

<b>Test Code Sheet Number</b>	<b>5</b>	<b>0</b>	<b>2</b>	<b>1</b>	<b>3</b>
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## TEST CODE SHEET

**1. TYPE OF TEST(S)**

Measurement of dimension.

**2. WATER REGULATIONS REQUIREMENTS FOR FITTINGS**

15-(1) .... every water system shall contain an adequate device or devices for preventing backflow of fluid from any appliance, fitting or process from occurring.

**3. BRITISH STANDARDS OR WATER SPECIFICATION, DEEMED TO SATISFY WATER REGULATION REQUIREMENTS**

3.1 Fittings with 'kitemarks' which are deemed to satisfy the requirements of regulations are listed in the directory.

**4. TEST PROCEDURE**

Note Unless stated otherwise the temperature of the test fluid shall be  $20 \pm 10^\circ\text{C}$ .

4.1 Tests applicable to the following fittings:-

**ANTI VACUUM VALVE, DA**  
DN8 to DN50

**PIPE INTERRUPTER WITH ATMOSPHERIC VENT & MOVING ELEMENT, DB**  
DN10 to DN20

**PIPE INTERRUPTER WITH PERMANENT ATMOSPHERIC VENT, DC**  
DN10 to DN20  
Devices for the prevention of contamination by backflow.

(A) **ANTI VACUUM VALVE, DA** (Derived from prTC 164 W1 111 : 1998, Clause 8.3)  
DN8 to DN50

**TEST METHOD****APPARATUS**

Vernier calipers.

**PROCEDURE** The procedure shall be as follows:

- (1) Visually examine the air inlet(s) on the aperture shroud to ensure they fully cover any apertures.
- (2) Measure the clearance between the inner face of the shroud and the outer plane of the air inlet aperture.

**5. ACCEPTANCE CRITERIA**

The air inlets shall be shrouded and designed to ensure that they cannot easily be blocked by deposits. This is verified by all external air inlet ports having a clearance dimension  $> 4\text{mm}$ .

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(B) **PIPE INTERRUPTER WITH ATMOSPHERIC VENT & MOVING ELEMENT, DB**

(Derived from prTC 164 W1 112 : 1998, Clause 8.3)  
DN10 to DN20

**TEST METHOD**

**APPARATUS**

Vernier calipers.

**PROCEDURE** The procedure shall be as follows:

- (1) Visually examine the air inlet(s) aperture shroud and measure all air inlets. If annular slits are provided to allow ingress of air then measure open horizontal length of annular slits and the width of the spar forming the outer cage.
- (2) Measure the distance between the bottom of the air inlets and the lowest point of the water inlet within the 'top hat'.

5. **ACCEPTANCE CRITERIA**

The air inlets shall be shrouded and designed to ensure that they cannot easily be blocked by deposits. This is verified by all external air inlet ports having a clearance dimension > 4mm, with the exception of the annular slits, which must have a width > 2mm and the width of the spar forming the outer cage must have a width > 1.5mm.

The distance between the bottom of the air inlets and the lowest point of the water inlet within the 'top hat' must be > 20mm.

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(C) **PIPE INTERRUPTER WITH PERMANENT ATMOSPHERIC VENT, DC**

(Derived from prTC 164 W1 114 : 1998 Clause 8.3)  
DN10 to DN20

**TEST METHOD**

**APPARATUS**

Vernier calipers.

**PROCEDURE** The procedure shall be as follows:

- (1) Visually examine the air inlet(s) on the aperture shroud to ensure they fully cover any apertures.
- (2) Measure the clearance between the inner face of the shroud and the outer plane of the air inlet aperture.
- (3) Measure the distance between the lowest upstream discharge point and the lowest point of the air inlet aperture.

5. **ACCEPTANCE CRITERIA**

The air inlets shall be shrouded and designed to ensure that they cannot easily be blocked by deposits. This is verified by all external air inlet ports having a clearance dimension > 4mm.

The distance between the lowest upstream discharge point and the lowest point of the air inlet aperture must be > 20mm..