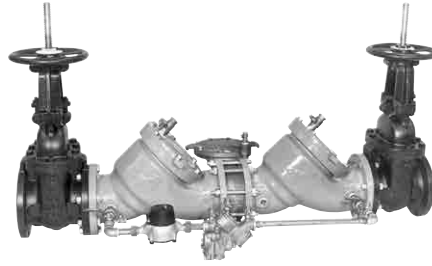


Series 909RPDA

Reduced Pressure Detector Assemblies

FOR USE ON FIRE LINES

Sizes: 2½" – 10" (65 – 250mm)



909RPDAOSY

Features

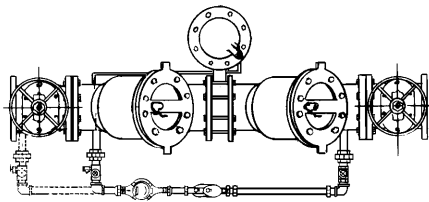
- Body construction fused epoxy coated cast iron
- Replaceable bronze seats
- Maximum flow at low pressure drop
- Compact for economy combined with performance
- Design simplicity for easy maintenance
- Furnished with 5/8" x 3/4" (16 x 19mm) meter
- Air-in/Water-out relief valve design provides maximum capacity during emergency conditions.
- No special tools required

Pressure-Temperature

Temperature Range: 33°F – 140°F
(0.5°C – 60°C)
Maximum Working Pressure: 175psi
(12.1 bar)

Materials

- Discs: Rubber
- Body: Epoxy coated cast iron
- Seat and Disc Holder: Bronze
- Trim: Stainless steel
- Test Cocks: Bronze



Note: Piping for 3" 909 will start from #1 gate valve and connect at #2 check valve.

909RPDA

Series 909RPDA Reduced Pressure Detector Assemblies are designed to protect drinking water supplies from dangerous cross-connections in accordance with national plumbing codes and water authority requirements for non-potable service applications such as irrigation, fireline, or industrial processing. This series is used in health hazard applications in accordance with local governing water utility code.

Benefits: Detects leaks with emphasis on the cost of unaccountable water; incorporates a meter which allow the water utility to:

- detect leaks that historically create great annual cost due to waste
- provide a detection point for unauthorized use. It can help locate illegal taps

Modular check design concept facilitates maintenance and assembly access. All sizes are standardly equipped with AWWA epoxy coated, UL/FM listed OSY resilient seated gate valves, CFM (cubic feet per minute) or GPM (gallon per minute) meter and ball type test cocks. A pressure differential relief valve is located in a zone between the check valves.

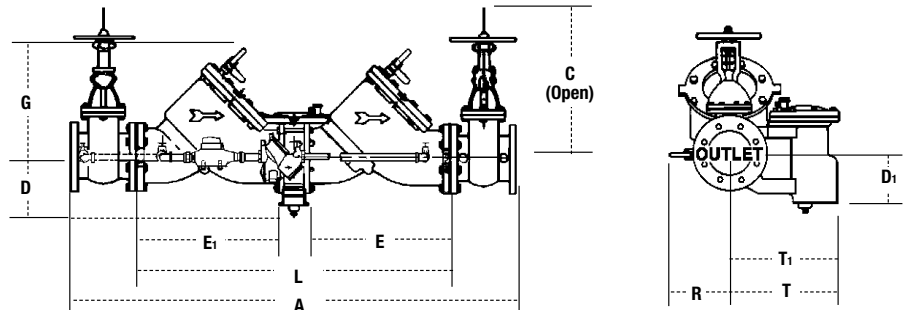
Models

- Suffix:**
OSY – UL/FM outside stem and yoke resilient seated gate valves
CFM – cubic feet per minute meter
GPM – gallons per minute meter
LF – less shutoff valves

Approvals



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



SIZE	DIMENSIONS												WEIGHT									
	A		C		D		D1		E, E1		G		L		R		T		T1		lbs.	kgs.
in.	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm		
2½	42½	1070	16¾	416	5¼	133	4¼	114	12	305	7	178	26½	664	14	356	9	229	7½	194	230	104
3	42½	1070	18⅞	479	5¼	133	4¼	114	12	305	7	178	26½	664	14	356	9	229	7½	194	230	104
4	55½	1400	22¾	578	6	152	5½	149	17	432	9½	241	37	940	15	381	13¾	346	11¾	299	470	213
6	66	1664	30⅞	765	6	152	6	152	20¾	527	14½	368	45	1130	16	406	13¾	346	11¾	299	798	362
8	78½	1994	37¾	959	9¾	248	8⅞	219	26	660	18½	470	55¼	1403	17	432	18½	470	16¾	416	1456	660
10	93¾	2378	45¾	1162	9¾	248	8⅞	219	32	813	21½	546	67½	1715	18	457	18½	470	16¾	416	2230	1012