

BACKFLOW PREVENTERS RP-4A SERIES

Reduced Pressure Principle Backflow Preventers RP-4A Series

Reduced Pressure Principle

The Apollo Series RP-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.



(4A-214-T2F shown)

Sizes 1/2", 3/4", 1", 1-1/4", 1-1/2", 2"

MATERIALS	
Body and Covers	Bronze
Springs	300 Series SS
Seat Discs	Chloramine-resistant Silicone
Diaphragm	Nitrile and Nylon
Check Modules	Glass-Filled PPO
O-rings	Chloramine-resistant EPDM
Ball Valve Handles	Stainless Steel

Contact local water authorities for installation/service requirements.

See Backflow Catalog for dimensions and flow curves

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
- Internal sensing passage
- ASSE 1013 (other approvals pending)
- Lead-Free[†] option
- CSA B64.4
- Standard with Apollo full port ball valves with stainless steel handles
- Corrosion resistant
- Maximum working pressure 175 psig
- Operating temperature range 33°F-180°F
- Horizontal installation approvals on 1/2" through 2"
- 5 year, domestic warranty
- Designed, manufactured, assembled and tested in South Carolina, USA

4A [X] - 2 [X] [X] - T [X] [X]

	Y-Strainer	Size (in.)	Shut-Off Valve	Options (can be combined)
4A - Standard	0- Standard	3-1/2"	1- less ball valves	F- SAE threaded test cocks (standard 1/2, 3/4", 1")
4ALF - Lead Free [†]	1- w/ Y-strainer (shipped loose)	4-3/4"	2- w/ball valves (Standard)	L- lever handle (3/4" & 1" only)
		5-1"		LL -locking lever handles (1-1/4", 1-1/2", 2")*
		6-1-1/4"	4- w/union ball valves	LR -Locking round handles (1/2", 3/4", 1")*
		7-1-1/2"		
		8-2"		

Example:
4A-215-T4LR = 1" Reduced Pressure Backflow Preventer with strainer, union ball valves and round locking handles
* Locking handles not available on T3 options

