

# SmartSeal Software



## The Smartseal Software program

- Controls the testing and sealing processes
- The following pages demonstrate the software use; process and associated screens



# INITIAL SETUP



SmartSeal(4.4.6.14) CaseID 6501 Commercial - [Select Customer]

File View Just the Facts Maintenance Help

## HOME SCREEN

*Euro4.0 - Commercial License*

Create New Customer Choose Existing Customer Help

MONTHLY UPLOAD REMINDER

Date of next upload required by license 3/2/2026

TOTAL CFM LEAKAGE SEALED (ODOMETER)

Lifetime CFM leakage recovered 49

WI-FI CONNECTION

•Connected to Fanbox via Wi-Fi•

STATUS Menu Customer System/Sealing Preseal Seal Postseal Certificate Next [F9] >

5°F Mostly sunny Search 11:20 AM 1/30/2026

# To **UPLOAD** to Aeroseal, connect to an internet source

The screenshot shows the SmartSeal(4.4.6.14) interface for CaseID 6501 Commercial. The menu bar includes File, View, Just the Facts, Maintenance, and Help. A 'Time to Upload' dialog box is open, displaying the message: "This machine (6501) has not been uploaded for 87 days. You must upload to Aeroseal now to continue using the SmartSeal software." Below this message is an "Upload to Aeroseal" button and a "Cancel" button. A yellow note states: "NOTE: Internet connection is required for upload. You have earned an upload credit by doing a previous upload. You can claim this credit to unlock the software for the next six hours." A "Database Upload" dialog box is also open, showing a progress bar at 75% and the text: "Sending files... (2 of 4) [0%] Upload in progress. Program will automatically close after upload." Below this is a "Cancel" button and another yellow note: "You have earned an upload credit by doing a previous upload. You can claim this credit to unlock the software for the next six hours." A "Claim Upload Credit" button is visible. At the bottom of the interface, there are fields for "Date of next upload required by license" (3/2/2026) and "Lifetime CFM leakage recovered" (49). A status bar at the bottom indicates "Connected to Fanbox via Wi-Fi".

Maintenance Help  
Upload to Aeroseal

**YOU CAN ALSO UPLOAD ANYTIME FROM THE MAINT TAB**

The image shows a Windows system tray overlay with the following settings:

- Network: No internet (Wi-Fi icon), Not connected (Bluetooth icon), Airplane mode (Airplane icon).
- Rotation lock: Off (Rotation lock icon).
- Energy saver: Off (Energy saver icon).
- Accessibility: Off (Accessibility icon).
- Light: Brightness slider.
- Volume: Volume slider.
- System tray: 100% battery, Wi-Fi, Bluetooth, and Settings icons.

# ENTER YOUR CONTRACTOR INFO FROM THE MAINT TAB



SmartSeal(4.4.5.11) CaseID 7023 Commercial And Residential - [Select Customer]

**MAINTENANCE TAB**

- Maintenance
- Help
- Upload to Aeroseal
- View Hardware
- System Flush
- Registry
- Language
- Units of Measurement
- Configuration
  - Configure Hardware
  - Contractor Info
  - Change License
  - Change Hardware
  - Change Case ID
  - Low

**CONFIGURATION**

**CONTRACTOR INFORMATION**

# oseal®

**Create New Cl**

Contractor Information

Billing Contractor Name	<input type="text"/>
*Certificate Contractor Name	Aeroseal Commercial Duct
Logo File	<input type="text"/> <input type="button" value="Browse"/>
	Best Size - 1800 x 400 pixels
*Address 1	225 Byers Rd
Address 2	<input type="text"/>
*City	Miamisburg
State/Prov/Terr	OH
*Postal Code	45342
Country	USA
Phone	877-349-3828
Fax	<input type="text"/>

**UPLOAD YOUR LOGO TO A LOCAL FILE TO APPEAR ON SEAL CERTIFICATES (JPG/PNG FILES)**

Next [F9] >

# CONNECT LAPTOP TO FANBOX WIFI ROUTER



SmartSeal(4.4.6.14) CaseID 6501 Commercial - [Select Customer]

File View Just the Facts Maintenance Help

*Euro4.0 - Commercial License*

Create New Customer Choose Existing Customer Help

Date of next upload required by license 3/2/2026

Lifetime CFM leakage recovered 49

Connected to Fanbox via Wi-Fi

Menu Customer System/Sealing Preseal Seal Postseal Certificate

5°F Mostly sunny Search 11:20 AM 1/30/2026

Wi-Fi settings panel showing:

- Wi-Fi (toggle on)
- AerosealGuest (Connected, secured) [Disconnect]
- aeroseal6501** (highlighted)
- AERO4IOT
- AERO4OFFICEB
- More Wi-Fi settings

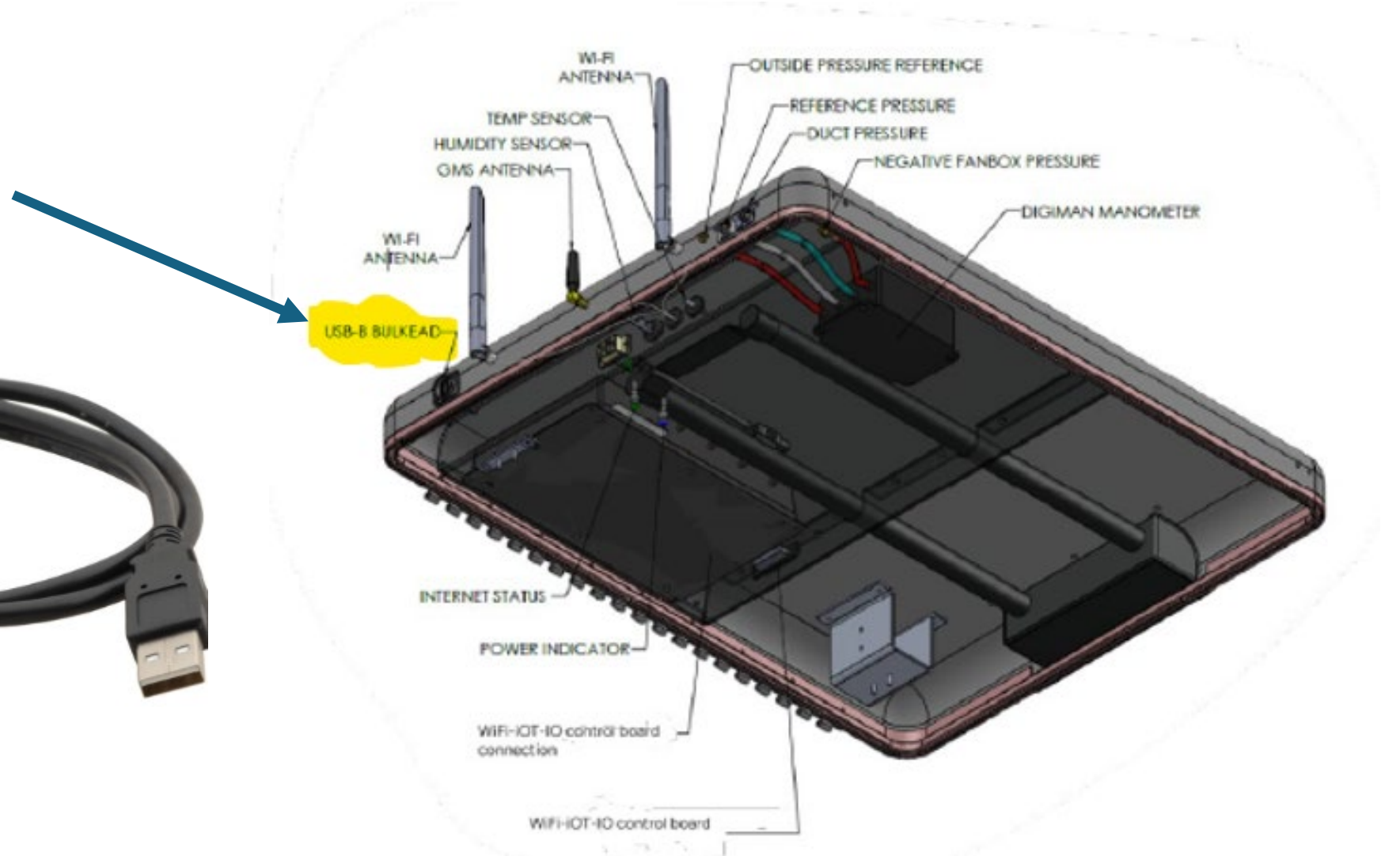
# FANBOX - WI-FI CONNECTIONS STATUS



- 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.



# HARD-WIRED USB CONNECTION (optional)



# CREATE NEW CUSTOMER / PROJECT



SmartSeal(4.4.6.14) CaseID 6501 Commercial - [Select Customer]

File View Just the Facts Maintenance Help



*Euro4.0 - Commercial License*

Create New Customer

Choose Existing Customer

Help

Date of next upload required by license 3/2/2026

Lifetime CFM leakage recovered 49

•Connected to Fanbox via Wi-Fi•

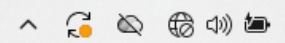
Menu Customer System/Sealing Preseal Seal Postseal Certificate

Next [F9] >

4 5°F  
Mostly sunny



Q Search



11:24 AM  
1/30/2026



# ALL (\*) FIELDS ARE REQUIRED-select Project Type

SmartSeal(4.4.6.14) CaselD 6501 Commercial - [Commercial Project]

File View Just the Facts Maintenance Help

Project Name	Date Created
Final Test	11/25/2024 9:45:28 AM

\*Project Name Building B Corporate Office

Customer Name Aeroseal llc

Project Description Duct System Seal

\*Address 1 225 Byer;s rd

Address 2

\*City Miamisburg

\*State/Prov/Terr OH

\*Postal Code 45342 Country USA

Project Type Plan Spec

Specifying Engineer Mike Lembel Architect Kent Summers

General Contractor Ohio's Contrating Corporation

Building Type Commercial Building

Phone Number 877-349-3828

SMACNA  
 EN 12237 / EN 1507 / EN 16798-3  
 DW 144

Edit Customer Save Customer Cancel Changes Help

Fields marked with \* are required fields.

Add New Project

# EXAMPLE: EN12237



SmartSeal(4.4.6.14) CaseID 6501 Commercial - [Existing Project]

File View Just the Facts Maintenance Help

### Building B Corporate Office

**System**

Add System

\*Description of System  \*Technician name

Main equipment model  \*Operating Pressure  \*Units

\*A/C tonnage  Type of HVAC unit

\*Fan capacity (CFM)

Edit System Save System Cancel System Changes Help

**Sealing Event**

Add Sealing Event

\*Description of sealing event

\*Supply/Return  Edit CFM

\*Maximum duct pressure

Status

Supply air system

\*Operating Pressure

Edit Event Save Event Cancel Sealing Changes Help

EN12237

Duct Class

\*Surface Area (ft<sup>2</sup>)

\*Air Tightness Class

Allowable Leakage (CFM) 0.0

Note: Allowable leakage will calculate on save

Connected to Fanbox via Wi-Fi

< Previous [F8] Menu Customer System/Sealing Preseal Seal Postseal Certificate Next [F9] >

5°F Mostly sunny Search 11:32 AM 1/30/2026

# ADD SYSTEM AND SEAL EVENT DATA



SmartSeal(4.4.6.14) CaselD 6501 Commercial - [Existing Project]

File View Just the Facts Maintenance Help

### Building B Corporate Office

**System**

Roof Top Unit

Add System

\*Description of System: Roof Top Unit      \*Technician name: Rafael Perez

Main equipment model: Trane      \*Operating Pressure: 875      \*Units: Pa

\*A/C tonnage: 40      Type of HVAC unit: Air Handler

\*Fan capacity (CFM): 16000

Edit System Save System Cancel System Changes Help

**Sealing Event**

Add Sealing Event

\*Description of sealing event: Mechanical Room 2

\*Supply/Return: Supply      16000      Edit CFM

\*Maximum duct pressure: 1000 Pa (Concrete/Masonry, Metal with flanged and gasketed connections)

Status: Ready for Preseal Test

Supply air system: Constant volume supply

\*Operating Pressure: 875 Pa

Edit Event Save Event Cancel Sealing Changes Help

EN12237

Duct Class: Med Pressure

\*Surface Area (ft²): 20000

\*Air Tightness Class: ATC1

Allowable Leakage (CFM): 106.2

Note: Allowable leakage will calculate on save

Connected to Fanbox via Wi-Fi

< Previous [F8]      Menu Customer System/Sealing Preseal Seal Postseal Certificate      Next [F9] >

5°F Mostly sunny      Search      11:39 AM 1/30/2026

# SEAL EVENT- SET MAXIMUM DUCT PRESSURE



SmartSeal(4.4.6.14) CaselD 6501 Commercial - [Existing Project]

File View Just the Facts Maintenance Help

### Building B Corporate Office

Test2

System

- Roof Top Unit

Sealing Event

\*Description of sealing event

\*Supply/Return

**\*Maximum duct pressure**

Status Ready for Preseal Test

Supply air system Constant volume supply

\*Operating Pressure 875 Pa

100 Pa  
150 Pa  
200 Pa  
250 Pa  
300 Pa  
350 Pa  
400 Pa (Building Cavity, Drywall, DuctBoard)  
450 Pa  
500 Pa  
550 Pa  
600 Pa (Metal Flexduct, Wood, Flex)  
650 Pa  
700 Pa  
750 Pa (Metal, Metal joined with slip and drive connections)  
800 Pa  
850 Pa  
900 Pa  
950 Pa  
1000 Pa (Concrete/Masonry, Metal with flanged and gasketed connections)

Rafael Perez

875 \*Units Pa

Air Handler

EN12237

Duct Class Med Pressure

\*Surface Area (ft<sup>2</sup>) 20000

\*Air Tightness Class ATC1

Allowable Leakage (CFM) 106.2

Note: Allowable leakage will calculate on save

Edit Event Save Event Cancel Sealing Changes Help

Connected to Fanbox via Wi-Fi

< Previous [F8] Menu Customer System/Sealing Preseal Seal Postseal Certificate Next [F9] >

5°F Mostly sunny 11:39 AM 1/30/2026

# SELECT SEAL EVENT TO EXECUTE



SmartSeal(4.4.6.14) CaseID 6501 Commercial - [Existing Project]

File View Just the Facts Maintenance Help

### Building B Corporate Office

System

Roof Top Unit

Add System

\*Description of System Roof Top Unit \*Technician name Rafael Perez

Main equipment model Trane \*Operating Pressure 875 \*Units Pa

\*A/C tonnage 40 Type of HVAC unit Air Handler

\*Fan capacity (CFM)

Edit System

Sealing Event

Mechanical Room 2 Preseal

Add Seal

\*Description of sealing event Mechanical Room 2

\*Supply/Return Supply

\*Maximum duct pressure 1000 Pa

Status Ready to

Supply air system Constant volume supply

\*Operating Pressure 875 Pa

Edit Event Save Event Cancel Sealing Changes Help

EN12237

Duct Class Med Pressure

\*Surface Area (ft²) 20000

\*Air Tightness Class ATC1

Allowable Leakage (CFM) 106.2

Note: Allowable leakage will calculate on save

Verify selected sealing event

You have selected the following:

- Customer: Building B Corporate Office
- System: Roof Top Unit
- Sealing Event: Mechanical Room 2

Continue?

Yes No

Connected to Fanbox via Wi-Fi

< Previous [F8] Menu Customer System/Sealing Preseal Seal Postseal Certificate Next [F9] >

5°F Mostly sunny 11:41 AM 1/30/2026

# PRESEAL LEAK TEST – SELECT # OF FANS AND TARGET PRESSURE



SmartSeal(4.4.6.14) CaselD 6501 Commercial

File View Just the Facts Maintenance Help

## Preseal Leakage Test Building B Corporate Office

System Roof Top Unit

Sealing Event Mechanical Room 2

Please select an inlet gate setting, then press [F2] or click START to begin the preseal test.

Time: 0:00

### Test Results

Operating Pressure	Leakage (CFM)	Equivalent Hole Size (Square Inches)
Pre-Sealing		

Fanbox

Inlet Gate

Fan Boxes 1

Fanbox Pressure (Pa)

Duct Pressure (Pa)

Fan Flow (CFM)

Target Pressure

Enter a new target pressure between 5 and 750, and then press [Continue].

7

8

9

4

5

6

1

2

3

0

.

SEE: MULTI-FAN OPERATION IN APPENDIX SECTION OF THIS MANUAL

•Connected to Fanbox via Wi-Fi•

< Previous [F8]Menu Customer System/Sealing **Preseal** Seal Postseal CertificateNext [F9] >

5°F  
Mostly sunny

Search

11:41 AM  
1/30/2026

# TEST RESULTS



SmartSeal(4.4.6.14) CaseID 6501 Commercial

File View Just the Facts Maintenance Help

### Preseal Leakage Test

### Building B Corporate Office

System: Roof Top Unit  
Sealing Event: Mechanical Room 2

If you want to rerun the test, please select an inlet gate setting then press [F2] or click START to rerun the preseal test.  
Time: 0:00

Test Results		
Operating Pressure	Leakage (CFM)	Equivalent Hole Size (Square Inches)
Pre-Sealing	539.1	10.1

Print preseal leakage test results

Start [F2] Help

Fanbox

Inlet Gate

Fan Boxes 1

Fanbox Pressure (Pa) 0.0

Take manual control of the test

	Current	Target
Duct Pressure (Pa)	0.0	438
Fan Flow (CFM)	----	

Connected to Fanbox via Wi-Fi

< Previous [F8] Menu Customer System/Sealing **Preseal** Seal Postseal Certificate Next [F9] >

5°F Mostly sunny 11:56 AM 1/30/2026

# SEAL SCREEN



SmartSeal(4.4.6.14) CaseID 6501 Commercial - [Smart Seal]

File View Just the Facts Maintenance Help

Building B Corporate Office System Roof Top Unit Sealing Event Mechanical Room 2

### Sealing Process

- Duct Leakage (Square Inches)	73	Inlet Temp (°F)
The Duct Leakage (CFM @ 875Pa)	13	Inlet Humidity (%)
fan Duct Leakage (%Sys CFM)	84	Wand Temp (°F)
is Duct Flow (Fan CFM)	73	Cylinder Temp (°F)
off Duct Pressure (Pa)		
- Fanbox Pressure (Pa)		

#### Heaters

0.00 V
SPRAYER
HEATER 1
HEATER 2

Sealing Elapsed 0:00:00

#### Sealant/Water Pump

Fluid Left	--:--	Hr:Min
Fluid Level	<input type="text"/>	
Pump Setting	OFF	CC/M <input type="text"/>
Best Setting	-	V <input type="text"/>

Emergency Stop [Esc]

sealing  Help

Start [F2] Pause Stop [F3]

Fan

Inlet Gate  Number of Fans

Fan Speed  0%

Auto Control Slower Faster

2000l \*Surface Area (ft²)

1 ATC

106.2 Allowable Leakage (CFM)

Connected to Fanbox via Wi-Fi

< Previous [F8] Menu Customer System/Sealing Preseal Seal Postseal Certificate Next [F9] >

0:00:00  
The system is idle.  
You must select the inlet gate value that matches the gate setting on the fan box in order to continue.

A TEST WILL BE PERFORMED TO CHECK FOR POSSIBLE SPRAYER OVERHEATING  
(SPRAYER HEATER WILL TURN ON AND OFF DURING TEST)

# SELECT SEALANT LEVEL TO START



SmartSeal(4.4.6.14) CaselD 6501 Commercial - [Smart Seal]

File View Just the Facts Maintenance Help

Building B Corporate Office System Roof Top Unit Sealing Event Mechanical Room 2

### Sealing Process

0:00:00  
The system is idle.  
Click [Start] or press [F2] to start sealing.  
Click [Next] or press [F9] to go to the postseal test screen.

A TEST WILL BE PERFORMED TO CHECK FOR POSSIBLE OVERHEATING (HEATER WILL TURN ON AND OFF DURING TEST)

Sealing Elapsed 0:00:00

Sealant/Water Pump  
Fluid Left [ ] Hr:Min [ ]  
Fluid Level [ ]

Pump Setting OFF CC/M [ ]  
Best Setting [ ] V [ ]

Emergency Stop [Esc]

2000l \*Surface Area (ft²)  
1 ATC  
106.2 Allowable Leakage (CFM)

Connected to Fanbox via Wi-Fi

< Previous [F8] Menu Customer System/Sealing Preseal **Seal** Postseal Certificate Next [F9] >

4 5°F Mostly sunny 12:00 PM 1/30/2026

Liquid Level

- 100% - full Select the amount of SEALANT in the container then press [Continue].
- 75% The system estimates 0% of SEALANT in the container.
- 50%
- 25%
- unchanged You must fill the container and indicate how full it is to continue.

Continue

# AS SEALING PROGRESSES, WATCH FOR ALARMS



SmartSeal(4.4.6.14) CaseID 6501 Commercial - [Smart Seal]

File View Just the Facts Maintenance Help

Building B Corporate Office System Roof Top Unit Sealing Event Mechanical Room 2

### Sealing Process

0:02:33  
The system is idle.  
Click [Start] or press [F2] to start sealing.  
Click [Next] or press [F9] to go to the postseal test screen.

SPRAYER PASSED OVERHEATING TEST

3.2 Duct Leakage (Square Inches)	78
168 Duct Leakage (CFM @ 875Pa)	18
1.1 Duct Leakage (%Sys CFM)	136
123 Duct Flow (Fan CFM)	95
536.2 Duct Pressure (Pa)	
-10.1 Fanbox Pressure (Pa)	

**Warning!**

Watch for backflow of sealant into the fan.  
Flow readings may be inaccurate during low-sealing protocol.  
Click [OK] to continue sealing.

OK

Sealing Elapsed 0:02:33

Sealant/Water Pump  
Fluid Left 04:09 Hr:Min  
Fluid Level

Pump Setting OFF CC/M -  
Best Setting - V -

**Emergency Stop [Esc]**

sealing Help  
Start [F2] Pause Stop [F3]

Fan  
Inlet Gate 2 Number of Fans 1  
Fan Speed 100%  
Auto Control Slower Faster

2000l \*Surface Area (ft<sup>2</sup>)  
1 ATC  
106.2 Allowable Leakage (CFM)

•Connected to Fanbox via Wi-Fi•

< Previous [F8] Menu Customer System/Sealing Preseal Seal Postseal Certificate Next [F9] >

5°F Mostly sunny 12:05 PM 1/30/2026

# ATTENTION TO DIALOG BOX FOR STATUS UPDATES



SmartSeal(4.4.6.14) CaseID 6501 Commercial - [Smart Seal]

File View Just the Facts Maintenance Help

Building B Corporate Office System Roof Top Unit Sealing Event Mechanical Room 2

### Sealing Process

Sealing Time (min)	CFM Leakage (Red Line)	CFM Leakage (Green Line)
0	550	100
1	550	100
2	450	100
3	250	100
4	180	100
5	150	100
10	150	100
15	150	100
20	150	100
25	150	100
30	150	100

2.1 Duct Leakage (Square Inches)	76 Inlet Temp (°F)
114 Duct Leakage (CFM @ 875Pa)	13 Inlet Humidity (%)
0.7 Duct Leakage (%Sys CFM)	165 Wand Temp (°F)
88.1 Duct Flow (Fan CFM)	111 Cylinder Temp (°F)
587.2 Duct Pressure (Pa)	
-4.6 Fanbox Pressure (Pa)	

Heaters

- 1.96 V
- SPRAYER
- HEATER 1
- HEATER 2

Sealing Elapsed 0:04:53

Sealant/Water Pump

- Fluid Left 04:07 Hr:Min
- Fluid Level
- Pump Setting ON(00) CC/M 15.0
- Best Setting 1 V 4.74

Emergency Stop [Esc]

0:04:53  
The system is sealing.  
Next graph plot in: 07

SPRAYER PASSED OVERHEATING TEST

\*CYCLING PUMP TO AVOID RAINING SEALANT\*

sealing Help

Start [F2] Pause Stop [F3]

Fan

Inlet Gate 2 Number of Fans 1

Fan Speed 100%

Auto Control Slower Faster

2000l \*Surface Area (ft²)

1 ATC

106.2 Allowable Leakage (CFM)

Connected to Fanbox via Wi-Fi

< Previous [F8] Menu Customer System/Sealing Preseal Seal Postseal Certificate Next [F9] >

5°F Mostly sunny 12:08 PM 1/30/2026

# PRESSING STOP, WILL STOP SEALING PROCESS



SmartSeal(4.4.6.14) CaseID 6501 Commercial - [Smart Seal]

File View Just the Facts Maintenance Help

Building B Corporate Office System Roof Top Unit Sealing Event Mechanical Room 2

### Sealing Process

0:07:27  
The system is sealing.  
Next graph plot in: 33

SPRAYER PASSED OVERHEATING TEST

Sealing Elapsed 0:07:27

2.0 Duct Leakage (Square Inches)	79.1 Inlet Air Flow (CFM)
109 Duct Leakage (CFM @ 875Pa)	14.1 Inlet Air Flow (CFM)
0.7 Duct Leakage (%Sys CFM)	174.1 Water Flow (GPM)
79.1 Duct Flow (Fan CFM)	126.1 Compressor Current (Amps)
535.5 Duct Pressure (Pa)	
-38.2 Fanbox Pressure (Pa)	

Leaving Sealing

Do you mean to leave the sealing sequence? This will take you to the flushing sequence.

Press [Yes] to leave, [No] to continue.

Yes No Help

Sealant/Water Pump

Fluid Left	04:04 Hr:Min
Fluid Level	
Pump Setting	ON CC/M
Best Setting	1 V

Emergency Stop [Esc]

sealing [Help]

Start [F2] Pause Stop [F3]

Fan

Inlet Gate 3 Number of Fans 1

Fan Speed 100%

Auto Control Slower Faster

2000l \*Surface Area (ft²)

1 ATC

106.2 Allowable Leakage (CFM)

Connected to Fanbox via Wi-Fi

< Previous [F8] Menu Customer System/Sealing Preseal Seal Postseal Certificate Next [F9] >

5°F Mostly sunny 12:10 PM 1/30/2026

SEE: LOW-SEAL PROTOCOL IN THE APPENDIX SECTION OF THIS MANUAL

# FLUSH SEQUENCE – REPLACE SEALANT FOR WATER JUG



SmartSeal(4.4.6.14) CaseID 6501 Commercial - [Smart Seal]

File View Just the Facts Maintenance Help

Building B Corporate Office System Roof Top Unit Sealing Event Mechanical Room 2

### Sealing Process

0:07:40  
The system is idle.  
Click [Start] or press [F2] to start flushing.  
Click [Next] or press [F9] to go to the postseal test screen.

SPRAYER PASSED OVERHEATING TEST

Sealing Elapsed 0:07:40

Sealant/Water Pump  
Fluid Left 04:04 Hr:Min  
Fluid Level

Pump Setting OFF CC/M -  
Best Setting - V -

Emergency Stop [Esc]

2.1 Duct Leakage (Square Inches) 80  
112 Duct Leakage (CFM @ 875Pa) 13  
0.7 Duct Leakage (%Sys CFM) 62  
81.1 Duct Flow (Fan CFM) 26  
531.5 Duct Pressure (Pa)  
-41.0 Fanbox Pressure (Pa)

Flush  
Remove the container of sealant and replace it with water, select the number of minutes you want to flush the system, and then press [Continue].

3  
2  
3  
4  
5  
6  
7

Fan  
Inlet Gate 3 Number of Fans 1  
Fan Speed 100%  
Auto Control Slower Faster

1 ATC  
106.2 Allowable Leakage (CFM)

flushing Help  
Start [F2] Pause Stop [F3]

Connected to Fanbox via Wi-Fi

< Previous [F8] Menu Customer System/Sealing Preseal Seal Postseal Certificate Next [F9] >

5°F Mostly sunny 12:11 PM 1/30/2026

# COOLDOWN SEQUENCE



SmartSeal(4.4.6.14) CaseID 6501 Commercial - [Smart Seal]

File View Just the Facts Maintenance Help

Building B Corporate Office System Roof Top Unit Sealing Event Mechanical Room 2

### Sealing Process

Sealing Time (Minutes)	CFM Leakage at 875Pa
0	550
1	550
2	500
3	400
4	180
5	150
6	100
7	120
8	150
9	180
10	150
15	100
20	150
25	100
30	150

9.3 Duct Leakage (Square Inches)	81 Inlet Temp (°F)
496 Duct Leakage (CFM @ 875Pa)	12 Inlet Humidity (%)
3.1 Duct Leakage (%Sys CFM)	176 Wand Temp (°F)
86.1 Duct Flow (Fan CFM)	114 Cylinder Temp (°F)
59.2 Duct Pressure (Pa)	
-44.2 Fanbox Pressure (Pa)	

Heaters

1.15 V
SPRAYER
HEATER 1
HEATER 2

Sealing Elapsed 0:09:41

Sealant/Water Pump

Fluid Left	04:04	Hr:Min
Fluid Level	<div style="width: 100%; height: 10px; background-color: green;"></div>	
Pump Setting	OFF	CC/M
Best Setting	-	V

Emergency Stop [Esc]

Fan

Inlet Gate 3 Number of Fans 1

Fan Speed 100%

Auto Control Slower Faster

2000l \*Surface Area (ft²)

1 ATC

106.2 Allowable Leakage (CFM)

cooling down Help

Start [F2] Pause Stop [F3]

•Connected to Fanbox via Wi-Fi•

< Previous [F8] Menu Customer System/Sealing Preseal Seal Postseal Certificate Next [F9] >

5°F Mostly sunny 12:13 PM 1/30/2026

# POST-SEAL LEAKAGE TEST



SmartSeal(4.4.6.14) CaseID 6501 Commercial

File View Just the Facts Maintenance Help

## Postseal Leakage Test

### Building B Corporate Office

System: Roof Top Unit  
Sealing Event: Mechanical Room 2

Use the slider to adjust the duct pressure or click [Target] and enter a different target pressure.

Target Pressure

Enter a new target pressure between 5 and 2000, and then press [Continue].

Operating Pressure	Leakage (CFM)	Equivalent Hole (Square Inches)
Pre-Sealing	539.1	10.1

100.0%

Duct Pressure (Pa) Current: 447 Target: 362  
Fan Flow (CFM) 64

Stop [F3] Help

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4 5°F Mostly sunny 12:20 PM 1/30/2026

# TEST RESULTS



SmartSeal(4.4.6.14) CaseID 6501 Commercial

File View Just the Facts Maintenance Help

### Postseal Leakage Test

### Building B Corporate Office

System: Roof Top Unit  
Sealing Event: Mechanical Room 2  
Time: 6:38

Operating Pressure	Leakage (CFM)	Equivalent Hole Size (Square Inches)
Pre-Sealing	539.1	10.1
Post-Sealing	100.4	1.9
Improvement	438.7	8.2

Fanbox Inlet Gate: 4  
Fan Boxes: 1 (locked)  
Fanbox Pressure (Pa): -20  
(Fanbox pressure must be below -0.5 Pa to calculate leakage.)  
Take manual control of the test

	Current	Target
Duct Pressure (Pa)	54	447
Fan Flow (CFM)	21	

Start [F2] Help

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•Connected to Fanbox via Wi-Fi•

# PROCEED TO SEAL CERTIFICATE RENDERING SCREEN



SmartSeal(4.4.6.14) CaseID 6501 Commercial - [Sealing Is Complete]

File View Just the Facts Maintenance Help

### Building B Corporate Office

Certificate

Run additional seals for current customer


New/Existing customer

Help

options

#### Certificate Options

Format



Print certificate in: English

Include pre-seal test results

Ink saver

Certificate Cancel

Connected to Fanbox via Wi-Fi

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# VIEW/PRINT SCREEN – PRINT TO PDF AND SAVE CERTIFICATE



Certificate of Completion (Press F12 to print)

Printing

Save Print Output As

Documents

Search Documents

Organize New folder

Home Gallery OneDrive Desktop Downloads

Name	Date modified	Type
Final Test 6501-IHSC-1393	11/25/2024 1:02 PM	Microsoft Edge

File name:

Save as type: PDF Document (\*.pdf)

Save Cancel

## DUCT SEALING REPORT

Print/Save Certificate

Close

Help

### Overall Sealing Results:

BEFORE SERVICE	AFTER SERVICE
539.1 CFM of Leakage, equivalent to 10.4 Square Inch Holes	Less than 100.4 CFM of Leakage, equivalent to a

### Aeroseal Sealing Progress: