

High Pressure Gas Meter Valves Ball Style Instructions

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

- 1) Read instructions before valve installation or maintenance.
- 2) Inspect valves for foreign material. Remove any foreign material, being careful not to damage the ball surface or the port seals.
- 3) Valve should always be left in either the fully open or fully closed position.
- 4) 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.
- 5) Always use wrenching flats nearest to connection point. Never insert a tool into the ball area of the valve to thread it onto the pipe. Incorrect or over-tightening of the valve on installation can cause valve failure.
- 6) Installation torques should be reduced when using pipe heavier than schedule 40.

CAUTION

Soaps, solvents or fluids containing Glycol that are used for testing or cleaning the valve are NOT to have any contact with ball

Never try to disassemble an A.Y. McDonald valve. If the valve is damaged or otherwise not functional, immediately remove the valve and replace it with a new one.

(OVER)



A.Y. McDonald Mfg. Co.

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Valves with Insulated or Non-Insulated Union Ends

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

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

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

CAUTION - Excessive tightening could cause leakage.

The **non-insulating end** piece is properly assembled to the valve by tightening the union nut hand tight plus 1/4 to 1/2 turns.

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

- 1) Lay O-ring in groove - don't force it in with your fingers.

CAUTION - O-ring and groove must be free of foreign material. A coat of petroleum jelly should be applied to the O-ring after assembly.

- 2) Hand tighten the union nut onto the valve to uniformly press the O-ring into the groove.
- 3) This uniform pressure of the meeting of the valve and end piece will properly seat the O-ring.

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