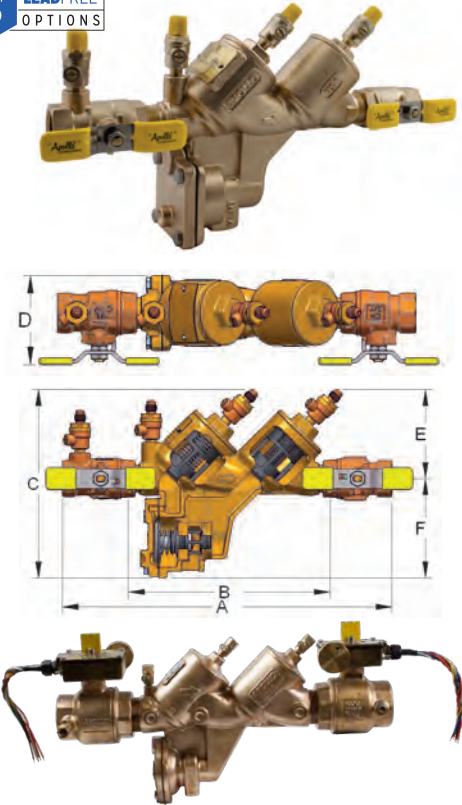


RP 4A / RPLF 4A SERIES

REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTER ASSEMBLY



**SLOW CLOSE WITH MONITOR SWITCHES
T2ST OPTION (1-1/2" AND 2" ONLY)
SEE SS1397 FOR DIMENSIONS**

The Apollo® Series RP 4A or RPLF 4A Reduced Pressure Principle Backflow Preventer is designed to give maximum protection against backflow caused by either back-pressure or back-siphonage from substances that are hazardous. The durable but economical device is easily maintained in the line with modular check cartridge assemblies that require no special tools. It consists of two independently acting spring-loaded check valves with an automatic differential relief valve located between the check valves. All test cocks are mounted at the top of the unit to assure easy access during repair and maintenance when unit is installed in tight places.

FEATURES

- Maximum Protection Against Back-Pressure/Back-Siphonage
- Modular Check Valve Cartridges w/ Easily Replaced Parts
- Reversible/Removable Chloramine-Resistant Silicone Seat Discs
- Low Head Pressure Loss
- Top Mounted Test Cocks
- Threaded Testcock Protectors
- Internal Sensing Passage
- Modular Captured Spring Relief Valve
- Lead Free Option
- Standard with Full Port Ball Valves with Stainless Steel Handles
- Corrosion Resistant
- Optional Air Gap Drain
- **Designed, Cast, Machined, Assembled and Tested in the USA**
- 5 Year Warranty

PERFORMANCE RATING

- Maximum Working Pressure: 175 psi
- Operating Temperature Range: 33° to 180°F

APPROVALS

- ASSE 1013
- CSA B64.4
- Federal Public Law 111-380
- AWWA C511
- UL, ULC Classified (T2ST Option or Less Shutoffs)
- Approved by the Foundation for Cross-Connection Control and Hydraulic Research at the University of Southern California
- Horizontal Installation Approvals on 1/2" thru 2"
- NSF/ANSI 61 Water Quality (4ALF only)
- NSF/ANSI 372 Lead Free (4ALF only)

STANDARD MATERIALS LIST

BODY, CAPS	Bronze (C84400/LF C89836)	DIAPHRAGM	Nitrile and Nylon
BV SHUT-OFFS, TEST COCKS	Bronze (C84400/LF C87800)	CHECK MODULES	Glass-Filled PPO
SPRINGS	300 Series SS	O-RINGS	Chloramine-Resistant EPDM
SEAT DISCS	Chloramine-Resistant Silicone	BALL VALVE HANDLES	Stainless Steel

Contact local water authorities for installation/service requirements.

PART NUMBER MATRIX

4A X	2 X	X	XX	X
	Y-STRAINER	SIZE	SHUT-OFF VALVES	OPTIONS (CAN BE COMBINED)
4A - STANDARD	0 - STANDARD	3 - 1/2"	A2 - W/BALL VALVES (STANDARD)	F - SAE THREADED TEST COCKS (STANDARD 1/2")
4ALF - LEAD FREE	1 - WITH Y-STRAINER (SHIPPED LOOSE)	4 - 3/4"	A4 - W/UNION BALL VALVES (3/4" - 2")	L - LEVER HANDLE (3/4" & 1" ONLY)
		5 - 1"	T2ST - TAMPER GEAR OPERATED BALL VALVE (1-1/2" - 2")	LL - LOCKING LEVER HANDLES
EXAMPLE: 4A 215 A4LL = 1" reduced pressure backflow preventer with strainer, union ball valves and locking lever handles		6 - 1-1/4"		P - PUSH CONNECTION (FACTORY INSTALLED)
		7 - 1-1/2"		PR - PRESS CONNECTION (FACTORY INSTALLED)
		8 - 2"		

DIMENSIONS

MODEL NO. PART NO. SIZE	RP4A12 4A 203 A2F 1/2"	RP4A12 4A 203 A2F 15 MM.	RP4A34 4A 204 A2F 3/4"	RP4A34 4A 204 A2F 20 MM.	RP4A1 4A 205 A2F 1"	RP4A1 4A 205 A2F 25MM.	RP4A114 4A 206 A2F 1-1/4"	RP4A114 4A 206 A2F 32 MM.	RP4A112 4A 207 A2F 1-1/2"	RP4A112 4A 207 A2F 40 MM.	RP4A2 4A 208 A2F 2"	RP4A2 4A 208 A2F 50 MM.
A*	10-7/8	276	12-5/8	321	14-5/8	371	17-1/2	445	18	457	20-1/8	511
B	7-3/8	187	8-1/2	216	9-1/2	241	11-3/4	298	11-5/8	295	12-3/4	324
C	7-1/8	181	7-3/8	187	8	203	9-7/8	251	9-7/8	251	11	279
D	2-7/8	73	3-1/8	79	3-1/4	83	5-1/8	130	5-1/8	130	5-7/8	149
E	3-1/4	83	3-1/2	89	4	100	4-1/2	114	4-1/2	114	5	127
F	3-7/8	98	3-7/8	98	4	100	5-3/8	137	5-3/8	137	6	150
WEIGHTS	LB.	KG.	LB.	KG.	LB.	KG.	LB.	KG.	LB.	KG.	LB.	KG.
Net Wt.	6.9	3.1	8.2	3.7	11.7	5.3	13.6	6.2	17.4	7.9	24.5	11.1

*For T2ST Option, Union Ball Valve, Press, and Push connection dimensions, see submittal sheets.