

HERSEY DDC II

SIZE

3", 4", 6", 8", 10"

DESCRIPTION

This is a double check detector assembly. Production was begun approximately in 1975 and was discontinued in 2004. It utilizes an assembly similar to the Hersey model 2 for the main unit. The model FDC 3/4" is used on the bypass. In 1988 the end to end dimension of the main body on the 3" and 4" sizes were changed. The earlier model of the 3" was 5/8" shorter. The earlier model of the 4" was 1" shorter. The rubber repair parts are the same.

BASIC REPAIR KIT

Main valve repair kit contains all rubber discs, gaskets, and O-rings

<u>SIZE</u>	<u>KIT NO</u>
3"	63351
4"	63451
6"	63651
8"	63851
10"	63951

The bypass repair kit contains all rubber discs, O-rings, gasket and mounting screws

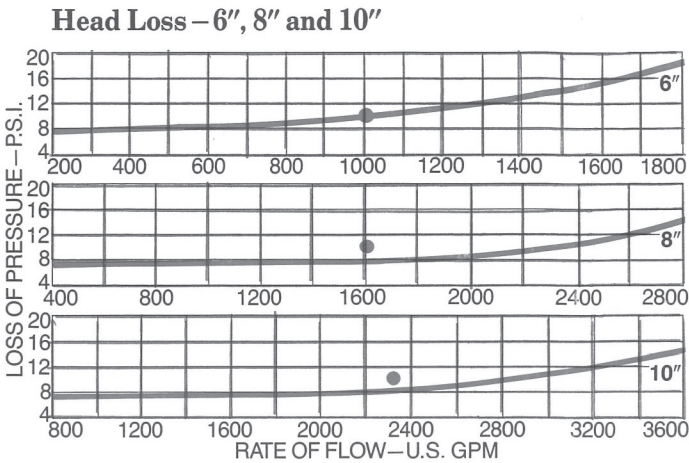
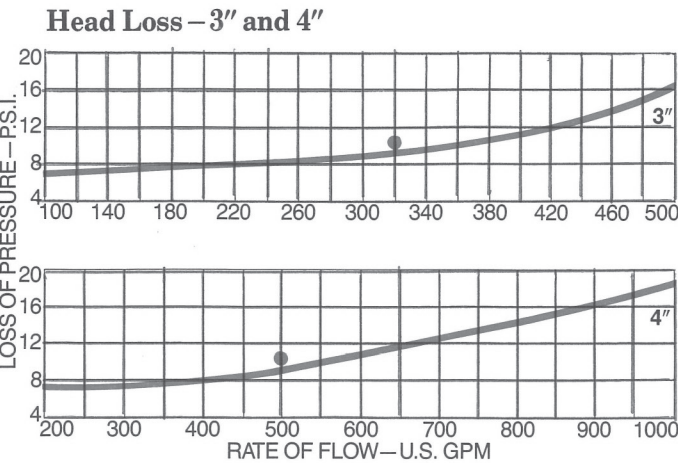
<u>SIZE</u>	<u>KIT NO</u>
3/4"	65671

IMPORTANT FEATURES

- ~Main valve see model 2
- ~Bypass unit see model FDC 3/4"
- ~Factory repair information enclosed



PERFORMANCE (Performance curves are typical only and not a guarantee of performance)



NOTE: ● Maximum Allowable Pressure Loss allowed by USC at indicated flow.

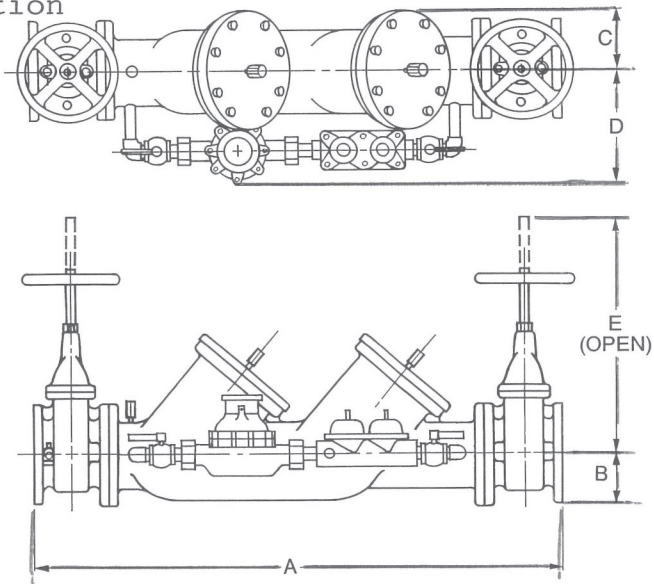
DIMENSIONS on 3" and 4" see description

SIZE	3"x3/4"	4"x3/4"	6"x3/4"	8"x3/4"	10"x3/4"
A	405/8"	471/2"	62"	751/2"	88"
B	4"	411/16"	53/4"	7"	81/2"
C	41/8"	411/16"	63/16"	83/8"	103/16"
D	95/8"	13"	141/4"	151/4"	161/4"
E (NRS)	135/8"	151/4"	197/8"	241/2"	293/4"
E (OS+Y)*	221/16"	25"	323/4"	411/2"	481/2"
Size of Test Cocks	1/2"	1/2"	3/4"	3/4"	3/4"

*OS+Y gate valve: "E" dimension open.

WEIGHTS

SIZE	3"x3/4"	4"x3/4"	6"x3/4"	8"x3/4"	10"x3/4"
Net Wt. No Valves, Lbs.	270	276	440	1010	1735
Net Wt. W/OS+Y Valves, Lbs.	300	494	815	1634	2685
Gross Wt. No Valves, Lbs.	290	316	530	1114	1900
Gross Wt. W/OS+Y Valves, Lbs.	330	576	905	1738	2860



MATERIALS AND SPECIFICATIONS

- Mainline case hot-dipped galvanized or epoxy-coated cast iron
- Bypass case bronze
- Bypass meter Hersey positive displacement or turbine meter
- Working parts (mainline) bronze and stainless steel
- Springs (mainline) stainless steel
- Valve discs (mainline) silicone rubber
- Maximum rated working pressure 175 psi
- Hydrostatic test pressure 350 psi
- Temperature range 33°-100°F

