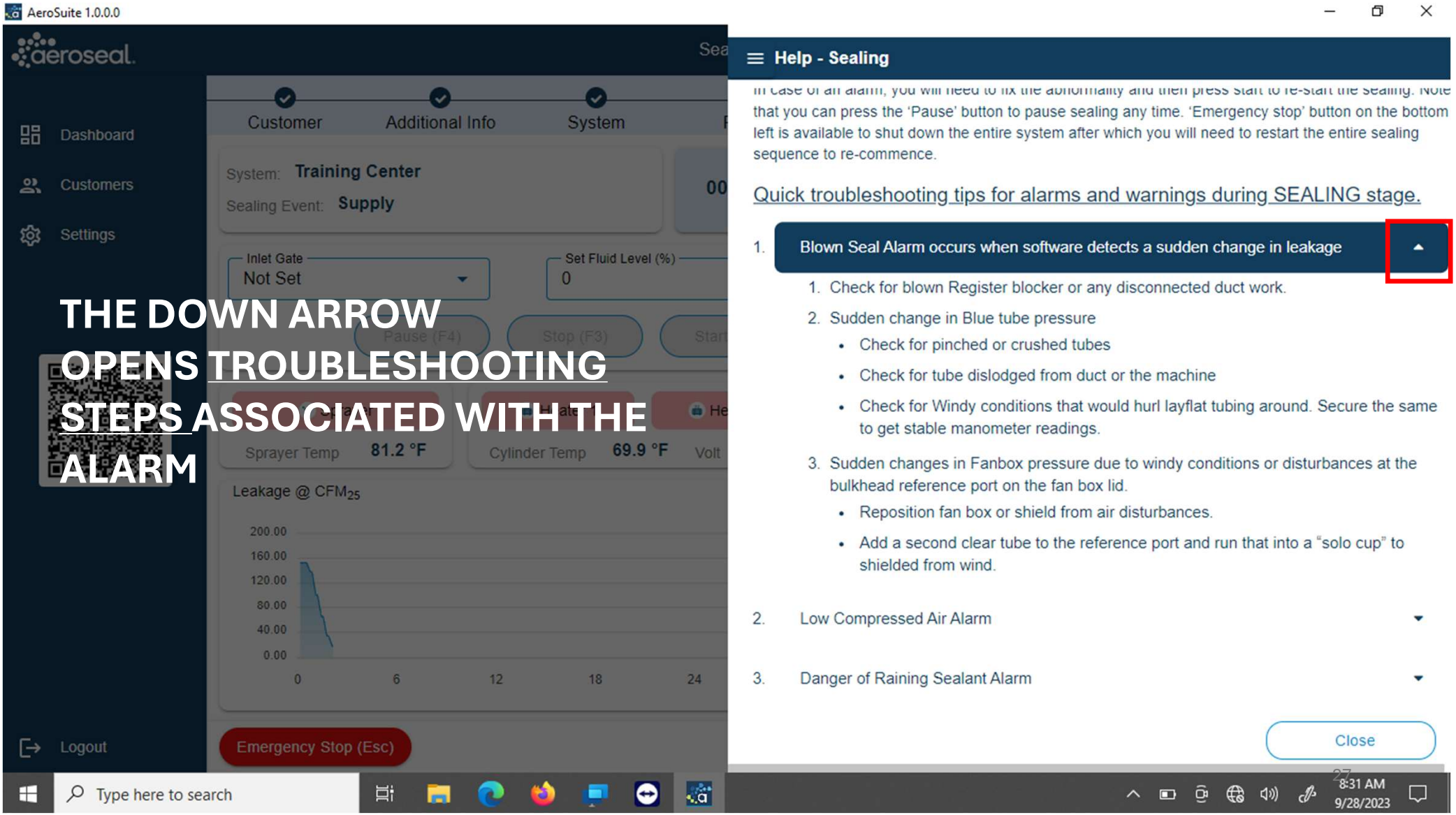

**EACH SCREEN HAS THE HELP (?)**

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





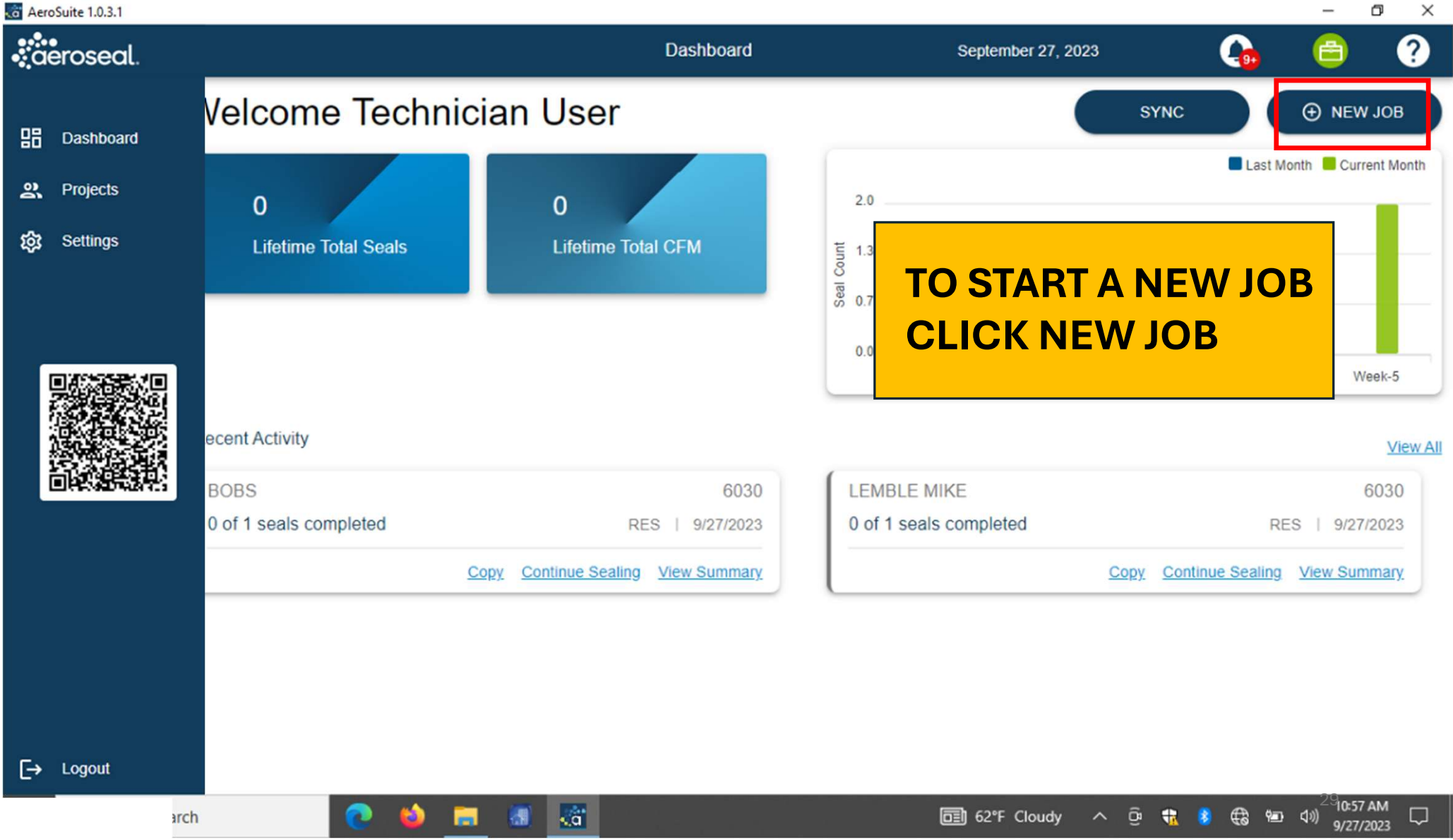

# ERROR/ALARM DESCRIPTIONS




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

2025

# AEROSUITE OPERATIONAL SCREENS


AeroSuite 1.0.3.1
aeroseal
Dashboard
September 27, 2023
Dashboard
Projects
Settings
Logout
Welcome Technician User
SYNC
NEW JOB
0
Lifetime Total Seals
0
Lifetime Total CFM
Last Month
Current Month
2.0
1.3
0.7
0.0
Seal Count
Week-5
TO START A NEW JOB
CLICK NEW JOB
ecent Activity
View All
BOBS
6030
0 of 1 seals completed
RES | 9/27/2023
Copy
Continue Sealing
View Summary
LEMBLE MIKE
6030
0 of 1 seals completed
RES | 9/27/2023
Copy
Continue Sealing
View Summary
62°F Cloudy
10:57 AM
9/27/2023

AeroSuite 1.0.3.1

aeroseal

September 27, 2023

Dashboard

Projects

Settings

Logout

aeroseal DUCT

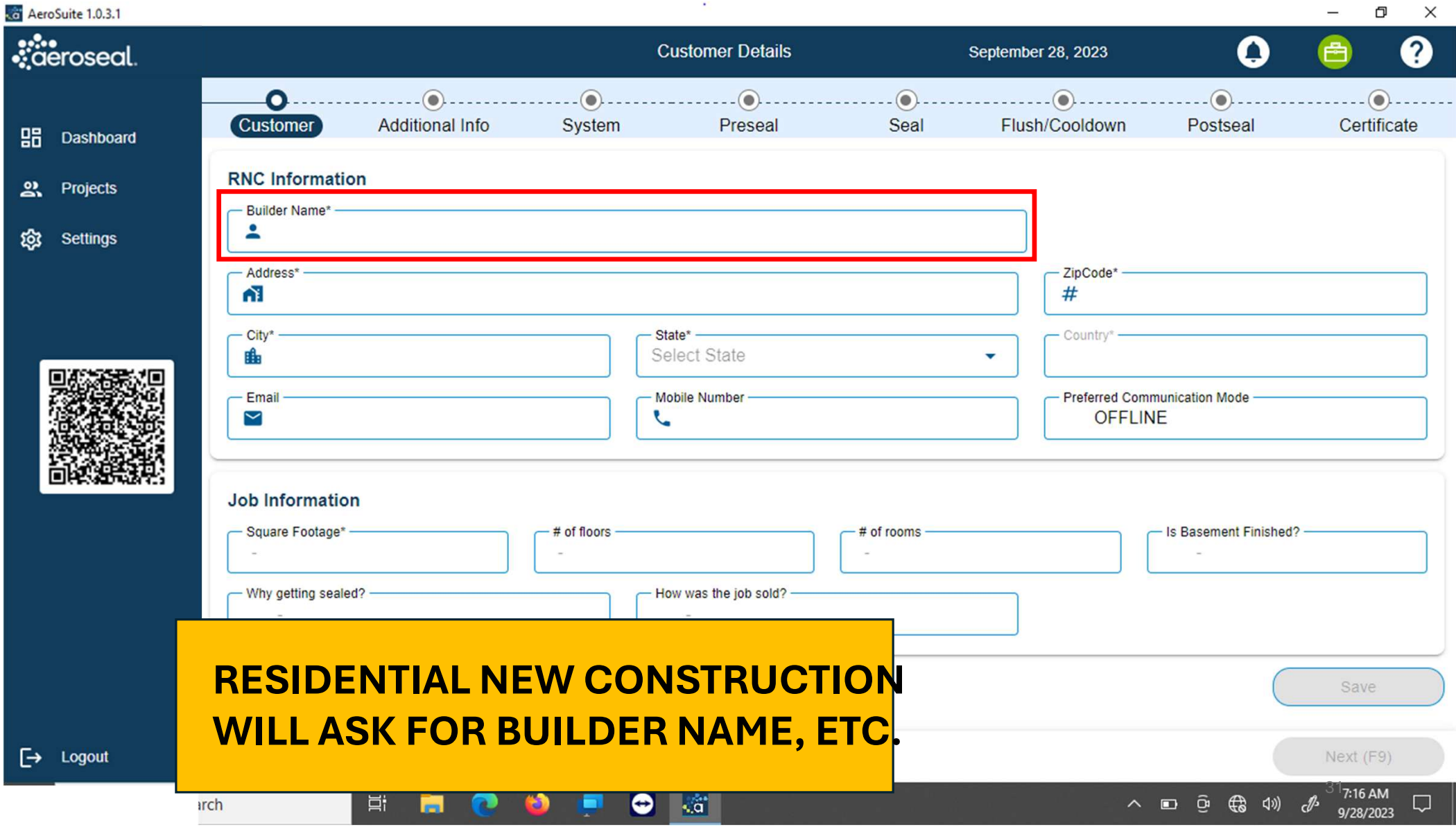
Residential Retrofit

Residential New Construction (RNC)

**SELECT THE TYPE OF JOB YOU ARE PERFORMING**

62°F Cloudy

10:59 AM
9/27/2023


AeroSuite 1.0.3.1
aeroseal
Customer Details
September 28, 2023
Dashboard
Projects
Settings
Logout
Customer
Additional Info
System
Preseal
Seal
Flush/Cooldown
Postseal
Certificate
RNC Information
Builder Name*
Address*
ZipCode*
City*
State*
Select State
Country*
Email
Mobile Number
Preferred Communication Mode
OFFLINE
Job Information
Square Footage*
# of floors
# of rooms
Is Basement Finished?
Why getting sealed?
How was the job sold?
Save
Next (F9)
RESIDENTIAL NEW CONSTRUCTION
WILL ASK FOR BUILDER NAME, ETC.
7:16 AM
9/28/2023

AeroSuite 1.0.3.1

aeroseal

September 27, 2023

Dashboard

Projects

Settings

Logout

aeroseal DUCT

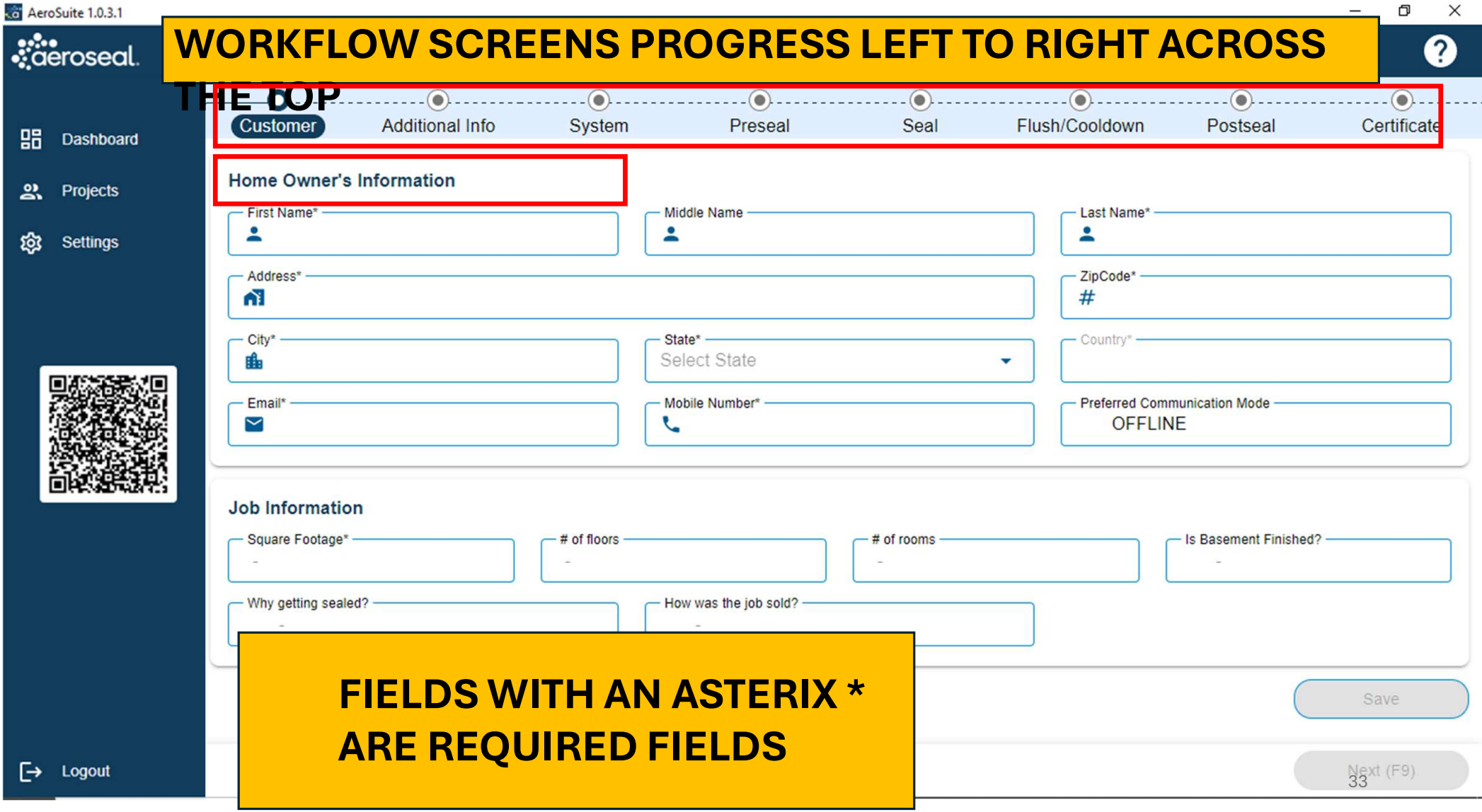
Residential Retrofit

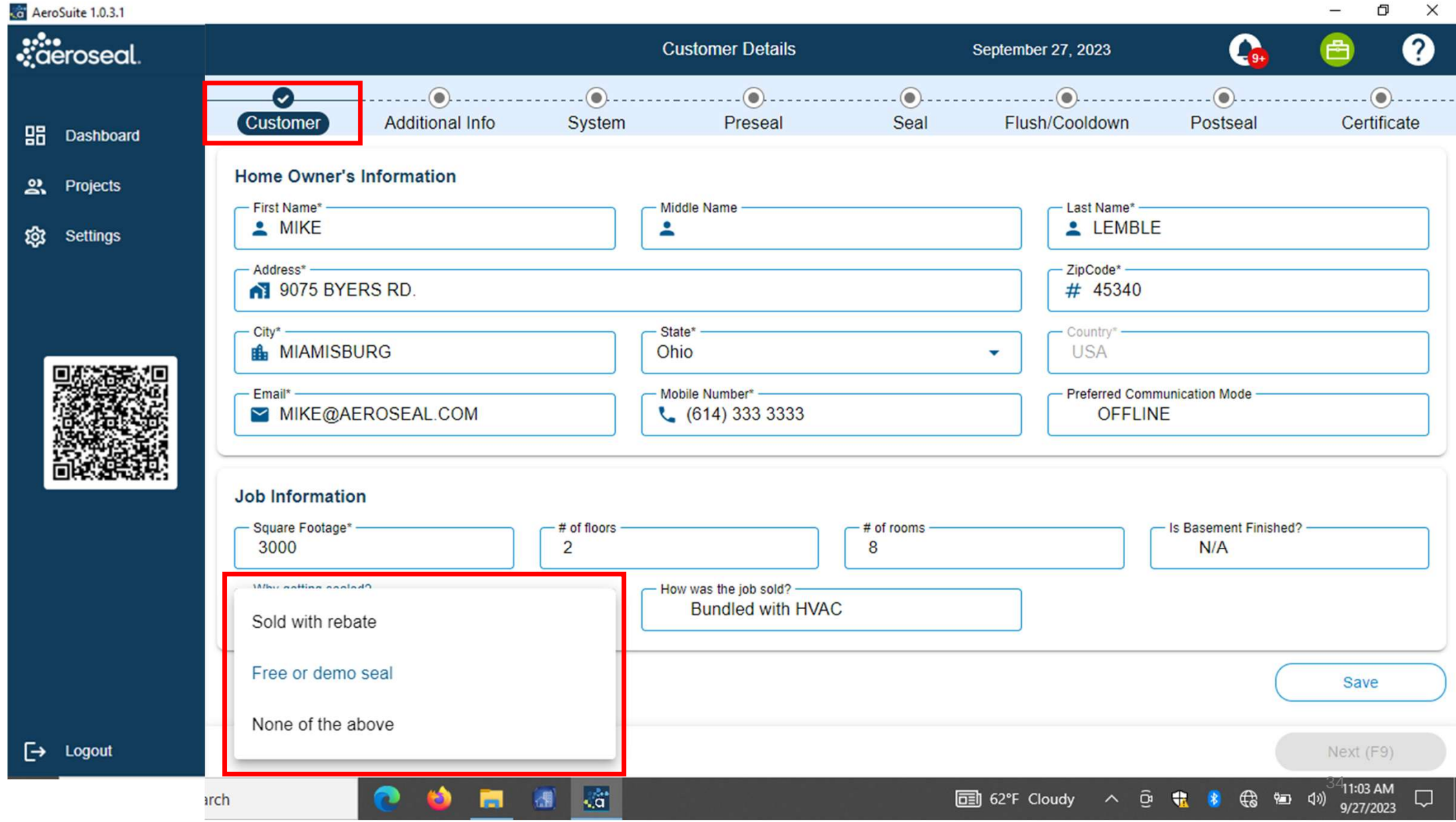
Residential New Construction (RNC)

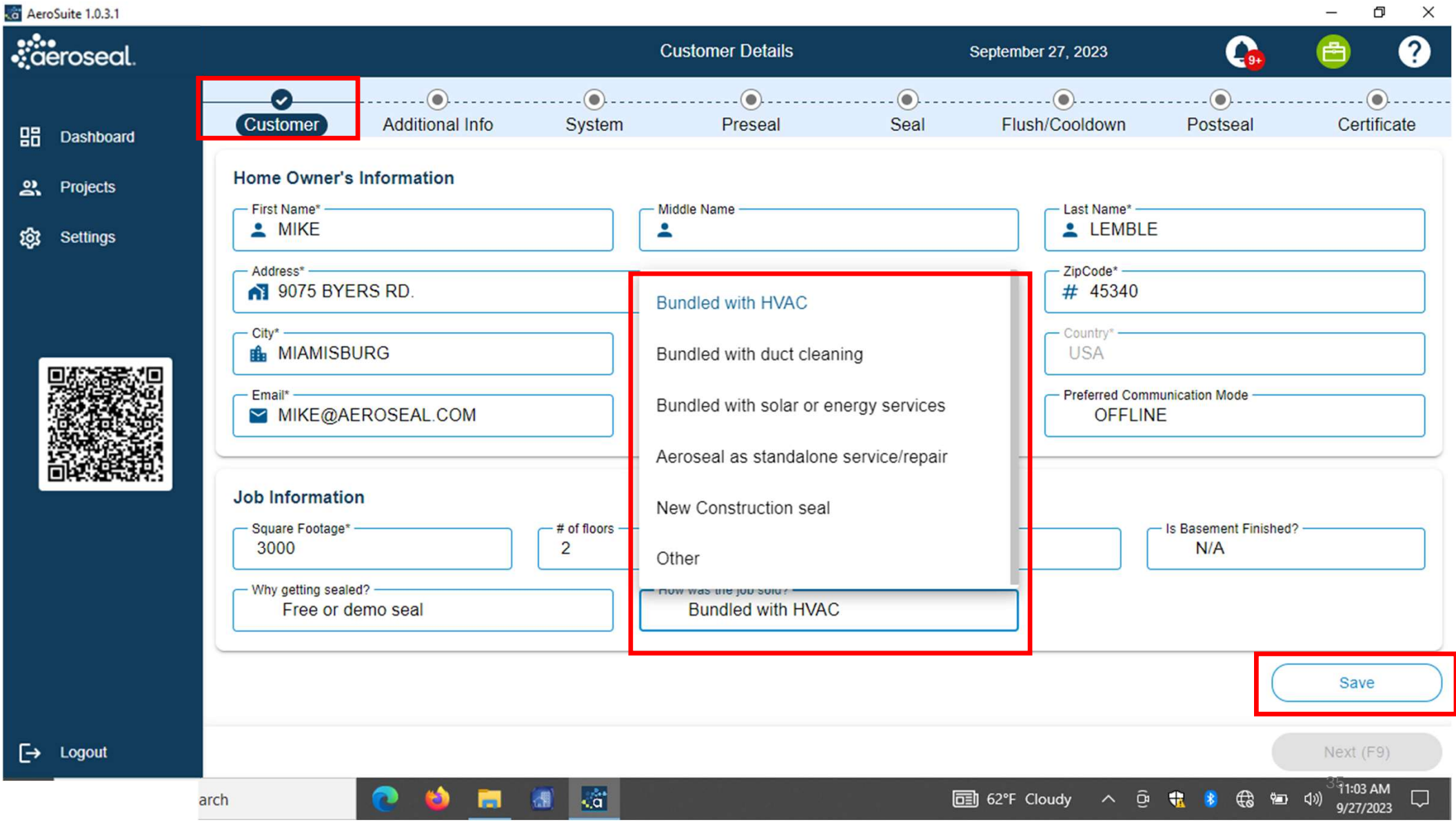
**SELECT FOR ALL FINISHED HOMES**

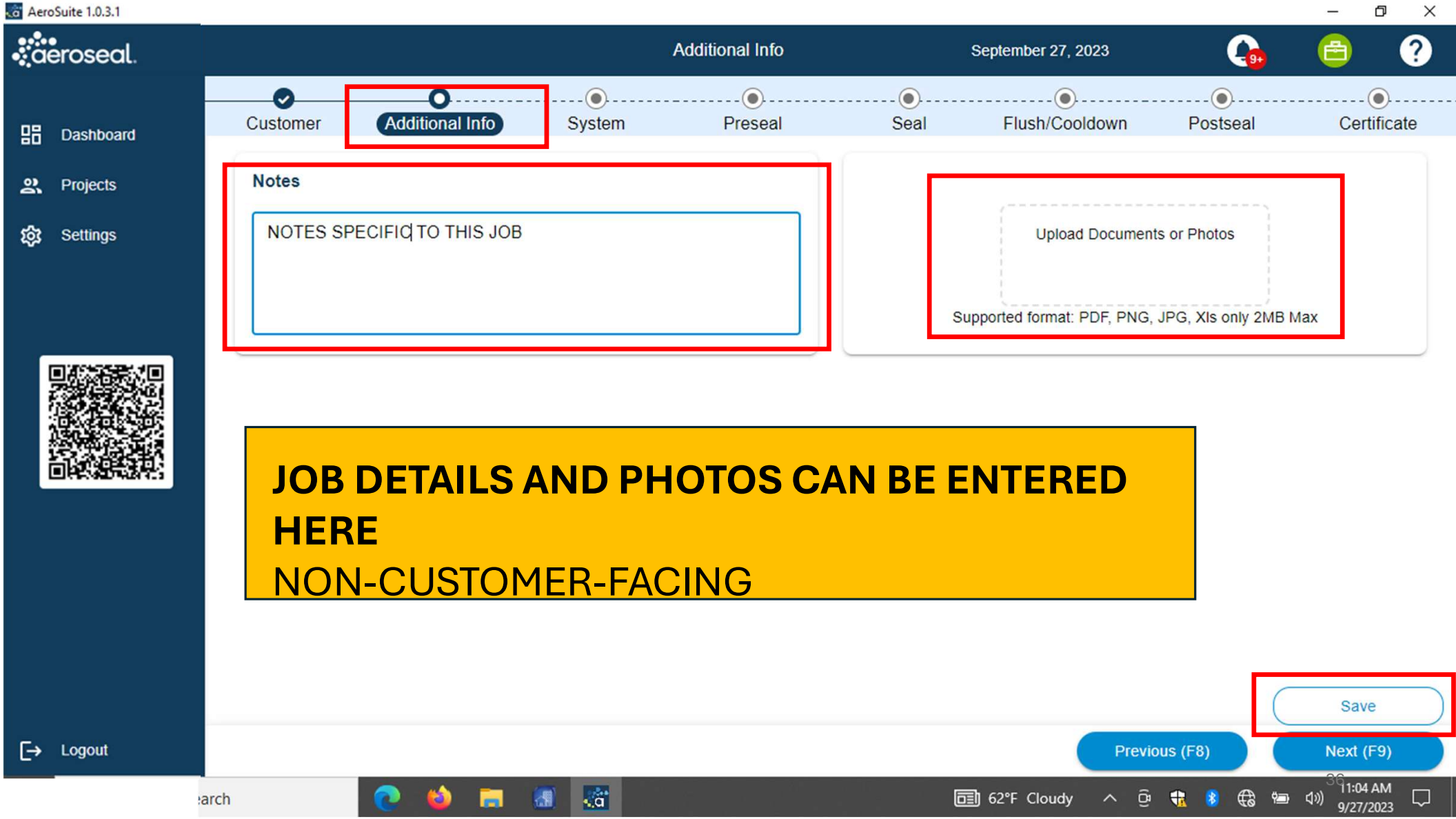
62°F Cloudy

10:59 AM
9/27/2023


AeroSuite 1.0.3.1
aeroseal
Dashboard
Projects
Settings
Logout
WORKFLOW SCREENS PROGRESS LEFT TO RIGHT ACROSS THE TOP
Customer
Additional Info
System
Preseal
Seal
Flush/Cooldown
Postseal
Certificate
Home Owner's Information
First Name*
Middle Name
Last Name*
Address*
ZipCode*
City*
State*
Select State
Country*
Email*
Mobile Number*
Preferred Communication Mode
OFFLINE
Job Information
Square Footage*
# of floors
# of rooms
Is Basement Finished?
Why getting sealed?
How was the job sold?
FIELDS WITH AN ASTERIX * ARE REQUIRED FIELDS
Save
Next (F9)


AeroSuite 1.0.3.1
aeroseal
Customer Details
September 27, 2023
9+
Dashboard
Projects
Settings
Logout
Customer
Additional Info
System
Preseal
Seal
Flush/Cooldown
Postseal
Certificate
Home Owner's Information
First Name*
MIKE
Middle Name
Last Name*
LEMBLE
Address*
9075 BYERS RD.
ZipCode*
45340
City*
MIAMISBURG
State*
Ohio
Country*
USA
Email*
MIKE@AEROSEAL.COM
Mobile Number*
(614) 333 3333
Preferred Communication Mode
OFFLINE
Job Information
Square Footage*
3000
# of floors
2
# of rooms
8
Is Basement Finished?
N/A
How was the job sold?
Bundled with HVAC
Sold with rebate
Free or demo seal
None of the above
Save
Next (F9)
62°F Cloudy
11:03 AM
9/27/2023


AeroSuite 1.0.3.1
aeroseal
Customer Details
September 27, 2023
Dashboard
Projects
Settings
Logout
Customer
Additional Info
System
Preseal
Seal
Flush/Cooldown
Postseal
Certificate
Home Owner's Information
First Name*
MIKE
Middle Name
Last Name*
LEMBLE
Address*
9075 BYERS RD.
ZipCode*
45340
City*
MIAMISBURG
Country*
USA
Email*
MIKE@AEROSEAL.COM
Preferred Communication Mode
OFFLINE
Job Information
Square Footage*
3000
# of floors
2
Is Basement Finished?
N/A
Why getting sealed?
Free or demo seal
How was the job sold?
Bundled with HVAC
Bundled with HVAC
Bundled with duct cleaning
Bundled with solar or energy services
Aeroseal as standalone service/repair
New Construction seal
Other
Save
Next (F9)
62°F Cloudy
11:03 AM
9/27/2023


AeroSuite 1.0.3.1
aeroseal
Additional Info
September 27, 2023
Dashboard
Projects
Settings
Logout
Customer
Additional Info
System
Preseal
Seal
Flush/Cooldown
Postseal
Certificate
Notes
NOTES SPECIFIC TO THIS JOB
Upload Documents or Photos
Supported format: PDF, PNG, JPG, Xls only 2MB Max
JOB DETAILS AND PHOTOS CAN BE ENTERED HERE
NON-CUSTOMER-FACING
Save
Previous (F8)
Next (F9)
62°F Cloudy
11:04 AM
9/27/2023

AeroSuite 1.0.0.0

aeroseal

System and Event Details

September 27, 2023

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

Dashboard

Customers

Settings

Add System | Add Sealing Event

**SEE THE TUTORIAL VIDEO ON PERFORMING A CAZ TEST IF ONE IS DEEMED NECESSARY**

**OTHERWISE, ACKNOWLEDGE AND CONTUNUE**

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

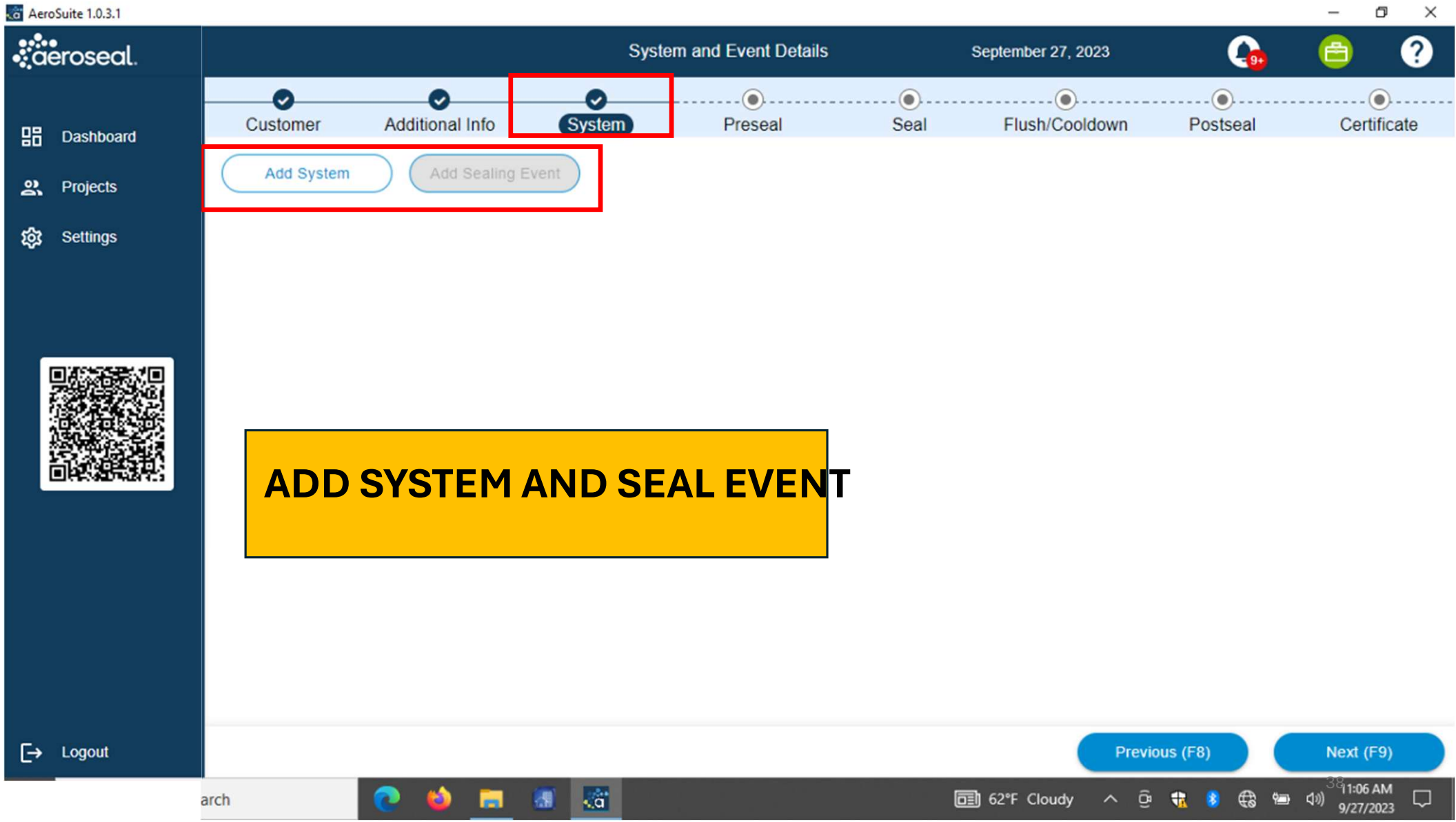

Logout

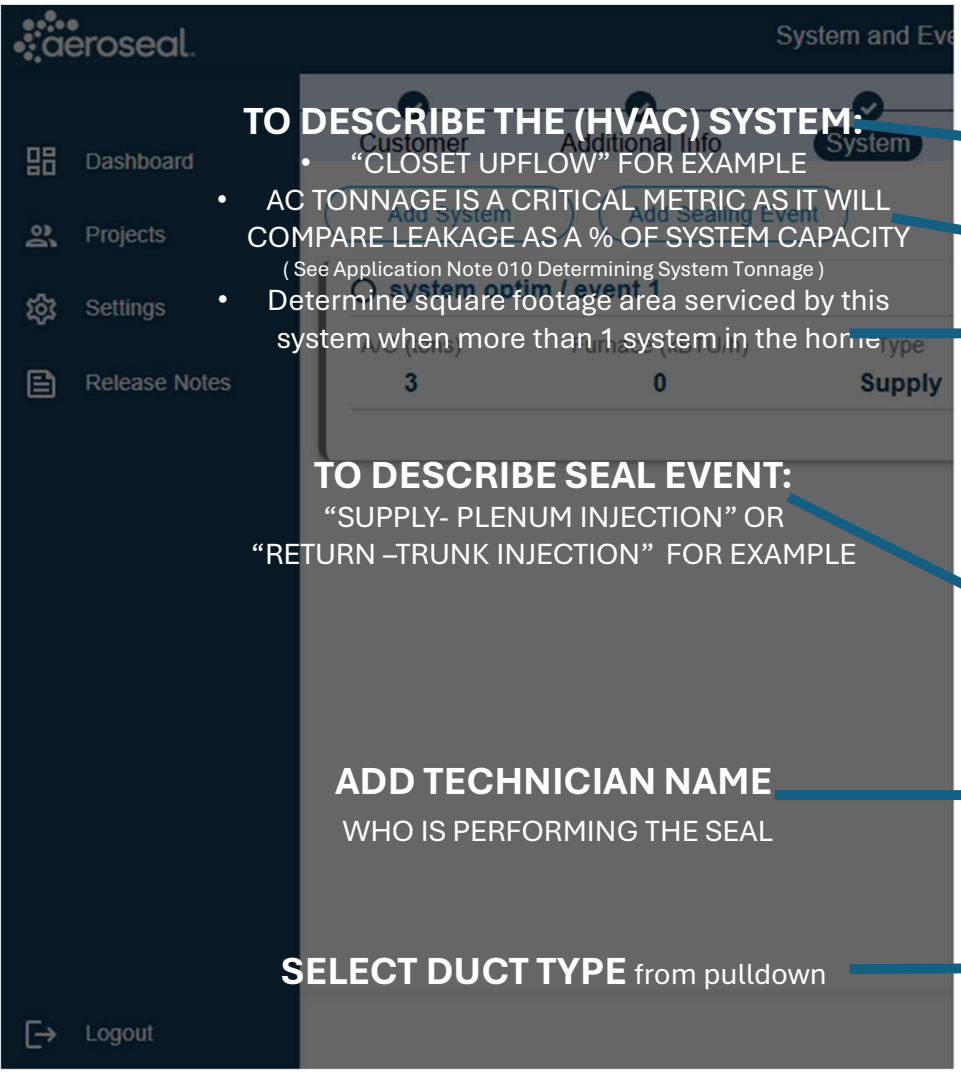
Previous (F8) | Next (F9)

Type here to search

62°F Cloudy

11:05 AM
9/27/2023


AeroSuite 1.0.3.1
aeroseal
System and Event Details
September 27, 2023
Dashboard
Projects
Settings
Logout
Customer
Additional Info
System
Preseal
Seal
Flush/Cooldown
Postseal
Certificate
Add System
Add Sealing Event
ADD SYSTEM AND SEAL EVENT
Previous (F8)
Next (F9)
62°F Cloudy
11:06 AM
9/27/2023




**TO DESCRIBE THE (HVAC) SYSTEM:**

- "CLOSET UPFLOW" FOR EXAMPLE
- AC TONNAGE IS A CRITICAL METRIC AS IT WILL COMPARE LEAKAGE AS A % OF SYSTEM CAPACITY
  ( See Application Note 010 Determining System Tonnage )
- Determine square footage area serviced by this system when more than 1 system in the home

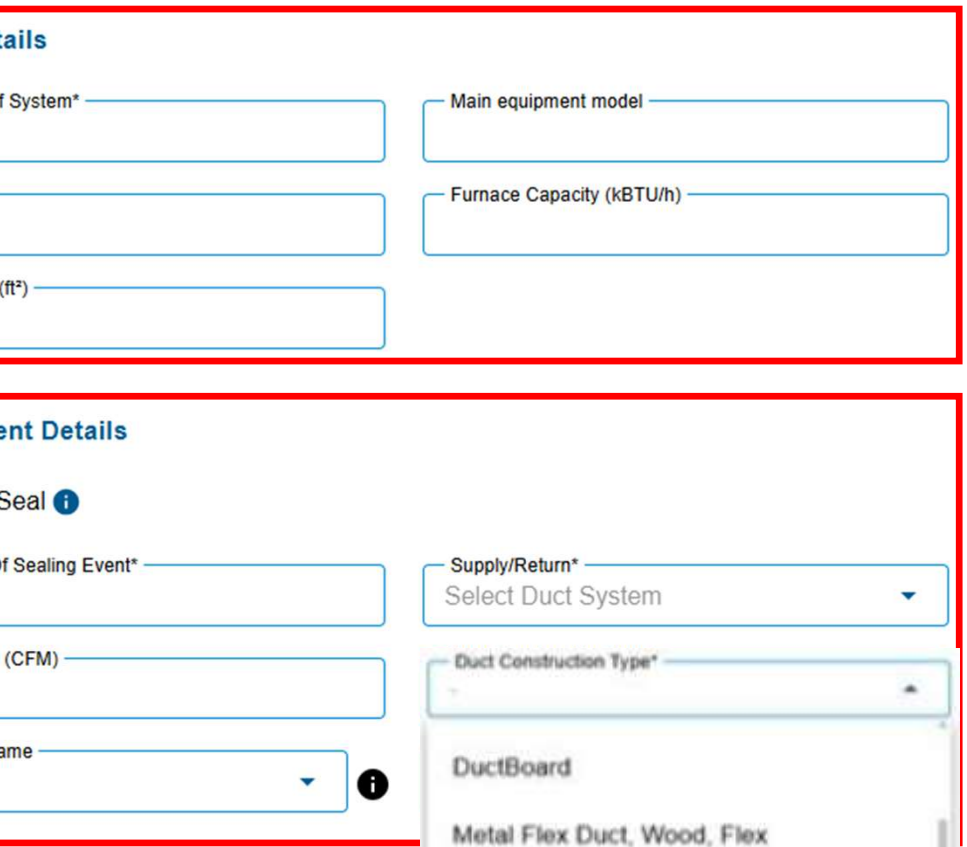
**TO DESCRIBE SEAL EVENT:**

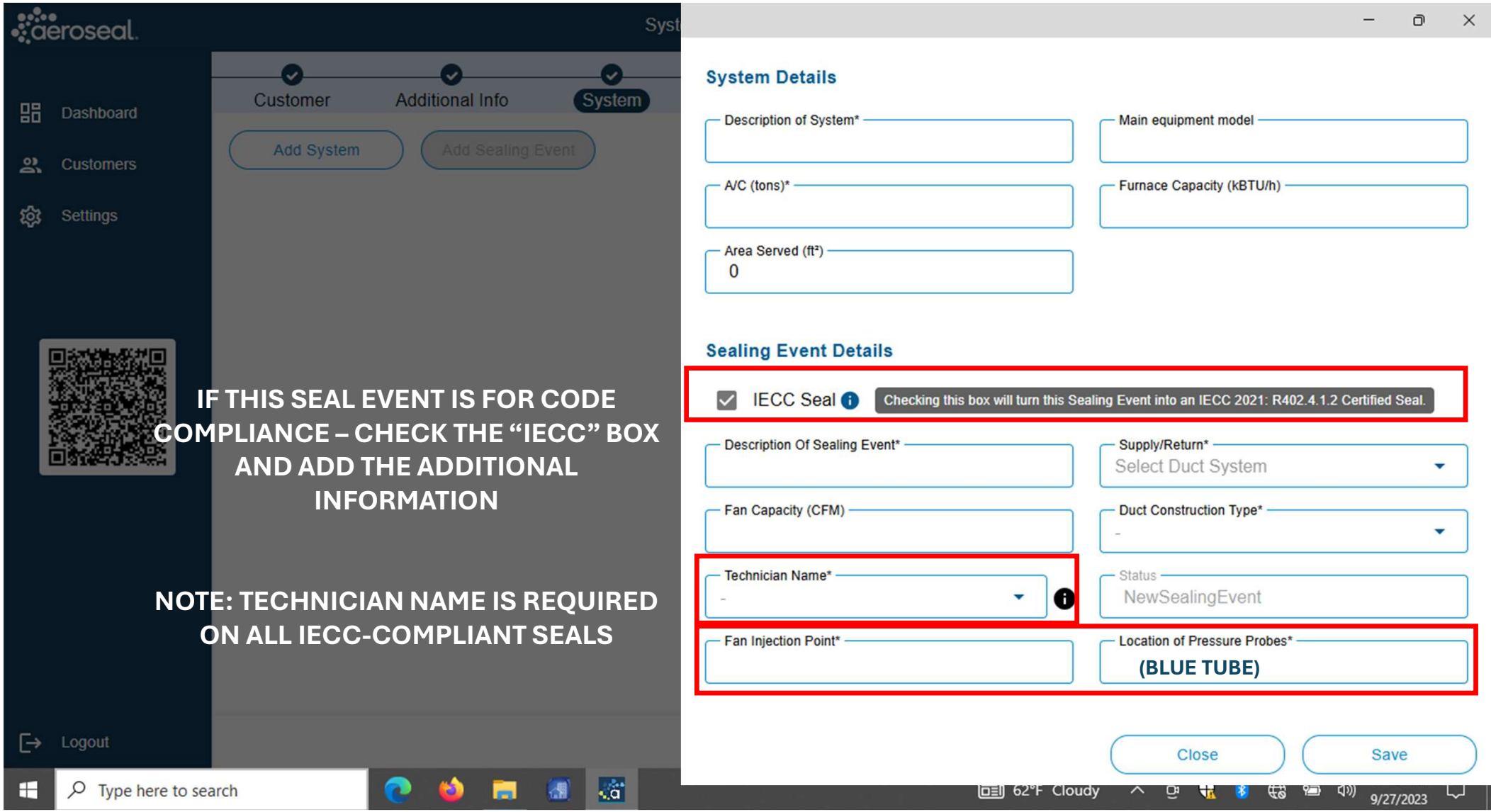
"SUPPLY- PLENUM INJECTION" OR
"RETURN –TRUNK INJECTION" FOR EXAMPLE

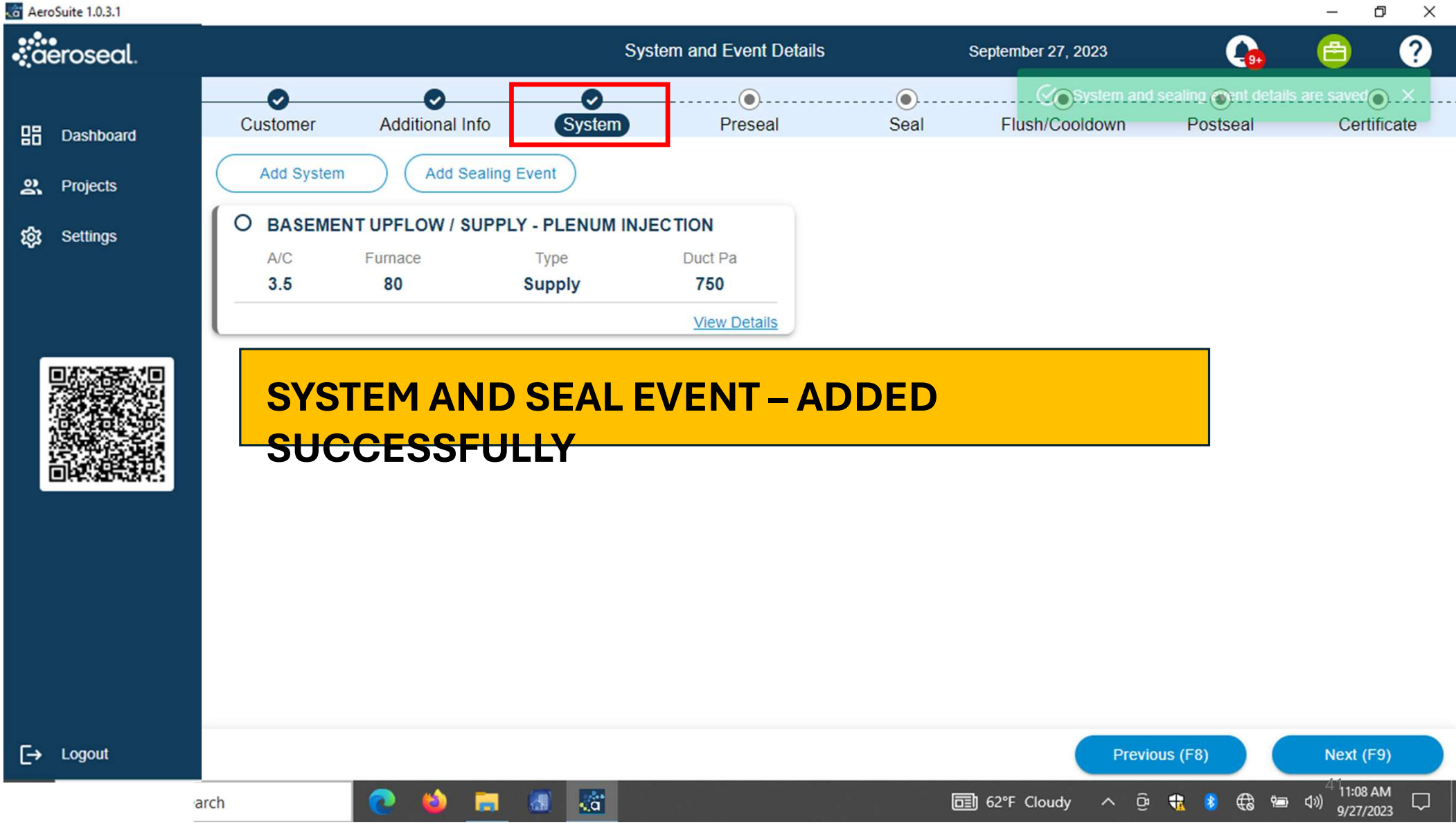
**ADD TECHNICIAN NAME**

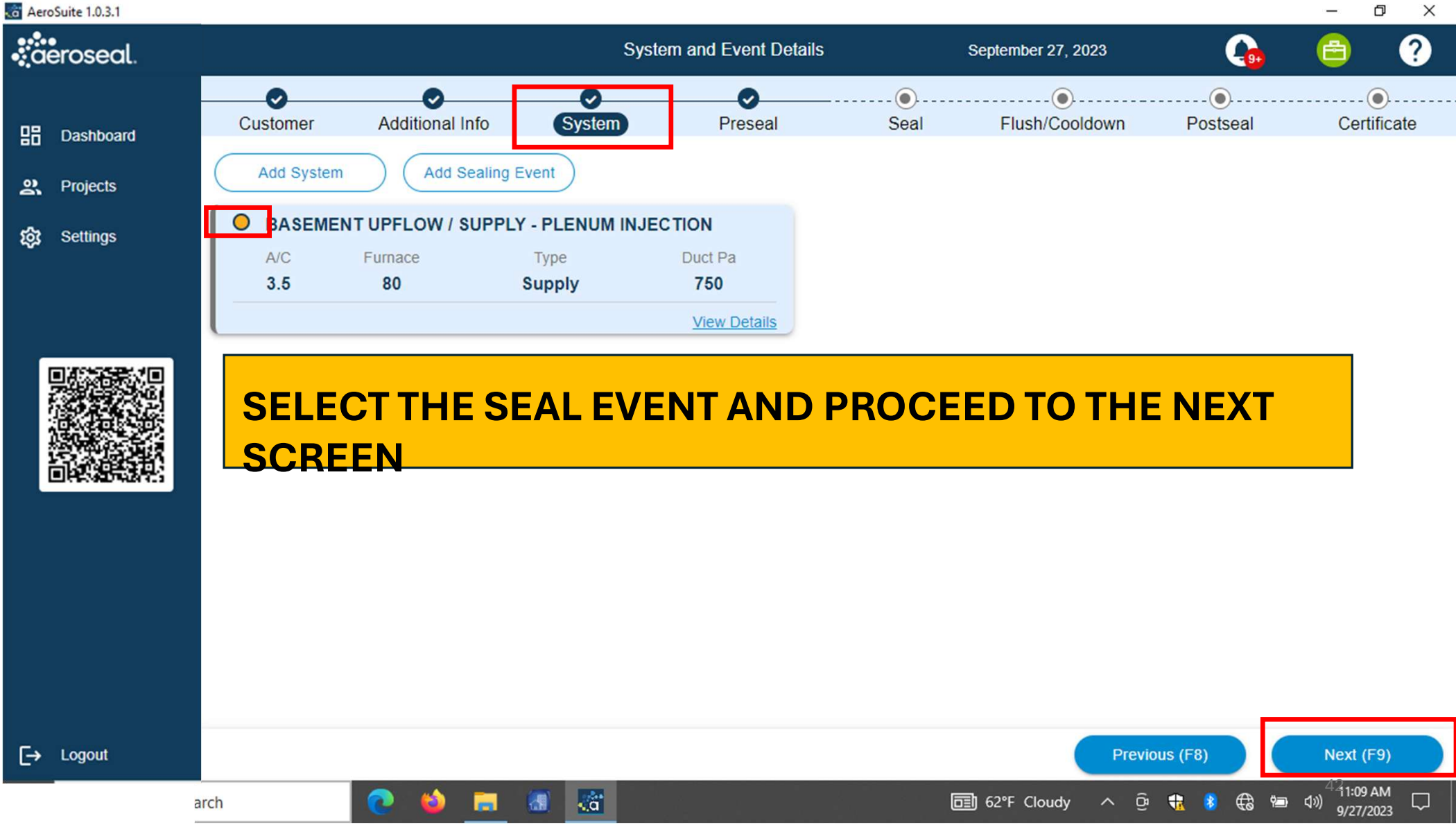
WHO IS PERFORMING THE SEAL

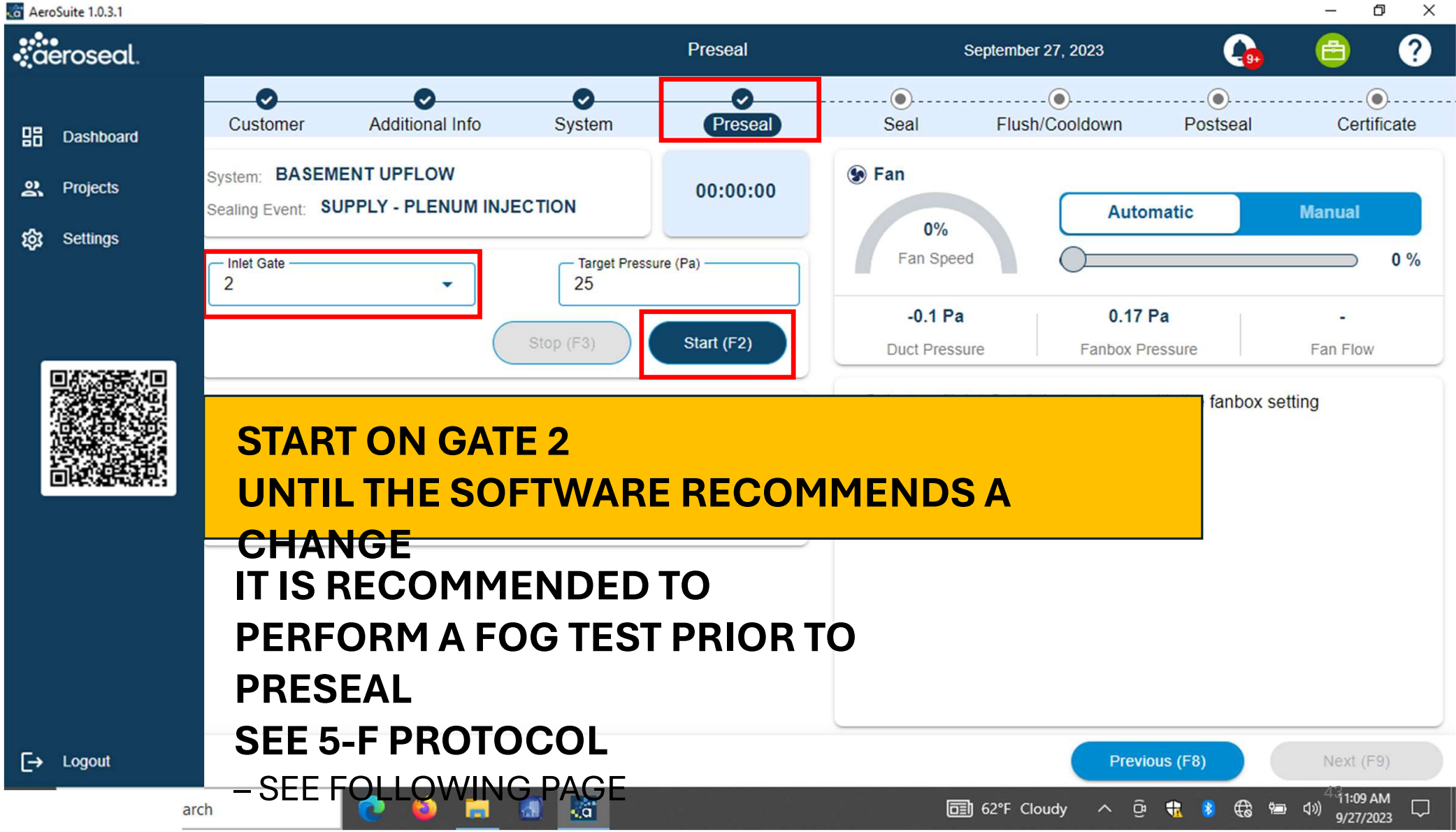
**SELECT DUCT TYPE** from pulldown





aeroseal
Dashboard
Customers
Settings
Logout
Customer
Additional Info
System
Add System
Add Sealing Event
IF THIS SEAL EVENT IS FOR CODE COMPLIANCE – CHECK THE "IECC" BOX AND ADD THE ADDITIONAL INFORMATION
NOTE: TECHNICIAN NAME IS REQUIRED ON ALL IECC-COMPLIANT SEALS
System Details
Description of System*
Main equipment model
A/C (tons)*
Furnace Capacity (kBTU/h)
Area Served (ft²)
0
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*
Select Duct System
Fan Capacity (CFM)
Duct Construction Type*
Technician Name*
Status
NewSealingEvent
Fan Injection Point*
Location of Pressure Probes*
(BLUE TUBE)
Close
Save
Type here to search
62°F Cloudy
9/27/2023


AeroSuite 1.0.3.1
aeroseal
System and Event Details
September 27, 2023
Dashboard
Projects
Settings
Logout
Customer
Additional Info
System
Preseal
Seal
Flush/Cooldown
Postseal
Certificate
System and sealing event details are saved
Add System
Add Sealing Event
BASEMENT UPFLOW / SUPPLY - PLENUM INJECTION
A/C
3.5
Furnace
80
Type
Supply
Duct Pa
750
View Details
SYSTEM AND SEAL EVENT – ADDED SUCCESSFULLY
Previous (F8)
Next (F9)
62°F Cloudy
11:08 AM
9/27/2023


AeroSuite 1.0.3.1
aeroseal
System and Event Details
September 27, 2023
Dashboard
Projects
Settings
Logout
Customer
Additional Info
System
Preseal
Seal
Flush/Cooldown
Postseal
Certificate
Add System
Add Sealing Event
BASEMENT UPFLOW / SUPPLY - PLENUM INJECTION
A/C
3.5
Furnace
80
Type
Supply
Duct Pa
750
View Details
SELECT THE SEAL EVENT AND PROCEED TO THE NEXT SCREEN
Previous (F8)
Next (F9)
62°F Cloudy
11:09 AM
9/27/2023




**START ON GATE 2**
**UNTIL THE SOFTWARE RECOMMENDS A CHANGE**

**IT IS RECOMMENDED TO PERFORM A FOG TEST PRIOR TO PRESEAL**

**SEE 5-F PROTOCOL**

– SEE FOLLOWING PAGE

aeroseal

## 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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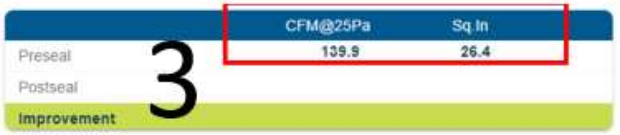
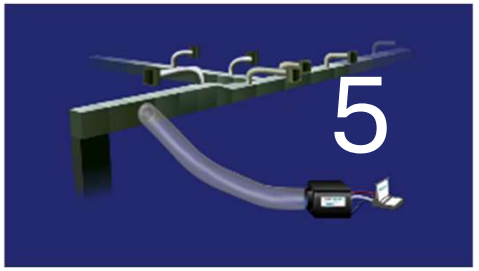
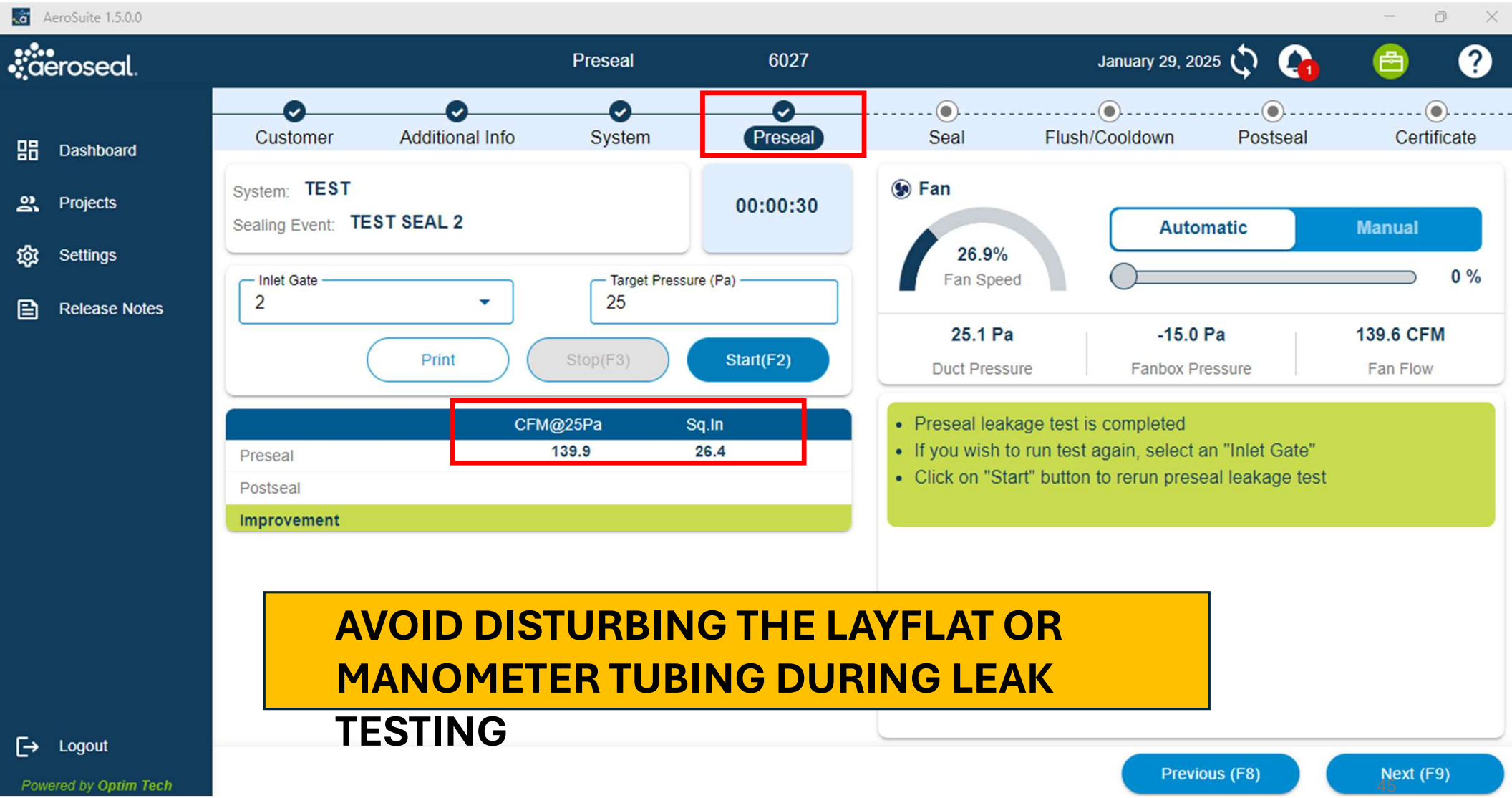
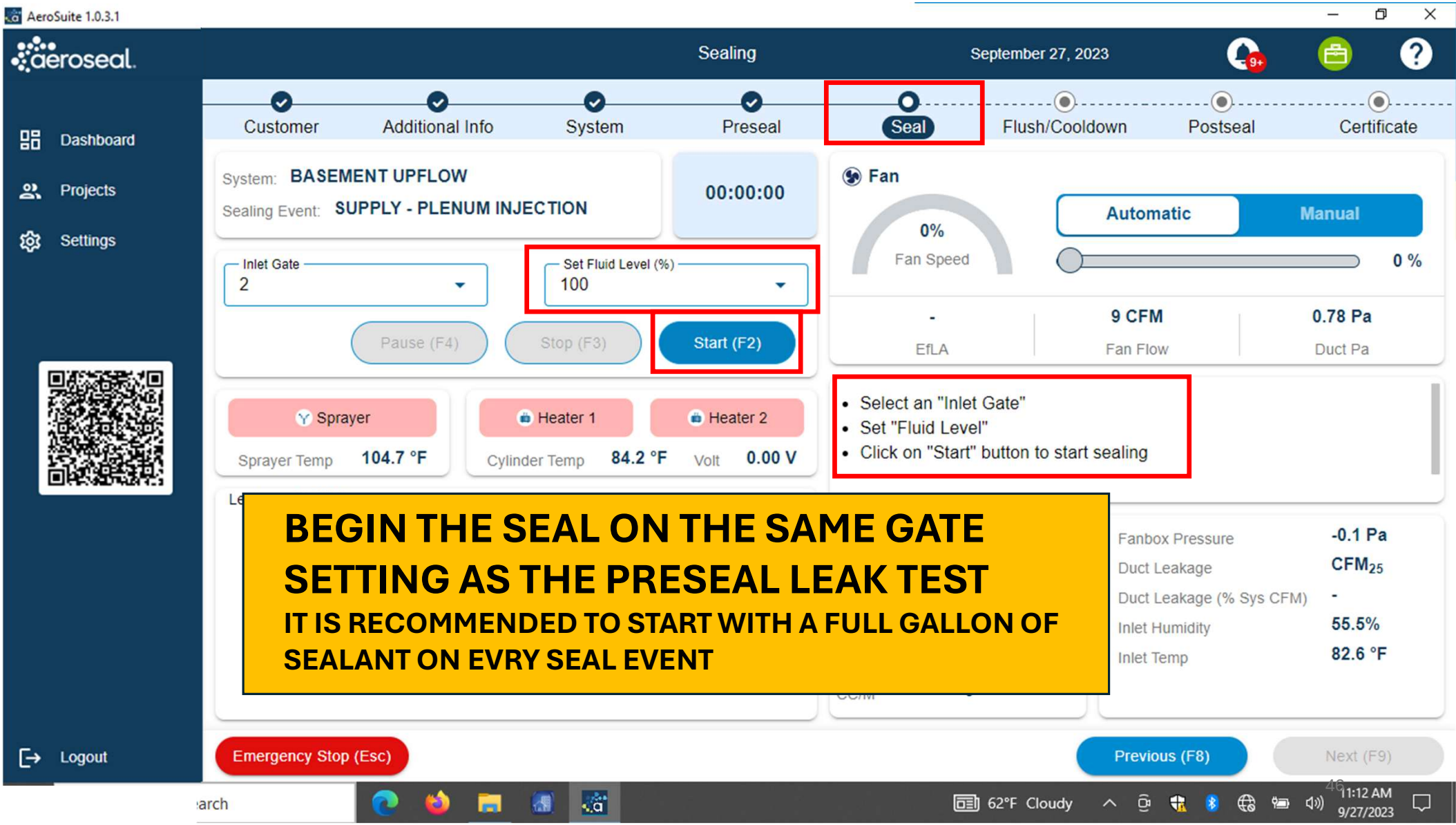


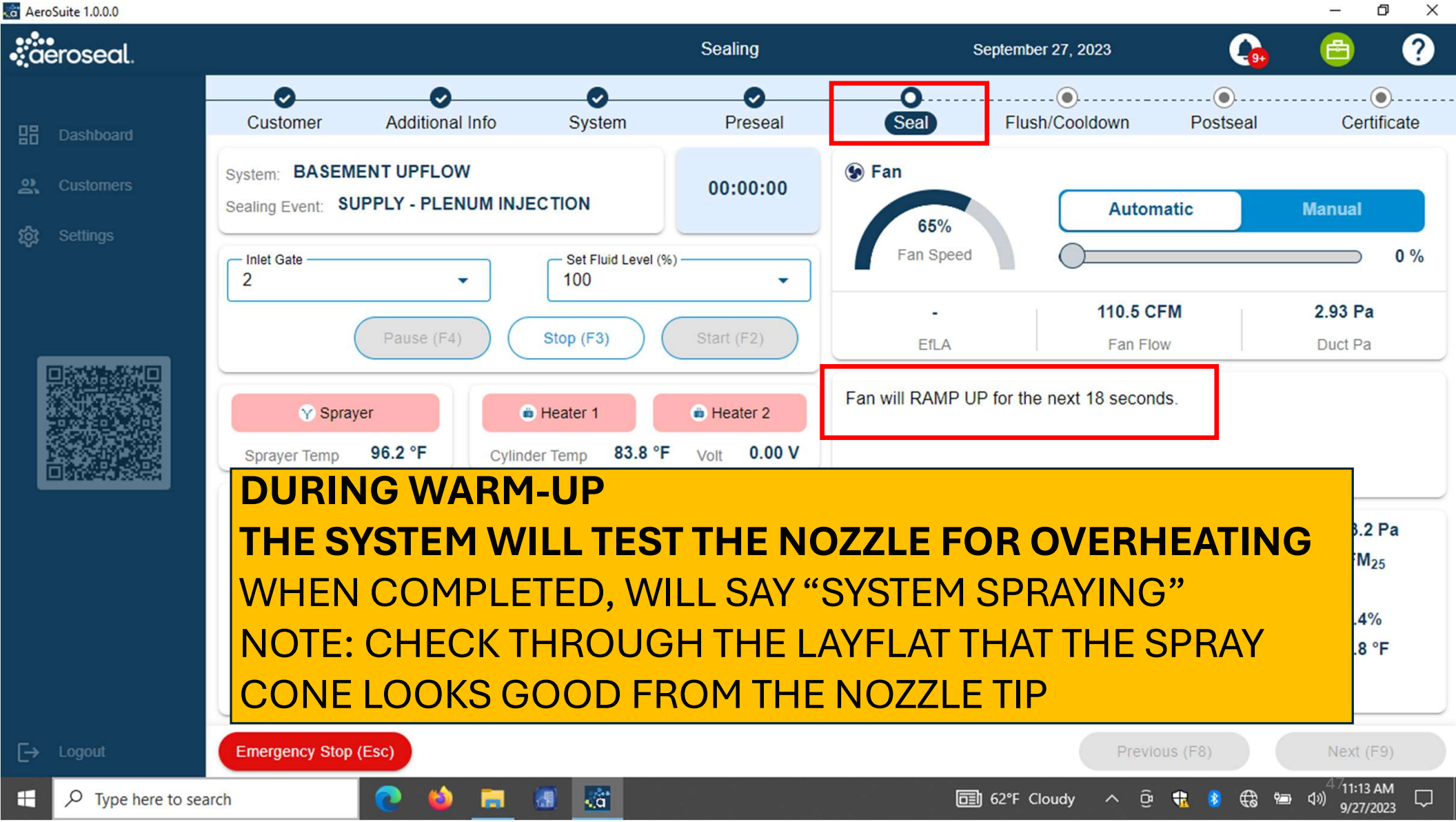


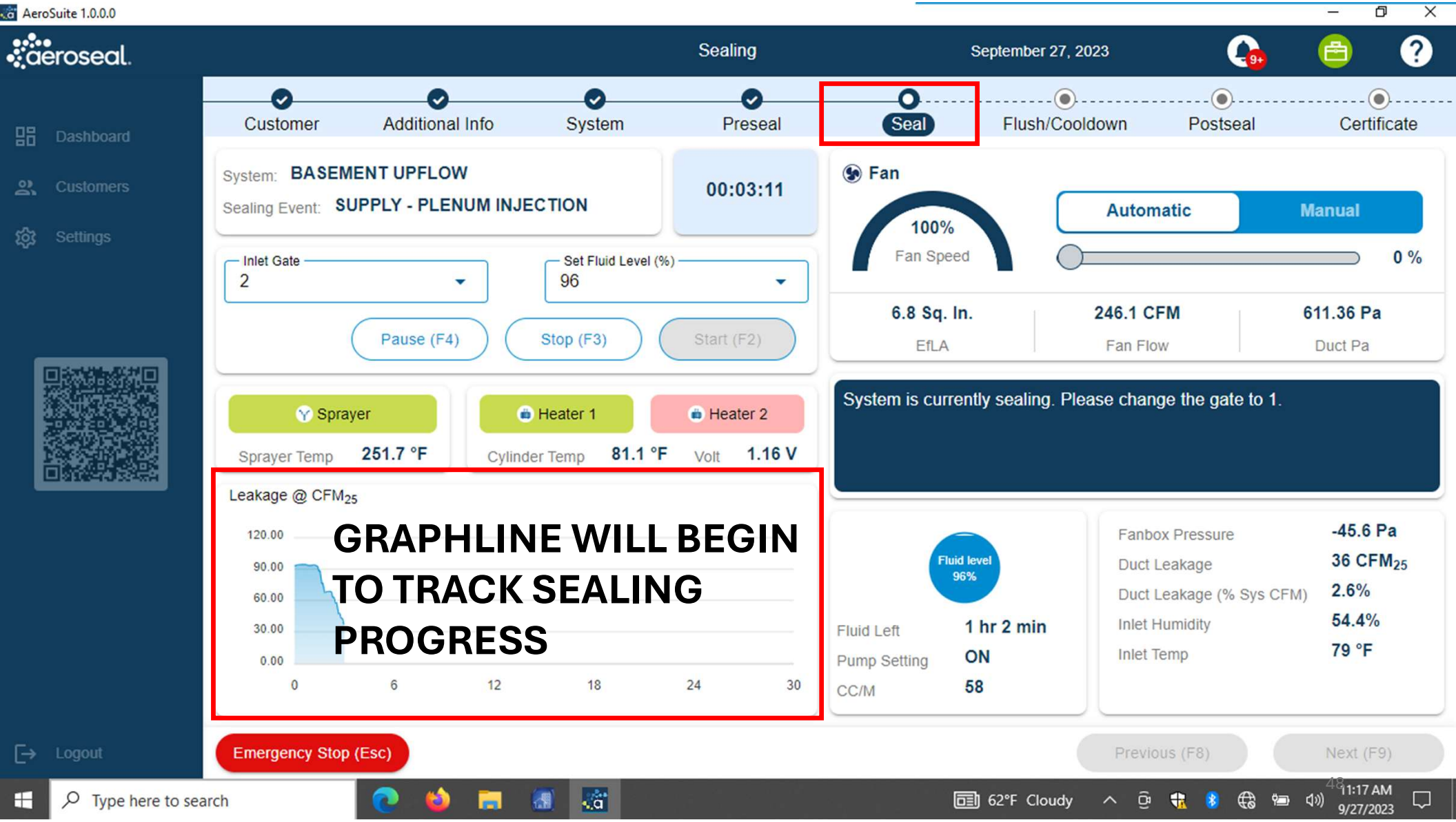


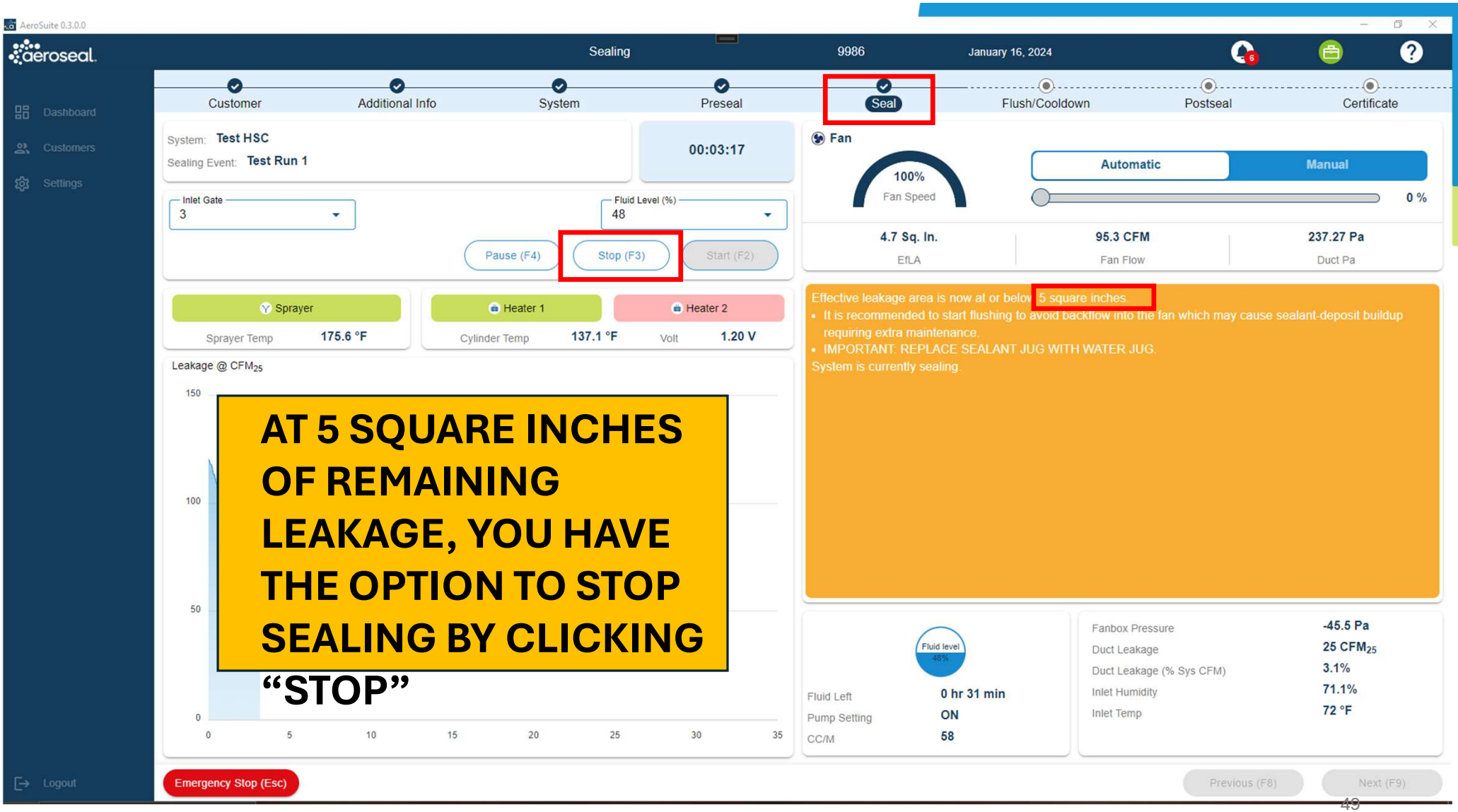


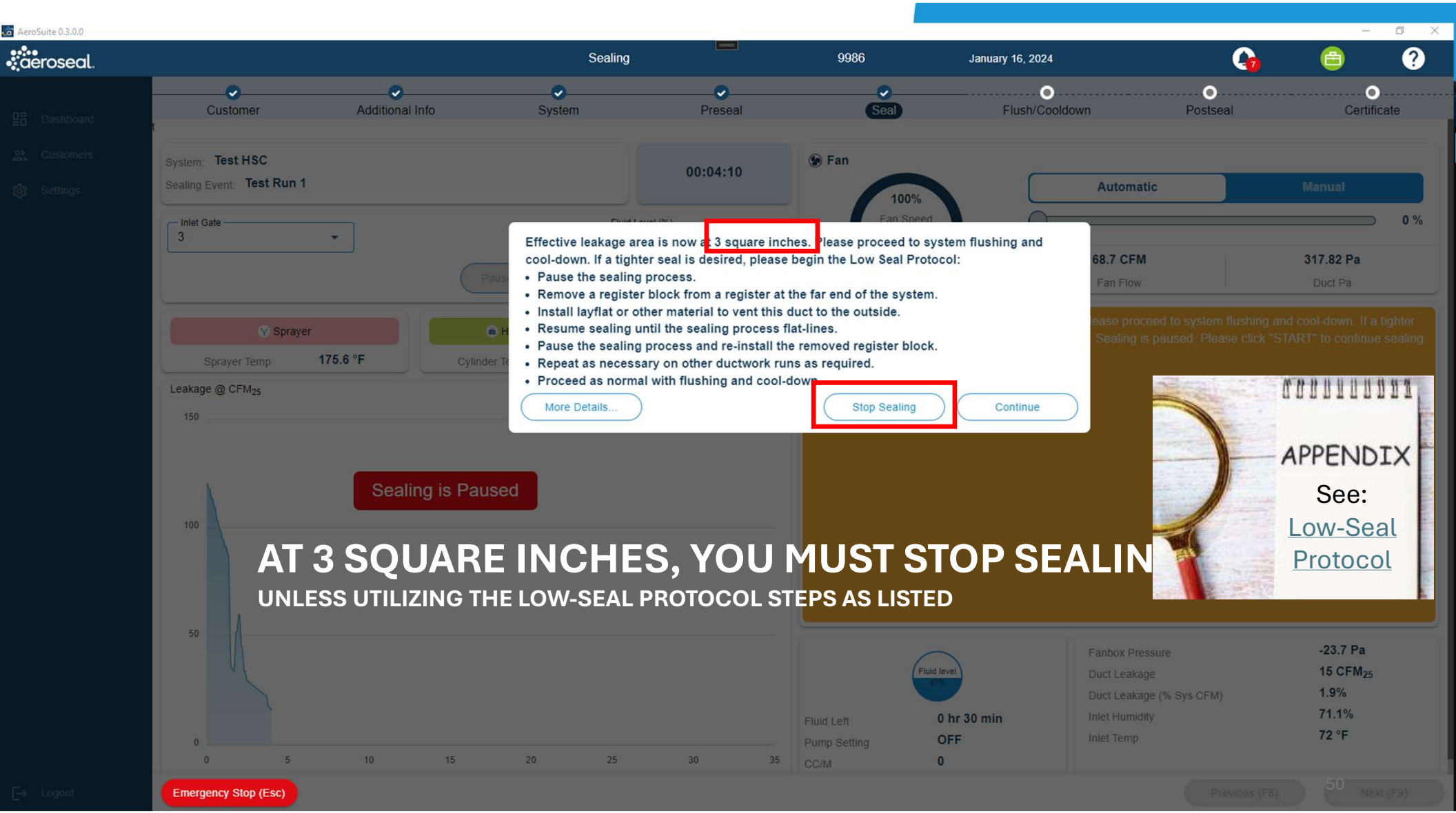

**AVOID DISTURBING THE LAYFLAT OR MANOMETER TUBING DURING LEAK TESTING**

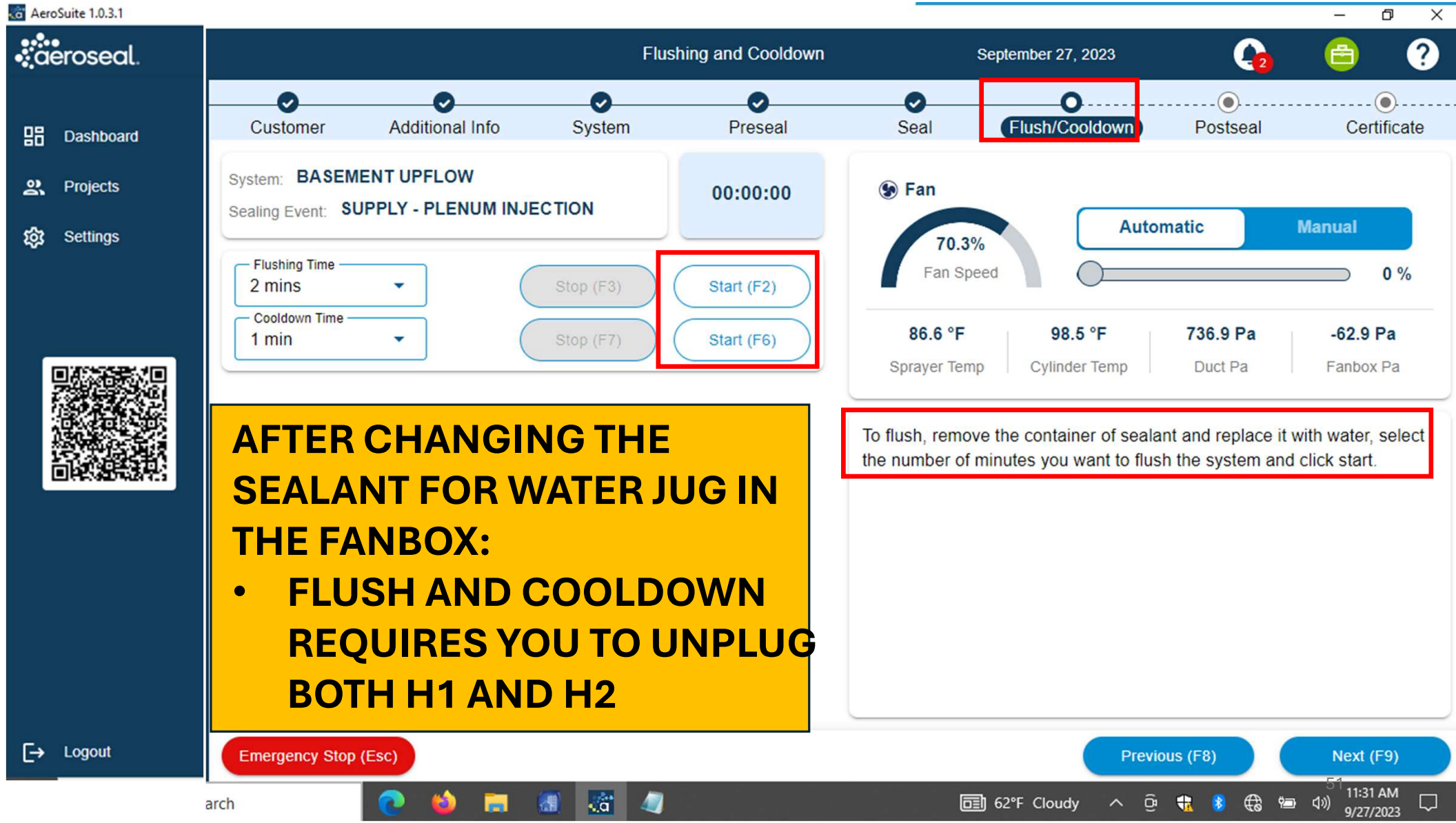

AeroSuite 1.0.3.1
aeroseal
Sealing
September 27, 2023
Dashboard
Projects
Settings
Logout
Customer
Additional Info
System
Preseal
Seal
Flush/Cooldown
Postseal
Certificate
System: BASEMENT UPFLOW
Sealing Event: SUPPLY - PLENUM INJECTION
00:00:00
Fan
0%
Fan Speed
Automatic
Manual
0 %
Inlet Gate
2
Set Fluid Level (%)
100
Pause (F4)
Stop (F3)
Start (F2)
-
EfLA
9 CFM
Fan Flow
0.78 Pa
Duct Pa
Sprayer
Heater 1
Heater 2
Sprayer Temp 104.7 °F
Cylinder Temp 84.2 °F
Volt 0.00 V
Select an "Inlet Gate"
Set "Fluid Level"
Click on "Start" button to start sealing
BEGIN THE SEAL ON THE SAME GATE SETTING AS THE PRESEAL LEAK TEST
IT IS RECOMMENDED TO START WITH A FULL GALLON OF SEALANT ON EVRY SEAL EVENT
Fanbox Pressure -0.1 Pa
Duct Leakage CFM25
Duct Leakage (% Sys CFM) -
Inlet Humidity 55.5%
Inlet Temp 82.6 °F
Emergency Stop (Esc)
Previous (F8)
Next (F9)
62°F Cloudy
11:12 AM
9/27/2023

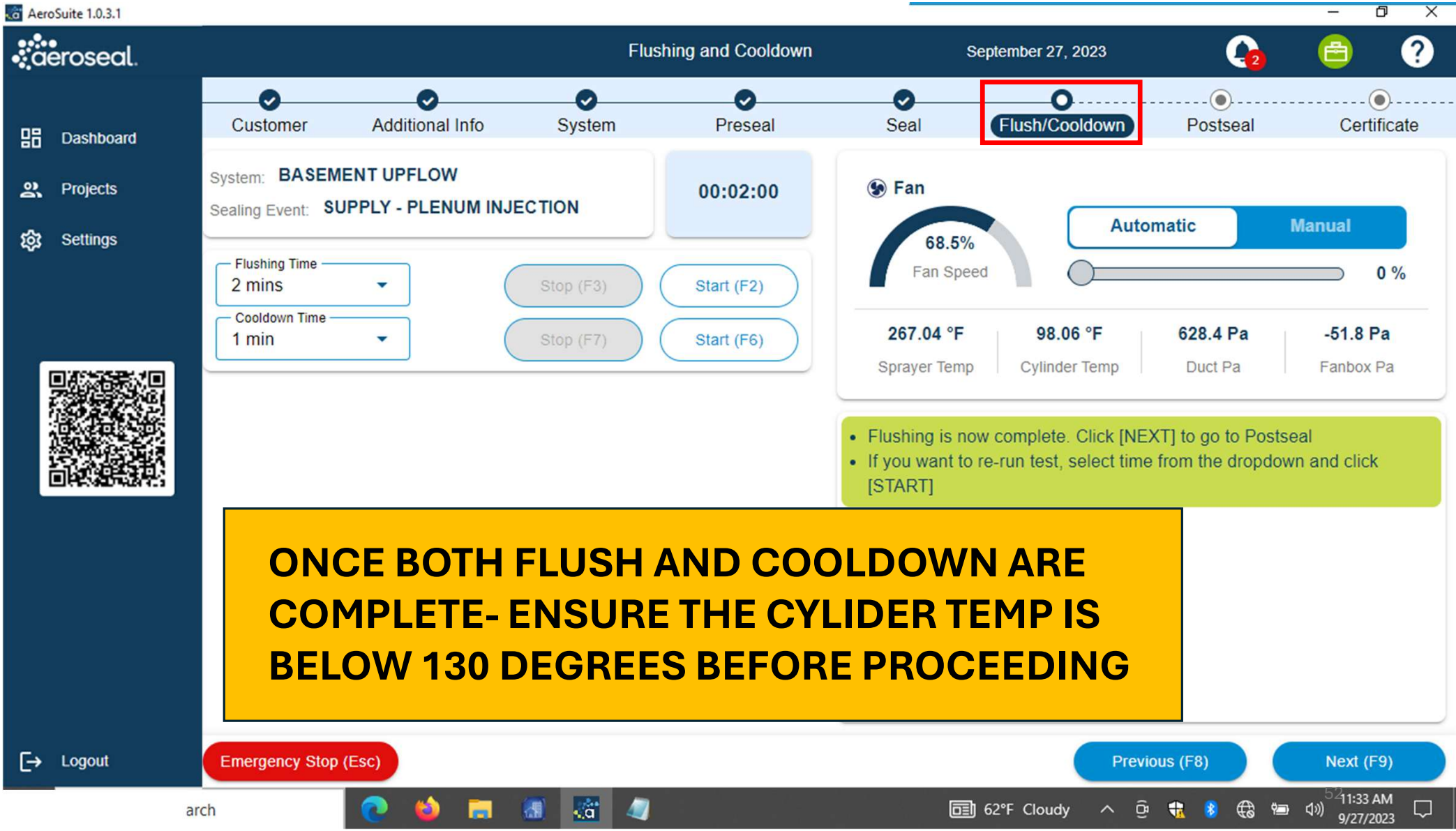

AeroSuite 1.0.0.0
aeroseal
Sealing
September 27, 2023
Dashboard
Customers
Settings
Logout
Customer
Additional Info
System
Preseal
Seal
Flush/Cooldown
Postseal
Certificate
System: BASEMENT UPFLOW
Sealing Event: SUPPLY - PLENUM INJECTION
00:00:00
Fan
65%
Fan Speed
Automatic
Manual
0 %
Inlet Gate
2
Set Fluid Level (%)
100
Pause (F4)
Stop (F3)
Start (F2)
-
EfLA
110.5 CFM
Fan Flow
2.93 Pa
Duct Pa
Sprayer
Heater 1
Heater 2
Sprayer Temp 96.2 °F
Cylinder Temp 83.8 °F
Volt 0.00 V
Fan will RAMP UP for the next 18 seconds.
DURING WARM-UP
THE SYSTEM WILL TEST THE NOZZLE FOR OVERHEATING
WHEN COMPLETED, WILL SAY “SYSTEM SPRAYING”
NOTE: CHECK THROUGH THE LAYFLAT THAT THE SPRAY CONE LOOKS GOOD FROM THE NOZZLE TIP
Emergency Stop (Esc)
Previous (F8)
Next (F9)
Type here to search
62°F Cloudy
11:13 AM
9/27/2023

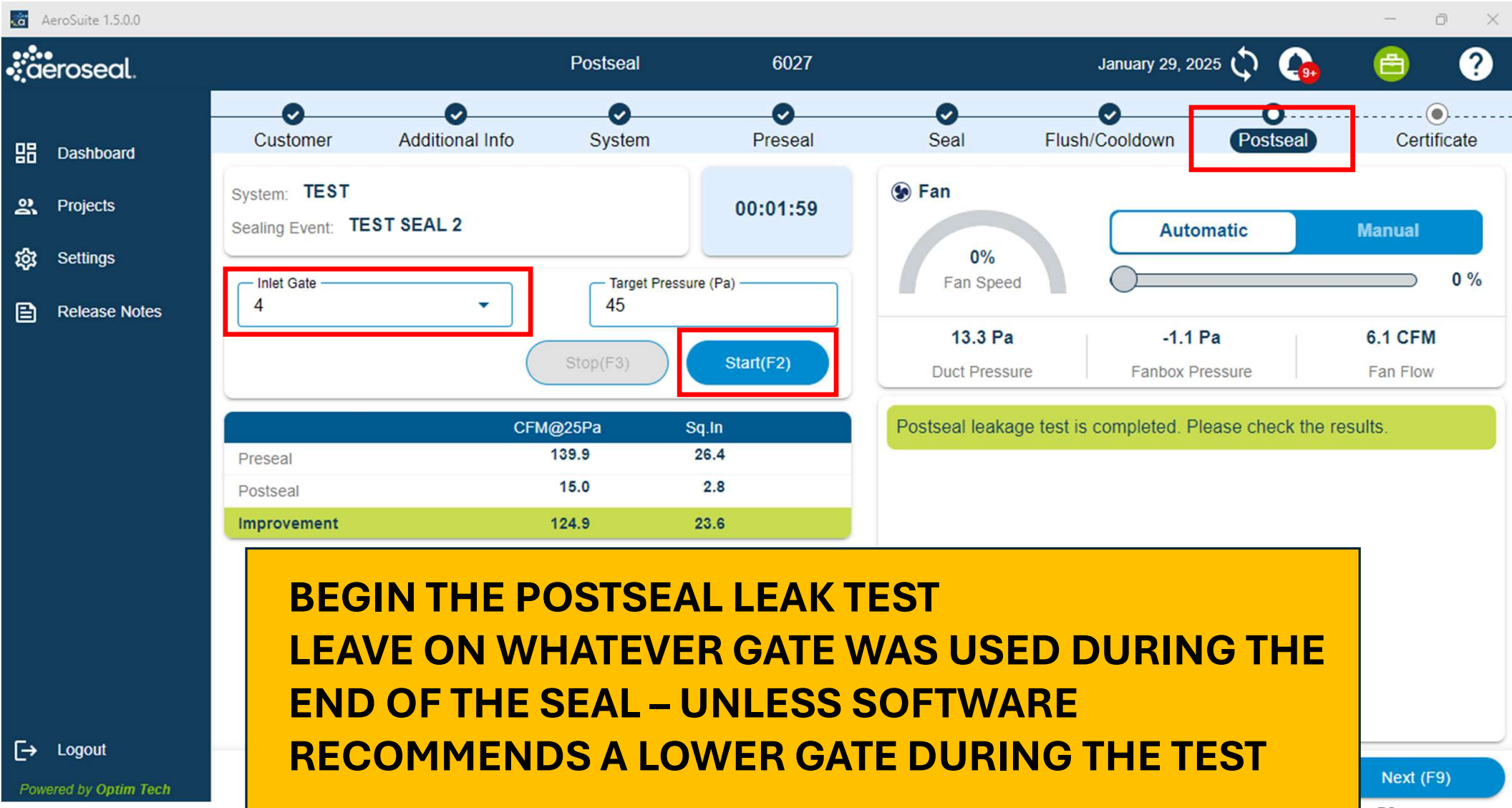

AeroSuite 1.0.0.0
aeroseal
Sealing
September 27, 2023
Dashboard
Customers
Settings
Logout
Customer
Additional Info
System
Preseal
Seal
Flush/Cooldown
Postseal
Certificate
System: BASEMENT UPFLOW
Sealing Event: SUPPLY - PLENUM INJECTION
00:03:11
Fan
100%
Fan Speed
Automatic
Manual
0 %
Inlet Gate
2
Set Fluid Level (%)
96
Pause (F4)
Stop (F3)
Start (F2)
6.8 Sq. In.
EfLA
246.1 CFM
Fan Flow
611.36 Pa
Duct Pa
Sprayer
Heater 1
Heater 2
Sprayer Temp 251.7 °F
Cylinder Temp 81.1 °F
Volt 1.16 V
System is currently sealing. Please change the gate to 1.
Leakage @ CFM25
120.00
90.00
60.00
30.00
0.00
0
6
12
18
24
30
GRAPHLINE WILL BEGIN TO TRACK SEALING PROGRESS
Fluid level 96%
Fluid Left 1 hr 2 min
Pump Setting ON
CC/M 58
Fanbox Pressure -45.6 Pa
Duct Leakage 36 CFM25
Duct Leakage (% Sys CFM) 2.6%
Inlet Humidity 54.4%
Inlet Temp 79 °F
Emergency Stop (Esc)
Previous (F8)
Next (F9)
Type here to search
62°F Cloudy
11:17 AM
9/27/2023


AeroSuite 0.3.0.0
aeroseal
Sealing
9986
January 16, 2024
Dashboard
Customers
Settings
Logout
Customer
Additional Info
System
Preseal
Seal
Flush/Cooldown
Postseal
Certificate
System: Test HSC
Sealing Event: Test Run 1
00:03:17
Inlet Gate
3
Fluid Level (%)
48
Pause (F4)
Stop (F3)
Start (F2)
Fan
100%
Fan Speed
Automatic
Manual
0 %
4.7 Sq. In.
EfLA
95.3 CFM
Fan Flow
237.27 Pa
Duct Pa
Sprayer
Sprayer Temp
175.6 °F
Heater 1
Cylinder Temp
137.1 °F
Heater 2
Volt
1.20 V
Effective leakage area is now at or below 5 square inches.
It is recommended to start flushing to avoid backflow into the fan which may cause sealant-deposit buildup requiring extra maintenance.
IMPORTANT: REPLACE SEALANT JUG WITH WATER JUG.
System is currently sealing.
Leakage @ CFM25
150
100
50
0
0
5
10
15
20
25
30
35
AT 5 SQUARE INCHES OF REMAINING LEAKAGE, YOU HAVE THE OPTION TO STOP SEALING BY CLICKING "STOP"
Fluid level
48%
Fluid Left
0 hr 31 min
Pump Setting
ON
CC/M
58
Fanbox Pressure
-45.5 Pa
Duct Leakage
25 CFM25
Duct Leakage (% Sys CFM)
3.1%
Inlet Humidity
71.1%
Inlet Temp
72 °F
Emergency Stop (Esc)
Previous (F8)
Next (F9)

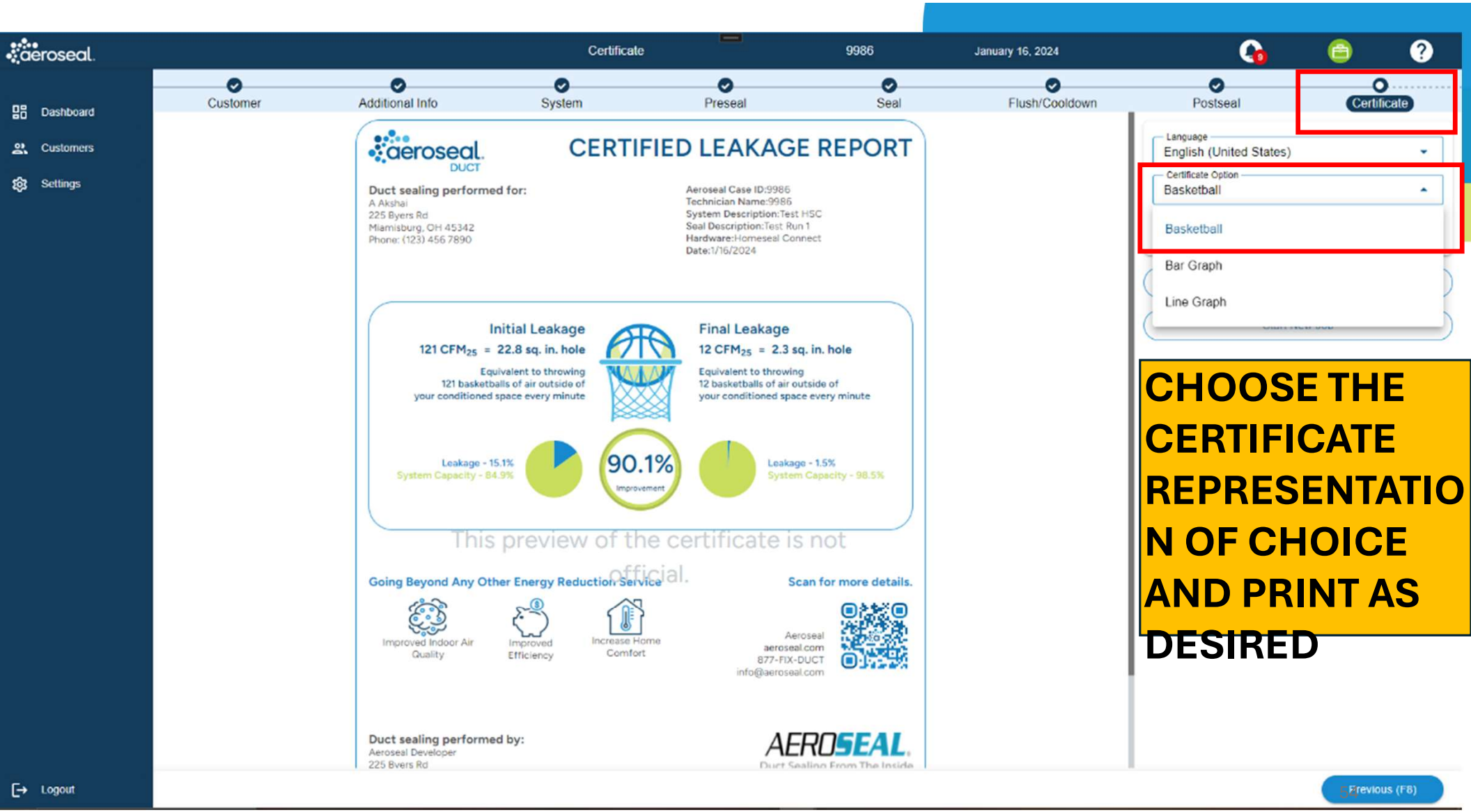

AeroSuite 0.3.0.0
aeroseal
Sealing
9986
January 16, 2024
Customer
Additional Info
System
Preseal
Seal
Flush/Cooldown
Postseal
Certificate
Dashboard
Customers
Settings
System: Test HSC
Sealing Event: Test Run 1
00:04:10
Fan
100%
Fan Speed
Automatic
Manual
0 %
Inlet Gate
3
Effective leakage area is now 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
Sprayer
Sprayer Temp
175.6 °F
ease proceed to system flushing and cool-down. If a tighter
Sealing is paused. Please click "START" to continue sealing.
Leakage @ CFM25
150
100
50
0
0
5
10
15
20
25
30
35
Sealing is Paused
APPENDIX
See:
Low-Seal
Protocol
AT 3 SQUARE INCHES, YOU MUST STOP SEALIN
UNLESS UTILIZING THE LOW-SEAL PROTOCOL STEPS AS LISTED
Fluid level
Fluid Left
0 hr 30 min
Pump Setting
OFF
CC/M
0
Fanbox Pressure
-23.7 Pa
Duct Leakage
15 CFM25
Duct Leakage (% Sys CFM)
1.9%
Inlet Humidity
71.1%
Inlet Temp
72 °F
Logout
Emergency Stop (Esc)
Previous (F8)
Next (F9)


AeroSuite 1.0.3.1
aeroseal
Dashboard
Projects
Settings
Logout
Flushing and Cooldown
September 27, 2023
Customer
Additional Info
System
Preseal
Seal
Flush/Cooldown
Postseal
Certificate
System: BASEMENT UPFLOW
Sealing Event: SUPPLY - PLENUM INJECTION
00:00:00
Flushing Time
2 mins
Cooldown Time
1 min
Stop (F3)
Stop (F7)
Start (F2)
Start (F6)
Fan
70.3%
Fan Speed
Automatic
Manual
0 %
86.6 °F
Sprayer Temp
98.5 °F
Cylinder Temp
736.9 Pa
Duct Pa
-62.9 Pa
Fanbox Pa
To flush, remove the container of sealant and replace it with water, select the number of minutes you want to flush the system and click start.
AFTER CHANGING THE SEALANT FOR WATER JUG IN THE FANBOX:
• FLUSH AND COOLDOWN REQUIRES YOU TO UNPLUG BOTH H1 AND H2
Emergency Stop (Esc)
Previous (F8)
Next (F9)
62°F Cloudy
11:31 AM
9/27/2023


AeroSuite 1.0.3.1
aeroseal
Flushing and Cooldown
September 27, 2023
Dashboard
Projects
Settings
Logout
Customer
Additional Info
System
Preseal
Seal
Flush/Cooldown
Postseal
Certificate
System: BASEMENT UPFLOW
Sealing Event: SUPPLY - PLENUM INJECTION
00:02:00
Flushing Time
2 mins
Cooldown Time
1 min
Stop (F3)
Start (F2)
Stop (F7)
Start (F6)
Fan
68.5%
Fan Speed
Automatic
Manual
0 %
267.04 °F
Sprayer Temp
98.06 °F
Cylinder Temp
628.4 Pa
Duct Pa
-51.8 Pa
Fanbox Pa
Flushing is now complete. Click [NEXT] to go to Postseal
If you want to re-run test, select time from the dropdown and click [START]
ONCE BOTH FLUSH AND COOLDOWN ARE COMPLETE- ENSURE THE CYLIDER TEMP IS BELOW 130 DEGREES BEFORE PROCEEDING
Emergency Stop (Esc)
Previous (F8)
Next (F9)
62°F Cloudy
11:33 AM
9/27/2023




**BEGIN THE POSTSEAL LEAK TEST**
**LEAVE ON WHATEVER GATE WAS USED DURING THE END OF THE SEAL – UNLESS SOFTWARE RECOMMENDS A LOWER GATE DURING THE TEST**




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

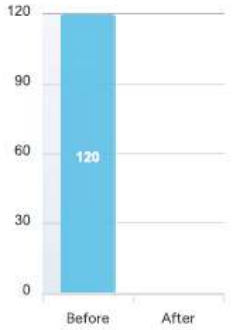
# CERTIFIED LEAKAGE REPORT

**Duct sealing performed for:**
Aeroseal Customer
225 Byers Rd
Miamisburg, OH 45342
Phone: (123) 456 7890

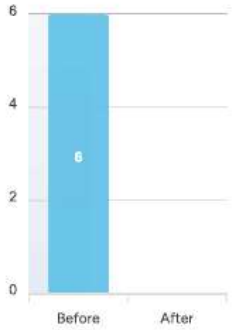
Aeroseal Case ID:9986
System Description:Test Supply System
Seal Description:Test Event 1
Hardware:Homeseal Connect

Technician Name:9986
Date:1/19/2024

Leakage ($CFM_{25}$)




Leakage ($CFM_{25}/100ft^2$)
2000 $ft^2$ of conditioned floor area




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**

Improved Indoor Air Quality

Improved Efficiency

Increase Home Comfort

**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"

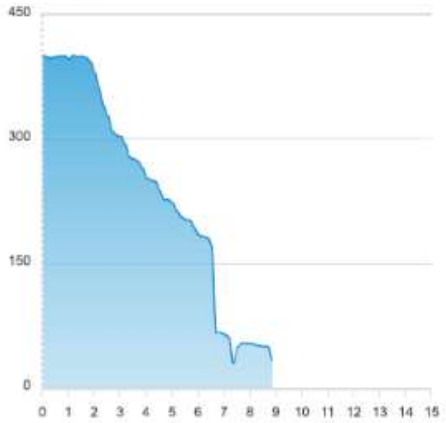
# CERTIFIED LEAKAGE REPORT

**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:S257, S252
Hardware:Homeseal Connect

Technician Name:9890
Date:8/19/2024

Leakage ($CFM_{25}$)




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

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Improved Efficiency

Increased Home Comfort

This QR code links to Aeroseal website

**Scan for more details**

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"

# What's New in Software Update 1.9.2.0

The new "Mark Project Complete" button on the View Summary/Certificate page locks the project. Once marked as complete, no further sealing events or systems can be added, ensuring the record remains accurate and finalized.




**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 LBS = 54 trees**