

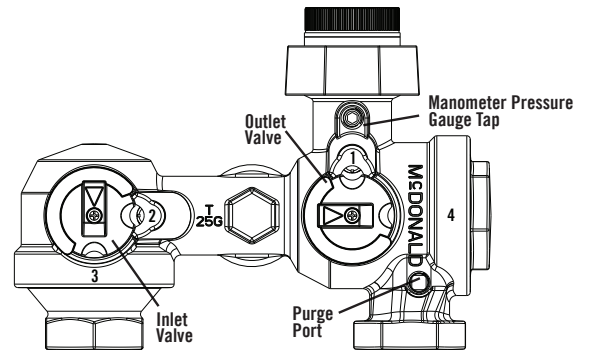


Natural Gas 6282 By-Pass Procedure

NOTE: Failure to follow this procedure may result in interrupted gas service and loss of pilot lights.

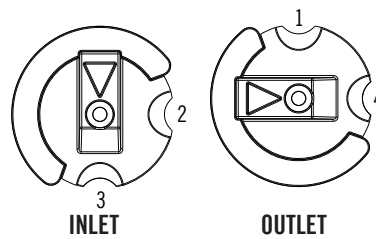
NOTE: It is recommended that a manometer be installed at the downstream pressure tap prior to operating the bypass. The manometer will monitor the downstream pressure. In the event the pressure drops below your stated system requirements, an improper sequence may have occurred. The valves should be returned to normal operation immediately to restore flow of gas. Once pressure is restored, the bypass procedure can then be started again. If the pressure drops below your stated system requirements at any time, pilots need to be checked and possibly relit.

- Bypass application only at regulated pressure.
- Follow all applicable codes and procedures.



Normal Operating Flow Mode

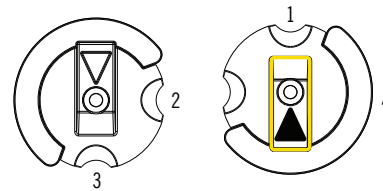
Inlet valve at position 3 (arrow pointing down), outlet valve at position 4 (arrow pointing right).



STEP 1

Bypass Flow Mode

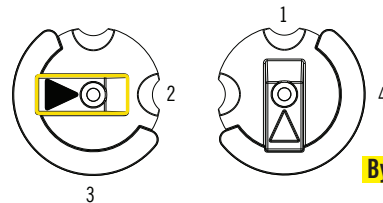
Turn outlet valve 90° counter clockwise to Position 1.



STEP 2

Meter Maintenance

Turn inlet valve 90° counter clockwise to Position 2.



STEP 3

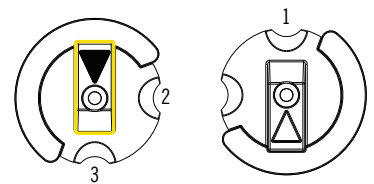
Meter Maintenance

Perform required maintenance to the meter, when the meter change out or meter maintenance has been completed, purge the air out of the new meter (as noted in Step 4 below) before taking the meter bar out of bypass mode. Do this by fully assembling the meter to the bar, then removing the purge port plug to allow gas to flow to atmosphere. Reference figure above for purge port location. Once the plug has been removed, proceed to step 4.

STEP 4

Purge Mode

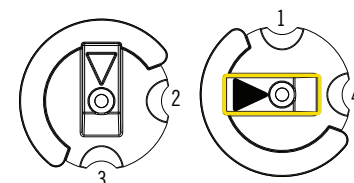
Slowly turn the inlet valve 90° clockwise to position 3. This means that gas is now starting to enter the meter and will push the air in the meter to the purge port where it can escape to atmosphere. Purge meter until the smallest increment dial makes two full rotations. **DO NOT PURGE IN A CONFINED SPACE!** Once the meter is purged, replace the purge port plug.



STEP 5

Back To Normal Operation Flow Mode

Turn the outlet valve 90° clockwise to Position 4.



Natural Gas

6282 By-Pass Procedure

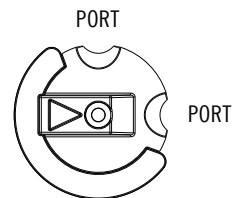
Valve Rating 25 PSIG | Ball Style Instructions

NOTE: These valves are designed for use with natural, manufactured or LP gas only.

1. Read instructions and reference pressure rating on integral valves before valve installation or maintenance of meter bar.
2. Inspect valves and remove any foreign material.
3. Always apply a quality grade pipe thread sealant to the pipe before installation - do not use teflon tape. Excess pipe sealant contacting the plug surface may cause the valve to leak.
4. Always wrench nearest to connection point. Never insert a tool into the port area of the valves to thread bar onto the pipe. Incorrect tightening or overtightening of the bar on installation can cause valve failure.
5. Installation torques should be reduced when using pipe heavier than schedule 40.
6. Reference the bypass procedure shown below and on reverse side. DO NOT INSTALL IN A CONFINED SPACE.
7. Lock the valves to prevent unwanted operation or access.

INTEGRAL VALVE FEATURES

1. Valves can be locked in "NORMAL FLOW" (through the meter) or in "BYPASS MODE" to prevent unwanted operation.
2. The bypass meter bars are designed to provide uninterrupted gas service during gas meter maintenance. The ability to maintain gas flow to the home comes from the valves' oversized ports, which allow for a minimum-flow condition during valve operation.



INSULATED UNION ENDS

A.Y McDonald's O-ring or flat gasket design insulated end assures positive sealing and long lasting service.

The **insulated end** is properly assembled to the head piece by tightening the union nut hand tight plus 1/4 to 1/2 turns.

CAUTION - EXCESSIVE TIGHTENING COULD CAUSE LEAKAGE.

O-RING DESIGN

If the O-ring is removed from the end piece, it can easily be replaced as follows:

1. Lay O-ring in groove - do not force it in with your fingers. A coat of petroleum jelly should be applied to the O-ring after assembly into groove.

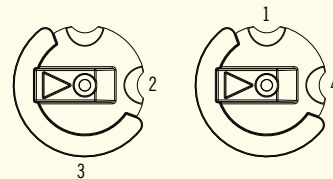
CAUTION - O-RING AND GROOVE MUST BE FREE OF FOREIGN MATERIAL.

2. Hand tighten the union nut onto the head piece to uniformly press the O-ring into the groove.
3. This uniform pressure of the meeting of the head piece and end piece will properly seat the O-ring.
4. Remove head piece and inspect to verify O-ring is in place.

SHUT OFF POSITION

To stop the flow of Gas to meter and structure, turn valves to Position **2 & 4**.

WARNING: This position will shut-off the flow of gas and require shut-off procedure and pilots re-lit.



WARNING: This product can expose you to chemicals including lead, which is known to the State of CALIFORNIA to cause cancer and birth defects or other reproductive harm. For more information go to: www.P65Warnings.ca.gov.