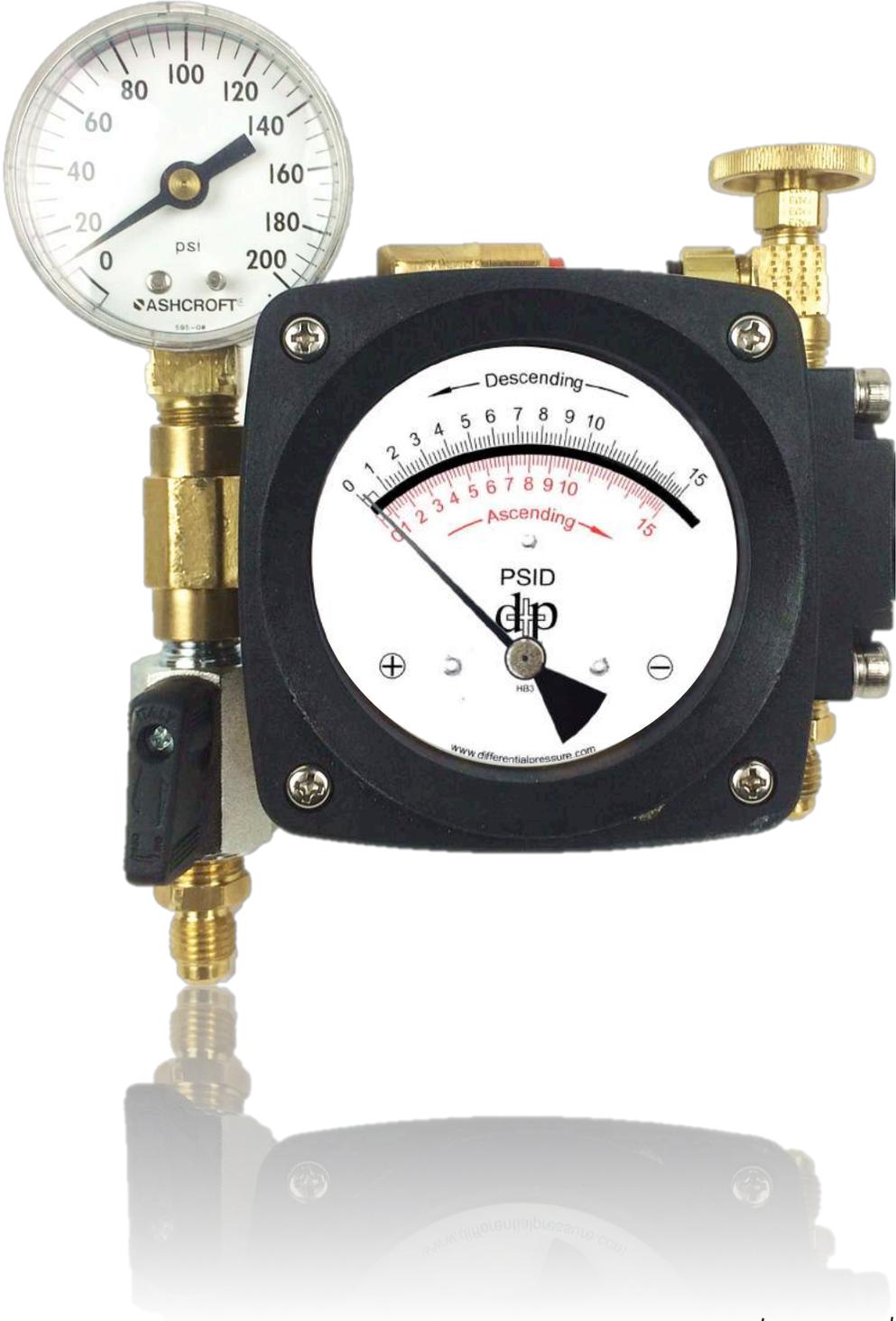




DPP Inc.

Compact Backflow Testing

Backflow Mini



- Image scaled to actual size



Small and Mighty

Our new test kits have been completely reengineered to be more compact, while offering unmatched durability, accuracy, and reliability.

Cost Savings

By improving the design, we have also reduced the labor involved with producing the kit and the number of parts. This lets us build them faster and provide tremendous cost savings. Users will also now have the option to **buy just the gauge**, saving \$100's.

A. Backflow Mini

The most compact backflow kit ever. It can accomplish all tests a 5 valve can, but with only two valves! Check the procedures if you don't believe us.

Includes Hoses, Carry Strap, and 1 Calibration

B. Backflow Pro

Updated version of our valve arrangement from our original patent 15 years ago, just 50% lighter.

Includes Hoses, Carry Strap, and 1 Calibration



A

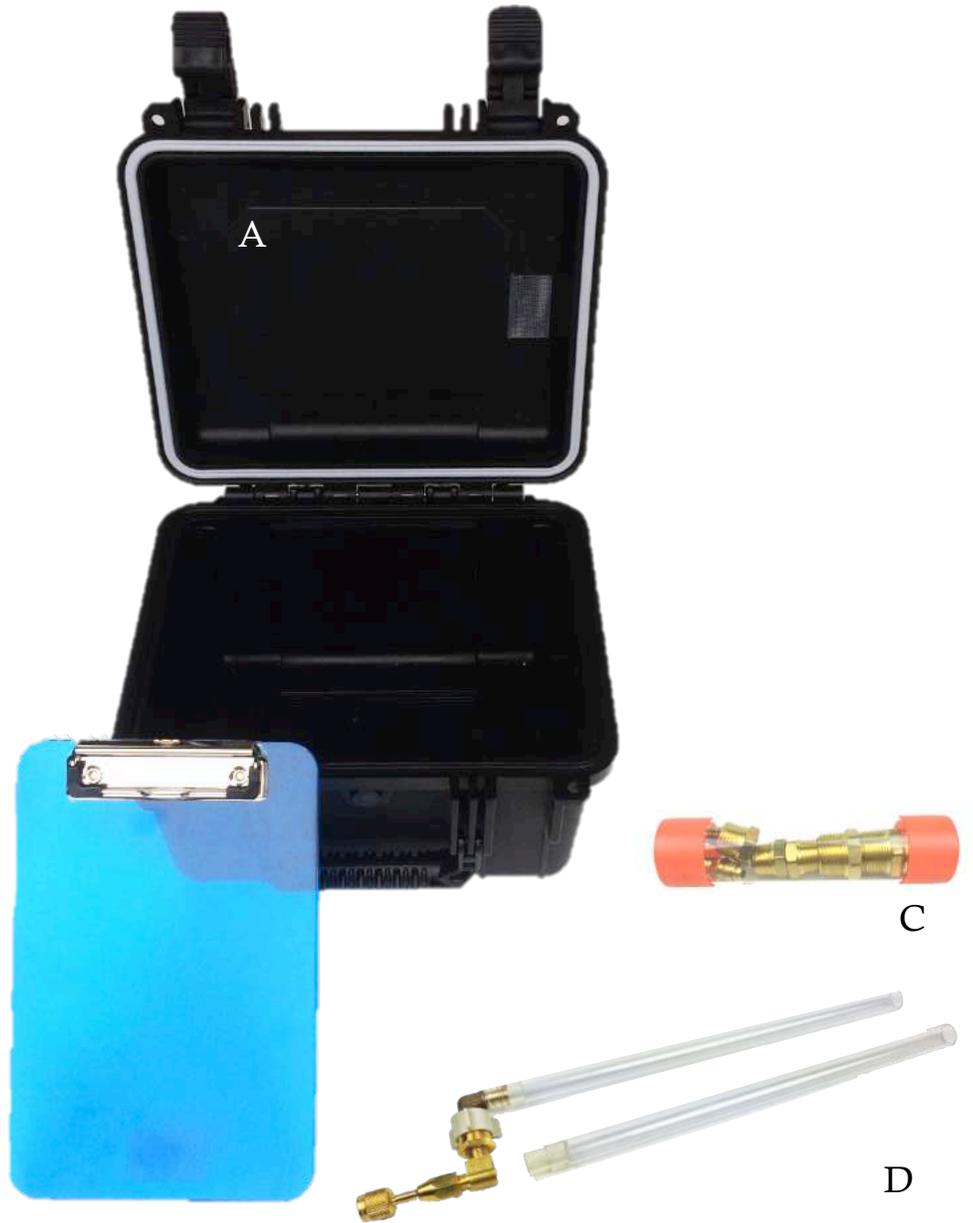


B

Accessories

Improve your current testing set up with these available options and accessories.

Gauges can also be purchased with accessory bundles to save cost



Every single gauge comes with three standard hoses for attaching to the backflow device and a carry strap. However, we also offer these options to improve your set up. These accessories can also be purchased in bundles to help reduce cost for individuals who are just starting and need all new equipment.

A. Case with Integrated Clipboard
Our famous watertight rugged case that features a clipboard that snaps to the inside of the lid so it never gets lost

B. Bleed Off Valve

Useful for diagnosing leaks under standard procedure.

C. Fitting Pack

Includes a variety of the most common fittings required for completing tests

D. Sight Tube

Adjustable tube used to test double check valves under standard procedure

What's Included

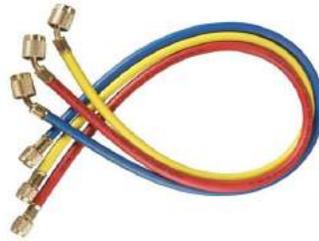
Gauge

Either the Backflow Pro or Backflow mini gauge



Hoses

A pack of three connecting hoses



Carry Strap

These straps attach with a carabineer and Velcro



Key Features

Certified

The kits are certified to meet all national standards for backflow testing. They can accomplish the same tests as the older 5 valve styles thanks to the new way we machine our gauges

Durability

We have updated the material compatibility of our gauges to feature Teflon coated wetted metal parts and Viton seals. These kits also implement a new dial case design that

Tripod Mount

Backflow testing requires multitasking. As a result, we have included two threading locations on the kits for a standard camera mount. This makes taking notes, attaching

Visual Indication

We utilize a clear tube to connect the high port to the low port. This helps you verify that all air has been bled from the system.

Calibration

Every kit comes with a coupon for a free calibration. We calibrate all units in house and send them back same day. We will even email you a month early to let you know your calibration is almost due

Buy Online

All of these gauges can be purchased and shipped same day from our site: dppbackflowtestkits.com



Kit Specifics

Backflow Mini

- Innovative two valve design
- Meets all U.S.A. state standards for testing backflow devices.
- Can complete same tests as a 5 valve
- Weighs 2 pounds

Backflow Pro

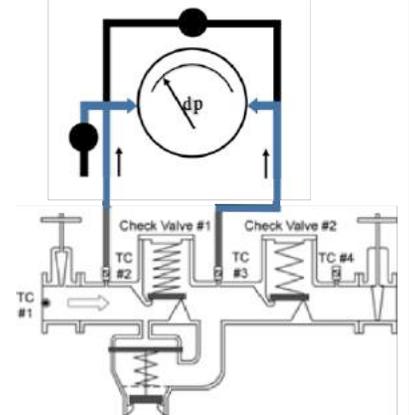
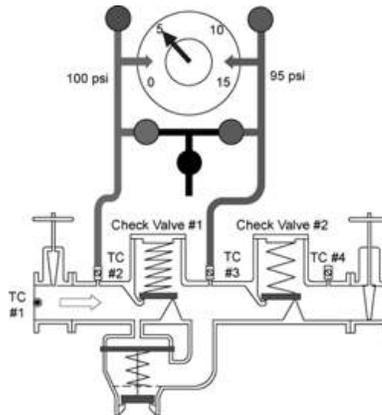
- Our classic three valve system remastered
- Meets all U.S.A. state standards for testing backflow devices.
- Can complete same tests as a 5 valve
- Weighs 3 pounds



RP Procedure Backflow Mini

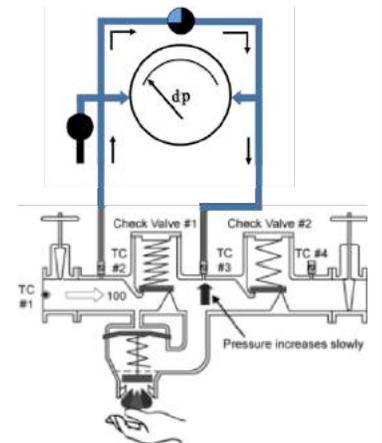
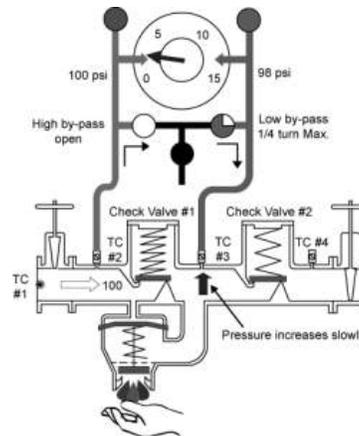
Test Check Valve #1 for Tightness

1. Attach low hose to test cock 3 and open
2. Open top valve to bleed, then close tight
3. Attach High hose to test cock 2 and open
4. Open Left valve to bleed, then close
5. OBSERVE CV 1 - (RECORD as CLOSED TIGHT or LEAKING) should be 2 psi or greater



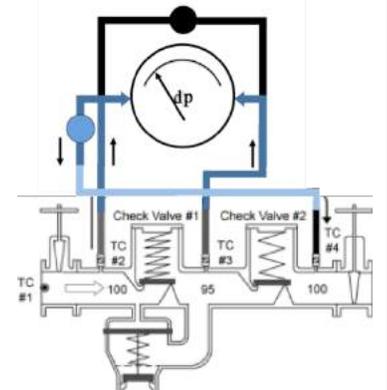
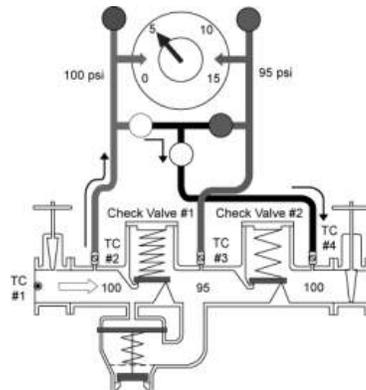
Record Relief Valve Opening Point

1. Place hand under vent
2. Slowly open top valve, introducing high pressure to central chamber
3. Record relief valve opening pressure when it starts to drip
4. Close top valve.



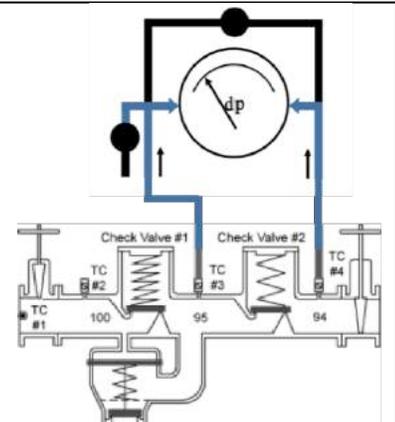
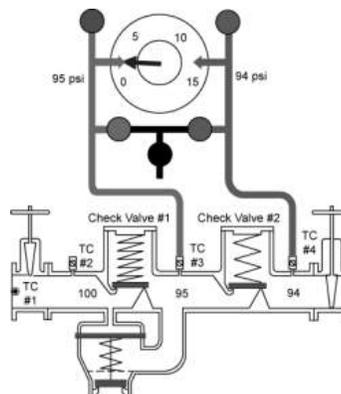
Check for CV2 Tightness

1. Attach left valve with hose to testcock 4
2. Open testcock 4
3. Open left valve, introducing high pressure on both sides of central chamber
4. Observe whether relief valve drips
5. Record either CV2 as Closed Tight or Leaking



Record Differential Pressure Across CV2

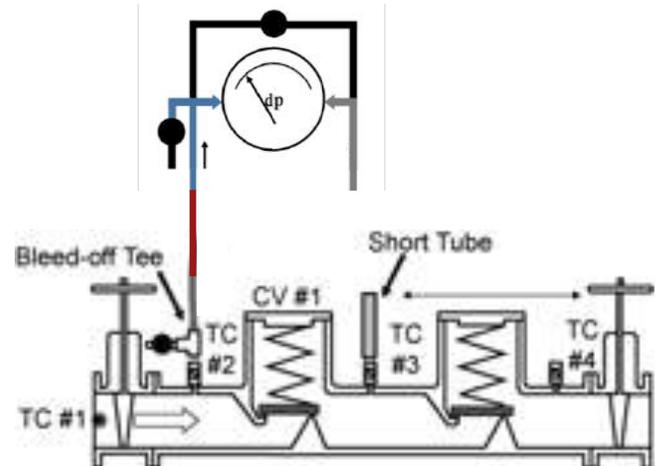
1. Attach low hose to test cock 4
2. Open top valve to bleed, then close
3. Attach High hose to test cock 3
4. Open Left valve to bleed, then close
5. OBSERVE CV 2 - (RECORD as CLOSED TIGHT or LEAKING)



DCVA Procedure Backflow Mini

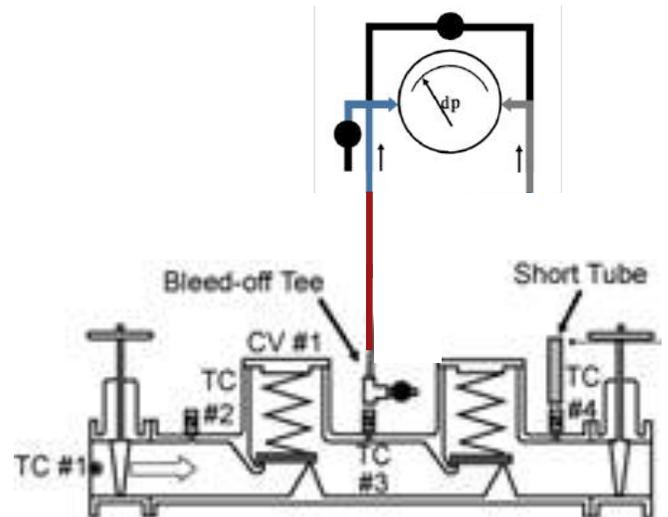
Test Check Valve #1 for Tightness

1. Install tube on testcock 3
2. Install Test Gauge and end of low hose at same height water discharges from short tube
3. Attach high hose to testcock 2
4. Open testcock 3 to fill tube, then close
5. Open testcock 2 slowly then bleed with left valve, and then close
6. Close inlet and outlet shutoff valves
7. Open testcock 3 slowly (with testcock 2 open) and wait for water to stop dripping from tube
8. Record Pressure



Record Relief Valve Opening Point

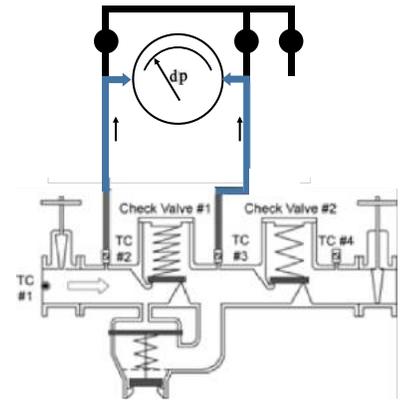
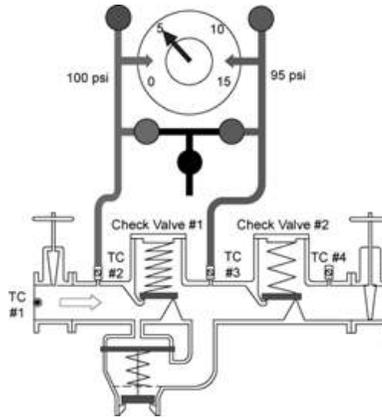
1. Close Test Cock 2 and 3
2. Move tube to test cock 4
3. Open Inlet shutoff valve
4. Attach high hose to test cock 3
5. Open testcock 4, fill tube, then close
6. Open testcock 3 slowly, then bleed air with left valve
7. Close inlet shutoff valve
8. Open testcock 4 (with test cock 3 open) and wait for water to stop dripping from tube
9. Measure pressure



RP Procedure Backflow Pro

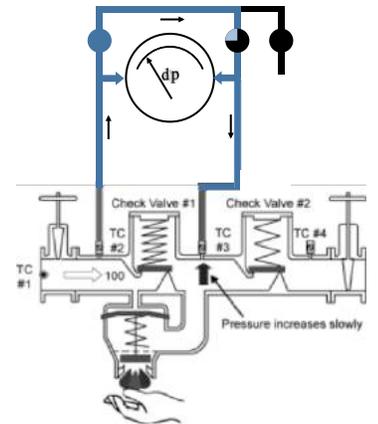
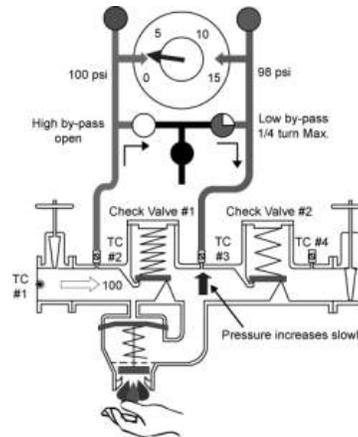
Test Check Valve #1 for Tightness

1. Attach low hose to test cock 3 and open
2. Open middle and right valve to bleed, then close tight
3. Attach High hose to test cock 2 and open
4. Open Right valve to bleed, then close
5. OBSERVE CV 1 - (RECORD as CLOSED TIGHT or LEAKING)



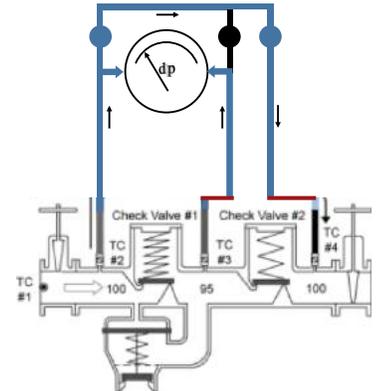
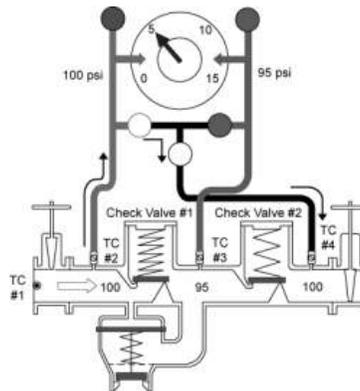
Record Relief Valve Opening Point

1. Place hand under vent
2. Slowly open middle valve, introducing high pressure to central chamber
3. Wait for drips to start from relief valve
4. Record relief valve opening
5. Close middle valve.



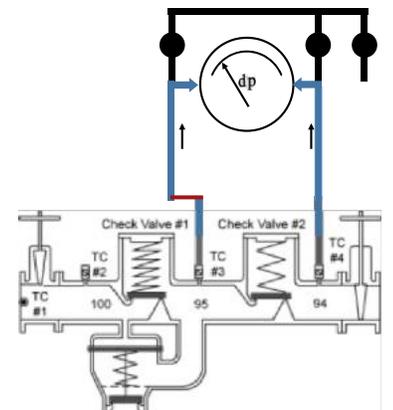
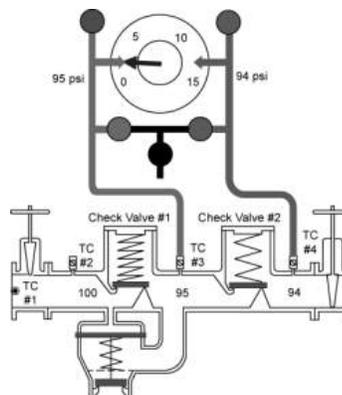
Check for CV2 Tightness

1. Attach vent hose to testcock 4
2. Open testcock 4
3. Open right valve slowly, introducing high pressure on both sides of central chamber
4. Observe whether relief valve drips
5. Record either CV2 as Closed Tight or Leaking



Record Differential Pressure Across CV2

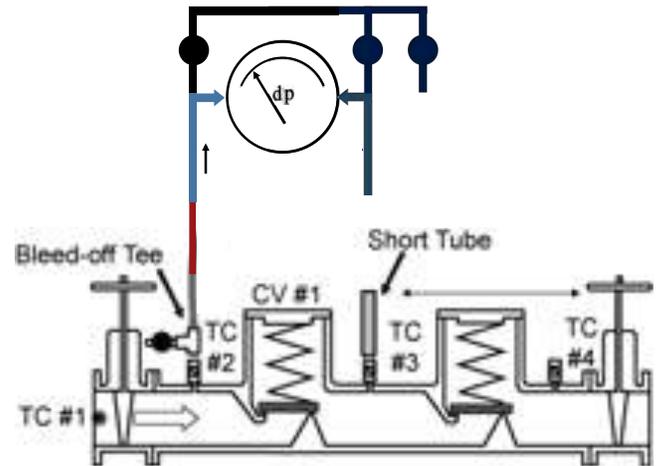
1. Attach low hose to test cock 4
2. Open middle and right valve to bleed, then close
3. Attach High hose to test cock 3
4. Open Left and right valve to bleed, then close
5. OBSERVE CV 2 - (RECORD as CLOSED TIGHT or LEAKING)



DCVA Procedure Backflow Pro

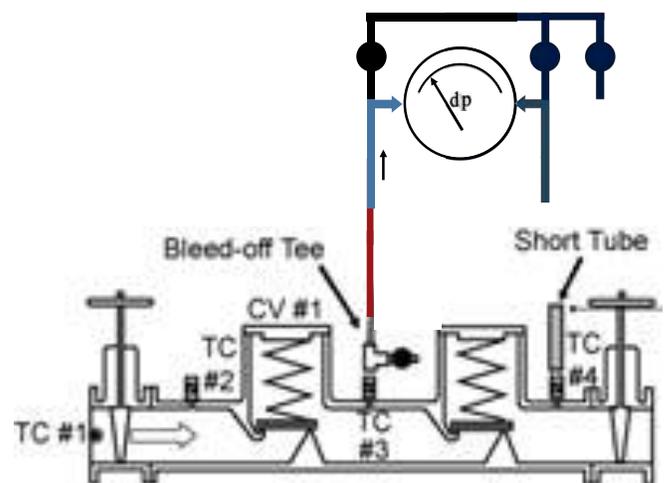
Test Check Valve #1 for Tightness

1. Install tube on testcock 3
2. Install Test Gauge and end of low hose at same height water discharges from short tube
3. Attach high hose to testcock 2
4. Open testcock 3 to fill tube, then close
5. Open testcock 2 slowly then bleed with left and right valve, then close
6. Close inlet and outlet shutoff valves
7. Open testcock 3 (with testcock 2 open) and wait for water to stop dripping from tube
8. Record Pressure



Record Relief Valve Opening Point

1. Close Test Cock 2 and 3
2. Move tube to test cock 4
3. Open Inlet shutoff valve
4. Attach high hose to test cock 3
5. Open testcock 4, fill tube, then close
6. Open testcock 3 slowly, then bleed air with left and right valve
7. Close inlet shutoff valve
8. Open testcock 4 (with test cock 3 open) and wait for water to stop dripping from tube
9. Measure pressure





Differential Pressure Plus has been designing and manufacturing differential pressure gauges and filter indicators in Branford, CT, USA for 25 years. Our mission is to provide unmatched innovation in the implementation of differential pressure measurement across worldwide.

Our management is made up of creative engineers who handle both product development and sales. This increases our customer's development efficiency and provides unmatched support across the industry.

Call today to speak with the development team directly
203-481-2545

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