

# WATTS 993

## SIZE

4", 6"

## DESCRIPTION

This is a reduced pressure assembly that was produced between 1998 and 1999. The internal check parts are similar to the Model 909. The relief valve is similar to the 990. The body is designed to provide an up and down piping arrangement. The check body is fused epoxy coated cast iron. Check springs are contained when the covers are removed. The check seats are replaceable. The relief valve utilizes an external sensing line. The relief valve body is made of bronze with a replaceable stainless steel seat. The relief valve spring is contained when the cover is removed.

## BASIC REPAIR KIT

The repair kit contains rubber discs, diaphragm, and O-rings.

### SIZE

4"

6"

### KIT NO

993-RT400 ♦

993-RT600 ♦

## IMPORTANT FEATURES

*~Contained springs*

*~Replaceable seats*

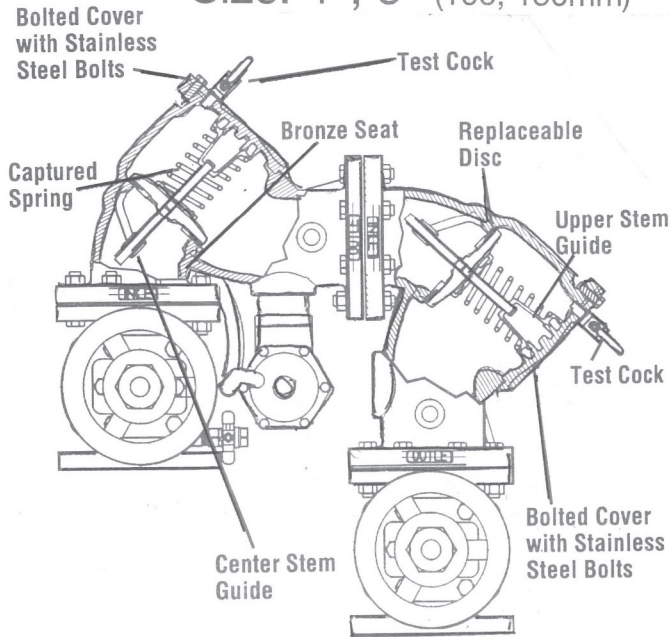
*~Factory repair information enclosed*



# Series 993

## Reduced Pressure Zone Backflow Preventer

Size: 4", 6" (100, 150mm)

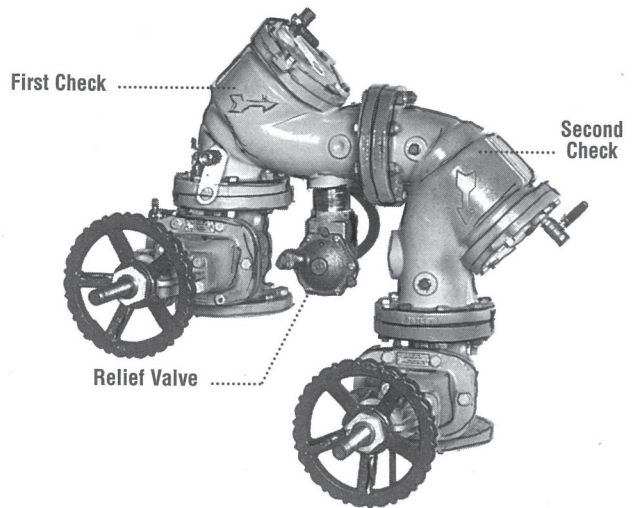


### MATERIALS

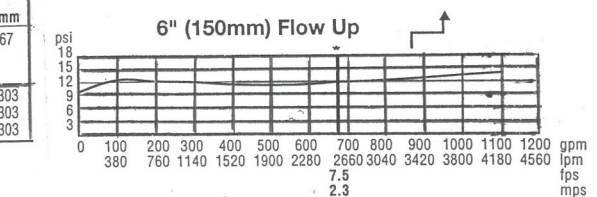
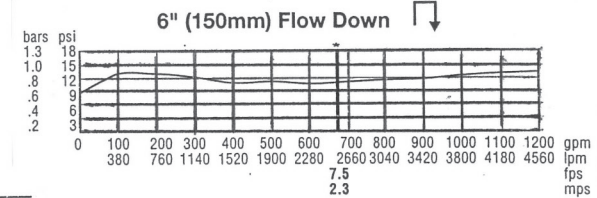
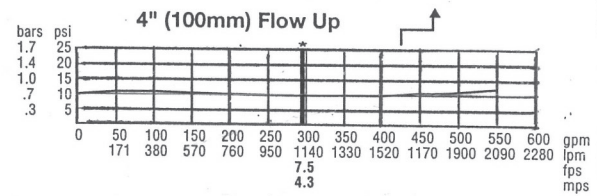
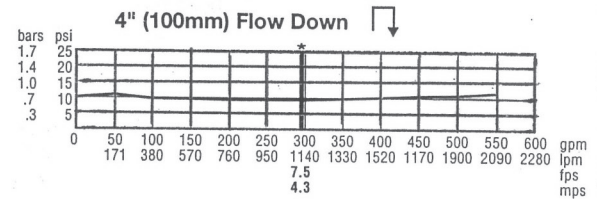
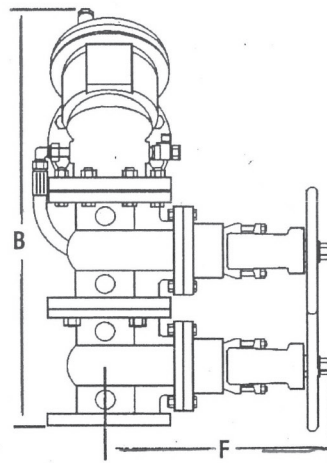
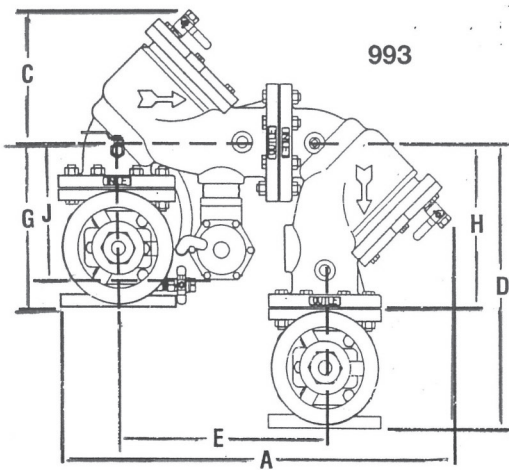
Series 993 have FDA approved epoxy coated cast iron check valve bodies with bronze seats and bronze relief valve with stainless steel trim.  
All sizes furnished with bronze body ball valve test cocks.

### PRESSURE - TEMPERATURE

Suitable for supply pressure up to 175 psi (12.1 bars) and water temperatures to 110°F (43°C).



### DIMENSIONS - WEIGHT (approximate)



Model	Size inches / mm	A inches / mm	B inches / mm	C inches / mm	D inches / mm	E inches / mm	F (open) inches / mm	F (close) inches / mm	G inches / mm	H inches / mm	J inches / mm
993-LF	4 / 100	30 3/4 / 781	—	10 / 250	—	16 1/4 / 413	23 3/4 / 603	19 7/8 / 489	12 3/4 / 324	12 1/2 / 318	10 1/2 / 267
993-OSY	4 / 100	32 1/4 / 819	31 1/4 / 803	10 / 250	21 1/4 / 549	16 1/4 / 413	15 1/4 / 387	15 1/4 / 387	12 3/4 / 324	—	—
993-NRS	4 / 100	32 1/4 / 819	31 1/4 / 803	10 / 250	21 1/4 / 549	16 1/4 / 413	15 1/4 / 387	15 1/4 / 387	12 3/4 / 324	—	—
993-LF	6 / 150	38 1/4 / 979	—	12 1/4 / 327	—	20 1/4 / 510	32 1/2 / 826	27 / 686	15 1/4 / 389	15 1/4 / 389	11 1/4 / 303
993-OSY	6 / 150	38 1/4 / 979	38 1/4 / 986	12 1/4 / 327	25 1/4 / 659	20 1/4 / 510	20 / 508	20 / 508	15 1/4 / 389	—	11 1/4 / 303
993-NRS	6 / 150	38 1/4 / 979	38 1/4 / 986	12 1/4 / 327	25 1/4 / 659	20 1/4 / 510	20 / 508	20 / 508	15 1/4 / 389	—	11 1/4 / 303

Model	Size inches / mm	Weight lbs. / kg.
993-LF	4 / 100	250 / 113
993-OSY	4 / 100	350 / 159
993-NRS	4 / 100	335 / 152
993-LF	6 / 150	350 / 159
993-OSY	6 / 150	425 / 193
993-NRS	6 / 150	410 / 186