

*American Society of Sanitary Engineering*  
PRODUCT (SEAL) LISTING PROGRAM  
Factory Audit Inspection Test Report Form



**ASSE STANDARD #1051 - REVISED: 2009**  
**Individual and Branch Type Air Admittance Valves**  
**for Sanitary Drainage Systems**

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LABORATORY FILE NUMBER: \_\_\_\_\_

LISTEE: \_\_\_\_\_

SEAL #: \_\_\_\_\_

MODEL # TESTED: \_\_\_\_\_

MODEL SIZE: \_\_\_\_\_

ADDITIONAL MODEL INFORMATION (i.e. orientation, series, end connections, shut-off valves): \_\_\_\_\_

NUMBER OF SAMPLES SUBMITTED: \_\_\_\_\_ NUMBER OF SAMPLES TESTED: \_\_\_\_\_

DATE TESTING BEGAN: \_\_\_\_\_

DATE TESTING COMPLETED: \_\_\_\_\_

**General information and instructions for the testing engineer:**

***The results within this report apply only to the models listed above.***

There may be items for which the judgment of the test engineer will be involved. Should there be a question of compliance with that provision of the standard, a conference with the manufacturer should be arranged to enable a satisfactory solution of the question.

Should disagreement persist and compliance remain in question by the test agency, the agency shall, if the product is in compliance with all other requirements of the standard, file a complete report on the questionable items together with the test report, for evaluation by the ASSE Seal Board. The Seal Board will then review and rule on the question of compliance with the intent of the standard then involved.

Documentation of material compliance must be furnished by the manufacturer. The manufacturer shall furnish to the testing agency, a bill of material which clearly identifies the material of each part included in the product construction. This identification must include any standards which relate thereto.



**FIRST SAMPLE TEST RESULTS**

**SECTION III**

**3.0 Performance Requirements and Compliance Testing**

**3.1 Pressure Test of Complete Device**

What was the length of the pipe on which the device was installed? \_\_\_\_\_ ft ( \_\_\_\_\_ m)

What was the initial pressure applied to the device? \_\_\_\_\_ inches of WC ( \_\_\_\_\_ mm of WC)

What was the intermediate pressure applied to the device? \_\_\_\_\_ inches of WC ( \_\_\_\_\_ mm of WC)

What was the final pressure applied to the device? \_\_\_\_\_ inches of WC ( \_\_\_\_\_ mm of WC)

How long was each pressure stage held? \_\_\_\_\_ minutes

What was the pressure loss during the first two (2) intervals of pressure?  
\_\_\_\_\_ inches of WC ( \_\_\_\_\_ mm of WC)

What was the pressure loss during the final pressure stage? \_\_\_\_\_ inches of WC ( \_\_\_\_\_ mm of WC)

When the device is installed at 15° orientation from vertical, what was the pressure loss of each of the three (3) stages of pressure?

1st Stage: \_\_\_\_\_ inches of WC ( \_\_\_\_\_ mm of WC)

2nd Stage: \_\_\_\_\_ inches of WC ( \_\_\_\_\_ mm of WC)

3rd Stage: \_\_\_\_\_ inches of WC ( \_\_\_\_\_ mm of WC)

**3.2 Rating and Opening Pressure Test**

During the pre-conditioning period, what pressure was applied to the device on test?

\_\_\_\_\_ inches of WC ( \_\_\_\_\_ mm of WC)

How long was this pressure maintained? \_\_\_\_\_ hours

At what pressure (vacuum) did the device on test open? \_\_\_\_\_ inches of WC ( \_\_\_\_\_ mm of WC)

What was the air flow rate when the pressure (vacuum) reached -1.0 inch ± 0.05 inch (-25.4 mm ± 1.267 mm) WC? \_\_\_\_\_ CFM ( \_\_\_\_\_ L/s)

What was the temperature of the test set-up during the testing? \_\_\_\_\_ °F ( \_\_\_\_\_ °C)

What is the determined drainage pipe size for this device? \_\_\_\_\_ inches ( \_\_\_\_\_ mm)

Did the first sample pass all the required testing?  Yes  No  
If no, test the second sample and record the results below.

**SECOND SAMPLE TEST RESULTS\***

\*A second sample shall only be tested if the first sample failed the necessary test sections.

**SECTION III**

**3.0 Performance Requirements and Compliance Testing**

**3.1 Pressure Test of Complete Device**

What was the length of the pipe on which the device was installed? \_\_\_\_\_ ft ( \_\_\_\_\_ m)

What was the initial pressure applied to the device? \_\_\_\_\_ inches of WC ( \_\_\_\_\_ mm of WC)

What was the intermediate pressure applied to the device? \_\_\_\_\_ inches of WC ( \_\_\_\_\_ mm of WC)

What was the final pressure applied to the device? \_\_\_\_\_ inches of WC ( \_\_\_\_\_ mm of WC)

How long was each pressure stage held? \_\_\_\_\_ minutes

What was the pressure loss during the first two (2) intervals of pressure?  
\_\_\_\_\_ inches of WC ( \_\_\_\_\_ mm of WC)

What was the pressure loss during the final pressure stage? \_\_\_\_\_ inches of WC ( \_\_\_\_\_ mm of WC)



When the device is installed at 15° orientation from vertical, what was the pressure loss of each of the three (3) stages of pressure?

1st Stage: \_\_\_\_\_ inches of WC ( \_\_\_\_\_ mm of WC)  
 2nd Stage: \_\_\_\_\_ inches of WC ( \_\_\_\_\_ mm of WC)  
 3rd Stage: \_\_\_\_\_ inches of WC ( \_\_\_\_\_ mm of WC)

**3.2 Rating and Opening Pressure Test**

During the pre-conditioning period, what pressure was applied to the device on test?

\_\_\_\_\_ inches of WC ( \_\_\_\_\_ mm of WC)

How long was this pressure maintained? \_\_\_\_\_ hours

At what pressure (vacuum) did the device on test open? \_\_\_\_\_ inches of WC ( \_\_\_\_\_ mm of WC)

What was the air flow rate when the pressure (vacuum) reached -1.0 inch ± 0.05 inch (-25.4 mm ± 1.267 mm) WC? \_\_\_\_\_ CFM ( \_\_\_\_\_ L/s)

What was the temperature of the test set-up during the testing? \_\_\_\_\_ °F ( \_\_\_\_\_ °C)

What is the determined drainage pipe size for this device? \_\_\_\_\_ inches ( \_\_\_\_\_ mm)

Did the second sample pass all the required testing?

Yes  No

If yes, please provide an explanation of failure for the first sample below.

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TESTING AGENCY: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

PHONE: \_\_\_\_\_ FAX: \_\_\_\_\_

TEST ENGINEERS: \_\_\_\_\_

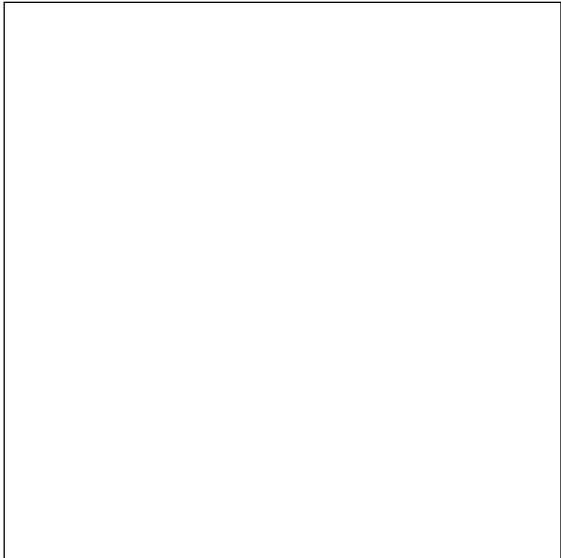
*We Certify that the evaluations are based on our best judgements and that the test data recorded is an accurate record of the performance of the device on test.*

SIGNATURE OF THE OFFICIAL OF THE AGENCY: \_\_\_\_\_

TITLE OF THE OFFICIAL: \_\_\_\_\_ DATE: \_\_\_\_\_

**SIGNATURE AND SEAL OF THE REGISTERED PROFESSIONAL ENGINEER SUPERVISING THE LABORATORY EVALUATION:**

SIGNATURE: \_\_\_\_\_



**PE SEAL**

\*To insert images into document (PE seal and signatures)

**Adobe Acrobat Pro users:** At the top of the page, go to: Tools > Advanced Editing > TouchUp Object Tool. Once you have selected TouchUp Object Tool, right click within the document and select Place Image. Choose the image you want to place (PE seal or signature) and then select Open. Once the image is in the document, move and re-size the image accordingly. Save and send to ASSE.

**Adobe Reader users:** Adobe Reader does not allow users to place images into the document. You must print this completed document and then sign and stamp the PE seal by hand. You may then send the completed document to ASSE via fax or mail, or you can scan the completed document and send via e-mail.

**COMMENTS:**