

Job Name _____
 Job Location _____
 Engineer _____
 Approval _____

Contractor _____
 Approval _____
 Contractor's P.O. No. _____
 Representative _____

LEAD FREE*

Series LF2000B

Double Check Valve Assemblies

Sizes: ½" – 2" (15 – 60mm)

Series LF2000B 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. The LF2000B features Lead Free* construction to comply with Lead Free* installation requirements.

Features

- Ease of maintenance with only one cover
- Top entry
- Replaceable seats and seat discs
- Modular construction
- Compact design
- ½" – 2" (15 – 50mm) Lead Free* cast silicon copper alloy body construction
- Top mounted ball valve test cocks
- Low pressure drop
- No special tools required
- ½" – 1" (15 – 25 mm) have tee handles

Specifications

A Double Check Valve Assembly shall be installed at each noted location. The Double Check Valve Assemblies shall be constructed using Lead Free* materials. Lead Free* valves shall comply with state codes and standards, where applicable, requiring reduced lead content. 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 Fire & Waterworks Series LF2000B.

Ames Fire & Waterworks product specifications in U.S. customary units and metric are approximate and are provided for reference only. For precise measurements, please contact Ames Fire & Waterworks Technical Service. Ames Fire & Waterworks 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 Fire & Waterworks products previously or subsequently sold.



¾" LF2000B
(20mm)

Approvals



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

LBV models not listed.

Available Models

Suffix:

- B — Quarter turn ball valves
- LBV — less ball valves

Pressure – Temperature

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

Maximum Working Pressure: 175 psi (12.06 bar)

Standards

AWWA Std. C510, IAPMO PS31

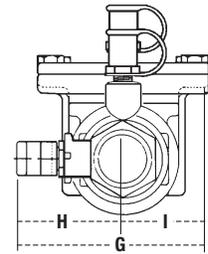
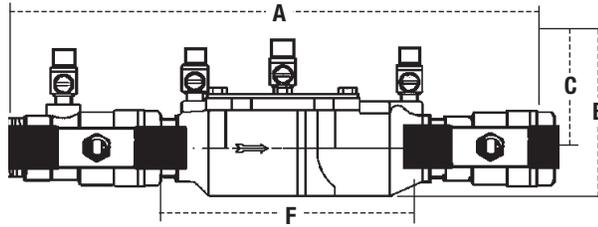
NOTICE

The information contained herein is not intended to replace the full product installation and safety information available or the experience of a trained product installer. You are required to thoroughly read all installation instructions and product safety information before beginning the installation of this product.

*The wetted surface of this product contacted by consumable water contains less than 0.25% of lead by weight.

AMES
FIRE & WATERWORKS
A WATTS Brand

Dimensions – Weights



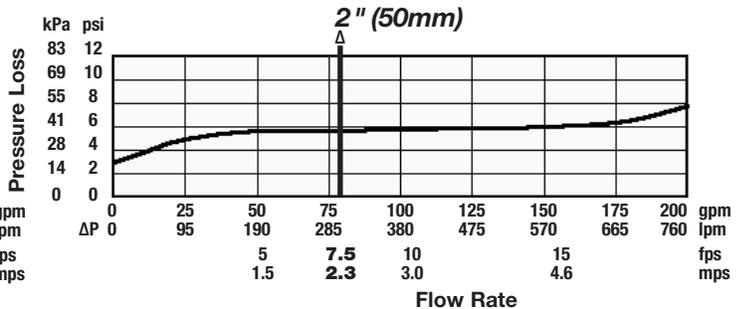
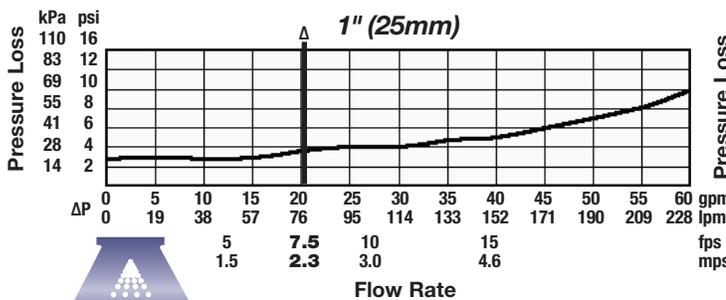
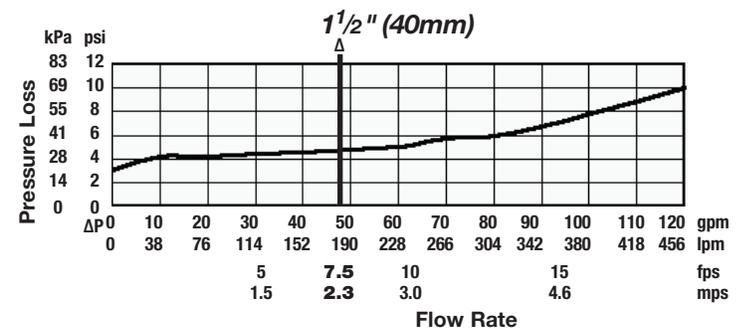
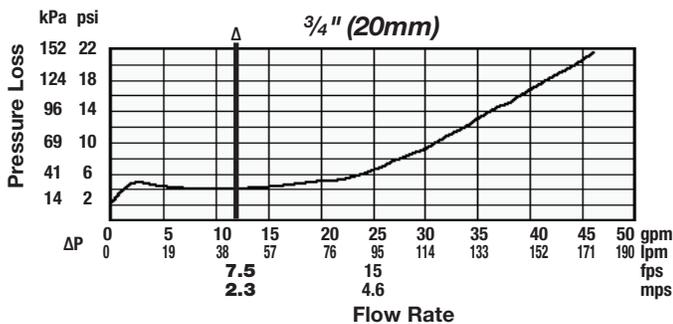
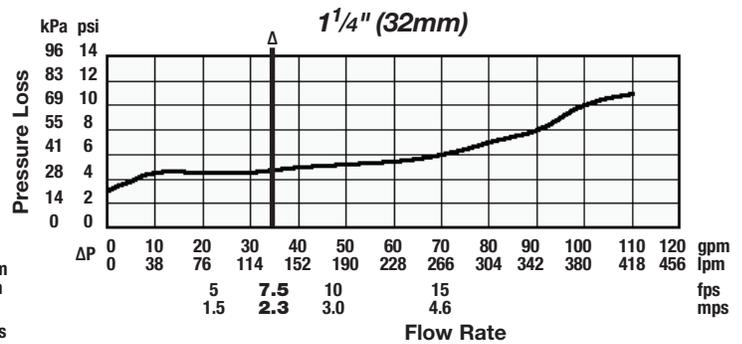
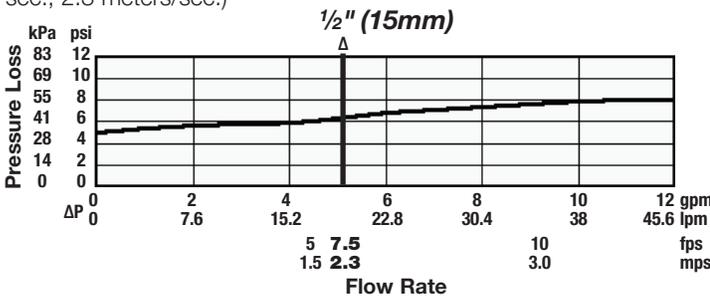
LF2000B

SIZE (DN)		DIMENSIONS										WEIGHT					
in.	mm	A		B		C		F		G		H		I		lbs.	kgs.
1/2	15	10	254	4 5/8	117	2 1/16	62	5	127	3 3/8	85	2 5/16	59	2 1/16	52	4.5	2
3/4	20	11 1/8	282	4	102	3 1/8	79	6 3/16	157	3 3/16	87	2 1/8	54	1 1/16	33	5	2.3
1	25	13 3/4	337	5 1/8	130	4	102	7 1/2	191	3 5/8	85	1 11/16	43	1 11/16	43	12	5.4
1 1/4	32	16 3/8	416	5	127	3 3/16	84	9 1/2	241	5	127	3	76	2	50	15	6.8
1 1/2	40	16 3/4	425	4 7/8	124	3 1/2	89	9 3/4	248	5 13/16	148	3 1/8	79	2 1/16	68	15.86	7.2
2	50	19 1/2	495	6 1/4	159	4	102	13 3/8	340	6 1/8	156	3 7/16	87	2 1/16	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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USA: Backflow Tel: (978) 689-6066 • Fax: (978) 975-8350 • AmesFireWater.com
 USA: Control Valves Tel: (713) 943-0688 • Fax: (713) 944-9445 • AmesFireWater.com
 Canada: Tel: (905) 332-4090 • Fax: (905) 332-7068 • AmesFireWater.ca
 Latin America: Tel: (52) 81-1001-8600 • AmesFireWater.com