

BA Device (RPZ Valve) No. 2 Check Valve Test – EB Type

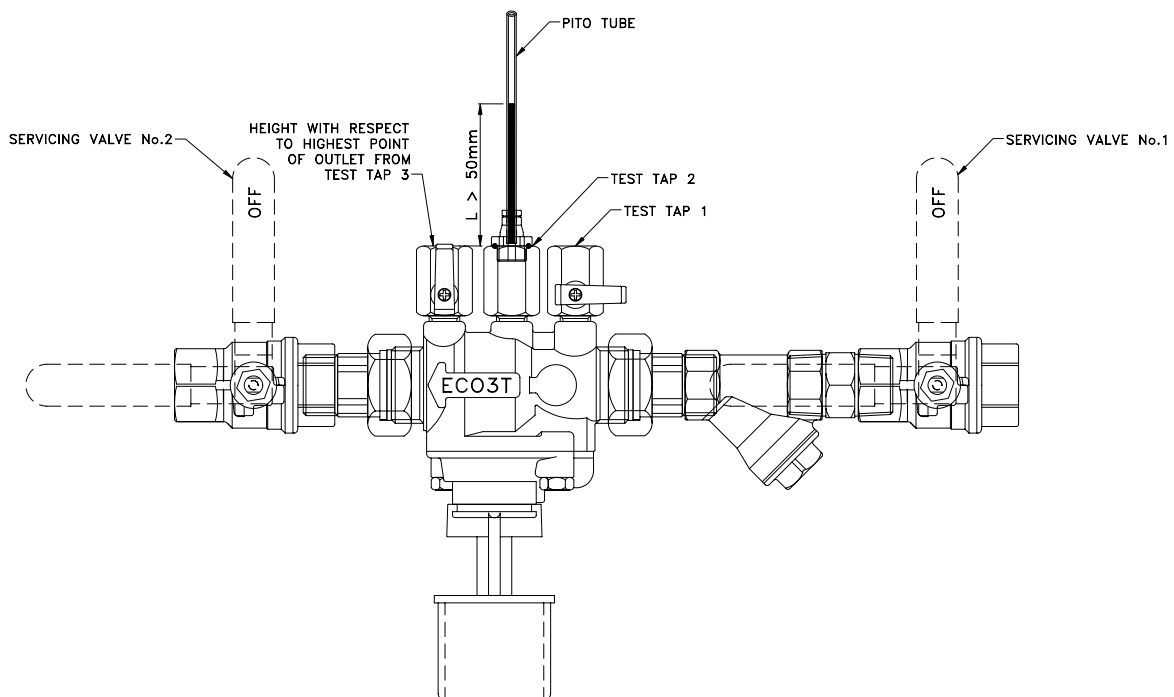
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Foreword

The UK Regulator's specification Test Code Sheet 1.1.1.1.13 permits the use of an approved EB device for No.2 check valve. The "pressure differential at which point the valve closes" must be greater than 50 mm water column. In practice, this is likely to be less than that required to register on a typical mechanical pressure used for BA testing. The method below uses a simple Pito Tube.

To determine the static pressure drop across No.2 check valve (Test 4)

1. No.2 Servicing Valve should already be closed from previous test.
2. Shut Servicing Valve No.1.
3. Connect the Pito Tube to Test Tap 2.
4. Open Test Tap 3.
5. Open Test Tap 2.
6. Slowly, partially open Servicing Valve No.1 until water starts to flow out of Test Tap 3.
7. Close Servicing Valve No.1.
8. The water level in the Pito Tube should reach a static height. If the level remains constant, the check valve can be recorded as "Tight".
9. Measure the difference in height from the top of the highest discharge point from Test Tap 3 (e.g. from the top of any test adapter) and the level in the Pito Tube.



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Brandoni ECO3T – features low head loss EB type cartridge for No. 2 check valve.