



IOM 8110.0  
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## INSTALLATION, OPERATION AND MAINTENANCE GROTH MODEL 8110 BACK PRESSURE CHECK VALVE

### General:

The Groth Model 8110 is a swing check valve utilizing a single disk which allows flow in one direction. In the event that the downstream pressure is higher than the inlet pressure, the higher back pressure will hold the disk in the closed position.

### Installation:

The Model 8110 should be installed upright with its axis in a horizontal position for best performance and ease of maintenance. Note the flow arrow on the valve body. Due to its compact design, some of the mounting flange bolts or studs may not be insertable from the body side. Therefore, sufficient clearance must be provided in adjacent piping to allow the insertion of mounting bolts or studs.

**CAUTION!**

*Align and install adjacent piping so that no undue stress is imposed on the valve body. Do not overtighten threaded connection. Damage or breakage may result.*

### Operation:

The operation of the Model 8110 is fully automatic. There are no adjustment to be made.

### Maintenance:

The check valve does not require routine lubrication. If servicing or disassembly is required, first make sure all pressure to the valve is either blocked or vented safely.

The disk may be removed and the seating surface re-lapped if required. The seat in the body may be renewed by lapping. Clean the valve and replace all worn or damaged components before reassembly. Reassemble in the reverse order of disassembly. Check the disk and link to be sure they are free to swing and that seating is unobstructed.

*Notice: Please specify number, size, and serial number when ordering replacement parts.*