

HERSEY 6 CM RPDA

SIZE

4", 6", 8", 10"

DESCRIPTION

This is a reduced pressure detector assembly. Production began in 1991 and was discontinued in 2004. It utilizes an assembly similar in construction to the 6CM on the main unit. The bypass is an 1 1/2" FRP II assembly.

BASIC REPAIR KIT

Mainline repair kit contains all rubber discs, diaphragm, gaskets, and O-rings.

<u>SIZE</u>	<u>KIT NO</u>	<u>AIR GAP DRAIN</u>
4"	63450	63358
6"	63650	63358
8"	63850	63858
10"	63950	63858

Bypass unit repair kit contains all rubber discs, diaphragms, gaskets, O-rings, and mounting screws

<u>SIZE</u>	<u>KIT NO</u>	<u>AIR GAP DRAIN</u>
FRPII 1 1/2"	65669	65640

IMPORTANT FEATURES

- ~Mainline unit see 6CM
- ~Bypass unit see FRP II 1 1/2"
- ~Factory repair information enclosed

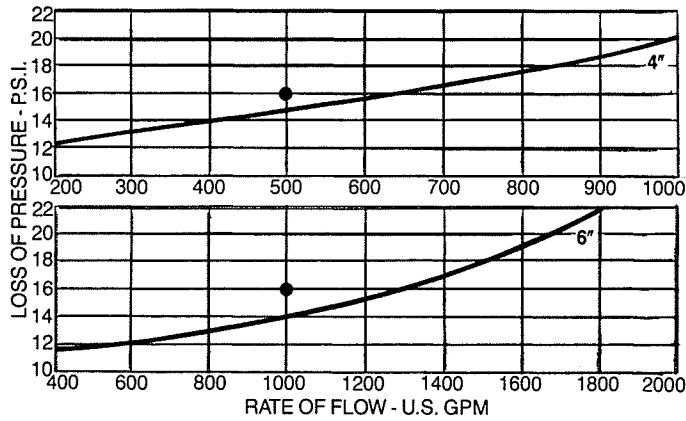


Model 6CM-RPDA

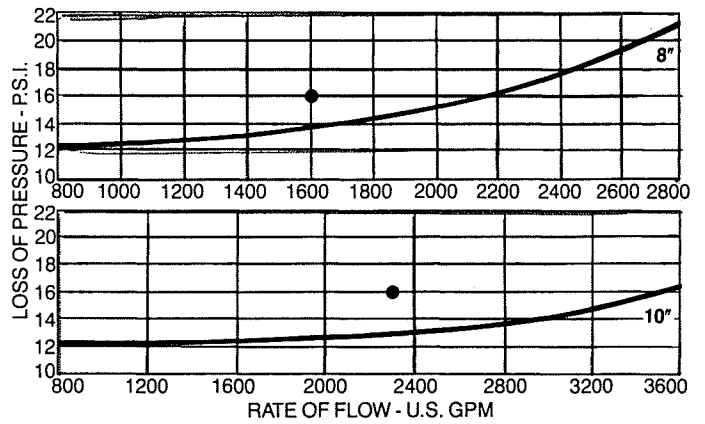
Reduced Pressure Detector Assembly

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

Head Loss - 4" and 6"



Head Loss - 8" and 10"



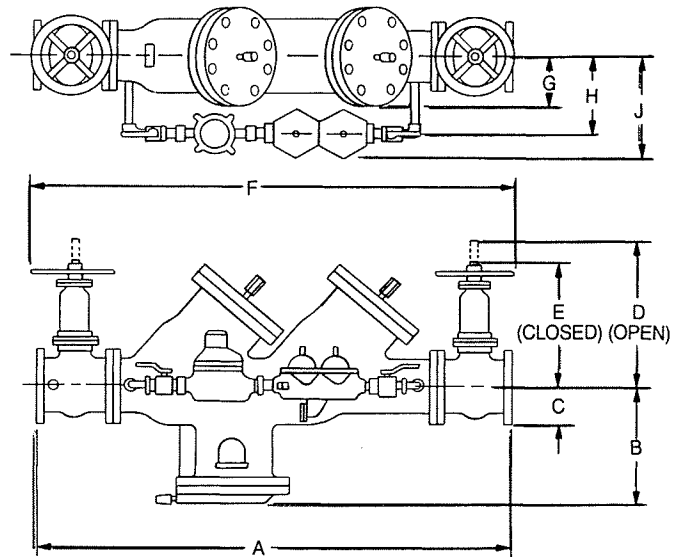
Note: • Maximum Allowable Pressure Loss allowed by USC at indicated flow.

DIMENSIONS

SIZE	4"	6"	8"	10"
A	47 1/2"	62"	75 1/2"	88"
B	10 3/4"	12"	21 1/4"	22 3/8"
C	4 1/2"	5 1/2"	7"	8 1/2"
D	25"	32 3/4"	41 1/2"	48 1/2"
E	20 3/4"	26 1/2"	32 1/2"	38"
F	48 3/4"	63 7/8"	78 1/4"	91 1/4"
G	5 1/4"	6 1/4"	8 1/2"	10 1/4"
H	10 5/8"	9 1/2"	11"	13"
J	13 3/8"	12 1/2"	13 3/4"	15 3/4"

WEIGHT

SIZE	4"	6"	8"	10"
Net Wt.	510	920	1850	2880
Gross Wt.	580	1075	2050	3200



MATERIALS AND SPECIFICATIONS

- Mainline body hot-dipped galvanized or epoxy-coated cast iron.
- Bypass body (FRP II) bronze
- Bypass meter Hersey Positive Displacement Meter
- Working parts (mainline) bronze and stainless steel
- Springs (mainline) stainless steel*
- Diaphragms (mainline) reinforced elastomer
- Check and relief valve discs (mainline) silicone rubber
- Maximum rated working pressure 175 psi
- Hydrostatic test pressure 350 psi
- Temperature range 33° - 100°F

*8" and 10" mainline, springs are carbon steel vinyl-coated.

