



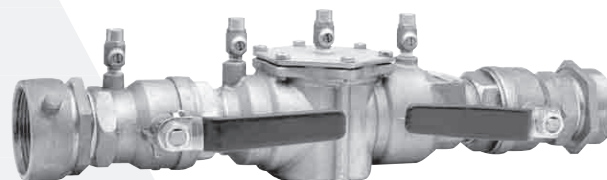
Series 2000B

Double Check Valve Assemblies

Sizes: 1/2" – 2" (15 – 50mm)

Features

- Ease of maintenance with only one cover
- Top entry
- Replaceable seats and seat discs
- Modular construction
- Compact design
- 1/2" – 2" (15 – 50mm) Cast bronze body construction
- Top mounted ball valve test cocks
- Low pressure drop
- No special tools required
- 1/2" – 1" (15 – 25 mm) have tee handles



2" 2000B HC
(50mm)



3/4" 2000B
(20mm)

Available Models

Suffix:

- B - Quarter turn ball valves
- LBV - less ball valves
- LH - locking handle ball valves (open position)
- SH - stainless steel ball valve handles
- HC - 2 1/2" inlet/outlet fire hydrant fitting (2" valve)

Prefix:

- U - union connections

Pressure — Temperature

Temperature Range: 33°F – 140°F
(0.5°C – 60°C)

Maximum Working Pressure: 175psi
(12.1 bar)

Standards

AWWA Std. C510, IAPMO PS31

Series 2000B Double Check Valve Assemblies shall be installed at referenced cross-connections to prevent the backflow of polluted water into the potable water supply. Only those cross-connections identified by local inspection authorities as non-health hazard shall be allowed the use of an approved double check valve assembly.

Check with local authority having jurisdiction regarding vertical orientation, frequency of testing or other installation requirements.

These valves meet the requirements of ASSE Std. 1015 and AWWA Std. C510 and are approved by the Foundation for Cross-Connection Control and Hydraulic Research at the University of Southern California.

Specifications

A Double Check Valve Assembly shall be installed at each noted location. The assembly shall consist of two positive seating check modules with captured springs and rubber seat discs. The check module seats and seat discs shall be replaceable. Service of all internal components shall be through a single access cover secured with stainless steel bolts. The assembly shall also include two resilient seated isolation valves and four top mounted, resilient seated test cocks. The assembly shall meet the requirements of ASSE Std. 1015 and AWWA Std. C510. Approved by the Foundation for Cross-Connection Control and Hydraulic Research at the University of Southern California. Assembly shall be an Ames Company Series 2000B.

Approvals



Approved by the Foundation for Cross-Connection Control and Hydraulic Research at the University of Southern California.

LBV models not listed.

Horizontal and vertical "flow up" approval on all sizes.

Job Name _____ Contractor _____

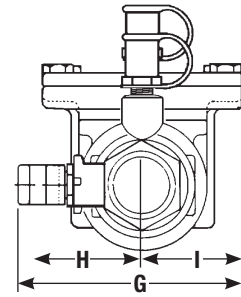
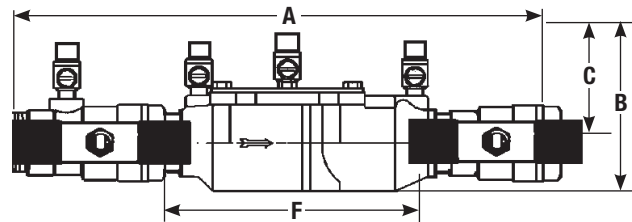
Job Location _____ Approval _____

Engineer _____ Contractor's P.O. No. _____

Approval _____ Representative _____

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.

Dimensions – Weights



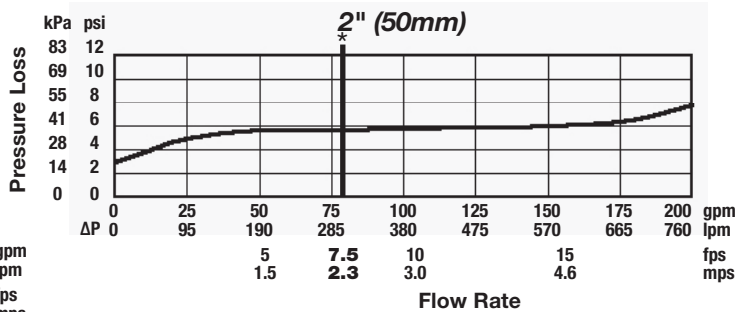
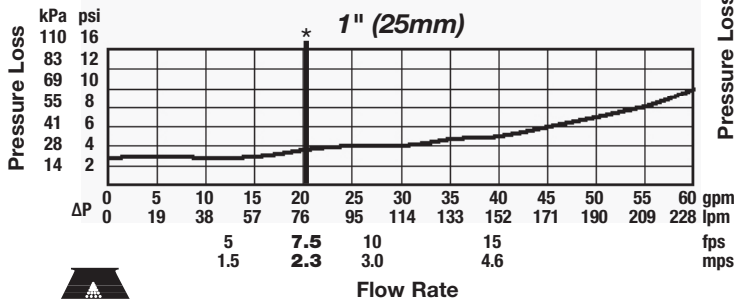
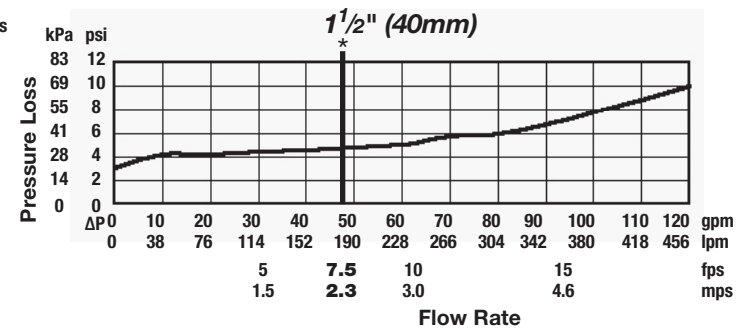
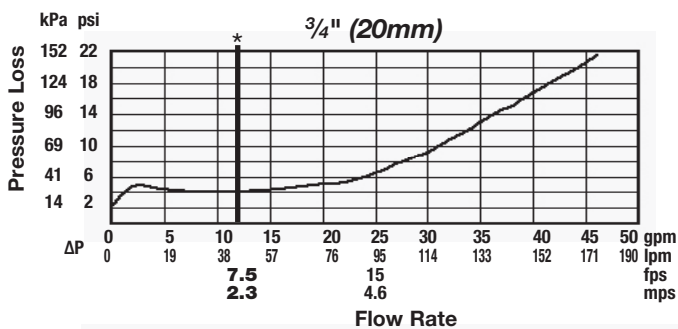
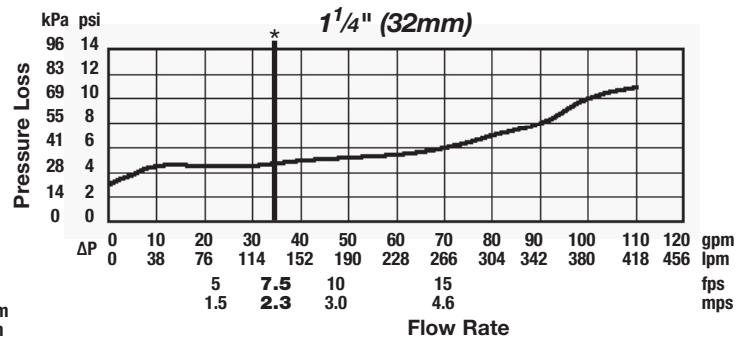
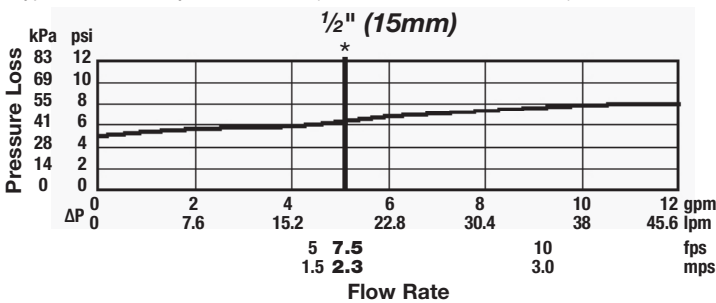
Suffix HC – Fire Hydrant Fittings dimension "A" = 23½" (594mm)

SIZE (DN)		DIMENSIONS										WEIGHT					
in.	mm	A		B		C		F		G		H		I		lbs.	kgs.
½	15	10	254	4¾	117	2⅞	62	5	127	3⅝	85	2⅞	59	2⅞	52	4.5	2
¾	20	11⅞	282	4	102	3⅞	79	6⅞	157	3⅞	87	2⅞	54	1⅞	33	5	2.3
1	25	13¼	337	5⅞	130	4	102	7½	191	3⅞	85	11⅞	43	11⅞	43	12	5.4
1¼	32	16⅝	416	5	127	3⅞	84	9½	241	5	127	3	76	2	50	15	6.8
1½	40	16¾	425	4⅞	124	3½	89	9¾	248	5⅞	148	3⅞	79	2⅞	68	15.86	7.2
2	50	19½	495	6¼	159	4	102	13⅝	340	6⅞	156	3⅞	87	2⅞	68	25.75	11.7

Strainer sold separately

Capacities

As compiled from documented Foundation for Cross-Connection Control and Hydraulic Research at the University of Southern California lab tests.
*Typical maximum system flow rate (7.5 feet/sec., 2.3 meters/sec.)



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A Watts Water Technologies Company

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Control Valves- 18550 Hansen Road • Houston, TX 77075 • T: 713-943-0688 • F: 713-944-9445

Canada: 5435 North Service Rd. • Burlington, ONT. L7L 5H7 • T: 905-332-4090 • F: 905-332-7068