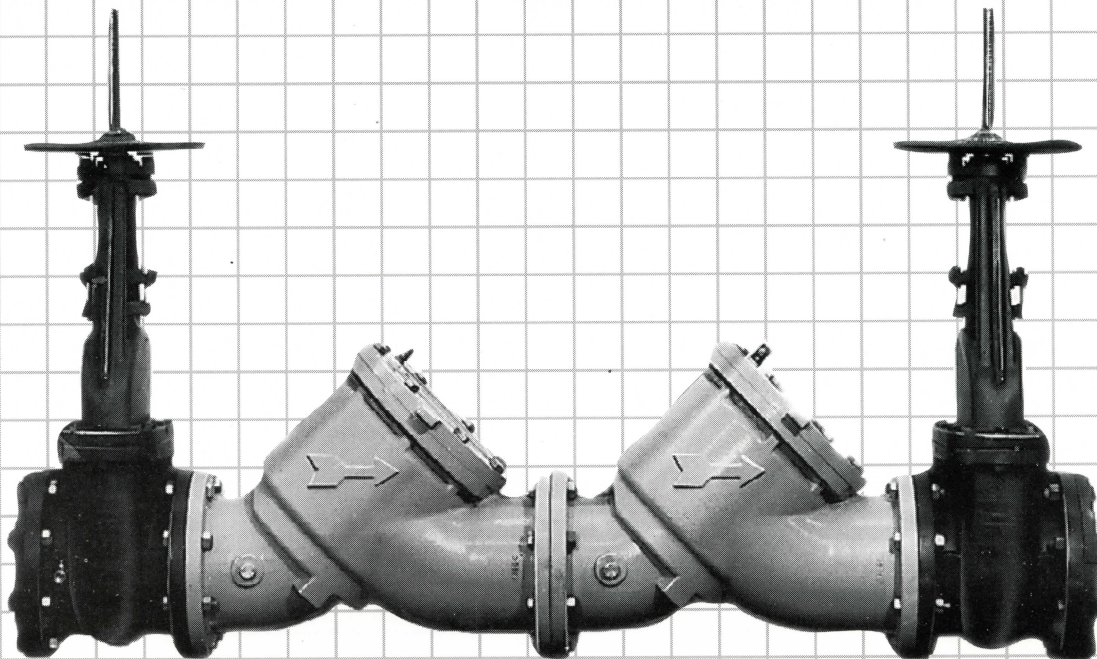


MODEL 2000CIV

Double Check Assembly



**DESIGNED AND APPROVED
FOR VERTICAL APPLICATIONS**

■ **Application**

The 2000CIV Series Double Check Valve Backflow Prevention Assembly is designed to prevent the reverse flow in water lines and to prevent polluted water from entering into the potable water system. This series can be applied, where approved by the local authority having jurisdiction, on low hazard installations. Furnished with resilient seated OS&Y gate valve shutoffs. 2000CIV Series features a modular check design concept to facilitate easy maintenance. Check with local jurisdictional authority as to installation requirements.

■ **Operation**

In normal flow conditions, the independently operating check valves remain closed until there is a demand for water. Each of the check valves in series is designed to open at approximately (1) PSI pressure differential in the direction of flow. At cessation of flow or under a back pressure condition, both check valves will close until the resumption of normal flow.

■ **Installation**

The 2000CIV should be installed with adequate clearance and easy accessibility for maintenance and testing. The 2000CIV may be installed vertically or horizontally. Refer to local codes for specific installation requirements.

■ **Features**

- Replaceable bronze seats
- Maximum flow at low pressure drop
- Design simplicity for easy maintenance
- No Special Tools Required for Servicing
- Captured spring assemblies for safety

■ **Approvals**

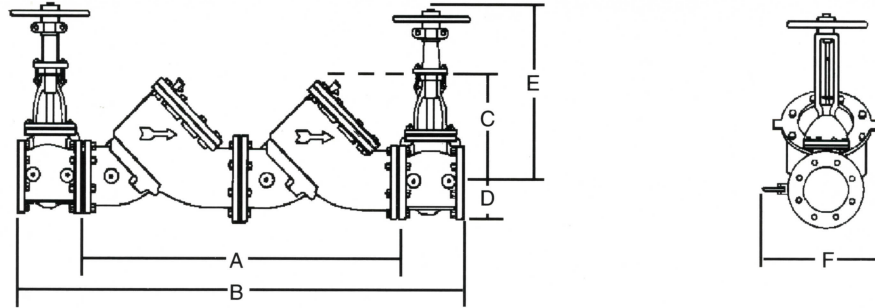
Approved by national approval agencies for horizontal and vertical (flow up) applications.

AMIES^{CO}

FLUID CONTROL SYSTEMS

MODEL 2000CIV

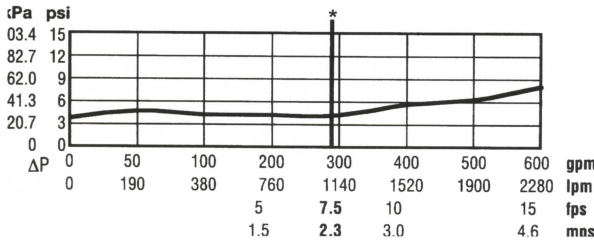
Double Check Assembly



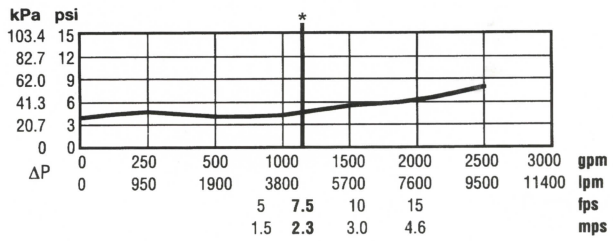
4" - 10" (64-254mm) 2000CIV Dimensions

Size		A		B		Service Clearance For Check C		D		Service Clearance OS&Y Open E		F		Weight With OS&Y Valves	
in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	lbs.	kgs.
4	102	34	867	52	1321	14	356	4.5	114	23.75	603	12	305	383	174
6	152	41.5	1057	62.5	1588	16	406	5.5	140	32.5	826	18.5	470	707	321
8	203	52	1321	75	1905	21	533	6.5	165	39.25	997	20.25	515	1307	593
10	254	64	1626	90	2286	25	635	8	203	40	1016	22.75	578	2073	940

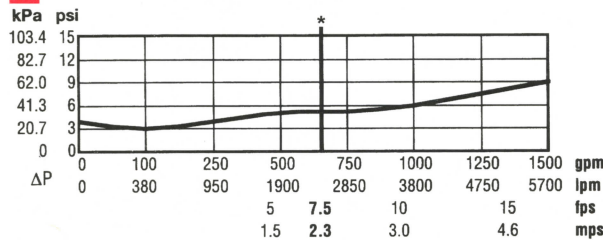
4" (102mm) Flow Characteristics



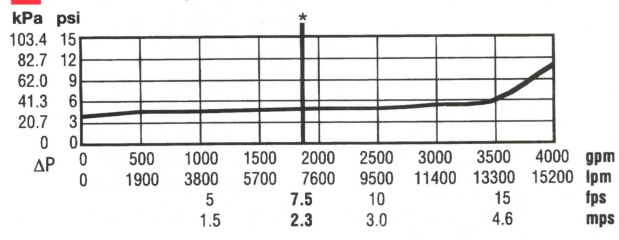
8" (203mm) Flow Characteristics



6" (152mm) Flow Characteristics



10" (254mm) Flow Characteristics



Specifications

FOR DOUBLE CHECK VALVE BACKFLOW PREVENTERS

A double check valve backflow preventer shall be installed at referenced cross-connections to prevent the backflow of polluted water into the potable water supply. The cross-connections shall be determined by local inspection authority for use where a high hazard situation does not exist. Valve shall feature modular check assemblies with center stem guiding. Each check module shall have a captured spring and be accessible through a bolted cover plate. Seats shall be replaceable without special tools. It shall be a complete assembly including tight-closing resilient seated shutoff valves, test cocks, and a strainer is recommended. The assembly shall meet the requirements of ASSE No. 1015; AWWA C510-92; CSA B64.5 and UL Classified and shall be an Ames model 2000 CIV.

Physical Characteristics

Sizes - 4", 6", 8", 10"

Rated working pressure - 175 psi

Temperature Range 32°F to 110°F

ASSE 1015, AWWA C510-92

Ames product specifications in U.S. customary units and metric are approximate and are provided for reference only. For precise measurements, please contact Ames Technical Service. Ames reserves the right to change or modify product design, construction, specifications, or materials without prior notice and without incurring any obligation to make such changes and modifications on Ames products previously or subsequently sold.