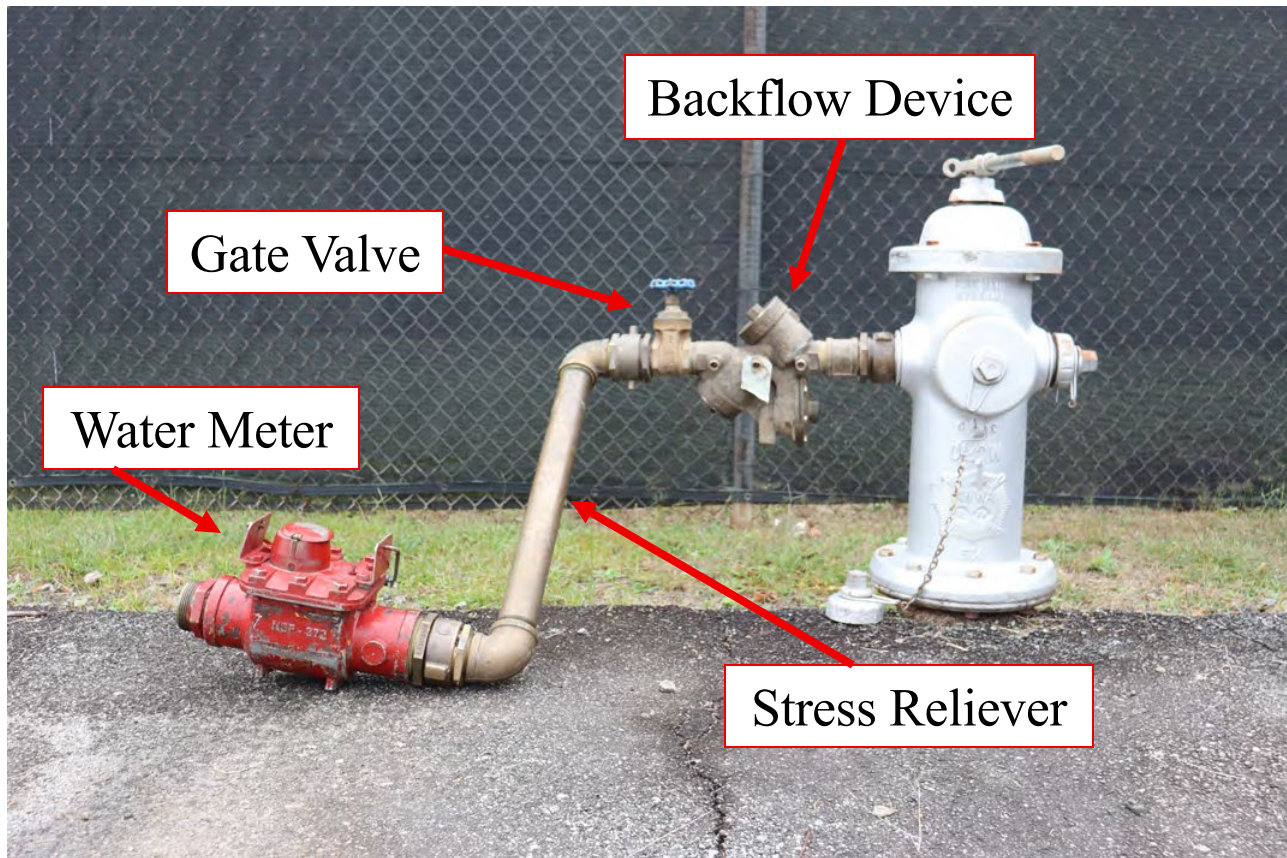


Fire Hydrant Meter Installation Instructions

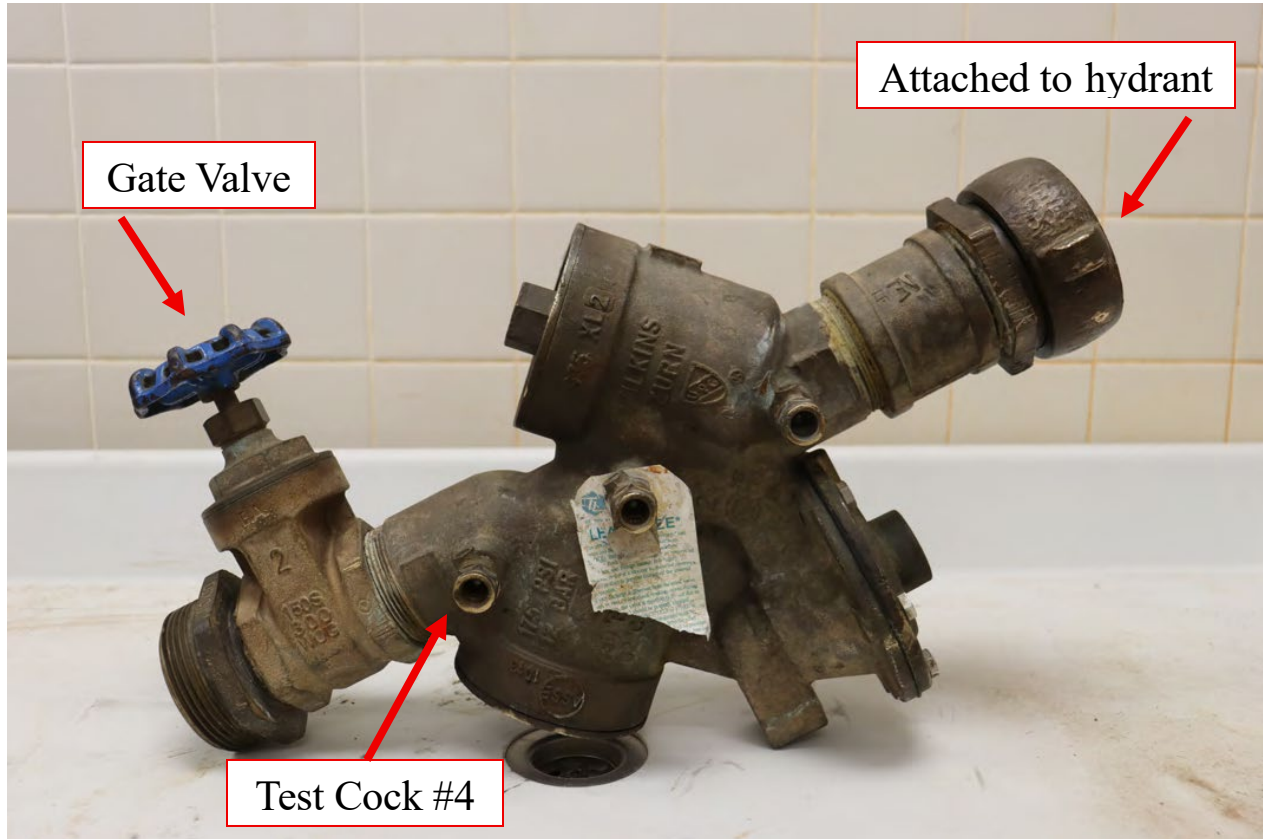


DO NOT change the order of setup!

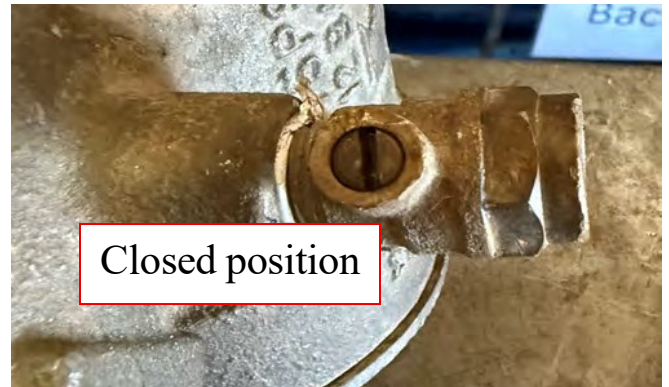
1. Remove the appropriate small nozzle cap on fire hydrant.
2. Attach backflow device to the fire hydrant. Hand tightens the fitting and use hydrant wrench to seal fitting to hydrant nozzle (approximately one-half turn).
3. Ensure gate valve on the backflow device is in the closed position by turning the handwheel clockwise until it can turn no further (careful not to over-tighten, it can cause damage to the gate valve).
4. Open the fire hydrant slowly by turning the operating nut on the top of the fire hydrant counterclockwise. The fire hydrant will need to be opened completely, or water will leak from the base of the hydrant. If needed, tighten the fitting additional quarter turns until leaks stop (do not over tighten, damage to the rubber gasket will result). If leaks persist, replace gasket.
5. Slowly open the gate valve on the backflow device by turning the handwheel counterclockwise. Only open the gate valve enough to allow a slow stream (approximately 1' wide flow) from the backflow device. This will purge any debris that may have accumulated in the base of the hydrant.
6. Once water is flowing clear, slowly close the gate valve by turning the handwheel clockwise until the flow of water stops. See additional instructions on how to bleed air from the backflow device.
7. Attach the stress reliever (the copper tubing) to the end of the backflow device (do not tighten fittings until water meter is installed flat on the ground).
8. Attach the water meter to the other end of the stress reliever; ensure the water meter is flat on the ground. Tighten all fittings hand tight plus an additional half turn with the hydrant wrench.
9. Follow instructions on page 2 to purge air from the backflow device.
10. Hydrant meter assembly is now ready for use.

Fire Hydrant Meter Installation Instructions

Reduced Pressure Zone Assembly (RPZA) Backflow Operating Instructions:



1. Assemble unit according to instructions provided on page 1.
2. After installing the assembly, and with the hydrant open and the gate valve closed, bleed any air from the RPZA through test cock #4 by turning the bleeder valve to the open position. Once air has been purged, return the test cock to the closed position.



Disassembly Instructions:

1. Close the gate valve on RPZA by turning the handwheel clockwise until it stops.
2. Close the hydrant valve slowly by turning the operating nut clockwise, resting for a few seconds every complete revolution, until it stops. Shutting the fire hydrant down too fast can result in a water hammer and cause damage to infrastructure.
3. Relieve pressure from the RPZA by opening the gate valve (turn counterclockwise).
4. Uninstall the meter from the stress reliever (copper tubing), remove the stress reliever from the RPZA, and remove the RPZA from the fire hydrant.
5. Re-install the hose nozzle cap on fire hydrant (do not over tighten, damage to the rubber gasket will result).