

WATTS

909DDC/ 909 RPDA

SIZE

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

DESCRIPTION

This assembly is a reduced pressure detector assembly. The Model 909DDC began in 1987 and the 909RPDA began in 1990. The main assembly of the 909 DDC is similar to the Model 909. The 909RPDA is similar to the 909M1. The bypass design is either the Watts 909 3/4", Watts Model 009 3/4" or the 009 M2 3/4". Check the name plate on the bypass unit to be sure which model you have.

BASIC REPAIR KIT

Main line repair kit contains discs, diaphragm, and O-rings.

<u>SIZE</u>	<u>909DDC</u> <u>KIT NO</u>	<u>SIZE</u>	<u>909 RPDA</u> <u>KIT NO</u>
2 1/2"-3"	LF909-RT250	2 1/2"-3"	LF909-RT250
4"	LF909-RT400	4"	LF909-RT400
6"	LF909-RT600	6"	LF909-RT600
8"	LF909-RT800	8"	LF909M1-RT800
10"	LF909-RT001	10"	LF909M1-RT001

Bypass repair kit contains all disc holders, diaphragms, and O-rings.

<u>MODEL</u>	<u>SIZE</u>	<u>KIT NO</u>	<u>AIR GAP</u> <u>DRAIN</u>
909	3/4"	LF909-RT075	AGC
009	3/4"	009-RT075	AGC
009M2	3/4"	009M2-RT075	AGA

IMPORTANT FEATURES

~Main line assembly see Watts 909 or 909 M1

~Bypass assembly see Watts 909 3/4"

~Bypass assembly see Watts 009 3/4" or 009 M2 3/4"

~Factory repair information enclosed



Series 909RPDA

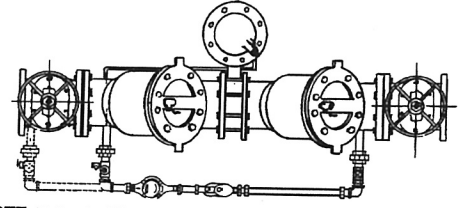
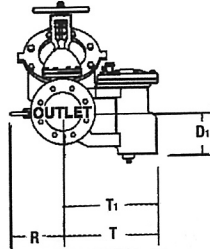
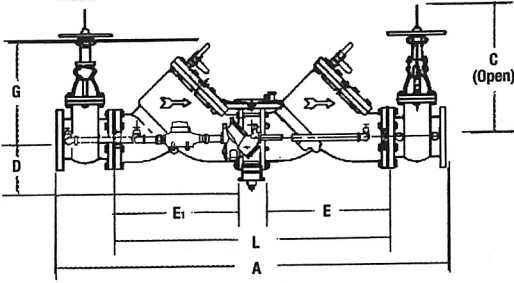
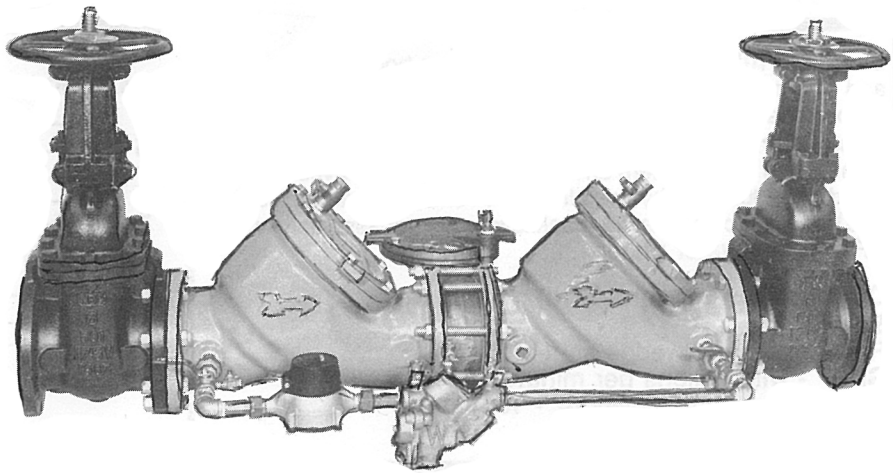
sizes 2 1/2-10"

Materials

- Discs: Rubber
- Body: Epoxy coated cast iron
- Seat and Disc Holder: Bronze
- Trim: Stainless steel
- Test Cocks: Bronze

Pressure – Temperature

Temperature Range: 33°F – 140°F (5°C – 60°C) continuous
 Maximum Working Pressure: 175psi (12.06 bar)



NOTE: Piping for 3" 909 will start from #1 gate valve and connect at #2 check valve.

SIZE (DN)		DIMENSIONS											WEIGHT														
		C									clearance for check		R		R (QT)		T		NRS		OSY		QT				
in.	mm	A	A1	(OSY)*	(NRS)	D	L	U	R	R (QT)	T	lbs.	kgs.	lbs.	kgs.	lbs.	kgs.	lbs.	kgs.	lbs.	kgs.						
2 1/2	65	41 1/4	1048	20 3/4	524	16 3/4	416	9 1/4	238	5 1/4	133	26 1/4	663	11	279	4	102	16	406	9 1/16	230	195	88.4	198	89.8	182	82.6
3	80	42 1/4	1073	21 1/4	540	18 1/4	479	10 1/4	260	5 1/4	133	26 1/4	663	11	279	5	127	16	406	9 1/16	230	225	102	230	104	190	86
4	100	55 1/4	1400	27 1/4	702	22 1/4	578	12 1/4	310	6	152	37	940	14	356	6	152	19 3/4	502	14 3/8	365	455	206	470	213	352	160
6	150	66	1664	33	832	30 1/4	765	16	406	6	152	45	1130	16	406	11	279	26	660	14 3/8	365	718	326	798	362	762	346
8	200	78 1/2	2000	39 3/4	1000	37 3/4	959	19 1/4	506	9 3/4	248	55 1/4	1403	21	533	11 1/4	286	11 1/4	286	19 1/4	489	1350	612	1456	660	2286	1037
10	250	93 3/4	2378	46 3/4	1190	45 3/4	1162	23 1/4	605	9 3/4	248	67 3/4	1711	21	533	12 1/2	318	12 1/2	318	21	533	2160	980	2230	1011	3716	1685

*UL, FM approved backflow preventers must include UL/FM approved OSY gate valves.

Capacity

*Typical maximum flow rate (7.5 feet/sec.) **UL rated flow

