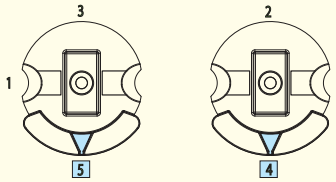
Natural Gas
6480 By-Pass Procedure

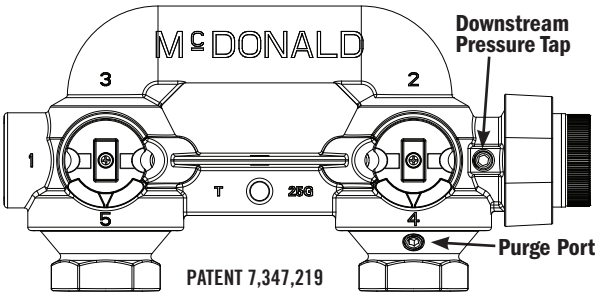
NOTE: Failure to follow this procedure may result in interrupted gas service and loss of pilot lights.
NOTE: It is recommended that a manometer be installed at the downstream pressure tap prior to operating the bypass. The manometer will monitor the downstream pressure. In the event the pressure drops 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 5, outlet valve at position 4 (both arrows toward meters).

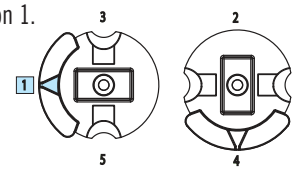




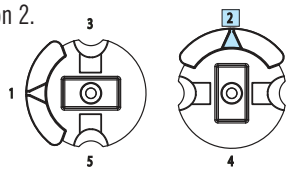
PROCESS 1

Bypass Flow Mode

Step 1. Turn inlet valve 90º clockwise to Position 1.

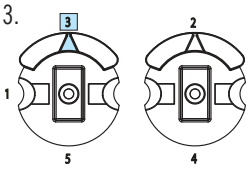


Step 2. Turn outlet valve 180º counter clockwise to Position 2.



Step 3. Turn inlet valve clockwise 90º to Position 3.

By-Pass Mode



PROCESS 2

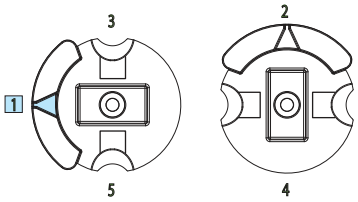
Meter Maintenance

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 before taking the meter bar out of bypass mode.

PROCESS 3

Purge Mode

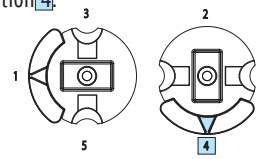
Step 4. 1. Fully assemble meter to the bar. 2. Remove purge port plug to allow gas to flow to atmosphere (reference figure above for purge port location). 3. Slowly turn inlet valve to Position 1. 4. Purge meter until the smallest increment dial makes two full revolutions. 5. Replace purge port plug once meter is purged. **DO NOT PURGE IN CONFINED SPACE.**



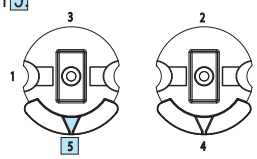
PROCESS 4

Back To Normal Operation Flow Mode

Step 5. Turn outlet valve 180º clockwise to Position 4.



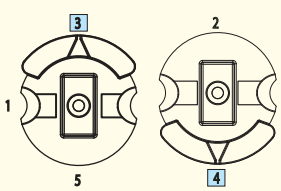
Step 6. Turn inlet valve 90º counterclockwise to Position 5.



SHUT OFF POSITION

To stop the flow of Gas to meter and structure, turn valves to Position 3 & 4.

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



Natural Gas

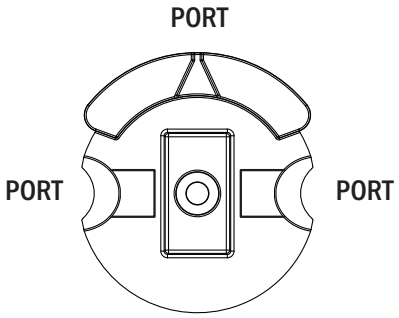
6480 By-Pass Procedure

Valve Rating 25 PSIG

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 installation or maintenance of meter bar.
2. Inspect valves for foreign material. 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 ball 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. A backup wrench should be used on the end pieces when installing swivels. Incorrect tightening or overtightening of the bar on installation can cause bar 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.
7. Lock the valves to prevent unwanted operation or access. Valves can be locked in "NORMAL FLOW" (through the meter) or in "BYPASS MODE".
8. The bypass meter bars are designed to provide uninterrupted gas service to a service during gas meter maintenance. The ability to maintain gas flow to the service comes from the valves' oversized ports, which allow for a minimum-flow condition during valve operation.

INTEGRAL VALVE FEATURES



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.