



**Please note:**

All installation and testing procedures listed are intended as a guide only. Installation and testing should be in accordance with local standards and plumbing codes.

## Test No.1 - Tightness of #1 Check Valve

### Requirement:

The static pressure drop across check valve #1 shall be at least 7 KPa. If test cock #3 is not at the highest point of the check valve body, then a vertical tube must be installed on test cock #3 so that it rises to the top of the check valve body.

### Procedure:

1. Slowly open all 3 test cocks to remove any foreign material and attach fittings.
2. Attach hose from the high side of the test kit to the #1 test cock.
3. Open test cock #1 and bleed all air from the hose and gauge by opening the high side bleed needle valve. Close the high side bleed needle valve. Close #2 shut-off valve then close the #1 shut-off valve.
4. Hold the gauge at the same level as test cock #2. Slowly open test cock #2. Record the static pressure drop across check valve #1 after gauge reading stabilizes and water stops running out of test cock #2.
5. Close all test cocks, open shut-off valve #1 and remove test equipment.

## Test No.2 - Tightness of #2 Check Valve

### Requirement:

The static pressure drop across check valve #2 shall be at least 7 Kpa.

### Procedure:

1. Attach the hose from the high side of the test kit to the #2 test cock.
2. Open test cock #2 and bleed all air from the hose and gauge by opening the high-side bleed needle valve. Close the side bleed needle valve. Close #1 shut-off valve.
3. Hold the gauge at the same level as test cock #3. Slowly open test cock #3. Record the static pressure drop across check valve #2 after the gauge reading stabilizes and water stops running out of test cock #3.
4. Close all test cocks, slowly open shut-off valve #1 and #2 and remove test equipment.

## Wilkins Test Cocks

Product Code	Size	Description
18-860	3mm x 6mm (1/8" x 1/4")	Wilkins Test Cock BFP
14-860	6mm x 6mm (1/4" x 1/4")	Wilkins Test Cock BFP

## Deeco Backflow Test Kit

Product Code	Size	Description
BFTK	ALL	Wilkins backflow test kit with quick connect hoses in carry case