

# LAWLER RZ

## SIZE

3/4", 1", 1 1/4", 1 1/2", 2", 2 1/2", 3", 4", 6", 8", 10"

## DESCRIPTION

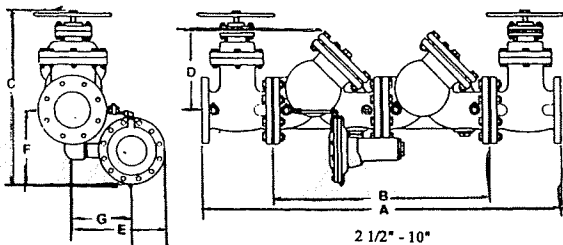
This is a reduced pressure assembly. The 3/4"-2" size is a bronze bodied unit. Check springs are contained when the covers are removed. Spring tension has to be released for proper repair. It uses an in-line check design. Check seats are cast in the body and are not replaceable. The relief valve is attached by an external sensing line. The relief valve assembly could be removed from the check body. The relief valve seat is replaceable. The 2 1/2"-10" is a galvanized cast iron body. Check springs may not be contained when the cover is removed. A visual inspection is necessary before the cover is removed. Check seats are replaceable on these sizes. The relief valve bodies are made of bronze and can be removed from the check body. The relief is connected by an external sensing line. The upper relief valve seat is replaceable.

## BASIC REPAIR KIT

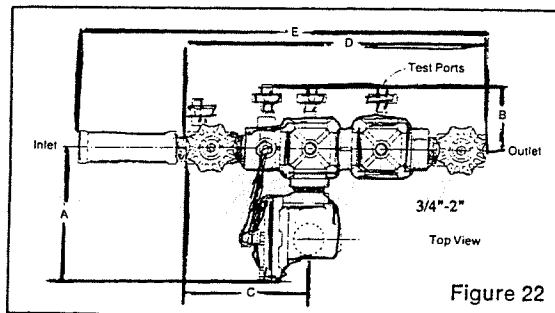
Repair kit contains all discs, diaphragm, cover gaskets, and O'ring.

SIZE	KIT NO	SIZE	KIT NO
3/4"	RZ3075 * ♦	2 1/2"	RZ10250 * ♦
1"	RZ4100 * ♦	3"	RZ12300 * ♦
1 1/4"	RZ5125 * ♦	4"	RZ16400 * ♦
1 1/2"	RZ6150 * ♦	6"	RZ24600 * ♦
2"	RZ8200 * ♦	8"	RZ32800 * ♦
		10"	RZ40100 * ♦

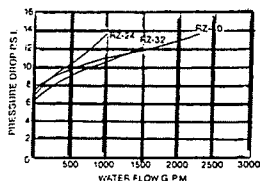
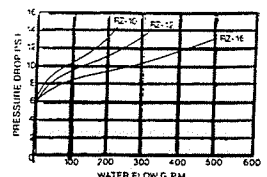
## Dimensions (Inches)



## DIMENSIONS (Inches)



## Capacity Curves Reduced Zone (RZ)



## INSTALLATION DIMENSIONS (inches)

### Reduced Zone Models

Model Number	Valve & Flange Size	A	B	C	D	E	F	G
RZ-10	2 1/2	32 3/4	17 3/4	19 1/2	6	7	8 3/4	5
RZ-12	3	36	20	23	7	11 1/2	10 1/2	8
RZ-16	4	47	29	24 3/4	10 1/2	11 1/2	11	7
RZ-24	6	57	36	29 3/8	13 1/2	11 1/2	12	7
RZ-32	8	66	43	35 1/8	16 1/2	12 1/2	13 1/2	7 3/8
RZ-40	10	77	51	40 1/8	19 1/4	12 1/2	14 1/4	7 3/8

### Reduced Zone Models

SIZE	Model No.	A	B	C	D	E*
3/4"	RZ-3 & RZ-3-S	5 3/8	2 1/8	5 1/4	12 1/8	17 1/8
1"	RZ-4 & RZ-4-S	5 3/8	2 1/8	5 3/8	13 3/8	18 3/8
1 1/4"	RZ-5 & RZ-5-S	6	3 3/8	6 1/8	16 3/8	22 3/8
1 1/2"	RZ-6 & RZ-6-S	6	3 3/8	6 3/4	17 3/8	24 3/8
2"	RZ-8 & RZ-8-S	7 1/8	3 3/8	7 3/8	20 3/8	28 1/4

\*Models with Strainers

### Lawler Reduced Zone Backflow Preventer

