

Series 992

Reduced Pressure Zone Backflow Preventers 4", 6", 8", 10"

FEATURES

- Replaceable bronze seats
- Fused epoxy coated & lined, ductile iron bodies
- Stainless steel reinforced sensing hose
- Stainless steel internal parts
- No special tools required for normal maintenance
- Captured spring assemblies
- Toggle style checks
- Resilient seated reduced bore gate valves

SPECIFICATIONS

A reduced pressure zone backflow prevention assembly shall be installed at each cross connection to prevent back-siphonage and backpressure backflow of hazardous materials into the potable water supply. The assembly shall consist of a pressure differential relief valve, accessible from either side of the assembly, located in a zone between two positive seating stainless steel check valves. The assembly shall feature captured stainless steel springs, replaceable bronze seats and seat discs. Springs shall be center stem guided. Access to each check module shall be through a top access bolted cover. The relief valve shall be compact bottom mounted with a single dis-

MODELS

992NRS RW = with non-rising stem resilient wedge gate valve shut offs

992OS&Y RW = with (UL/FM) outside stem & yoke resilient wedge gate valve shut-offs

MATERIALS

No. 992 sizes 4" - 10" have FDA approved epoxy coated ductile iron check valve bodies with replaceable bronze seats and bronze relief valve with stainless steel trim (4", 6") and FDA approved epoxy coated iron relief valve with stainless steel trim (8" & 10").

All sizes furnished with bronze body ball valve test cocks.

PRESSURE - TEMPERATURE

Suitable for supply pressure up to 175 psi and water temperatures to 110°F continuous, 140°F intermittent.

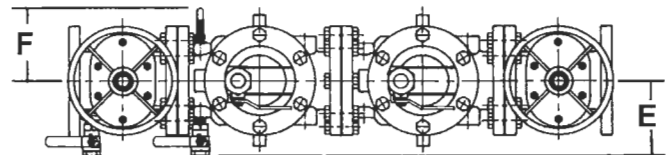
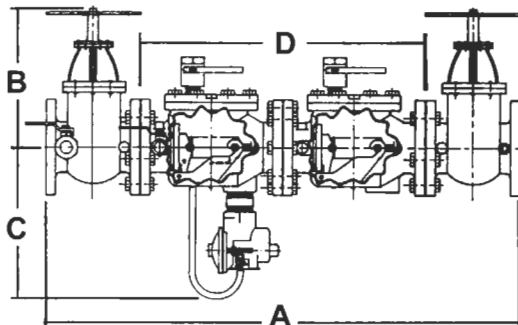
STANDARDS

ASSE 1013, AWWA C511, CSA B64

USC Manual For Cross Connection control 8th Edition

IAPMO PS31

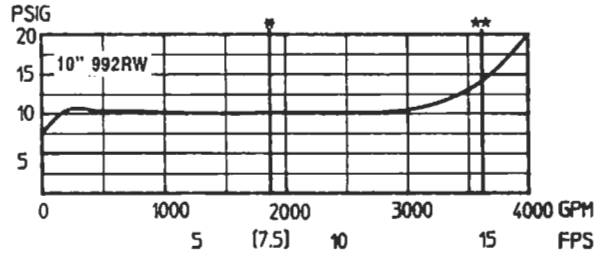
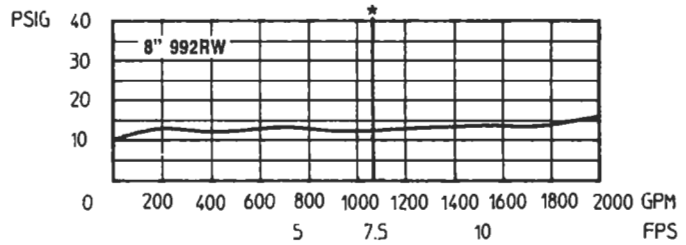
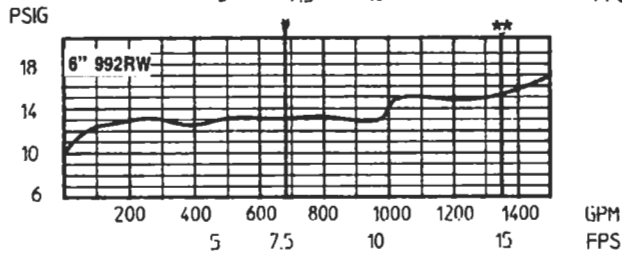
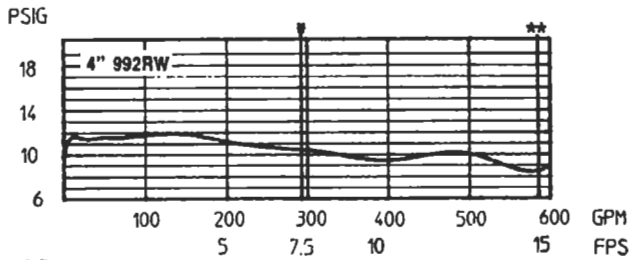
USC FCCC & HR Approved (4" & 10")



DIMENSIONS & WEIGHTS

Size (Inches)	Dimensions (Inches)									Weight (lbs.)		
	A	OS&Y RW	NRS RW	C	D	E	F	G	H	NRS RW	OS&Y RW	Optional Strainer 77FD-FDA
4	47.87	23.31	6.00	16.50	28.87	7.87	9.18	12.00	8.25	307	351	63
6	57.25	23.31	12.00	18.00	37.37	8.69	10.00	18.50	13.50	537	611	150
8	58.25	29.87	19.62	19.79	46.87	8.75	8.81	21.625	15.50	685	811	275
10	72.04	39.87	23.93	19.79	49.04	8.75	8.81	26.00	18.50	1147	1387	450

FLOW CURVES



Diagrams for this model are the same as Series 990/990RPDA. See that section for diagrams matching the kits below.

COMPLETE RUBBER

Complete Rubber Parts:

887978	RK 992 RT	4"
887979	RK 992 RT	6" - 8"
887980	RK 992 RT	10"

Kit consists of: two cover o-rings, four bolt o-rings, two disc assemblies, one relief valve diaphragm, relief valve cover o-ring, piston o-ring, relief valve seat disc and seat o-ring.

992 SERIES

EDP No.	Kit No.	Size
Relief Valve Total:		
887972	RK 992 VT	4"
887973	RK 992 VT	6" - 8"
887974	RK 992 VT	10"

Kit consists of: relief valve stem assembly, seat o-ring and cover o-ring.

Relief Valve Rubber Parts:

887969	RK 992 RV	4"
887970	RK 992 RV	6" - 8"
887971	RK 992 RV	10"

Kit consists of: relief valve diaphragm, piston o-rings, seat disc, seat o-ring and cover o-ring.

Complete Rubber Parts:

887001	RK 992RPDA RT	4"
887002	RK 992RPDA RT	6" - 8"
887003	RK 992RPDA RT	10"

Kit consists of: two cover o-rings, four bolt o-rings, two disc assemblies, one relief valve diaphragm, relief valve cover o-ring, piston o-ring, relief valve seat disc and seat o-ring.

992 RPDA SERIES

EDP No.	Kit No.	Size
Relief Valve Total:		
887997	RK 992RPDA VT	4"
887998	RK 992RPDA VT	6" - 8"
887999	RK 992RPDA VT	10"

Kit consists of: relief valve stem assembly, seat o-ring and cover o-ring.

Relief Valve Rubber Parts:

887994	RK 992RPDA RV	4"
887995	RK 992RPDA RV	6" - 8"
887996	RK 992RPDA RV	10"

Kit consists of: relief valve diaphragm, piston o-rings, seat disc, seat o-ring and cover o-ring.

RELIEF VALVE KITS

CHECK VALVE KITS

992 SERIES

EDP No.	Kit No.	Size
First Check Repair Kits:		
887960	RK 992 CK1	4"
887961	RK 992 CK1	6" - 8"
887962	RK 992 CK1	10"

Second Check Repair Kits:

887963	RK 992 CK2	4"
887964	RK 992 CK2	6" - 8"
887965	RK 992 CK2	10"

Kit consists of: spring assembly and cover o-ring.

Check Rubber Parts:

887966	RK 992 RC1	4"
887967	RK 992 RC1	6" - 8"
887968	RK 992 RC1	10"
887715	RK 992 RC2	4"
887716	RK 992 RC2	6" - 8"
887717	RK 992 RC2	10"

Kit consists of: cover o-ring, two bolt o-rings and disc assembly for one check.

Seat Kits:

887975	RK 992 S	4"
887976	RK 992 S	6" - 8"
887977	RK 992 S	10"

Kit consists of: seat and seat o-ring for one check.

992 RPDA SERIES

EDP No.	Kit No.	Size
First Check Repair Kits:		
887985	RK 992RPDA CK1	4"
887986	RK 992RPDA CK1	6" - 8"
887987	RK 992RPDA CK1	10"

Second Check Repair Kits:

887988	RK 992RPDA CK2	4"
887989	RK 992RPDA CK2	6" - 8"
887990	RK 992RPDA CK2	10"

Kit consists of: spring assembly and cover o-ring.

Check Rubber Parts:

887991	RK 992RPDA RC1	4"
887992	RK 992RPDA RC1	6" - 8"
887993	RK 992RPDA RC1	10"
887720	RK 992RPDA RC2	4"
887721	RK 992RPDA RC2	6" - 8"
887722	RK 992RPDA RC2	10"

Kit consists of: cover o-ring, two bolt o-ring and disc assembly for one check.

Seat Kits:

887982	RK 992RPDA S	4"
887983	RK 992RPDA S	6" - 8"
887984	RK 992RPDA S	10"

Kit consists of: seat and seat o-ring for one check.