American Society of Sanitary Engineering

PRODUCT (SEAL) LISTING PROGRAM

ASSE STANDARD #1030 - REVISED: 2009
Positive Pressure Reduction Devices for Sanitary Drainage Systems

MANUFACTURER: _____

CONTACT PERSON: _____ **E-MAIL:** _____

ADDRESS: _____

LABORATORY FILE NUMBER: _____

MODEL # TESTED: _____

MODEL SIZE: _____

ADDITIONAL MODELS REPORT APPLIES TO: _____

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

_____

DATE MODELS RECEIVED BY LABORATORY: _____

DATE TESTING BEGAN: _____

DATE TESTING WAS COMPLETED: _____

IF MODELS WERE DAMAGED DURING SHIPMENT, DESCRIBE DAMAGES: _____

PROTOTYPE OR PRODUCTION: _____

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.

SECTION 1

1.0 General

1.1 Application

Does the device as stated by the manufacturer comply with the application section of this standard? ○ Yes ○ No ○ Questionable

If questionable, explain: _____

1.2 Scope

Does the device as described the manufacturer comply with the description section of this standard? ○ Yes ○ No

1.3 Requirements

1.3.1 What is the temperature range as noted by the manufacturer:

_____ °F to _____ °F (_____ °C to _____ °C)

1.3.5 Specify the type of connection for the device on test and the standard to which it conforms:

_____

SECTION II

2.0 Test Specimens

2.1 How many devices of each type, model and size were submitted by the manufacturer to the testing laboratory for evaluation to this standard? _____

2.2 How many devices of each type, model and size were used for testing? _____

2.3 Were drawings and installation instructions provided to the laboratory? ○ Yes ○ No

If yes, were these drawings and installation instructions reviewed by the laboratory in determining compliance with this standard? ○ Yes ○ No

SECTION III

3.0 Performance Requirements and Compliance Testing

3.1 Air Tightness Test

What was the temperature in the laboratory when this test was performed?

_____ °F (_____ °C)

The pressure on the device on test was increased from _____ psi (_____ kPa to _____ psi (_____ kPa) over a period of ____ seconds.

After a five (5) minute wait, what was the internal pressure of the device?

_____ psi (_____ kPa)

Was the device in compliance with this section ○ Yes ○ No

3.2 Rating Test

What was the capacity of the bladder when filled with water?

_____ quarts (_____ liters)

3.3 Endurance Test

The device was conditioned at _____ °F (_____ °C) for a period of _____ hours. At a pressure of _____ psi (_____ kPa) the device was subjected to ____ cycles at a rate of _____ cycle per minute.

At the completion of the high temperature cycle testing, retest the device to Section 3.1:

Retest Section 3.1

What was the temperature in the laboratory when this test was performed?

_____ °F (_____ °C)

The pressure on the device on test was increased from_____ psi (_____kPa) to _____ psi (_____ kPa) over a period of_____ seconds.

After a five (5) minute wait, what was the internal pressure of the device?

_____ psi (_____kPa)

Was the device in compliance with this section ○ Yes ○ No

3.3 Endurance Test - continued

Following the retesting to Section 3.1, the device was conditioned at _____ °F(_____ °C) for a period of _____hours.

At a pressure of _____ psi (_____ kPa) the device was subjected to ____ cycles at a rate of_____ cycle per minute.

At the completion of the low temperature cycle testing, retest the device to section 3.1:

Retest Section 3.1

What was the temperature in the laboratory when this test was performed?

_____ °F (_____ °C)

The pressure on the device on test was increased from_____ psi (_____kPa) to _____ psi (_____ kPa) over a period of_____ seconds.

After a five (5) minute wait, what was the internal pressure of the device?

_____ psi (_____kPa)

Was the device in compliance with this section ○ Yes ○ No

3.3 Endurance Test - continued

Was the device in compliance with Section 3.1 following both the high temperature and low temperature endurance testing? ○ Yes ○ No

3.4 Device Characteristic Performance Test

What was the working volume as established in Section 2? _____quarts (_____ liters)

What was the positive pressure wave per Figure 4 for the rated working volume?_____

_____

What were the opening times and filling times were as noted from the data acquisition system (Section A.1.6) for the three (3) test runs?

Test Run #	Opening Time	Filling Time
1	_____	_____
2	_____	_____
3	_____	_____

In compliance? ○ Yes ○ No

SECTION IV

4.0 Detailed Results

4.1 Materials

Did the ABS materials, PVC materials or other materials in the construction of this device conform to the material requirements of Section 4.1? ○ Yes ○ No

4.2 Documentation

Were instructions for installation, maintenance and testing packaged with the device? ○ Yes ○ No

4.3 Markings

List the markings found on the device:_____

How were these markings applied: _____

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: