

JFLOW
c o n t r o l s

The Right Valve • The Right Application • Right now!

**JFLOW SERIES VALVES
(6800 SERIES)
CHECK VALVE
INSTALLATION – MAINTENANCE MANUAL**

Document No: 6800
Date: 2010-02-01
Version: 1

PREPARED BY _____ DATE _____

REVIEWED BY _____ DATE _____

APPROVED BY _____ DATE _____



The Right Valve • The Right Application • Right now!

www.jflowcontrols.com
sales@jflowcontrols.com

J Flow Controls
4665 Interstate Dr.
Cincinnati, OH 45246
Toll Free: 866-95-JFLOW (53569)
Local: 513-330-6354
Fax: 513-731-6939

6800 Series Check Valve
Installation – Maintenance Manual
Document #: IM-6800-01
Rev Date: 2010-02-01

Installation & Maintenance for J Flow 6800 Series Check Valve

General Information

The J Flow 6800 series check valve has been designed and engineered to provide a long lasting, worry-free valve service when installed according to the instructions and specifications given in this manual. If repairs need to be made, only use genuine J Flow Controls parts which are readily available for immediate shipment.

The following set of instructions refers only to the J Flow 6800 series check valve. Please contact J Flow Controls if this is not the valve series in your possession.

J Flow Controls is committed to providing The Right Valve for the Right Application, Right Now.

Cautions

It is the installer or designer's responsibility to make sure that the 6800 series check valve, and the adjoining pipe are installed and supported in accordance with applicable ASME B31 standards.

The 6800 series valves are not recommended for use with reciprocating pumps and similar applications which cause vibrations. Low flow rates that do not fully open the valve can result in undesirable noise and decrease valve life.

Upstream flow disturbances which create turbulence may also result in rapid wear. We recommend that a minimum of 10 pipe diameters of straight pipe be provided between check valve and any upstream devices such as pumps, control valves, elbows, etc.

Be sure to provide a means to protect the valve from freezing and bursting when using liquids.

Always consider the corrosive, erosive, and adhesive effects of fluids on the valves and piping components. It is the user of the valves responsibility to make sure the valve is compatible with the media in the system.

Installation

1. J Flow Controls 6800 series check valves are designed to be installed horizontally or vertically with upward flow.
2. Make sure all pipe end connections are clean, burr free, and free of any debris.
3. Apply pipe sealant to the make end pipe prior to installing the valve.
4. Make sure the valve is installed in the pipeline so that the intended flow direction corresponds with the flow arrow on the side of the valve body.
5. When tightening the valve onto adjoining pipe, apply the wrench to the valve at the hex closest to the joint being completed. Do not over-tighten the pipe joint. No more than 1 ½ turns beyond finger tight to create a leak free joint. Caution: Do not apply installation torque through the valve as it may damage the valve body or body joint seal.
6. Check the valve and joints for leaks prior to putting the system into service.

Operation

No manual operation is required, nor is it possible once the check valve has been installed in the piping system.



The Right Valve • The Right Application • Right now!

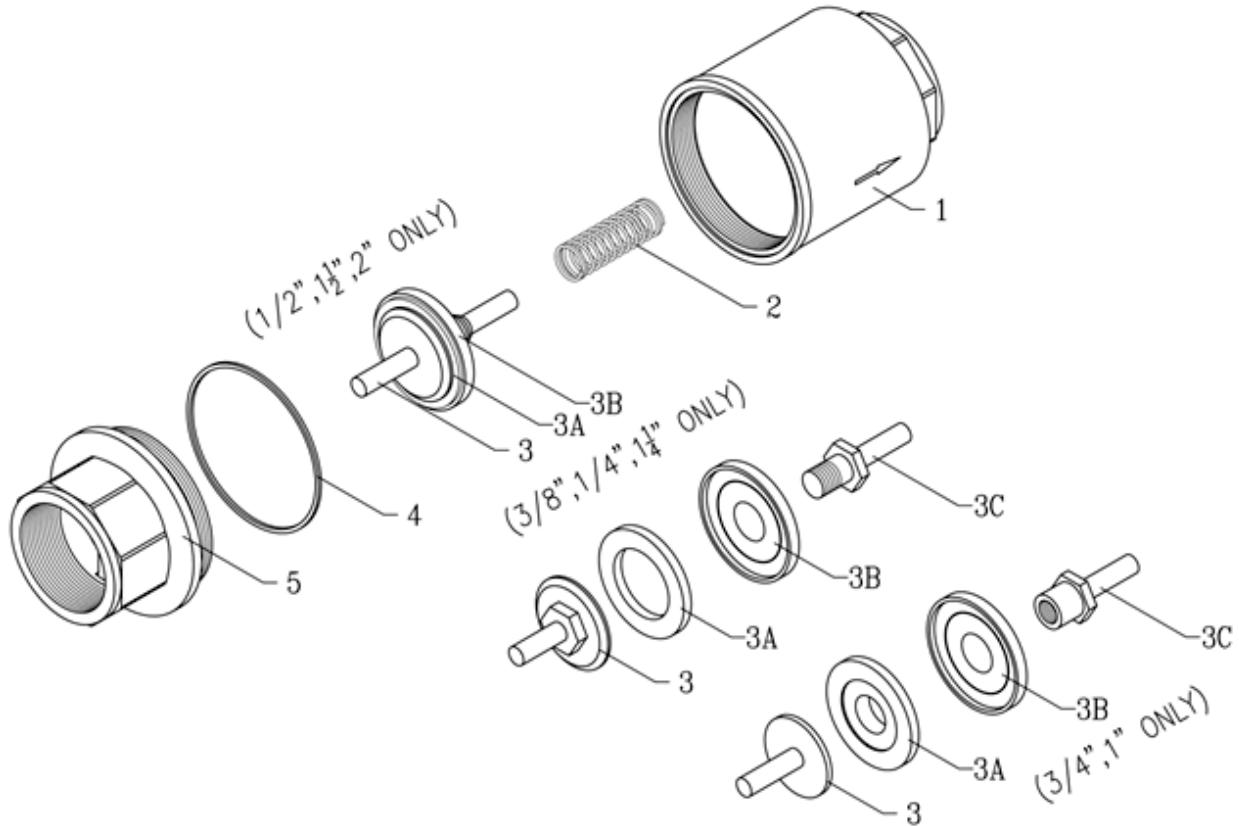
www.jflowcontrols.com
sales@jflowcontrols.com

J Flow Controls
4665 Interstate Dr.
Cincinnati, OH 45246
Toll Free: 866-95-JFLOW (53569)
Local: 513-330-6354
Fax: 513-731-6939

6800 Series Check Valve
Installation – Maintenance Manual

Document #: IM-6800-01
Rev Date: 2010-02-01

Installation & Maintenance for J Flow 6800 Series Check Valve



Item #	Quantity	Part Name	Material
1	1	Body	CF8M
2	1	Spring	316SS
3	1	Guide Pin #1	CF8M / 316SS
3A	1	Seat	PTFE
3B	1	Seat Hold	CF8M
3C	1	Guide Pin 2	316SS
4	1	Gasket	PTFE
5	1	End Cap	CF8M