### Reference Manual



R Co. Parts
Replacement Parts

The Source, Inc.

PO Box 150267 Ogden, UT 84415

Phone-801.326-4155

Fax-801.326.4277

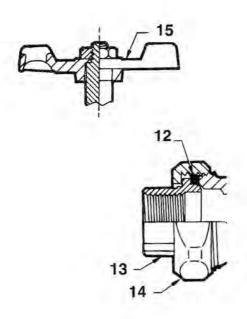
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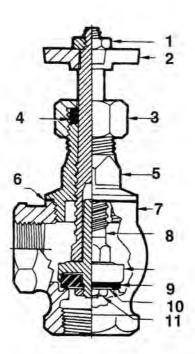
thesource@thesource-online.com

# OTAZP-0

#### 100, 200, 300 Series 3/4" - 2" Brass Manual Valves



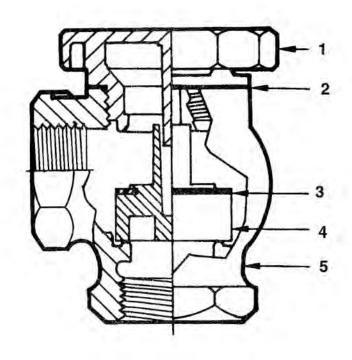




Item #	Description	3/4"	1"	11/4"	11/2"	2"
1	Handle Nut	RCO230002	RCO230002	RCO230003	RCO230003	RCO230003
2	Cross Handle	RCO130001	RCO130001	OBSOLETE	OBSOLETE	OBSOLETE
3	Packing Nut	V3075	V3100	OBSOLETE	OBSOLETE	OBSOLETE
4	Packing	RCO110104	RCO110104	OBSOLETE	OBSOLETE	OBSOLETE
5	Bonnet	V5075	V5100	V5125	V5150	V5200
6	Gasket	RCO340000	RCO340001	RCO340002	RCO340003	RCO340004
7	Body, Angle with Union (300)	V193062075	V193062100	V193062125	V193062150	V193062200
	Body, Angle (200)	V152062075	V152062100	V152062125	V152062150	V152062200
	Body- Straight (100)	V151062075	V151062100	V151062125	V1510620150	V151062200
8	Stem (includes swivel)	V23RS075	V23RS100	V23RS125	V23RS150	V23RS200
9	Seat Washer	V9075	V9100	V9125	V9150	V9200
10	Brass Washer (1 1/4" and large	r) OBSOLETE	OBSOLETE	OBSOLETE	OBSOLETE	OBSOLETE
11	Nut	RCO230005	RCO230005	RCO230006	RCO230006	RCO230006
12	Union Gasket	V16W075	V16W100	V16W125	V16W150	V16W200
13	Union Tail Piece	V16075	V16100	V16125	V16150	V16200
14	Union Nut	V17075	V17100	V17125	V17150	V17200
15	Wheel Handle	V18100	V18100	V18200	V18200	V18200
Repair	Kit	100				
Include	es items # 4, 6, 9	RPK #80	RPK #81	OBSOLETE	OBSOLETE	OBSOLETI



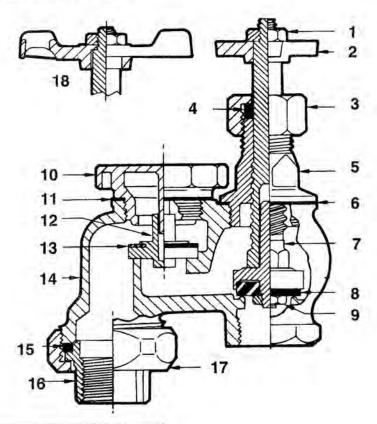
### 162, 262, 362 Series CHAMPION 3/4" - 2" Atmospheric Vacuum Breakers



Item #	Description	3/4"	1"	11/4"	11/2"	2"
1	Cap	V11075	V11100	V11125	V11150	V11200
2	Gasket	RCO340000	RCO340001	RCO340002	RCO340003	RCO340004
3	Float Washer	V13075	V13100	V13125	V13150	V13200
4	Float	V14075	V14100	V14125	V14150	V14200
5	Body, Angle w/Union (362)	V193062075	V193062100	V193062125	V193062150	V193062200
	Body, Angle (262)	V152062075	V152062100	V152062125	V152062150	V152062200
	Body- Straight (162)	V151062075	V151062100	V151062125	V151062150	V151062200
Repair I	Kit San					
Include	s items # 2, 3, 4	RPK #75	RPK #76	RPK #77	RPK #78	RPK #79

## 466 Series 3/4" - 1" Brass Combination Valve and Vacuum Breaker

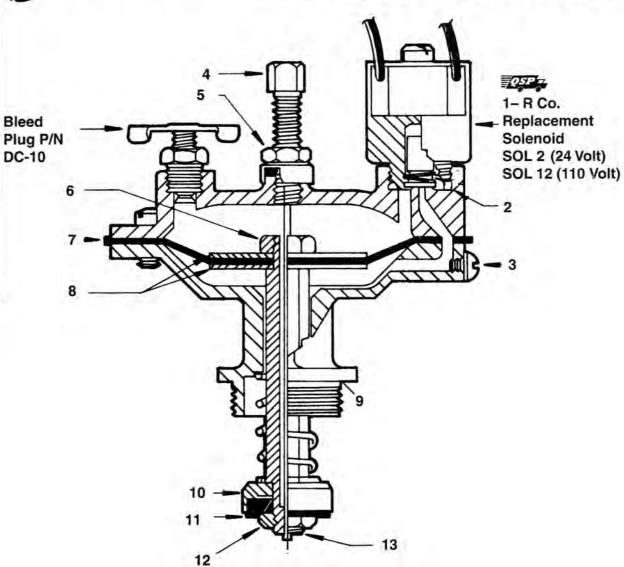




Item #	Description	3/4"	-1"
1	Handle Nut	RCO230002	RCO230002
2	Cross Handle	RCO130001	RCO130001
3	Packing Nut	V3075	V3100
4	Packing	RCO110104	RCO110104
5	Bonnet	V5075	V5100
6	Gasket	RCO340000	RCO340001
7	Stem (includes swivel)	V23RS075	V23RS100
8	Seat Washer	V9075	V9100
9	Nut	RCO230005	RCO230005
10	Cap	V11075	V11100
11	Gasket	RCO340000	RCO340001
12	Float	V1466075	V1466100
13	Float Washer	V13075	V13100
14	Body	V19466P075	V19466P100
14	Body with Union	V19466075	V19466100
15	Union Gasket	V16W075	V16W100
16	Union Tail Piece	V16075	V16100
17	Union Nut	V17075	V17100
18	Wheel Handle	V18100	V18100
Valve Re	epair Kit		
Includes	items # 4, 6, 8	RPK #80	RPK #81
	Breaker Repair Kit items # 11, 12, 13	RPK #72	RPK #73

CIAZP-02

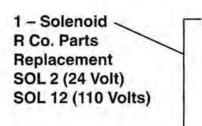
### EA Series 3/4" - 1" Electric Conversion Adapters

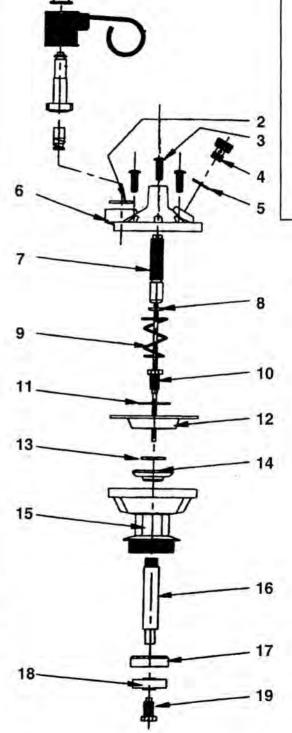


Item #	Description	3/4"	1"
1	Solenoid 24 Volt	SOL 2	SOL 2
	Solenoid 110 Volt	SOL 12	SOL 12
2	Solenoid O-Ring	RCO110005	RCO110005
3	Bleed Screw	CHAV7A	CHAV7A
4	Adjusting Screw with P	in OBSOLETE	OBSOLETE
5	Retaining Nut	OBSOLETE	OBSOLETE
6	Diaphragm Nut	OBSOLETE	OBSOLETE
7	Diaphragm	CHAV5	CHAV5
8	Diaphragm Washer	CHAV16	CHAV16
9	Gasket	RCO340000	RCO340001
10	Seat Washer Retainer	CHAV11075	CHAV11100
11	Seat Washer	RC0110113	RCO110114
12	Nut	OBSOLETE	OBSOLETE
13	Metering Rod, Stainles	SOBSOLETE	OBSOLETE
Repair I	Kit E		
Includes	items # 2, 7, 9, 11	<b>RPK #85</b>	RPK #86

### AA Series 3/4" - 1" Electric Conversion Adapters







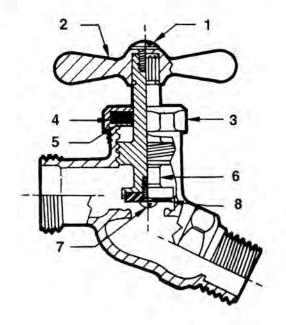
OT450-02

Item #	Description	3/4"	1"
1	Solenoid 24 Volt	SOL 2	SOL 2
	Solenoid 110 Volt	SOL 12	SOL 12
2	Solenoid O-Ring	RCO110005	RCO110005
3	Screw	AA-121-7510	AA-121-7510
4	Bleed Screw	RCO730001	RCO730001
5	Bleed Screw O-Ring	RCO110001	RCO110001
6	AA Bonnet	AA-101-7510	AA-101-7510
7	Flow Adjustment Stem	N/A	N/A
8	Flow Adjustment O-Ring	N/A	N/A
9	Diaphragm Spring	AA-115-7510	AA-115-7510
10	Top Screw, Gray	AA-109-T	AA-109-T
11	Diaphragm Washer	AA-136-7510	AA-136-7510
12	Diaphragm	AA-107-7510	AA-107-7510
13	Diaphragm O-Ring	AA-132-7510	AA-132-7510
14	Diaphragm Support	AA-108-7510	AA-108-7510
15	Base	AA-103-075	AA-103-100
16	Stem Assembly	AA-106	AA-106
17	Cup	AA-111-075	AA-111-100
18	Seat Washer	AA-113-075	AA-113-100
19	Meter Screw	AA-109	AA-109
Repair	Kit		
Include	s 5, 10, 12, 13, 18, 19	RK-17C	RK-17C



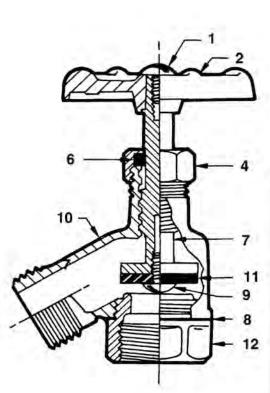


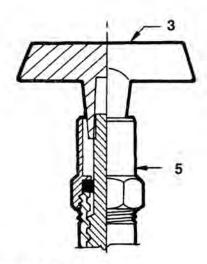
#### HB Series 1/2" - 3/4" Brass Hose Bibbs B-400 Series 1/2" - 1" Garden Valves



#### HB Series 1/2" - 3/4" Brass Hose Bibbs

Item #	Description	1/2" - 3/4"
1	Handle Screw	HB-1
2	T-Handle	HB-2
3	Packing Nut	HB-3
4	Packing, Buna N	HB-4
5	Washer, Brass	HB-5
6	Stem	HB-6
7	Bottom Screw	HB-7
8	Seat Washer, Buna-N	HB-8





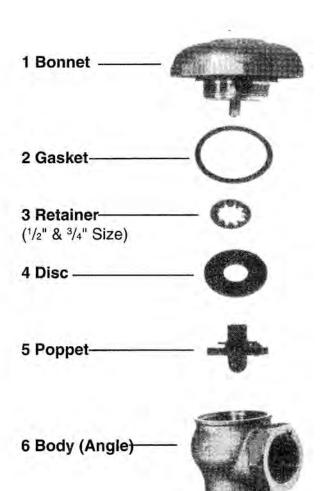
B-400 Series 1/2" - 1" Garden Valves

Item #	Description	1/2"	3/4"	1"
1	Handle Screw	OBSOLETE	OBSOLETE	OBSOLETE
2	Oval Wheel Handle	GV-2	GV-2	GV-2
3	Loose Key Handle	GVLK-2	GVLK-2	GVLK-2
4	Packing Nut	GV-3	GV-3	GV-3
5	Loose Key Packing No	ut GVLK-3	GVLK-3	GVLK-3
6	Packing Composition	GV-4	GV-4	GV-4
7	Stem	GV-5	GV-5	GV-5
8	Body Gasket, Fiber	RCO340000	RCO340000	RCO340000
9	Bottom Screw for Ster	MOBSOLETE	OBSOLETE	OBSOLETE
10	Garden Valve Body	N/A	N/A	N/A
11	Seat Washer, Buna N	GV-9	GV-9	GV-9
12	Base Nut	GV-10-1	GV-10-2	GV-10-3

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#### 710, 715 ½" – 2" Atmospheric Vacuum Breaker



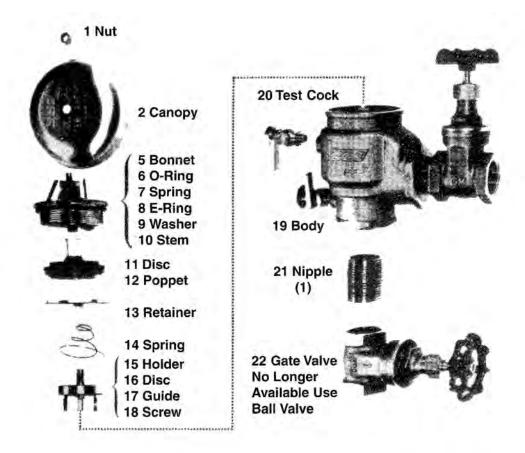


Fig#	Description	71	5		7	10	
		1/2"	3/4"	1"	11/4"	11/2"	2"
	Bonnet - R.B.	901-217	901-217	901-250	901-251	901-252	901-253
1	Bonnet - P.C.	N/A	N/A	N/A	N/A	N/A	N/A
	Repair Kit (Includes 2,3,4,5)	905-046	905-046	901-549	901-550	901-551	901-552





### 765 1/2" – 11/4" Pressure Vacuum Breaker

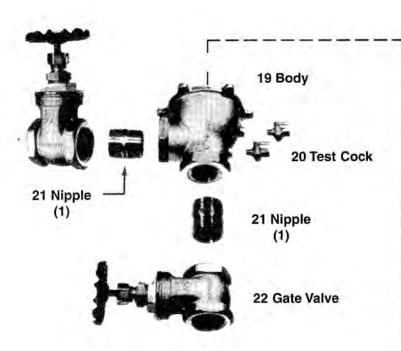


Fig#	Description	Qty.	1/2"	3/4"	1"	1 1/4"
4	Nut		FB 523-533-00	FB523-533-00	FB 523-543-00	FB52354300
2	Canopy	-	FB 300-092	FB300-093	FB 300-089	FB300-089
6	O-Ring	==:	See Kit	See Kit	RCO110038	RCO110038
13	Retainer	2	FB 300-096	FB 300-096	FB 300-088	FB 300-088
14	Spring	-114-	FB 630-108	FB 630-108	FB 630-106	FB 630-106
20	Test Cock	2	RC0730000	RC0730000	RCO730004	RC0730004
22	Ball Valve	2	FB781-047	RCO730005	RCO730006	RC0730007
Assemb	lies/Kits					
Rubber F	Parts (6, 11, 16)		FB 905-020	FB 905-020	FB 905-021	FB 905-021
Annual State of the Park of th	ssembly (5 - 10)	)	FB 905-047	FB 905-047	FB 905-048	FB 905-048
Poppet A	ssembly (11, 12	)	FB 905-049	FB 905-049	FB 905-050	FB 905-050
the street of the street of the street of the	ssembly (15 - 18		FB 905-051	FB 905-051	FB905-052	FB 905-052

## H H B C C

### 765 1½" – 2" Pressure Vacuum Breaker





Fig#	Description	Qty.	11/2"	FB2"
1	Nut	•	FB720-035	FB720-035
2	Canopy		FB 300083	FB300-083
4	Bolt	6	FB700-018	FB700-018
6	O-Ring	-	FB568-247	FB 568-247
14	Spring	= - * 1	FB630-063	FB630-063
20	Test Cock	2	RC0730004	RCO730004
22	Gate Valve	2	RCO730008	RC0730009
Repair I	Cits			
Bonnet/	Kit (3, 5, 6, 7, 8,	9, 10)	FB 901-857	FB 901-857
Poppet	(11, 12)		FB 901-860	FB <b>901-860</b>
Rubber	Parts Kit (6, 11,	16)	FB <b>905-022</b>	FB 905-022
Chack E	Repair Kit (6, 13,	15-18	ED 905-070	FB <b>905-070</b>

1 Nut



2 Canopy

3 Nut



₹ 4 Bolt

5 Bonnet



6 O-Ring

7 Spring

8 E-Ring 9 Washer

10 Stem



11 Disc-Top



12 Poppet



13 Retainer



14 Spring



15 Holder



16 Disc-Bottom



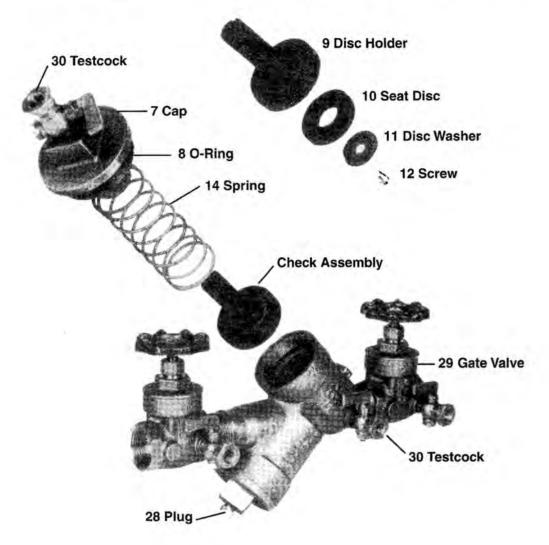
17 Guide



18 Nut



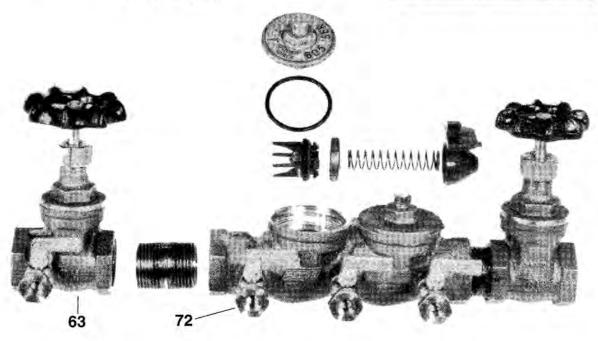
### 805Y 3/4" - 2" Double Check Backflow Preventer

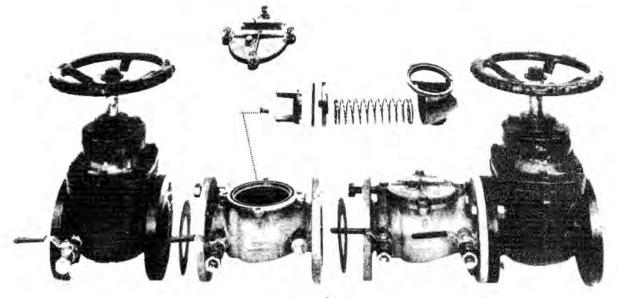


Fig#	Description	3/4"	1"	11/2"	2"
7	Cap	FB101-028	FB101-028	FB101-034	FB101-034
8	O-Ring	RCO110029	RCO110029	OBSOLETE	OBSOLETE
14	Spring	FB 630-115	FB 630-115	FB630-118	FB630-118
28	Plug	N/A	N/A	N/A	N/A
29	Ball Valve	RC0730005	RCO730006	RC0730008	RC0730009
30	Testcock	RCO730000	RC0730000	RCO730004	RCO730004
Repair I	Kits				
Rubber	Parts (#8 & qty	2 #10) FB905042	FB905-042	FB 905-053	FB905-053
Check A	Assy. (#8,9,10,11	,12) FB905-044	FB 905-044	FB 905-055	FB905-055
				A 12 14 15 15	
Note: Fel	bco no longer supp	lies 805Y units with	gate valves, use	e ball valves as	replacement.

### 805 3/4" - 4" Double Check Backflow Preventer







100,00		-
FI	O	N

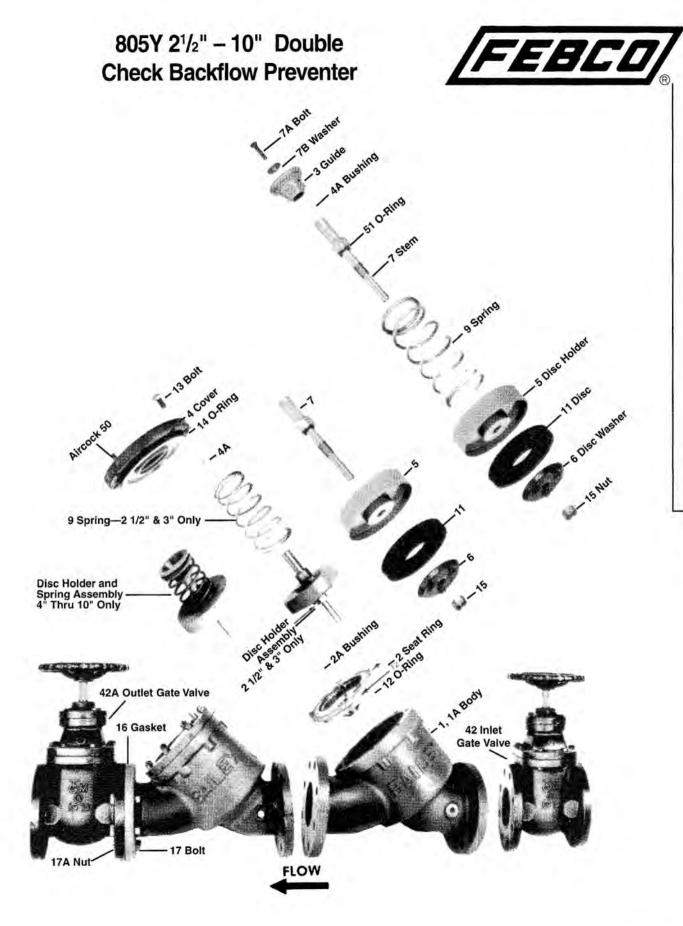
Item #	Description	3/4"	1"	1 1/2"	2"	3"	4"
63	Ball Valve	FB781053	FB781054	FB781056	FB781057	N/A	N/A
72	Testcock	RCO730000	RCO730000	RCO730004	RCO730004	781-047	781-047
Repair	Kits/Assemblies			-0.00			
Check k	Kit	FB905315	FB905315	905-027	905-027	905-028	905-029
Rubber	Parts Kit	N/A	N/A	902-392	902-392	902-353	902-398
Large N	Nounting Kit	N/A	N/A	N/A	N/A	905-037	905-038
Cover K	(it with Name Plate	N/A	N/A	N/A	N/A	N/A	N/A
Cover K	it	902-389	902-389	902-391	902-391	N/A	N/A





### 805Y 2<sup>1</sup>/<sub>2</sub>" - 10" Double Check Backflow Preventer

Fig#	Description	Qty.	21/2"	3"	4"	6"	8"	10"
2	Seat Ring	2	902386	902385	902384	902383	902382	902381
2A	Bushing	2	780-280	780-280	780-281	780-281	780-282	780-282
3	Guide	2	N/A	N/A	190001	190002	190003	190004
4	Cover	2	902497	902498	902499	902500	902501	902502
4A	Bushing	2	780-312	780-312	780-313	780-313	780-313	780-313
5	Disc Holder	2	190013	190014	S	ee Check As	sembly	Hayber all bearing
6	Disc Washer	2	190016	190017	S	ee Check As	sembly	
7	Stem	2	780-332	780-333	780-334	780-335	780-336	780-337
7B	Washer	2	N/A	N/A	780-338	780-338	780-338	780-338
9	Spring		780-341	780-342	780-343	780-344	780-345	780-346
11	Seat Disc	2	905059	905060	905061	905062	905063	905064
12	O-Ring	2	568-238	568-246	568-254	568-264	568-273	740-095
14	O-Ring	2	568-244	568-252	568-263	568-272	568-451	740-102
16	Gasket	3	780-365	780-366	780-367	780-368	780-369	780-370
17	Bolt	12	905036	905037	905038	905039	905040	905031
17A	Nut	12	905036	905037	905038	905039	905040	905031
40	Plug Cock	4	781047	781047	781047	780126	780126	780126
42	Gate Valve-Tapped		780-195	780-164	780-165	780-196	780-197	780-298
42A	Gate Valve	-	780-182	780-145	780-146	780-183	780-184	780-299
50	Aircock	2	780-416	780-416	780-416	780-416	780-416	780-416
51	O-Ring	2	N/A	N/A	RCO110026	RCO110026	568-118	568-118
Assemb	olies/Kits							
Rubber	Parts (11, 14)		905-059	905-060	905-061	905-062	905-063	905-064
Seat Kit	(2, 2A, 2B, 12)		902-386	902-385	902-384	902-383	902-382	902-381
	inting Kit		005 000	005007	005 000	005 000	005.040	005 044
(16, 17,	17A; Both Ends)		905-036	905037	905-038	905-039	905-040	905-041
# 1 Che	ck Assembly		905085	905087	902466	902468	902470	902472
# 2 Che	ck Assembly		905086	905088	902467	902469	902471	902473





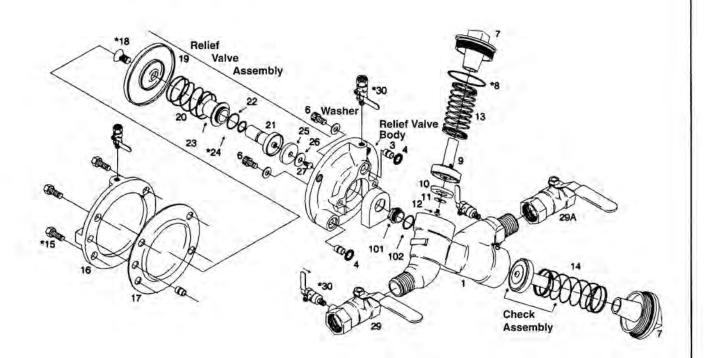
### 825Y and 825YA 3/4" - 2" Reduced Pressure Backflow Preventer

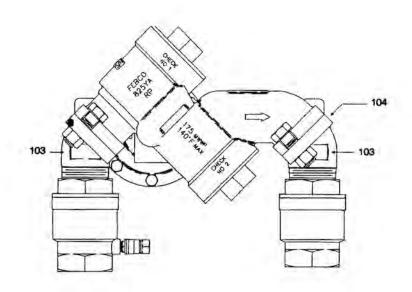
Fig#	Description	Qty.	3/4"_	1"	11/4"	11/2"	2"
3	Bushing	1	500-290	500-290	500-290	500-290	500-290
7	Cap	2	101-028	101-028	101043	101-034	101-034
8	O-Ring	2	RCO110029	RCO110029	RCO110029	568-235	568-235
13	Spring (Inlet)	1	630-114	630-114	630-114	630-137	630-137
14	Spring (Outlet)	1	630-115	630-115	630-115	630-118	630-118
16	Cover	1	101-029	101-029	101-046	101-035	101-035
29	Ball Valve	2	781053	781054	781055	781056	781057
30	Testcock	4	RCO730000	RCO730000	RC0730004	RCO730004	RC0730004
PHECK A	alve Rubber						
ncludes	and a fee of a state of a second	2 ea.	905-042	905-042	905-042	905-053	905-053
ncludes	and a fee of a state of a second	2 ea.	905-042	905-042	905-042	905-053	905-053
ncludes Relief Va	: 8, 10	2 ea. 1 ea.	905-042	905-042 905-043	905-042 905-043	905-053 905-054	905-053 905-054
ncludes Relief Vancludes	: 8, 10 alve Rubber						
ncludes Relief Vancludes Check V	: 8, 10 alve Rubber : 17, 22, 24, 25						
ncludes Relief Vancludes Check V	: 8, 10 alve Rubber : 17, 22, 24, 25 alve Assembly	1 ea.	905-043	905-043	905-043	905-054	905-054

## F H B C O

#### 825Y and 825YA 3/4" - 2" Reduced Pressure Backflow Preventers

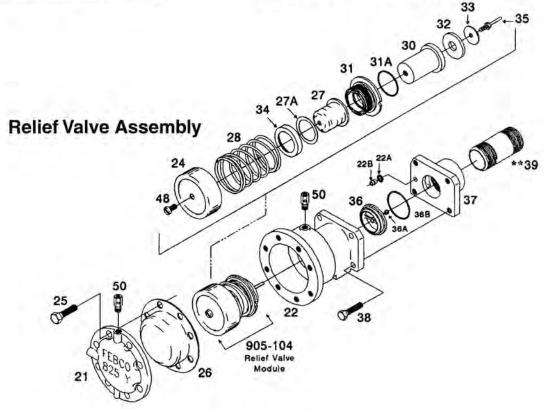








### 825Y 2<sup>1</sup>/<sub>2</sub>" - 10" Reduced Pressure Backflow Preventer

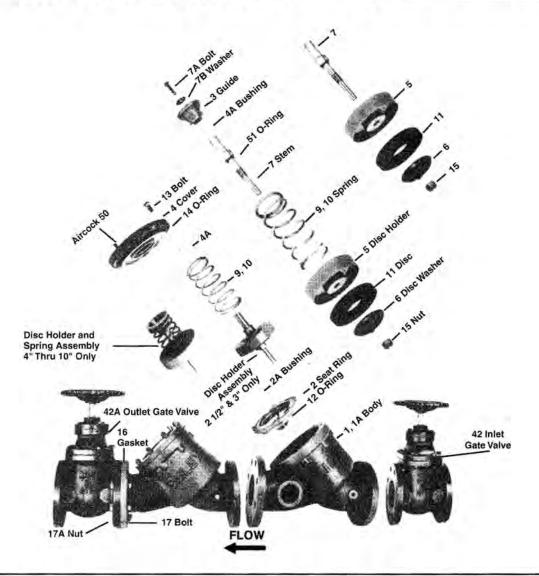


Fig#	Description	Qty	. 21/2"	3"	4"	6"	8"	10"
2	Seat Ring	2	902386	902385	902384	902383	902382	902381
2A	Bushing	2	780-280	780-280	780-281	780-281	780-282	780-282
4	Cover	2	902497	902498	902499	902500	902501	902502
4A	Bushing	2	780-312	780-312	780-313	780-313	780-313	780313
10	Spring Inlet	-	780-349	780-350	780-351	780-352	780-353	780-354
12	O-Ring	2	RCO110025	568-246	568-254	568-264	568-273	740-095
14	O-Ring	2	568-244	568-252	568-263	568-272	568-451	740-102
16	Gasket	3	905036	905037	905038	905039	905040	905041
17	Bolt	12	905036	905037	905038	905039	905040	905041
17A	Nut	12	905036	905037	905038	905039	905040	905041
21	Diaphragm Cover	-	780-372	780-372	780-372	780-372	780-372	780-372
23	Diaphragm Spacer	•	905100	905100	905100	905101	905101	905101
24	Diaphragm Button	112	905100	905100	905100	905101	905101	905101
28	Spring	-	780-385	780-385	780-385	780-385	780-385	780-385
29	Spring Button	1 +	905100	905100	905100	905101	905101	905101
30	Main Stem	-	780-391	780-391	780-392	780-392	780-392	780-392
39	O-Ring	-	RC0110014	RC0110014	RC0110020	RCO110020	RCO110020	RCO110020
40	Plug Cock	4	781047	781047	781047	781047	781047	781047
42	Gate Valve-Tapped		OBSOLETE	OBSOLETE	OBSOLETE	OBSOLETE	OBSOLETE	OBSOLETE
42A	Gate Valve	-	OBSOLETE	OBSOLETE	OBSOLETE	OBSOLETE	<b>OBSOLETE</b>	OBSOLETE
48	Capscrew	8	700137	700137	700137	700137	700137	700137
50	Aircock	2	9594A10	9594A10	9594A10	9594A10	9594A10	9594A10
51	O-Ring**	2	775 <u>-</u> 13		RCO110006	RC0110006	568-118	- 1777 (3)

## тшвос

### 825Y 2 1/2" - 10" Reduced Pressure Backflow Preventer





	21/2"	3"	4"	6"	8"	10"
Assemblies/Kits						
Relief Valve Assy	905-100	905-100	905-100	905-101	905-101	905-101
Spring Assembly for #1 Check				32.50		
(3, 4A, 5, 6, 7, 7A, 7B, 10, 11, 15, 51)	905-085	902-358	902-357	902-356	902-470	902-354
Spring Assembly for #2 Check	A		A = 2			1.77
(3, 4A, 5, 6, 7, 7A, 7B, 9, 11, 15, 51)	905-086	902-366	902-365	902-364	902-471	902-362
Rubber Parts						10.7
(11, 14)	905-059	905-060	905-061	905-062	905-063	905-064
Seat Kit			1	9.50		
(2, 2A, 2B, 12)	902-386	902-385	902-384	902-383	902-382	902-381
Relief Valve Kit						
(26, 27, 32, 39, 49 - 2 ea.)	905-066	905-066	905-067	905-067	905-067	905-067
Lg. Mounting Kit	L. VALLET			100	17.75	13777
(16, 17, 17A; Both Ends)	905-036	905-037	905-038	905-039	905-040	905-041





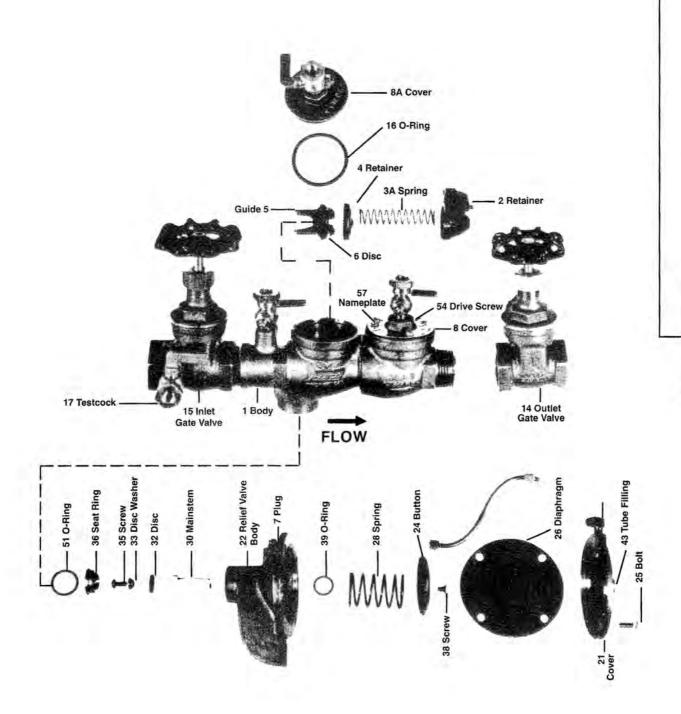
#### 835B <sup>3</sup>/<sub>4</sub>" - 2" Reduced Pressure Backflow Preventer

Fig#	Description	Qty.	3/4"	1"	11/2"	2"
2	Retainer	2	500-151	500-151	100-892	100-892
3A	Spring					
Spely	- 1st CheckSpring	-	630-102	630-102	630-110	630-110
3B	Spring (Not Shown)					
	- 2nd Check Spring		630-103	630-103	630-109	630-109
8A	Cover	¥7 -	100-902	100-902	902391	902391
14	Ball Valve	*	780-131	OBSOLETE	OBSOLETE	OBSOLETE
15	Ball Valve - Tapped	1.0	780-132	780-133	780120	780-121
16	O-Ring	2	568-223	568-223	OBSOLETE	OBSOLETE
17	Test Cock	4	RC0730000	RC0730000	RC0730004	RCO730004
21	Diaphragm Cover	-	780-608	780-608	780-606	780-606
24	Diaphragm Button	- 591	905045	905045	780-289	780-289
39	O-Ring	-	RCO110026	RCO110026	568-217	568-217
51	O-Ring	4	568-214	568-214	568-218	568-218
Assemb	lies/Kits					8
Check h	Cit					
	4.00		905315	005045	005 007	005 007
(4, 5, 6,	16)	0	905515	905315	905-027	905-027
	16) Parts Kit	9	903313	905315	905-027	905-027
	4.5	2 ea.	905315 N/A	905315 N/A	905-027	902-392
Rubber	Parts Kit	2 ea.				
Rubber (6, 16)	Parts Kit					
Rubber (6, 16) Relief V (26, 28,	Parts Kit	51) -	N/A	N/A	902-392	902-392

## TEBCO

#### 835B 3/4" - 2" Reduced Pressure Backflow Preventer

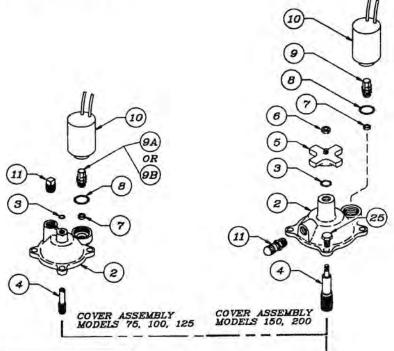




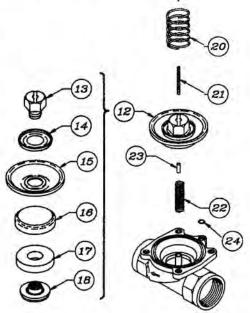
# GR-SSOL

### S Series 3/4" - 2" Brass Electric Valves (includes DW & PRV)





Item #	Description	3/4"-11/4"	11/2"	2"
2 to 11	Cover Assembly (DWS)	4326	4419	4421
' to 11	Cover Assembly (Others)	6615	6616	6617
2	Bonnet (includes 3 & 7)	6615	6616	6617
3	Flow Stem O-Ring	RCO110001	RCO110003	RCO110003
4	Flow Control Stem Assy.	4320	970	970
5	Cross Handle	N/A	408	408
6	Cross Handle Nut	N/A	409	409
7	Solenoid Port Seat	4313	4313	4313
8 to 10	Solenoid Assembly (8-10)	SOL 4	SOL 4	SOL 4
11	Manual Bleed Screw	DC-10	DC-10	DC-10
12	Diaphragm Assy. (15-18)	4325	4418	4420
13	Pin Bearing	4319	4286	4286
14	Upper Diaphragm Plate	4312	4473	4473
15	Diaphragm	4318	4289	4393
16	Seat Disk Holder	4311	4298	4397
17	Seat Disk	4314	4297	4396
18	Seat Disk Retainer	4309	4296	4395
20	Cover Spring	407	4392	311
21	Metering Pin	402	322	290
22	Metering Pin Spring	303	303	303
23	Guide Tube Spacer	N/A	4400	4400
24	Body O-Ring	4404	4404	4404
25	Cover Bolt	1198-45	1198-45	1198-45
	Regulator Assy.	8799	8799	8799
W. Commercial	(solenoid not incl.)		Calle	
	Block Assy.	8266	8266	8266
	Manual Bypass Stem	8798	8798	8798
	Adjustable Screw	1198-56	1198-56	1198-56
30. 3	Hex Nut	1118-06	1118-06	1118-06
	Pressure Tap	7980	7980	7980
epair K				
includes	: 3, 11, 15, 17, 24	<b>RPK #34</b>	<b>RPK #35</b>	<b>RPK #36</b>







#### 2000 Series 1" - 3" **Brass Electric Valves**

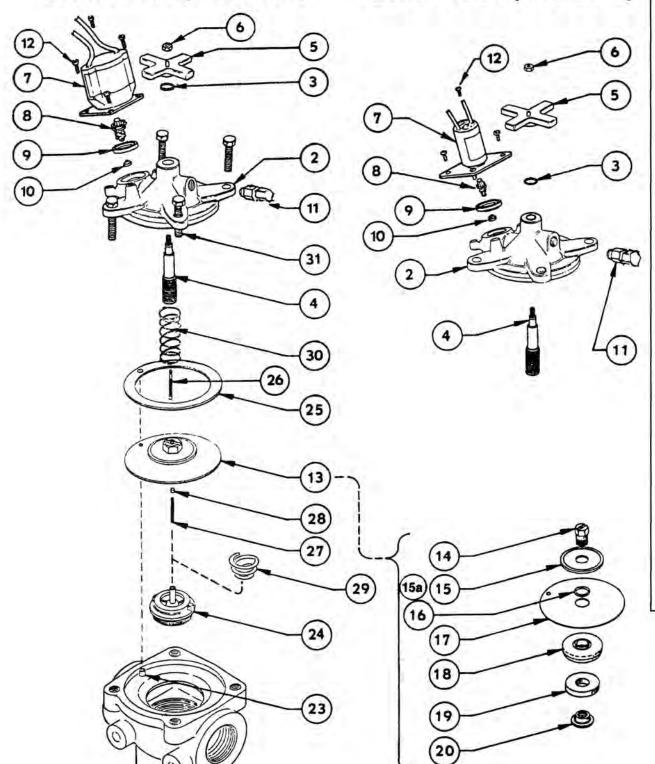
Item #	Description	1" - 11/4"	1 1/2"	2" - 21/2"	3"
2	Bonnet	6612	6613	6614	6614
3	Flow Stem O-Ring OBS	SOLETE OF	SOLETE OF	SOLETE OB	SOLETE
4	Flow Control Stem	970	971	972	972
4	(Old Style - threads on top)	OBSOLETE	N/A	OBSOLETE	N/A
5	Cross Handle	408	408	408	408
6	Cross Handle Nut	409	409	409	409
7	24V Solenoid Asy	SOL 5	SOL 5	SOL 5	SOL 5
7	110V Solenoid Asy	SOL 12	SOL 12	SOL 12	SOL 12
9	Solenoid Gasket	446	446	446	446
10	Solenoid Port Seat	4313	4313	4313	4313
- 11	Manual Bleed Screw	DC-10	DC-10	DC-10	DC-10
12	Mounting Screw (4 ea)	415	415	415	415
13	Diaphragm Assembly			FREE JE	
	(2000 & 2030)	822	3062	520	6760
11 88	(2010 & 2050)	3301	3302	3303	6760
14	Pin Bearing	447	317	612	612
15	Upper Diaphragm Plate	335	329	406	606
15a	Upper Washer (Not Shown)	N/A	N/A	N/A	6759
16		SOLETE OF	SOLETE OF	SOLETE OB	SOLETI
17	Diaphragm	823	310	300	300
18	Seat Disk Holder	340	314	287	6756
19	Seat Disk	345	309	299	6758
20	Seat Disk Retainer				
	(2000 & 2030)	448	318	286	6754
	(2010 & 2050)	3298	3299	3300	6754
23	Coupler Tube	461	481	481	481
24	and and the Mark and an efficient place of the consistence of the constant of	496	3061	518	6761
25	High Pressure Gasket	N/A	3093	879	N/A
26	Metering Pin	402	322	290	290
27	Metering Pin Spring	406	303	303	303
28	Metering Pin Spring Cap	N/A	764	764	764
30	Cover Spring	407	311	304	304
31	Bonnet Bolt	347	OBSOLETE	307	307
34	Mounting Plate (Not Shown)	770	770	770	770
35	Brass Adapter Ring (Not Show		4513	4513	4513
Repair K	it Control				
	: 3, 11, 16, 17, 19	<b>RPK #31</b>	RPK #32	RPK #33	N/A

#### 2000 Series 1" - 3" Brass Electric Valves.



2030 Series (also 2050)

2000 Series (also 2010)



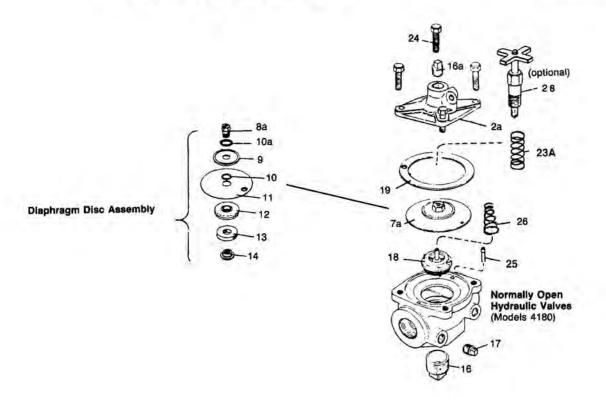


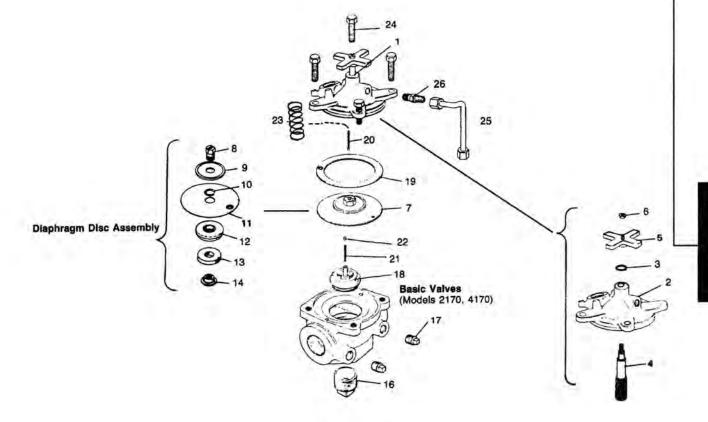
#### 2100 & 4100 Series Specialty Valves 1" - 3"

Item #	Description	1" - 11/4"	11/2"	2" - 21/2"	3"
1	Bonnet Assembly (2-6)	3021	3022	3023	3023
-	Bonnet Only (Irrigation Valve)	The state of the s	6613	6614	6614
2	(Brass)	3006	3007	3008	3008
2A	(Cast Iron)	870	3089	871	871
3	Flow Stem O-Ring	RCO110003	RCO110003	RCO110003	RCO110003
4	Flow Control Stem	970	971	972	972
5	Cross Handle	408	408	408	408
6	Cross Handle Nut	409	409	409	409
	Diaphragm Assemblies				
7	(Standard)	822	3062	520	6760
7A	(Thin)	493	3102	519	6856
8	Pin Bearing	447	317	612	612
8A	Stem Guide	449	319	3103	3103
9	Upper Diaphragm Washer	335	329	606	606
9A	Upper Disc Washer	N/A	N/A	N/A	6759
10	Diaphragm O-Ring	RCO110007	RCO110008	RCO110009	OBSOLETE
10A	Diaphragm O-Ring (2180, 41	80) 436	3011	306	306
11	Diaphragm Only				
	(Standard)	823	310	300	300
	(Thin)	437	3009	803	803
12	Seat Disc Holder	340	314	287	6756
13	Seat Disc	345	309	299	6758
14	Seat Disc Retainer	448	318	286	6754
16	Pipe Plug				
34	(1", 11/2", 2")	434	480	479	6121
	(1 <sup>1</sup> / <sub>4</sub> ", 2 <sup>1</sup> / <sub>2</sub> ")	435	N/A	758	N/A
17	Pipe Plug (side of body)	4039-33	4039-33	4039-33	4039-33
18	Seat Assembly	496	3061	518	6761
19	High Pressure Gasket	N/A	3093	879	N/A
20	Metering Pin	402	322	290	290
21	Metering Pin Spring	406	303	303	303
22	Pin Spring Cap	N/A	764	764	764
23	Cover Spring	407	311	304	304
23A	Cover Spring (4150, 4180)	407	311	3092	3092
24	Bonnet Bolt	347	OBSOLETE	307	307
26	Tube Connector	4039-18	4039-18	4039-18	4039-18
25	Coupler Tube	461	481	481	481

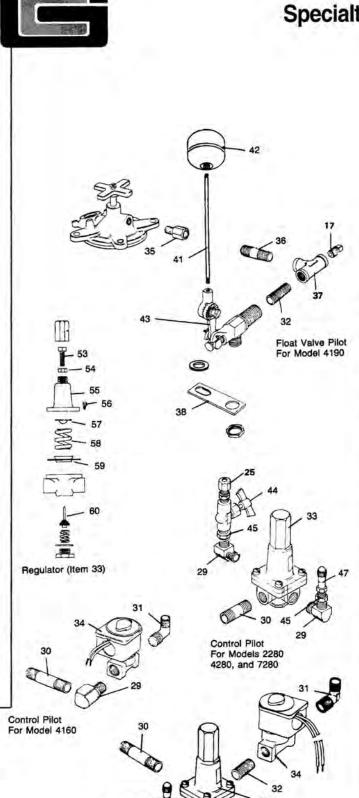
#### 2100 & 4100 Series Specialty Valves 1"- 3"



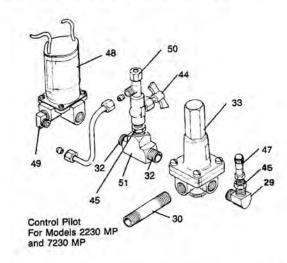




#### Specialty Valves: Pilot Assemblies



Control Pilot For Model 4290



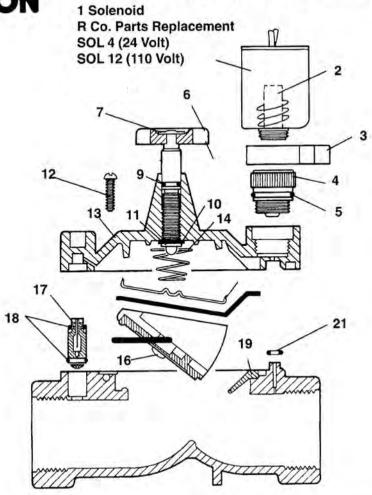
Item #	Description	Part #
29	Street Elbow (1/4" - 1/4")	4039-03
30	Pipe Nipple (1/4" - 21/2")	3369-02
31	Elbow	4039-17
32	Close Pipe Nipple	3369-05
35	Pipe Coupling	4039-05
36	Pipe Nipple	3369-06
37	Tee	4039-19
38	Mounting Bracket	645
41	Float Rod	668
42	Float Ball	667
43	Float Pilot Assembly	637
44	Needle Valve	4038-06
45	Bushing	4039-04
47	Schrader Valve	3029
49	Elbow, Compression	4039-17
50	Tee, Compression	4039-53
51	Tee 1/4"	4039-19
53	Adjusting Screw	5959
54	Locking Nut	1118-15
55	Regulator Cover	5956
56	Cover Screw	1198-49
57	Spring Retainer	6561
58	Spring, 3-50 PSI Range	6562-01
58	Spring, 10-125 PSI Range	6562-02
- 59	Diaphragm Assembly	6560
60	Poppet, Regulator	7840
48	Solenoid Assemblies	
	24V Normally Open	3094-200
	24V Normally Closed	3094-300
	110V Normally Open	3094-400
*	110V Normally Closed	3094-500
100	110V N.C. (explosion proof)	3094-700
34	1/4" Regulator Assy.	a - Lockwell a
	(3 - 50 PSI)	5958-01
	(10 - 125 PSI)	5956

(50 - 175 PSI)

5958-03

## **HARDIE**IRRIGATION

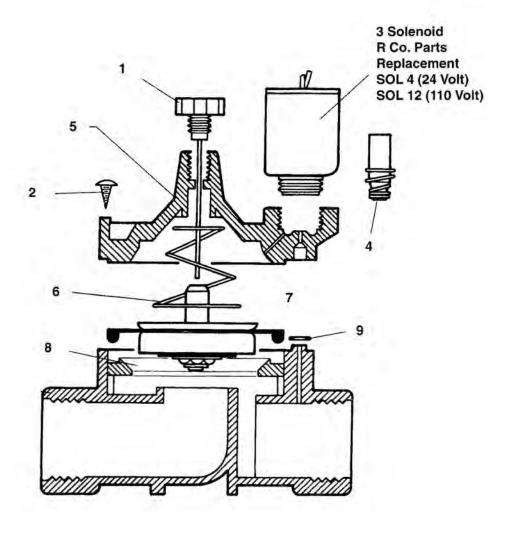
#### 700 Series 3/4" - 2" Plastic Electric Valves



Item #	Description	3/4"	1"	11/2"	2"
1	Solenoid 24 V Hardie	81124VAC	81124VAC	81124VAC	81124VAC
1	Solenoid	SOL 4	SOL 4	SOL 4	SOL 4
2	Solenoid Plunger F	RCO400013	RCO400013	RCO400013	RCO400013
3, 4, 5	Solenoid Bleed Lever Assy.	606902	606902	606902	606902
	O-Ring, Bleed Plug F	RCO110007	RC0110007	RC0110007	RCO110007
6	Knob	N/A	OBSOLETE	OBSOLETE	1995
7	Retainer, Knob	N/A	N/A	N/A	N/A
9	O-Ring, Stem	N/A	2509	RCO110001	1993
10	Retaining Ring	N/A	N/A	N/A	N/A
11	Stem Washer	N/A	N/A	N/A	N/A
12	Bonnet Screw	N/A	N/A	N/A	N/A
6-11, 13	Bonnet Assembly (#6-11,13)	N/A	691901	691701	691801
14	Diaphragm Spring	OBSOLET	E OBSOLETE	OBSOLETE	<b>OBSOLETE</b>
15	Support Cup	N/A	N/A	N/A	N/A
	Seat Seal Assembly (Diaphragr	n) 2035	2349	2376	1874
17	Metering Plug Kit/Screen	N/A	N/A	N/A	N/A
18	O-Ring	N/A	N/A	1054	N/A
19	Diaphragm	2026	2357	2383	1869
-549	O-Ring, Body	N/A	10153	10153	RC0110001

#### HR-1 1" Plastic Electric Valve

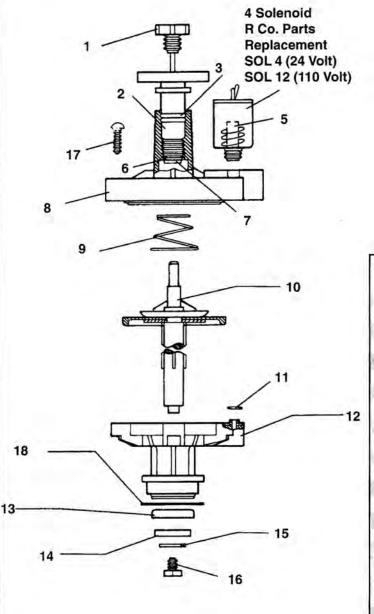




Item #	Description	Part #
1	Metering Rod	2813
2	Bonnet Screw	1354
3	Solenoid Assembly (complete)	SOL 4
4	Plunger	RCO400013
	Solenoid O-Ring (Not Shown)	RC0110005
5	Bonnet	719801
6	Diaphragm Spring	RCO650002
7	Diaphragm 1"	1359
8	Diaphragm Support	1353
9	Body O-Ring	RC0110001



### 300 Series 3/4" & 1" Plastic Electric Adapters



Item #	Description	Part #		
1	Metering Rod	2025		
2	Flow Control	1016		
3	O-Ring	RC0110011		
4	Solenoid Assembly (complete)	SOL 4		
5	Plunger	RCO400013		
5		RCO110004		
6		RC0350004 [		
7	Flow Control Bushing	RCO230009		
8	Bonnet	2001		
9	Diaphragm Spring 3/4"	N/A		
- BROW	Diaphragm Spring 1"	RCO650002		
10		1052-1		
11	Body O-Ring	RC0110001		
12	Lower Body 3/4"	1480-1		
	Lower Body 1"	N/A		
13		N/A		
	Seat Holder 1"	N/A		
14	Rubber Seat 3/4"	1749		
	Rubber Seat 1"	RC0310015		
15	Washer 3/4"	OBSOLETE		
	Washer 1"	OBSOLETE		
16	Screw	OBSOLETE		
17	Bonnet Screw	N/A		
18	Gasket 3/4"	RCO340000		
200	Gasket 1"	RCO340001		

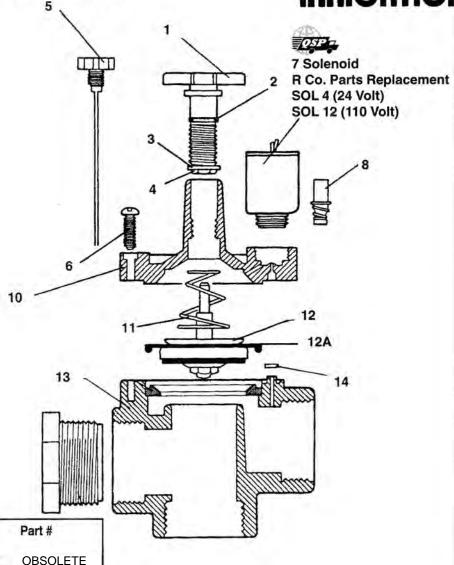
Rubber Parts Repair Kit: includes # 3, 5, 10, 11, 14, 18

3/4" RPK #99
1" RPK #100

300 Series Adapters Equivalent to Rain Bird EPA Series

#### 100 (Century) Series 1" - 11/2" Plastic Electric Valves

## HARDIE



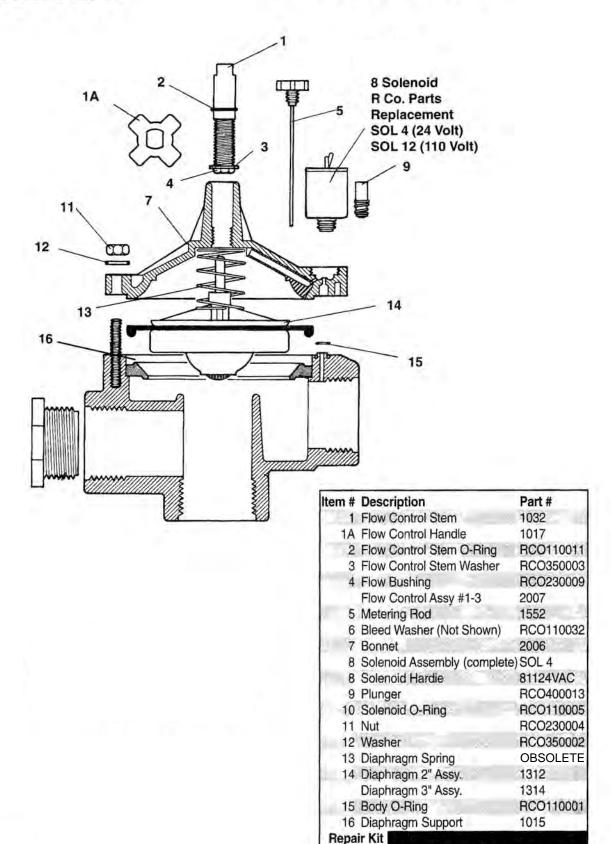
Item #	Description	Part #
1	Flow Control Stem	OBSOLETE
2	Flow Control Stem O-Ring	RC0110011
3	Flow Control Stem Washer	RCO350004
4	Flow Bushing	OBSOLETE
1-4	Flow Control Assy #1-4	2002
5	Metering Rod	1552
6	Bonnet Screw	HR739001
7	Solenoid Assembly (complete)	SOL 4
8	Plunger	RCO400013
9	Solenoid O-Ring (Not Shown)	RCO110005
10	Bonnet Assy.	2001
11	Diaphragm Spring	RCO650002
12	Diaphragm 1" Assy.	1308
	Diaphragm 11/2" Assy.	1310
13	Diaphragm Support 1"	1013
	Diaphragm Support 11/2"	OBSOLETE
14		RC0110001
Repair	Kits	
Include	s: 2, 5, 6, 11, 14 1"	RPK #150

11/2" RPK #151

HARDIE



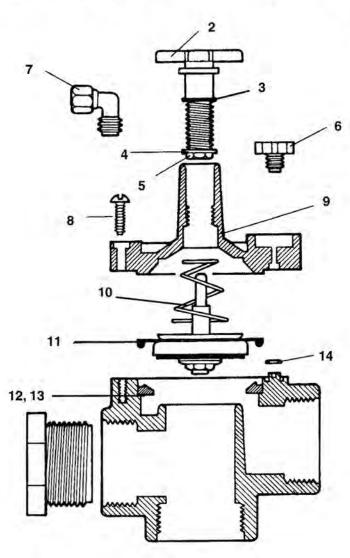
#### 100 (Century) Series 2" - 3" Plastic Electric Valves



Includes 2, 5, 6, 11, 14 for 2" Valve RPK #152

### 200 Series 1"- 11/2" Plastic Normally Open Hydraulic Valves

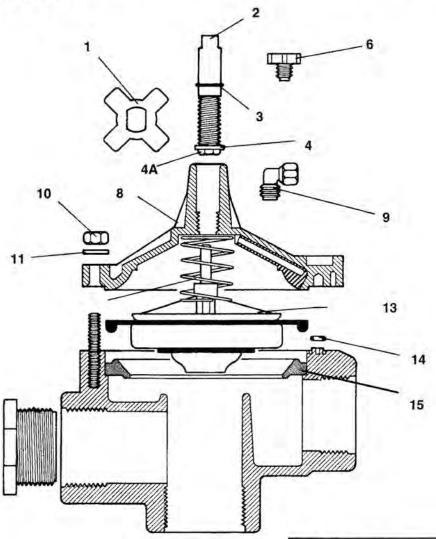




Item #	Description	Part #	
2	Flow Control Stem	1016	
3	Flow Control Stem O-Ring	RCO110011	
4	Flow Control Stem Washer	RCO350004	
5	Flow Bushing	RCO230009	
i mate	Flow Control Assy #1-4	2002	
6	Manual Bleed	1318	
7	Elbow Assembly	146000	
8	Bonnet Screw	OBSOLETE	
9	Bonnet Assy.	2001	
10	Diaphragm Spring	RCO650002	
11	Diaphragm 1"	1309	
	Diaphragm 1 1/2"	1311	
12	Diaphragm Support 1"	1013	
13	Diaphragm Support 1 1/2"	OBSOLETE	
14	Body O-Ring	RC0110001	



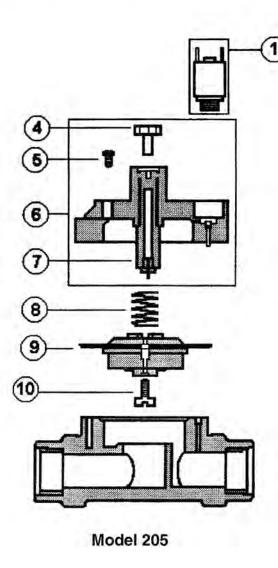
### 200 Series 2" - 3" Plastic Normally Open Hydraulic Valves



Item #	Description	Part #
1	Cross Handle	1017
2	Flow Control Stem	1032
3	Flow Control Stem O-Ring	RC0110011
4	Flow Control Stem Washer	RCO350003
4A	Flow Bushing	RCO230009
1-4	Flow Control Assy.	2007
6	Manual Bleed	1318
7	Bleed Washer (Not Shown)	RCO110032
8	Bonnet	2006
9	Elbow Assembly	146000
10	Nut	RCO230004
11	Washer	RCO350002
12	Diaphragm Spring	OBSOLETE
13	Dept. No., 112 Philadelphia 1997	1313
	Diaphragm 3"	1315
14	A. A. Charles Anna V.	RCO110001
15	a Contraction of the Contraction	OBSOLETE

#### 205 Series (Richdel) 1" Plastic Electric Valves



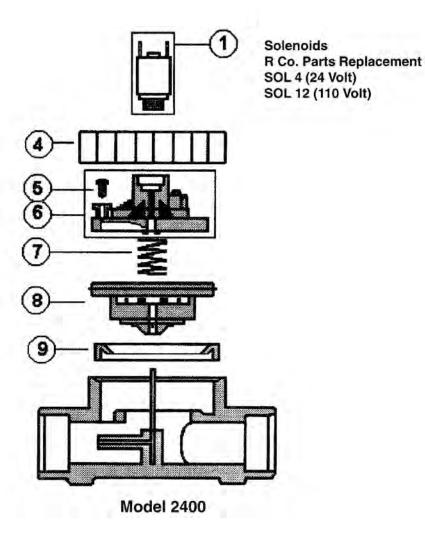


Solenoids R Co. Parts Replacement SOL 4 (24 Volt) SOL 12 (110 Volt)

Item #	Description	205T	205TF	205S	205SF
1	Solenoid, 24 VAC	SOL 4	SOL 4	SOL 4	SOL 4
- 1	Solenoid, 110 VAC	SOL 12	SOL 12	SOL 12	SOL 12
4	Flow Adjust Knob	N/A	100227	N/A	100227
5	Bleed Screw	100229	100229	100229	100229
6	Cover Assembly	100272	100273	100272	100273
7	Flow Shaft Assy.	N/A	100230	N/A	100230
8	Spring	100231	100231	100231	100231
9	Diaphragm Assy.	100232	100232	100232	100232
10	Diaphragm Screw	OBSOLETE	OBSOLETE	OBSOLETE	OBSOLETE



#### 2400/2600 Series (Richdel) 1" Plastic Electric Valves

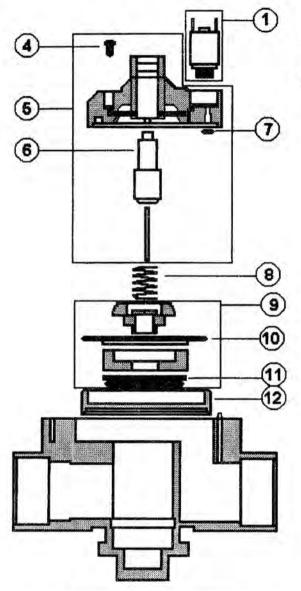


Item #	Description	2400T	2400TF	2400S	2400SF	2600T	2600TF
1	Solenoid, 24 VAC	SOL 4					
1	Solenoid, 110 VAC	SOL 12					
4	Nut Cap	549101	549101	549101	549101	549101	549101
5	Bleed Screw	100229	100229	100229	100229	100229	100229
6	Cover Assembly	534901	534901	534901	534801	534901	534801
7	Spring	100235	100235	100235	100235	100235	100235
8	Diaphragm	100236	100236	100236	100236	100236	100236
9	Divider	100237	100237	100237	100237	100237	100237

Note: T = Threaded, S = Slip, F = Flow Control

#### 200 Series (Richdel) 3/4" - 3" Plastic Electric Valves

#### HARDIE IRRIGATION

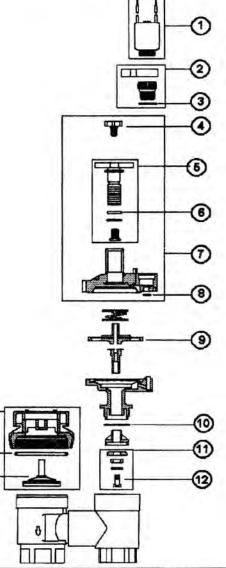


Solenoid R Co. Replacement SOL 4 (24 Volt) SOL 12 (110 Volt)

Item #	Description	213APR 3/4"	214APR 1"	216APR 11/2"	217APR 2"	218APR 3"
1	Solenoid, 24 VAC, R Co.	SOL 4	SOL 4	SOL 4	SOL 4	SOL 4
1	Solenoid, Hardie	81124VAC	81124VAC	81124VAC	81124VAC	81124VAC
. 1	Solenoid, 110 VAC	SOL 12	SOL 12	SOL 12	SOL 12	SOL 12
4	Bleed Screw	100229	100229	100229	100229	100229
5	Cover Assembly	100273	152101	216101	218401	447201
6	Flow Control Shaft Assy.	100230	100230	RD113401	RD113401	RD113601
7	O-Ring, Body	RC0110000	RC0110000	RCO110000	RC0110000	RC0110000
8	Diaphragm Spring	100231	153201	113801	114001	114201
9	Diaphragm Assembly	111401	539001	114401	114601	OBSOLETE
10	Diaphragm	N/A	N/A	N/A	584901	209-28
11	Seat Seal Washer	N/A	N/A	N/A	217-18	209-18
12	Support Ring	N/A	100237	N/A	N/A	N/A



### 305/311 Series <sup>3</sup>/<sub>4</sub>" & 1" Combination Valve & Vacuum Breakers



Solenoid R Co. Replacement SOL 4 (24 Volt) SOL 12 (110 Volt)

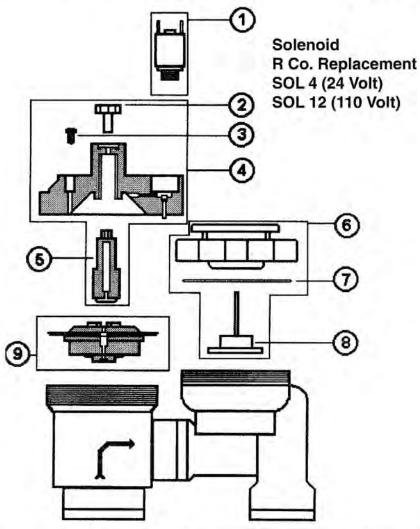
> Note: Model 305 is a manual valve

Item#	Description	311A 3/4"	311A 1"	305 3/4"	305 1"
1	Solenoid 24 Volt R Co.	SOL 4	SOL 4	N/A	N/A
1	Solenoid Hardie 24 Volt	81124VAC	81124VAC	N/A	N/A
1	Solenoid 110 Volt	SOL 12	SOL 12	N/A	N/A
2	Manual Bleed Assy.	606902	606902	N/A	N/A
3	O-Ring	RCO110007	RC0110007	N/A	N/A
4	Metering Rod Assy.	2025	2025	N/A	N/A
5	Flow Adjustment Assy.	2862-1	2862-1	N/A	N/A
6	O-Ring, Flow Adjustment	688701	688701	N/A	N/A
7	Bonnet Assembly	OBSOLETE	OBSOLETE	N/A	N/A
8	O-Ring	RCO110001	RCO110001	N/A	N/A
2,8,9	Diaphragm Stem Assy.	727001	726901	N/A	N/A
10	O-Ring	726801	726701	726701	726701
11	Seat Seal Assembly	650001	650002	2407	2407
12	Seat Seal Screw	OBSOLETE	OBSOLETE	N/A	N/A
13	Anti-Siphon Cover Assy.	728001	728001	728001	728001
14	O-Ring, Anti-Siphon	2797	2797	2797	2797
15	Float/Stem Assembly	727901	727901	727901	727901

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### 709 / 711 / 713 Series (Richdel) 3/4" & 1" Combination Valve & Vacuum Breakers





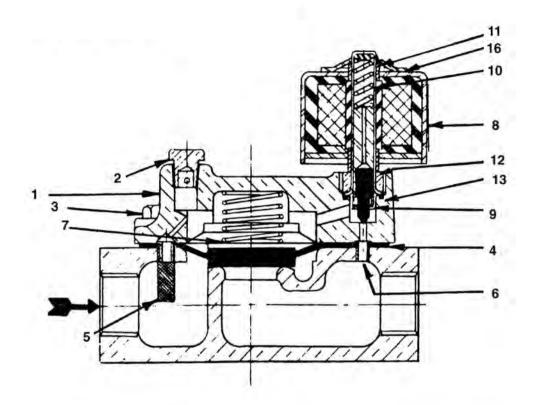
ltem #	Description	711APR 3/4"	713APR 1"	771DPR 3/4"	713DPR 1"	706PR 3/4"	709PR 1"	707PR 1
1	Solenoid 24 Volt R Co.	SOL 4	SOL 4	SOL 4	SOL 4	N/A	N/A	N/A
1	Solenoid Hardie 24 Vol	t 81124VAC	81124VAC	81124VAC	81124VAC	N/A	N/A	N/A
1	Solenoid 110 Volt	SOL 12	SOL 12	SOL 12	SOL 12	N/A	N/A	N/A
2	Flow Adjust Knob	100227	100227	N/A	N/A	704-27	704-27	N/A
3	Bleed Screw	100229	100229	100229	100229	N/A	N/A	N/A
4	Cover Assembly	100273	100273	534801	534801	147501	147501	147501
	Cover "Jar Top" Nut	N/A	N/A	549101	549101	N/A	N/A	N/A
5	Valve Stem	100230	100230	N/A	N/A	147101	147101	147101
6	Anti-Siphon Assy.	217104	519108	217104	519108	217104	519108	N/A
7	O-Ring, Anti-Siphon	100241	100233	100241	100233	100241	100233	N/A
8	Float/Stem Assy.	100246	100234	100246	100234	100246	100234	N/A
9	Diaphragm Assy.	100232	100232	100236	100236	N/A	N/A	N/A
	Diaphragm Spring	N/A	N/A	100235	100235	N/A	N/A	N/A
	Diaphragm Support	N/A	N/A	100237	100237	N/A	N/A	N/A

#### Notes:

<sup>\*\*</sup>Models 711/713 APR Series are Electric Combination Valves with Phillips Screw Bonnets
\*\*Models 711/713 DPR Series are Electric Combination Valves with "Jar Top" Bonnets
\*\*Models 706/709 PR are Manual Combination Valves

### 3110 Series <sup>3</sup>/<sub>4</sub>" - 2" Brass Electric Valves

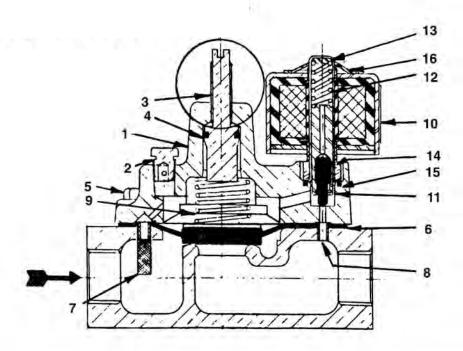




Item #	Description	3/4"	1"	11/4"	11/2"	2"
	Cover Assembly	11125	11133	11136	11137	11138
1	Cover Only	OBSOLETE	689403	OBSOLETE	688203	714601
2	Bleed Screw	DC10	DC10	DC10	DC10	DC10
3	Cover Bolt*	5502	5502	5502	5502	5459
4	Diaphragm Assembly	10984	11378	11312	11311	11310
5	Strainer Basket	6565	6565	6565	6565	6565
6	Positioning Eyelet	6364	6364	6364	6364	6364
7	Diaphragm Spring	2486	2488	2488	2488	4554
8	24 Volt Solenoid Assy.	6969-24	6969-24	6969-24	6969-24	6969-24
8	110 Volt Solenoid Assy.	6969-110	6969-110	6969-110	6969-110	6969-110
9	Plunger Assembly	41973	41973	41973	41973	41973
10	Plunger Spring	4198	4198	4198	4198	4198
11	Plunger Housing	41922	41922	41922	41922	41922
12	Plunger Housing Nut	4194	4194	4194	4194	4194
13	Plunger Housing Gasket	RCO110004	RCO110004	RCO110004	RC0110004	RCO110004
14	24 VAC Coil	5734	5734	5734	5734	5734
15	110 VAC Coll	5709	5709	5709	5709	5709
16	Coil Retainer	2958	2958	2958	2958	2958
17	Solenoid Removal Tool	4539	4539	4539	4539	4539
*Not inc	uded in Cover Assy.					



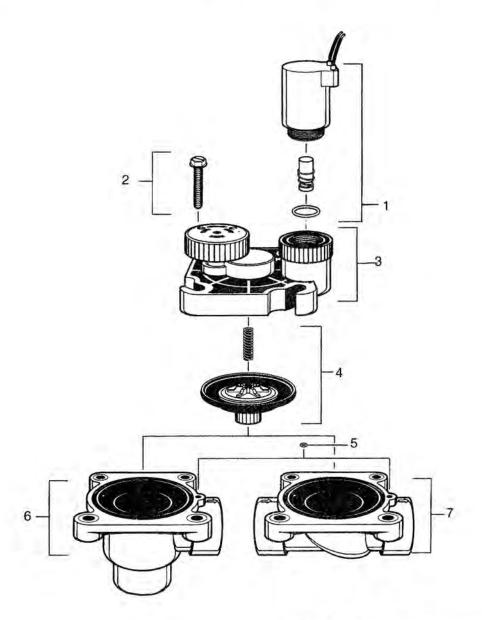
#### 3112 Series 3/4" - 3" Brass Electric Valves



tem#	Description	3/4"	1"	11/4"	11/2"	2"	21/2"	3"
	Cover Assembly	11125	11133	11136	11137	11138	11115	11114
1	Cover Only	689903	689503	688703	688303	714601	7147	7148
2	Bleed Screw	DC10						
3	Flow Control Stem	62741	62741	62741	62741	62741	62741	62741
4	Flow Stem O-Ring	RCO110011	RC0110011	RC0110011	RC0110011	RC0110011	RC0110011	RC0110011
5	Cover Bolt**	5502	5502	5502	5502	5459	5459	5459
6	Diaphragm Assembly	10984	11378	11312	11311	11310	11318	11317
7	Strainer Basket	6565	6565	6565	6565	6565	6565	6565
8	Positioning Eyelet	6364	6364	6364	6364	6364	6364	6364
9	Diaphragm Spring**	2486	2488	2488	2488	4554	4554	4554
10	24 Volt Solenoid Assy.	6969-24	6969-24	6969-24	6969-24	6969-24	6969-24	6969-24
10	110 Volt Solenoid Assy	6969-110	6969-110	6969-110	6969-110	6969-110	6969-110	6969-110
11	Plunger Assembly	41973	41973	41973	41973	41973	41973	41973
12	Plunger Spring	4198	4198	4198	4198	4198	4198	4198
13	Plunger Housing	41922	41922	41922	41922	41922	41922	41922
14	Plunger Housing Nut	4194	4194	4194	4194	4194	4194	4194
15	Plunger Housing							
	Gasket	RCO110004						
	24 VAC Coil	5734	5734	5734	5734	5734	5734	5734
	110 VAC Coil	5709	5709	5709	5709	5709	5709	5709
16	Coil Retainer	2958	2958	2958	2958	2958	2958	2958
	Solenoid Removal Tool * Not included in Cover ** Not included in Asse	Assembly.	4539	4539	4539	4539	4539	4539



#### 7901, 7911, 7931, 7941 Series 1" Plastic Electric Valves

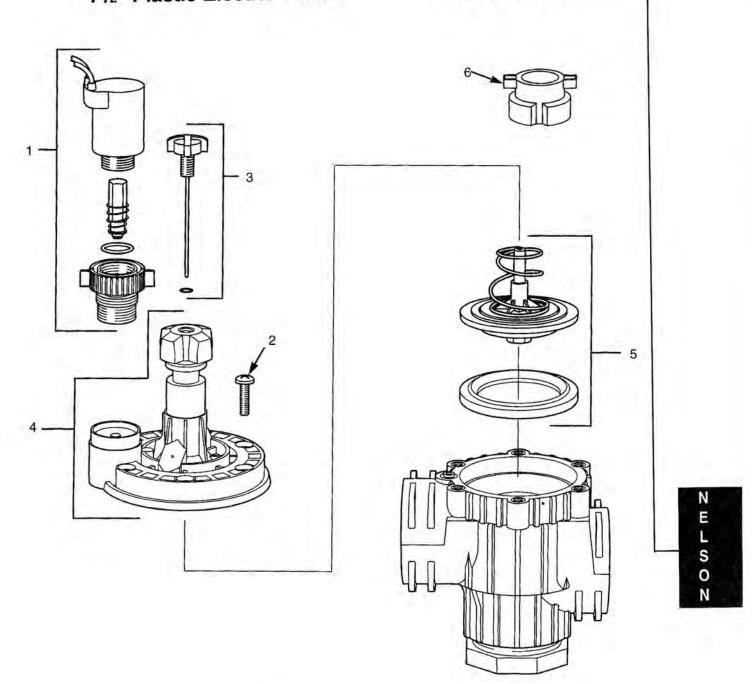


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Item #	Description	Part #
1	Solenoid, 24 VAC	7962
1	Solenoid, 110 VAC	7963
2	Bolts (bag of 4)	OBSOLETE
3	Bonnet Assembly	77362
- 4	Diaphragm & Spring (7911,7917,7931)	77363
4	Diaphragm & Spring (7901,7916,7941)	77369
5	Body O-Ring	77364
6	Angle Body	77368
7	Globe Body	77365

### 7951 Series 11/2" Plastic Electric Valves

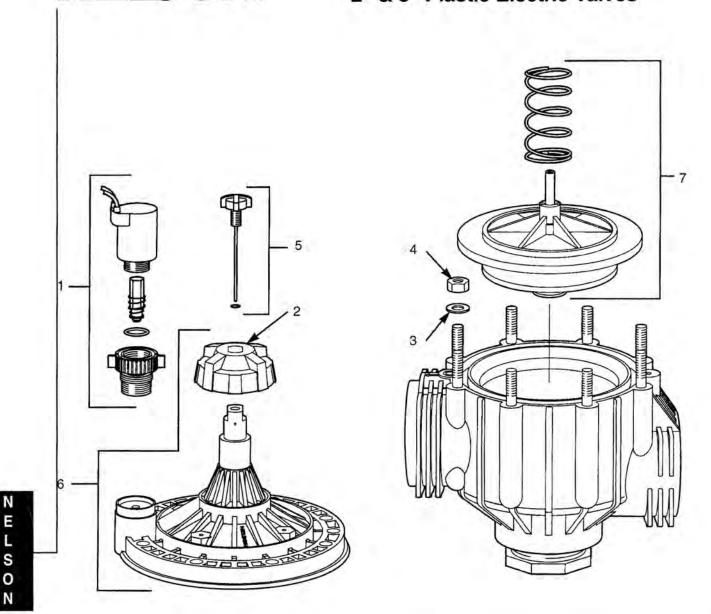




Item #	Description	Part #
1.	Solenoid, 24 VAC	7962
1	Solenoid, 110 VAC	7963
2	Screw	90060040
3	Metering Rod Assembly	77393
4	Bonnet Assembly	OBSOLETE
5	Diaphragm Assembly	77392
6	Valve Handle Adapter	90060117



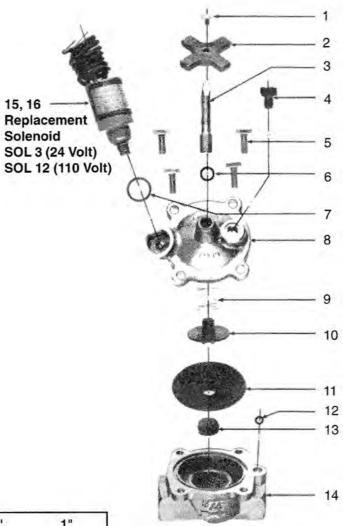
#### 7952-7953 Series 2" & 3" Plastic Electric Valves



Item #	Description	Part #
1	Solenoid, 24 VAC	7962
1	Solenoid, 110 VAC	7963
2	Flow Control Knob	900-60078
3	Washer	900-60033
4	Nut	900-60074
5	Metering Rod Assembly	77397
6	Bonnet Assembly	OBSOLETE
7	Diaphragm Assembly 2" model	OBSOLETE
7	Diaphragm Assembly 3" model	77396
	Pressure Regulating Kit	7909
	Pressure Regulator Tubing	900-60138
	Solenoid Adapter, Pressure Regulator	80060140

## 8201, 8202 Series 3/4" - 1" Brass Electric Valves

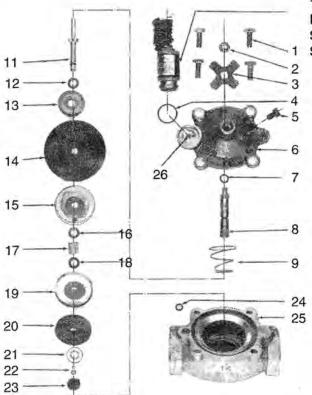




Item #	Description	3/4"	1"
1,3,6	Flow Adjustment Assembly	OBSOLETE	OBSOLETE
1	Handle Screw	OBSOLETE	OBSOLETE
2	Flow Control Handle	77282	77282
4	Bleed Screw	RCO730000	RCO730000
- 5	Cover Bolt	OBSOLETE	OBSOLETE
7	Solenoid O-Ring	RCO110005	RCO110005
8	Bonnet	71410	71410
9	Diaphragm Spring	77283	77283
9,10,11,13	Diaphragm Assembly	77369	77369
10	Diaphragm Support	N/A	N/A
11	Diaphragm Only	OBSOLETE	OBSOLETE
12	Bleed Port O-Ring Kit	RC0110033	RCO110033
13	Strainer	2146	2146
14	Body 3/4"	N/A	N/A
14	Body 1"	N/A	N/A
15	Solenoid 24 Volt	SOL 3	SOL 3
16	Solenoid 110 Volt	SOL 12	SOL 12



#### 8203, 8204 Series 11/4" & 11/2" Brass Electric Valves



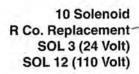
10 Solenoid R Co. Replacement SOL 3 (24 Volt), SOL 12 (110 Volt)

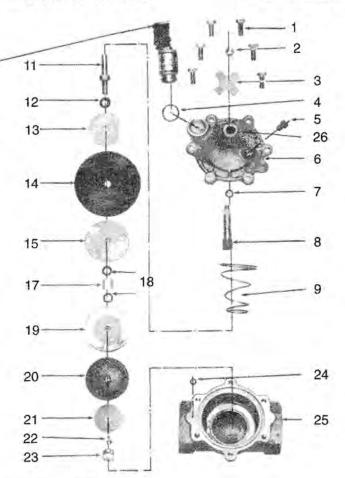
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Item #	Description	11/4"	11/2"
1	Bonnet Bolt	RCO250005	RCO250005
2,3	Flow Control Handle & Nut	OBSOLETE	OBSOLETE
4	Solenoid O-Ring	RCO110005	RCO110005
5	Bleed Screw	RCO730001	RC0730001
6	Bonnet	OBSOLETE	OBSOLETE
7	Flow Control O-RingRCO110002	RCO110002	
8	Flow Control StemRCO230022	OBSOLETE	
9	Diaphragm Spring	RCO650002	RCO650002
10	Solenoid 24 Volt	SOL 3	SOL 3
10	Solenoid 110 Volt	SOL 12	SOL 12
9 to 23	Diaphragm Assembly	77033	77035
11	Diaphragm Stem	OBSOLETE	OBSOLETE
12	Fiber Washer	RCO340009	RCO340009
13	Plate	OBSOLETE	OBSOLETE
14	Diaphragm Only	RC0110102	RC0110102
15	Plate	OBSOLETE	OBSOLETE
17	Diaphragm SpacerRCO230007	RCO230007	
16, 18	Fiber Washer	RCO340009	RCO340009
19	Seat Disk Holder	2810	2810
20	Seat Disc	77247	77247
21	Seat Disk Retainer	OBSOLETE	OBSOLETE
22	Orifice Screw	77177	77177
23	Strainer	OBSOLETE	OBSOLETE
24	Bleed Port (Body) O-Ring	RCO110033	RCO110033
25	Body	N/A	N/A
26	Solenoid Seat	OBSOLETE	OBSOLETE
epair Kit		10	
	4, 7, 12, 14, 16, 18, 20	RPK #59	RPK #59

#### 8205 Series 2" Brass Electric Valves







Item #	Description	2"
1	Bonnet Bolt	RCO250005
2,3	Flow Control Handle & Nut	OBSOLETE
4	Solenoid O-Ring	RCO110005
5		RCO730001
6	Bonnet	N/A
7	Flow Control O-Ring	RCO110002
8	Flow Control Stem	OBSOLETE
9	Diaphragm Spring	OBSOLETE
10	Solenoid 24 Volt	SOL 3
10	Solenoid 110 Volt	SOL 12
9 to 23	Diaphragm Assembly	77040
12	Control of the Contro	RCO340010
14	Diaphragm Only	RCO110103
13, 15		OBSOLETE
17	The state of the s	OBSOLETE
18	Company of the Control of the Contro	RCO340010
19	Seat Disk Holder	OBSOLETE
20	Seat Disc	RCO310007
21	Seat Disk Retainer	OBSOLETE
and the second second	Orifice Screw	77177
23	Strainer	OBSOLETE
24	Bleed Port (Body) O-Ring	RCO110033
25		N/A
26	Solenoid Seat	OBSOLETE
Repair		
	s: 4, 7, 12, 14, 18, 20	RPK #69

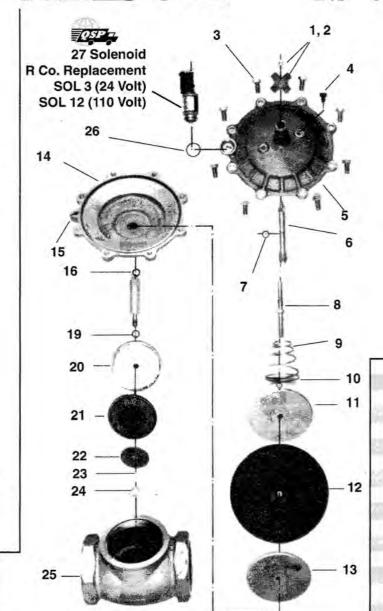
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#### 8206, 8207 Series 2<sup>1</sup>/<sub>2</sub>" - 3" Brass Electric Valves



Item #	Description	Part #
and the second of the		14 200 0 0
1,2	Flow Control Handle & Nut	OBSOLETE
3	Bonnet Bolt	RCO250005
4	Bleed Screw	RCO730001
5	Bonnet	N/A
6	Flow Control Stem	OBSOLETE
7	Flow Control O-Ring	RCO110002
8	Diaphragm Stem	N/A
9	Diaphragm Spring	OBSOLETE
10	Washer	RCO340010
11	Plate	N/A
12	Diaphragm Only	2309-1
13	The state of the s	N/A
14	Lower Bonnet	N/A
15	O-Ring	RCO110033
16	Fiber Washer	RCO340010
19	Fiber Washer	RCO340010
20	Seat Disc Retainer 2 1/2"	OBSOLETE
20	Seat Disc Retainer 3"	OBSOLETE
21	Seat Disc 2 1/2"	2314-1
21	Seat Disc 3"	2314-2
22	Washer	OBSOLETE
23	Orifice Screw	OBSOLETE
24	Strainer	OBSOLETE
25	Body	N/A
26	Solenoid O-Ring	RCO110005
27	Solenoid 24 Volt	SOL 3
27	Solenoid 110 Volt	SOL 12

**RPK #70** 

**RPK #71** 

Repair Kit

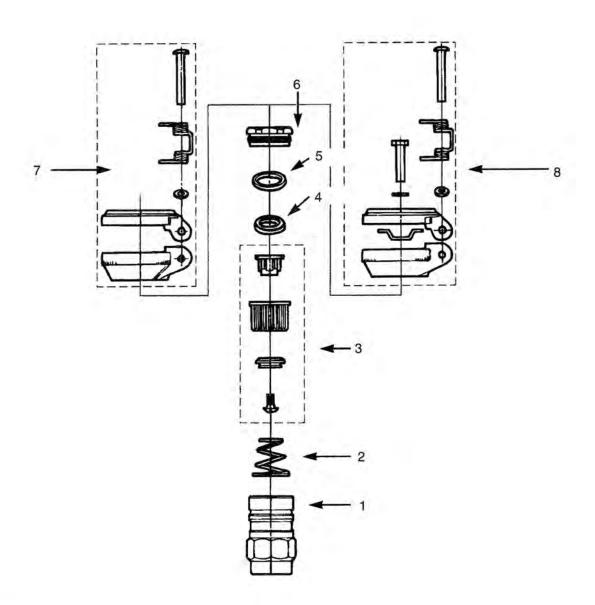
includes: 4,7,10,12,15,16,19,21

includes: 4,7,10,12,15,16,19,21 3"

# ELSOZ

### 7640 Series Quick Coupling Valves





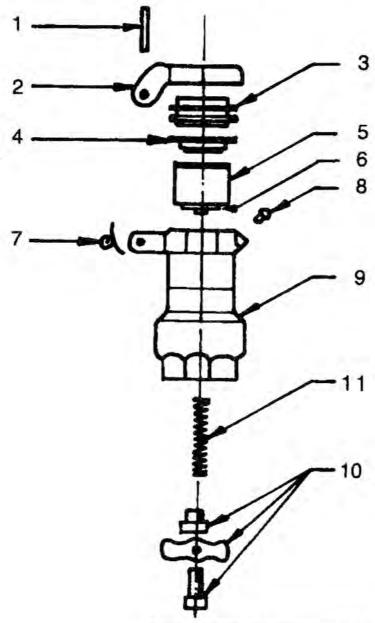
Item #	Description	Part #
1	Body	N/A
2	Spring Kit	77289
3	Sleeve Assembly	480-49072
4	U Cup Washer Seal Kit	77288
5	Washer Kit	77287
6	Retainer Nut	911-03301
7	Guard & Lid Assembly (7642)	480-49208
7	Guard & Lid Assembly-Purple (7644)	77387
8	Locking Guard Assembly-Purple (7645)	77388
8	Locking Guard Assembly (7643)	480-01952



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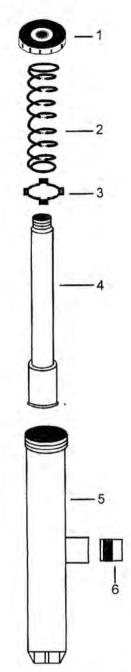
### 7651, 7661 Series Quick Coupling Valves

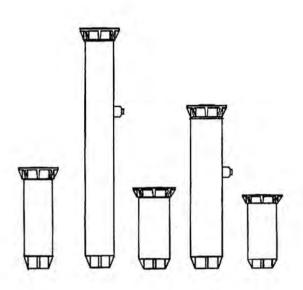


Item #	Description	7651	7661
1	Pin	945-03104	945-03104
2	Metal Lid	OBSOLETE	OBSOLETE
3	Retainer Nut	934-02511	934-02591
4	Flange Packing (Qty. 3)	77290	77291
5.	Sleeve Assembly	480-05320	480-05380
6	Sleeve AssyWasher (Qty. 6	77292	77293
7	Lid Spring	935-23264	935-23264
8	Body Screw	935-03041	935-23131
9	Body (NPT)	480-02541	480-02551
10	Cross Bar and Plug	850-24370	850-24370
11	Valve Spring	935-03909	935-03909



#### 1800 Series Pop-up Spray Sprinklers





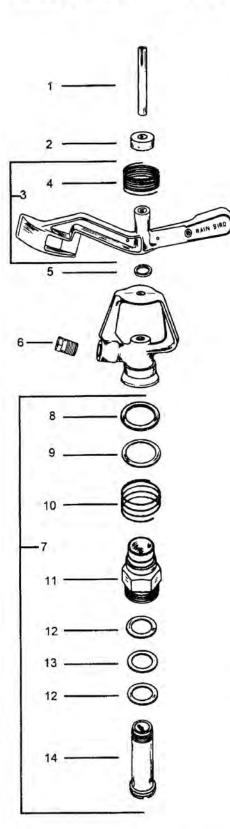


	A4.7 A 377 A 3	2" Pop-up	3" Pop-up	4" Pop-up	6" Pop-up	12" Pop-up
Item No.	Description	Part Number				
1	Body Cap/Seal	116901	116901	116901	116901	116901
2	Spring, Return	N/A	N/A	N/A	N/A	N/A
3	Ratchet Mechanism	113363	113363	113363	113363	113363
4	Riser	N/A	N/A	OBSOLETE	OBSOLETE	OBSOLETE
5	Body	N/A	N/A	N/A	N/A	N/A
6	Side inlet plug	N/A	N/A	N/A	107355	107355

# 20 Series 1/2" Full Circle Impact Sprinklers

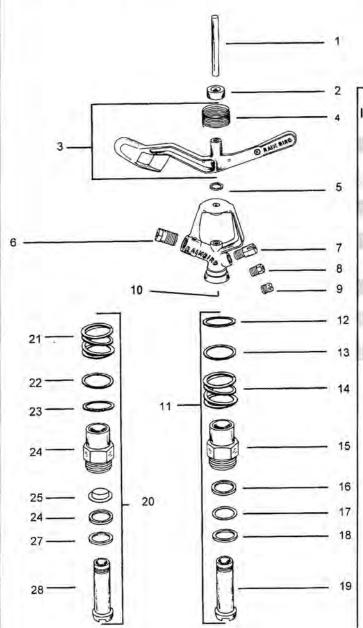


Item #	Description	Model 20 ADJ	Model 20ADJ-B
1	Fulcrum Pin	100793	100793
2	Arm Hood	N/A	N/A
3	Arm Spring Assembly	102259	OBSOLETE
4	Arm Spring	100133	106330
5	Arm Washer	N/A	N/A
6	Nozzle & Vane Assembly*	101092-10	101092-10
	Adjustment Screw	OBSOLETE	OBSOLETE
	Spring, Adjustment Screw	OBSOLETE	OBSOLETE
	Bearing Assembly (curren	t style)	
7	Complete Assembly		
	(incl. #11, 13, 14)	109220	109220
11	Bearing Sleeve (brass)	N/A	N/A
13	Wear Washer (white)	100132	100132
14	Bearing Nipple	N/A	N/A
	Bearing Assembly (old TN	T style)	
7	Complete Assembly	- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	
	(incl. #8-10, 12-14)	109220	
8	Skirted Top Seal Washer (bla	ack) 100180	
9	Top Seal Washer (white)	OBSOLETE	1
10	Bearing Spring	RCO650012	
11	Bearing Sleeve (brass)	N/A	
12	Wear Ring (T-ring) (white)	100586	
13	Bearing Washer (black)	OBSOLETE	
14	Bearing Nipple	100178	





## 30 Series 3/4" Full Circle Impact Sprinklers



		30 H	30 TNT
tem #	Description	Series	Series
1-	Fulcrum Pin	101157	101157
2	Arm Hood	100968	100968
3	Arm/Spring Assembly	104050	104050
4	Arm Spring	100305	100305
5	Arm Washer	100270	100270
6	Drive Nozzles* O Straight Bore Straight Bore with Vane	BSOLETE	OBSOLETE
	(E Models)	106131	106131
	Keyhole	106353	
	Low Pressure	100555	
7	Spreader Nozzles*	104550	INA
		BSOLETE	OBSOLETE
	. 509.00	100226	100226
8	20 Degree Low Pressure	100220	100220
8		104571	NIZA
	Spreader Nozzle	104571	N/A
9	Spreader Plug (W Nozzi		
	Vane (E Models)	105816	105816
	Bearing Assembly (cur	rrent style)	
	Conversion Kit (TNT to I	H)	110048
11	Bearing Sleeve (brass)	104152	104152
12	Top Seal Washer (green	) 103709	103709
13	Wear Washer (white)	100312	100312
14	Bearing Spring	106237	106237
15	Bearing Sleeve	103670	103670
16	Bearing Washer (black)	100726	100726
17	Wear Washer (orange)	103058	103058
18	Seal Washer (gray)	102345	102345
19	Bearing Nipple	103669	103669
	Bearing Assembly (old	TNT style)	
21	Bearing Spring	· · · · · · · · · · · · · · · · · · ·	100272
22	Skirted Top Seal Washe	r (black)	100297
23	Top Seal Washer (white)		100298
24	Bearing Sleeve (brass)		N/A
	Wear Ring (T-ring) (oran	lan	OBSOLETE
26	Bearing Washer (black)	90)	OBSOLETE
27	Seal Washer (Grey)	100	OBSOLETE
28	Bearing Nipple	32 -	100302
	Dodning Mppic		100002

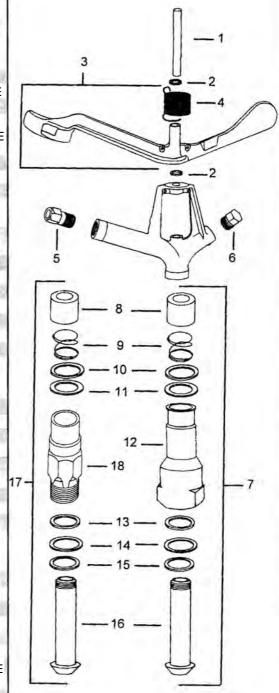
#### 70 Series 1" Full Circle Impact Sprinklers



Item #	Description	70EWH 70EW TNT 70EH 70 E TNT	70 CWH 70CW TNT 70EPSH 70ESPTNT
1	Fulcrum Pin	100348	100348
2	Arm Washer	OBSOLETE	S Office and
	Arm/Spring Assembly	N/A	105879
4	THE REPORT OF THE PARTY OF THE	100349	100349
5		OBSOLETE	
6	Plug	OBOOLLIL	100417
	Bushing		100418
	20 Degree Spreader Nozzle		100226
	Body Vane	100695	100695
	Bearing Assembly (Female H Sty	le)	
7	Complete Assembly (NPT)	104041	104041
8	Service and a contract of the service of the servic	103119	103119
	Bearing Spring	100620	100620
10		100312	100312
	Top Seal Washer (white)	103115	103115
12	Annual transfer and the state of the state o	105907	105907
	Bearing Washer (black)	104038	104038
	Wear Washer (orange)	104037	104037
15	and the state of t	104037	104038
16		100390	100390
47	Bearing Assembly (Male H Style) Complete Assembly (incl. 8-16, 18)		108726
17		103119	103119
8		- SECOND LINGS OF SECOND	
9		100620	100620
10	Metal Top Seal Washer	100312	100312
11	Top Seal Washer (white)	103115	103115
18		N/A	N/A
13		104038	104038
14	and the same of th	104037	104037
16	Bearing Washer (black) Bearing Nipple	104038 100390	104038 100390
	Bearing Assembly (old TNT Style		
8		103119	103119
9	Bearing Spring	100620	100620
10		100312	100020
11	Top Seal Washer (white)	103115	103115
12 or 18		N/A	N/A
13		100389	100389
	Bearing Washer (black)		
	Wear Washer (black)	OBSOLETE	104038
		104038 100390	100390
10	Bearing Nipple	100390	100090

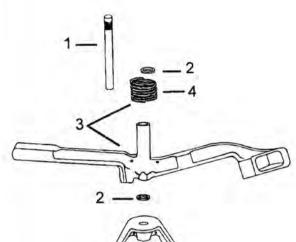
assembly, with H bearing sleeve also install 2 washers (P/N 104038) and

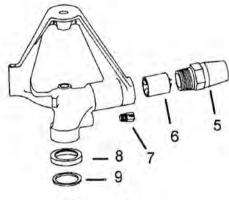
1 washer (P/N) 104037





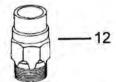
#### **80E Series** 11/4" Full Circle Impact Sprinklers









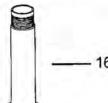




R B

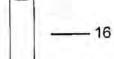
N D

\_ 15



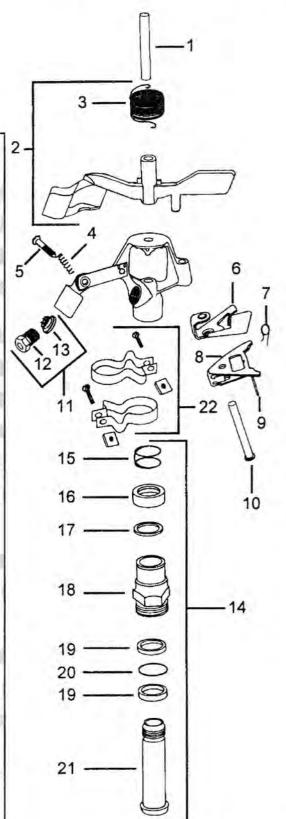
Item #	Description	Part #
1	Fulcrum Pin	100430
2	Arm Washer	100432
3	Arm/Spring Assembly	105955
4	Arm Spring	100431
5	Range Nozzle*	OBSOLETE
6	Nozzle Vane	101275
7	20 Degree Spreader Nozzle*	100226
	Plug	100255
	Bearing Assembly	
	Complete Assembly	
	(H Style) (incl.8-16)	104640
8	Top Seal Washer,	
	Upper (black)	RCO120006
9	Brass Top Seal Washer	RCO330036
10	Bearing Spring	RCO650009
11	Top Seal Washer, Lower (blad	ck) N/A
12	Bearing Sleeve	N/A
13	Bearing Washer (black)	104637
14	Wear Washer (orange)	104639
15	Bearing Washer (black)	104638
16	Bearing Nipple	N/A
	Bearing Assembly (old TNT	Style)
9	Brass Top Seal Washer	RCO330036
	Top Seal Washer (clear white	100444
10	Bearing Spring	OBSOLETE
13	Bearing Washer (fiber)	100129
16	Bearing Nipple	N/A

Bearing Assembly





Item #	Description	Part #
	Upper Assembly	
1	Fulcrum Pin	100793
2	PJ Arm Spring Assembly	115325
3	PJ Arm Spring	104933
2	Spoon Arm Spring Assembly	102259
3	Spoon Arm Spring	100133
4	Spring, Adjustment Screw	OBSOLETE
5	Adjustment Screw	RCO650007
	Trip Mechanism*	
6	Upper Trip	108994
7	Trip Spring **	105720
8	Lower Trip Assembly (full or part)	110124
9	Trip Lever	109484
	Lower Trip (PC only)	110496
10	Trip Pin Kit (older models)	107075
	Nozzles ***	
11	Nozzle and Vane Assembly (25-B Serie	
11	ADJ Nozzle Assembly	101092
	Vane	101618
11	DA Nozzle Assembly	OBSOLET
	Vane (Not Shown)	101618
	Bearing Assembly	
14	Complete Assembly (25 Series)	106181
	Complete Assembly (25 B Series)	110950
15	Bearing Spring (B Series)	OBSOLETE
16	Skirted Top Seal Washer (black)	100180
17	Top Seal Washer (white)	OBSOLETE
18	Bearing Sleeve (brass)	N/A
19	Bearing Washer (fiber)	100132
	Bearing Washer (black) B Series	OBSOLET
20	Wear Washer (white)	OBSOLET
21	Bearing Nipple	100178
22	Friction Collars STD (incl. w/ 106181)	104906
	Friction Collars, Locking	101137
	der models, both upper and lower trips m older sand cast trips, use trip spring # 20	



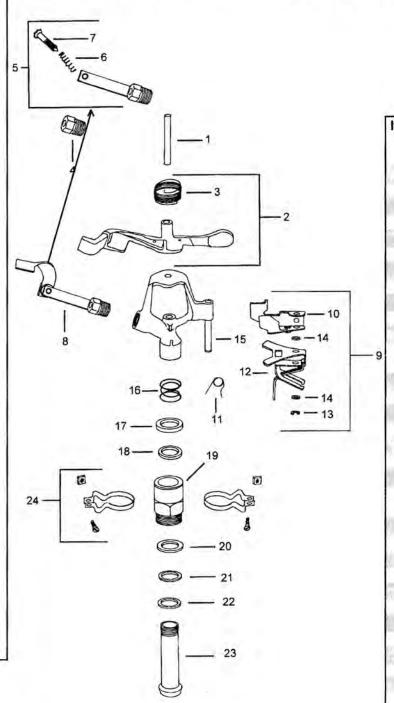
A I I R N D



## 35 Series 3/4" Part Circle Impact Sprinklers

Description

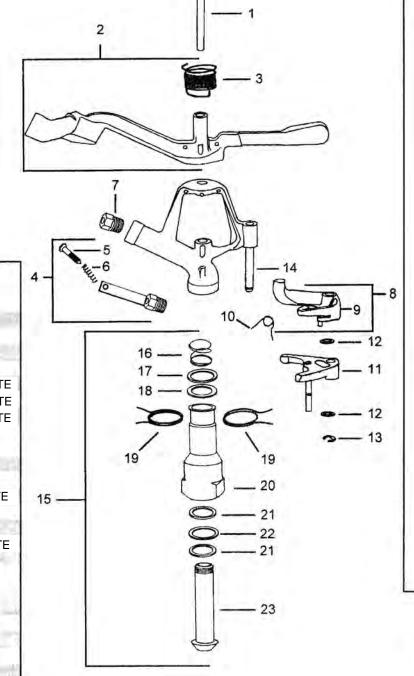
Part#



item #	Description	raitm
	Upper Assembly	
1	Fulcrum Pin	101157
2	PJ Arm Spring Assembly	102568
3	PJ Arm Spring	100305
2	Arm Spring Assembly, STD	102567
3	Arm Spring, STD	100305
4	Standard Range Nozzle *	OBSOLETE
	Keyhole Nozzle *	106353
5	ADJ Nozzle Assembly	100328
6	Spring, Adjustment Screw	OBSOLETE
7	Adjustment Screw	OBSOLETE
8	DA Nozzle *	100332
	Trip Mechanism	
9	Upper and Lower Trip Kit	114653
10	Upper Trip	N/A
11	Trip Spring	100158
12	Lower Trip Assembly	114318
13	E Ring	RCO350000
14	Spacer Washers (2)	RCO330001
15	Trip Shaft	100320
	Bearing Assembly (New TNT S	Style)
	Bearing Assembly (New TNT St	yle) 110581
16	Bearing Spring	109539
17	Skirted Top Seal Washer (black)	100297
18	Top Seal Washer (white)	100298
19	Bearing Sleeve	109727
20	Bearing Washer (black)	100726
21	Wear Washer (orange)	103058
22	Bearing Washer Seal (Gray)	OBSOLETE
23	Bearing Nipple	100302
	Friction Collars STD	105773
24	Friction Collars, Locking	101137
	Bearing Assembly (old TNT st	yle)
16	Bearing Spring	100272
17	Skirted Top Seal Washer (black)	100297
18	Top Seal Washer (white)	100298
19	Bearing Sleeve (brass)	N/A
20	Wear Ring (T-ring) (orange)	OBSOLETE
21	Bearing Washer (black)	100726
23	Bearing Nipple	100302
* Specif	v nozzle size when ordering	

## 65 Series 1" Part Circle Impact Sprinklers



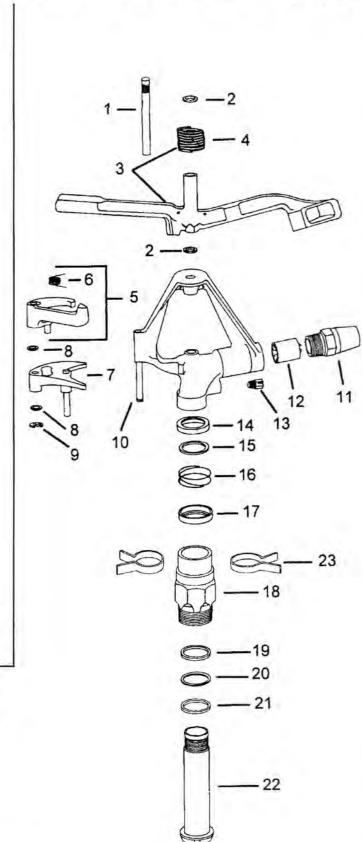


Item #	Description	Part#
	Upper Assembly	
- 1	Fulcrum Pin	100348
2	PJ Arm Spring Assembly	102570
3	PJ Arm Spring	100369
4	ADJ Nozzle Assembly *	100385
5	Adjustment Screw	OBSOLETE
6	Spring, Adjustment Screw	OBSOLETE
- 7	Range Nozzle *	OBSOLETE
	Trip Mechanism	
8	Trip Assembly, Upper	100370
9	Upper Trip	N/A
10	Trip Spring	OBSOLETE
11	Lower Trip Assembly	100373
12	Spacer Washers (2)	100376
13	E Ring	OBSOLETE
14	Trip Shaft	100365
	Bearing Assembly	
15	Bearing Assembly	106297
16	Bearing Spring	106237
17	Metal Top Seal Washer	100312
18	Top Seal Washer (white)	100313
19	Friction Collars	105774
20	Bearing Sleeve	105907
21	Bearing Washer (black)	104038
22	Wear Washer (orange)	104037
23	Bearing Nipple	100390

\* Specify nozzle size when ordering



### 85E Series 1 1/4" Part Circle Impact Sprinklers

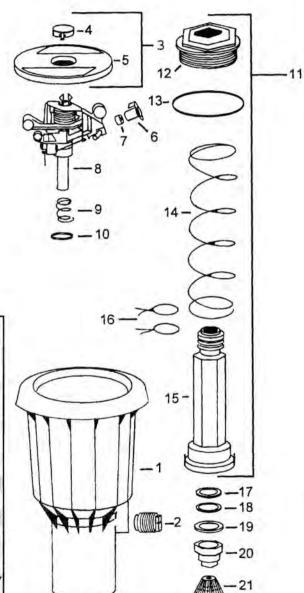


tem #	Description	Part #
	Upper Assembly	
1	Fulcrum Pin	100430
2	Arm Washer	100432
3	Arm/Spring Assembly	105955
4		100431
	Trip Mechanism	
5	Trip Assembly, Upper	100707
6	Trip Spring	OBSOLETE
7	Trip Assembly, Lower	105856
8	Spacer Washers	100376
9	E Ring	OBSOLETE
10	Trip Shaft (included with #7)	N/A
III EVO	Nozzles*	
11	Range Nozzle*	OBSOLETE
12	Nozzle Vane*	101275
11	Low Pressure Nozzle*	OBSOLETE
13	20 Degree Spreader Nozzle*	
-	Plug	100255
	Bearing Assembly (new H	style)
	Complete Assembly	No. 1 aug.
- 1	(H Style) (incl.14-22)	104640
14	Top Seal Washer, Upper (bla	
15	Brass Top Seal Washer	RCO330036
16	Bearing Spring	RCO650009
17	Top Seal Washer, Lower (blad	ck) N/A
18	Bearing Sleeve	
	(order complete assy.)	N/A
19	Bearing Washer (black)	104637
20	Wear Washer (orange)	104639
21	Bearing Washer (black)	104638
22	Bearing Nipple	N/A
23	Friction Collars	100904
	Bearing Assembly (old TNT	
14	Top Seal Washer, Upper (black	ck)RCO120006
15	Brass Top Seal Washer	RCO330036
16	Bearing Spring	RCO650009
17	Top Seal Washer, Lower (black	ck) OBSOLETE
18	Bearing Sleeve**	N/A
19	Bearing Washer (black)	104637
20	Wear Washer (orange)	104639
21	Bearing Washer Seal (gray)	104638
22	Bearing Nipple **	N/A
-	Friction Collars	100904

\*\* Not available, use H bearing assembly # 104660

## 15103 and 2045 Series Plastic Pop-up Impact Sprinklers





Item #	Description	15103	2045
1	Case Assembly	OBSOLETE	OBSOLETE
2	Plug	OBSOLETE	OBSOLETE
3	Cover Kit (includes #4-5)	206973	208001
6	Low Angle Nozzle *	OBSOLETE	<b>OBSOLETE</b>
	Standard Nozzle *		OBSOLETE
7	Vane		OBSOLETE
	Internal Assembly (incl. 8-	21)*206678	OBSOLETE
8	Head Assembly		206638
	Diffuser Screw	203933	203933
	Trip Screw	207740	207740
9	Upthrust Spring	N/A	N/A
10	Bearing Washer	N/A	N/A
11	Pop-up Sleeve Assembly	202415	202415
12	Guide Nut	204555	204555
13	O-Ring Seal	RCO110037	RCO110037
14	Retract Spring (order #11)	N/A	N/A
15	Guide Sleeve	203171	203171
16	Friction Collars	203148	203148
17-20	Bearing Washer Kit	202190	202190
21	Inlet Screen	202076	202076
	SAM Inlet Screen		205396
	Service Wrench	42064	42064

\* Specify nozzle size when ordering

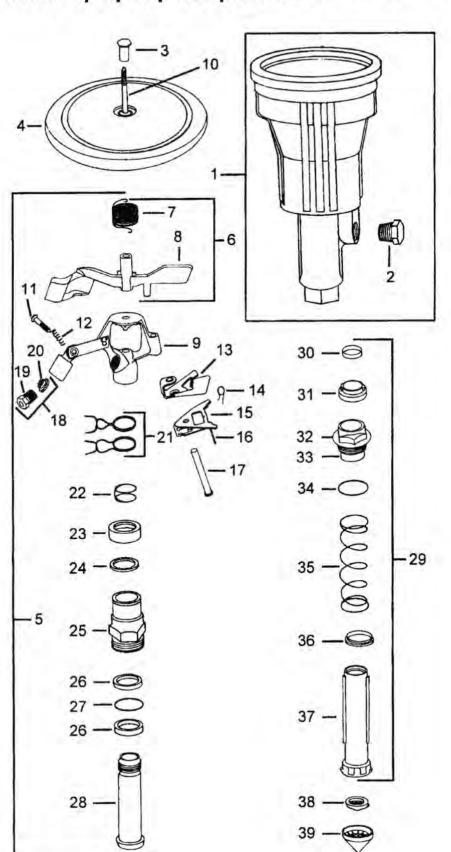


# RAIN BIRD. 15111 Series Plastic Case Pop-up Impact Sprinklers

Item #	Description	15111A	15111B
1	Case Assembly	OBSOLETE	OBSOLETE
2	Plug	102496	102496
3	Cover	100781	100781
4	Cover Retainer	OBSOLETE	OBSOLETE
5	Internal Assembly	OBSOLETE	OBSOLETE
9.50	Head Assembly	OBSOLETE	OBSOLETE
6	PJ Arm Spring Assembly	15 - T	115325
7	Arm Spring	100133	104933
10	Fulcrum Pin	100780	100780
11	Adjustment Screw		<b>OBSOLETE</b>
12	Spring, Adjustment Screw		OBSOLETE
	Trip Mechanism		
13	Upper Trip	108994	108994
14	Trip Spring	105720	105720
15	Lower Trip Assembly (full or part)	110124	110124
16	Trip Lever	109484	109484
17	Trip Pin Kit	107075	107075
	Nozzles *		
18	Nozzle and Vane Assembly (B Ser	ries)	OBSOLETE
18	ADJ Nozzle Assembly		
12	Spring		OBSOLETE
11	Adjustment Pin		OBSOLETE
20	Vane	101618	
18	DA Nozzle Assembly	101093	<b>OBSOLETE</b>
20	Vane	101618	
	Bearing Assembly		
21	Friction Collars	104906	104906
22	Bearing Spring	RCO650012	RCO650012
23	Skirted Top Seal Washer (black)	100180	100180
24	Top Seal Washer (white)	OBSOLETE	OBSOLETE
25	Bearing Sleeve (brass)	N/A	N/A
26	Bearing Washer (black) B Series	OBSOLETE	<b>OBSOLETE</b>
27	Wear Washer (white)	OBSOLETE	<b>OBSOLETE</b>
28	Bearing Nipple	100178	100178
29	Pop-up Sleeve Assembly (incl. 30-	37)OBSOLETE	OBSOLETE
39	Inlet Screen	103457	103457
	Bearing Service Kit (incl. 30-31, 34	1-36) 114564	114564
	SERVICE WRENCH	41045	41045

# Plastic Case Pop-up Impact Sprinklers RAIN BIRD.

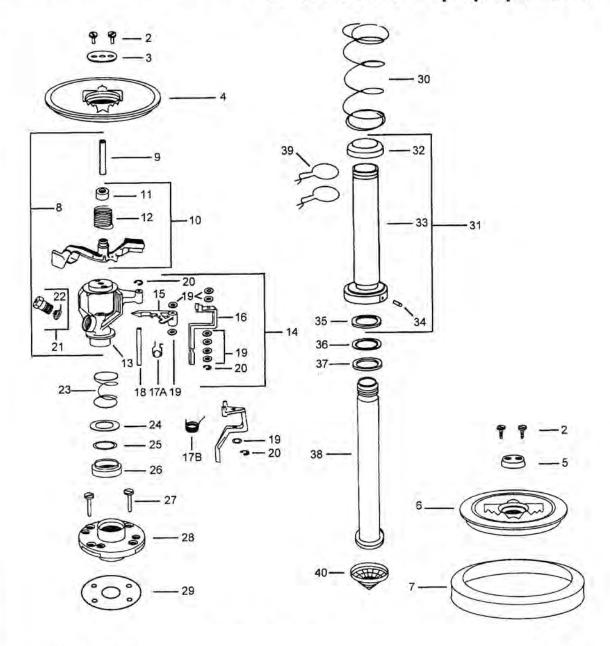




N D



## 27, 37, 47 A & AP Series Part Circle Rotor Pop-up Sprinklers



Item #	Description Case and Cover Assemblies	27A/AP	37A/AP	47A/AP
1	Case, Metal	208512	208512	208512
1A	Case, Plastic	OBSOLETE	OBSOLETE	OBSOLETE
2	Cover Screws, Standard	200974	200974	200974
	Cover Screws, Vandal Resistant	200829	200829	200829
3	Retainer, Metal	OBSOLETE	OBSOLETE	OBSOLETE
4	Aluminum Cover	200415	200415	200415
4	Plastic Cover	208227	208227	208227
5	Retainer, Rubber	200741	200741	200741
6	Cover, Rubber	OBSOLETE	OBSOLETE	OBSOLETE
7	Rubber Case Ring Continued on next page	200053	200053	200053

#### R B A I I R N D

### 27, 37, 47 A & AP Series Part Circle Rotor Pop-up Sprinklers



Item #	Description Upper Assembly	27A/AP	37A/AP	47A/AP
8	Arm/Body Assembly	200118	200124	200132
9	Fulcrum Pin	200025	200025	OBSOLETE
10	Arm Spring Assembly (incl. 11 & 12)	203723	203724	203725
11	Arm Hood	200924	200924	200924
12	Arm Spring	200027	200089	200089
13	Body	200055	200055	200092
1 1 - 1	Trip Mechanism			
14	Trip Assembly	203718	203718	203719
15	Inner Trip	200060	200060	200060
17A	Trip Spring	RCO650000	RCO650000	RCO650000
17B	Trip Spring (for Brass Outer Trip)		10 E 10 C	OBSOLETE
18	Trip Shaft	200061	200061	201932
19	Spacer Washers	RCO330000	RCO330000	RCO330000
20	E-Ring			RCO350000
	Nozzles *		Service of	
	ADJ Nozzle Assembly	10109210	10109210	
	Spring	OBSOLETE	OBSOLETE	
	Adjustment Pin	OBSOLETE	OBSOLETE	
21	Range Nozzle Assembly			OBSOLETE
22	Vane			202143
	Bearing Assembly			
23	Bearing Spring	200029	200029	200029
24	Steel Top Washer	OBSOLETE	OBSOLETE	OBSOLETE
25	Teflon Top Seal Washer (white)	200031	200031	200031
26	Buna-N Guide Seal (black)	200042	200042	200042
	Bearing Spring Washer Kit (23,24,26	6) RPK 2	RPK 2	RPK 2
27	Guide Screws (Metal Case)	OBSOLETE	OBSOLETE	OBSOLETE
27	Guide Screws (Plastic Case, P Mode		OBSOLETE	OBSOLETE
28	Bearing Guide	202166	202166	202166
29	Bearing Guide Gasket (Metal Case)	200044	200044	200044
29	Bearing Guide Gasket (Plastic Case)		OBSOLETE	OBSOLETE
30	Retract Spring	201113	201113	201113
31	Bearing Sleeve Assembly	OBSOLETE	OBSOLETE	OBSOLETE
	Bearing Washer Kit (#25,32,35,36,37	7) RPK 3	RPK 3	RPK 3
34	Bearing Sleeve Pin	200064	200064	200064
38	Bearing Nipple	200037	200037	200037
39	Friction Collars	200164	200164	200164
40	Inlet Screen	200006	200006	200006
75.	* Specify nozzle size when ordering			- 15 15. 11.

Repair Kits:

#### Remount Kit:

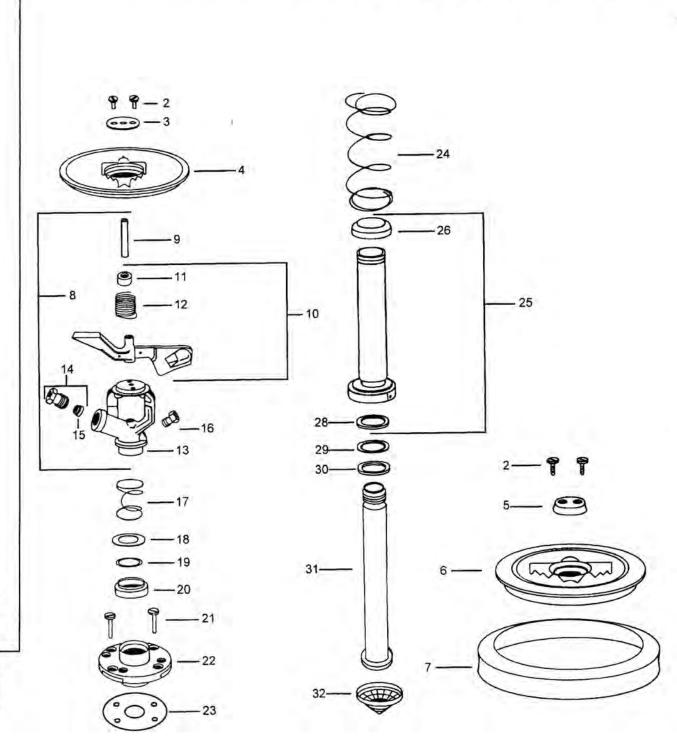
includes guide screws (27), guide gasket (29), and inlet screen (40) RPK #1 Upper Bearing Kit:

includes bearing spring (23), steel washer (24), Buna-N guide seal (26) RPK #2 Upper Bearing Washer Kit:

includes teflon top seal (25), speed washer (36), gold wearing ring (35), Buna-N washer (37), Buna-N lower seal (32) RPK #3



### 21, 31, 41-51 A & AP Series Full Circle Rotor Pop-up Sprinklers



#### R B A I I R N D

#### 21, 31, 41-51 A & AP Series Full Circle Rotor Pop-up Sprinklers



Item #	Description	21A/AP	31A/AP	41-51A/AP
	Case and Cover Assemblies			
1	Case, Metal (Not Shown)	208512	208512	208512
1A	Case, Plastic (Not Shown)	OBSOLETE	OBSOLETE	OBSOLETE
2	Cover Screws, Standard	200974	200974	200974
	Cover Screws, Vandal Resistant	200829	200829	200829
3	Retainer, Metal	OBSOLETE	OBSOLETE	OBSOLETE
4	Aluminum Cover	200415	200415	200415
4	Plastic Cover	208227	208227	208227
5	Retainer, Rubber	200741	200741	200741
6	Cover, Rubber	OBSOLETE	OBSOLETE	OBSOLETE
7	Rubber Case Ring	200053	200053	200053
	Cover, Rubber 1 piece (Not Shown)	OBSOLETE	OBSOLETE	OBSOLETE
	Upper Assembly			
- 8	Arm/Body Assembly	200118	200124	200132
9	Fulcrum Pin	200025	200025	OBSOLETE
10	Arm Spring Assembly (incl. 11 & 12)	203727	203727	OBSOLETE
11	Arm Hood	OBSOLETE	OBSOLETE	OBSOLETE
12	Arm Spring	200027	200089	202384
13	Body	200026	200026	200101
	Nozzles *			
	ADJ Nozzle Assembly	101092-10	101092-10	
	Spring	RCO650007	RCO650007	
	Adjustment Pin	OBSOLETE	OBSOLETE	
14	Plastic Range Nozzle			211203-16
14, 15	Brass Range Nozzle Assembly			OBSOLETE
16	Special Drive Nozzle			201108
	Bearing Assembly			
	Upper Bearing Washer Kit (17,18,20)	RPK 2	RPK 2	RPK 2
21	Guide Screws (Metal Case)	OBSOLETE	OBSOLETE	OBSOLETE
	Guide Screws (Plastic Case, P Models)	OBSOLETE	OBSOLETE	OBSOLETE
22	Bearing Guide	202166	202166	202166
23	Bearing Guide Gasket (Metal Case)	200044	200044	200044
	Bearing Guide Gasket (Plastic Case)	OBSOLETE	OBSOLETE	OBSOLETE
24	Retract Spring	201113	201113	201113
25	Bearing Sleeve Assembly	OBSOLETE	OBSOLETE	OBSOLETE
-30	Bearing Washer Kit (#19, 26, 28, 29, 30)	RPK 3	RPK 3	RPK 3
31	Bearing Nipple	200037	200037	200037
32	Inlet Screen	200006	200006	200006

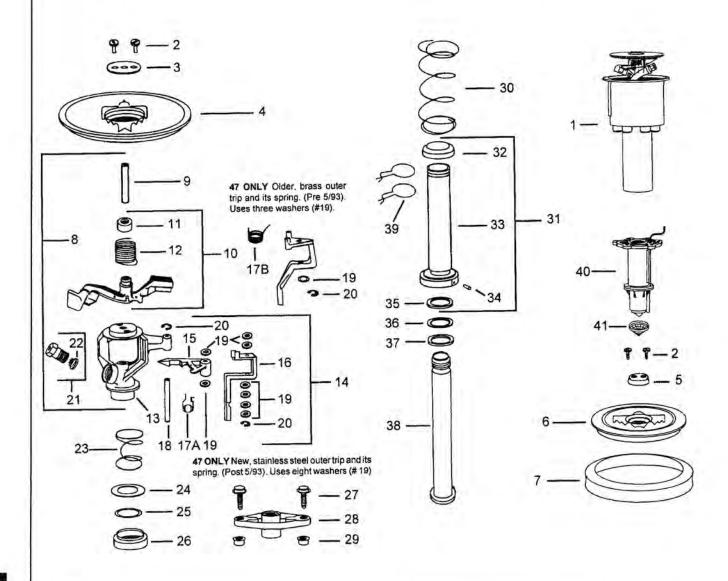
<sup>\*</sup> Specify nozzle size when ordering

Repair Kits:

Remount Kit: includes guide screws (21), guide gasket (23), and inlet screen (32) RPK #1
Upper Bearing Kit: includes bearing spring (17), steel washer (18), Buna-N guide seal (20) RPK #2
Upper Bearing Washer Kit: includes teflon top seal (19), speed washer (29), gold wearing ring (28),
Buna-N washer (30), Buna-N lower seal (26) RPK #3



### 27, 37, 47 SAM & VIH Series Part Circle Rotor Pop-up Sprinklers



R	В
A	
- 17	R
N	D

Item #	Description	27-SAM/VIH	37-SAM/VIH	47-SAM/VIH
	Case and Cover Assemblies			
1	Case, Metal	201283-01	208512	208512
1A	Case, Plastic	203789-01	203789-01	203789-01
2	Cover Screws, Standard	OBSOLETE	OBSOLETE	OBSOLETE
	Cover Screws, Vandal Resistant	200829	200829	200829
3	Retainer, Metal	OBSOLETE	OBSOLETE	OBSOLETE
4	Aluminum Cover	201925	201925	201925
4	Plastic Cover	208227	208227	208227
5	Retainer, Rubber	200741	200741	200741
6	Cover, Rubber	OBSOLETE	OBSOLETE	OBSOLETE
7	Rubber Case Ring	200053	200053	200053
	Continued next page			

#### R B A I I R N D

### 27, 37, 47 SAM & VIH Series Part Circle Rotor Pop-up Sprinklers



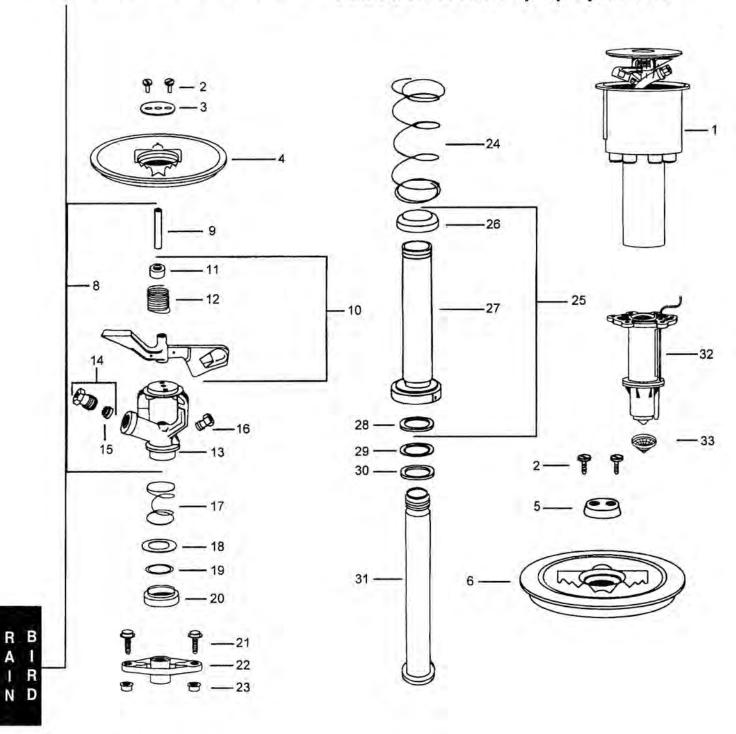
Item #	Description Upper Assembly	27-SAM/VIH	37-SAM/VIH	47-SAM/VIH
0	Arm/Body Assembly	OBSOLETE	200126	200130
8	Fulcrum Pin	200025	200025	OBSOLETE
10	Arm Spring Assembly (incl. 11 & 12)	203723	203724	203725
11	Arm Hood	OBSOLETE	OBSOLETE	OBSOLETE
12	Arm Spring	200027	200089	200089
13	Body	200055	200055	200092
13	Trip Mechanism	200055	200033	200032
14	Trip Assembly	203718	203718	203719
15	Inner Trip	200060	200060	200060
17A	Trip Spring	RCO650000	RCO650000	RC0650000
17B	Trip Spring (for Brass Outer Trip)	11.0000000	1,0000000	OBSOLETE
18	Trip Shaft	200061	200061	201932
19	Spacer Washers	RCO330000	RCO330000	RC0330000
20	E-Ring			RC0350000
	Nozzles *			
	ADJ Nozzie Assembly	10109210	10109210	
	Spring	OBSOLETE	OBSOLETE	
	Adjustment Pin	OBSOLETE	OBSOLETE	
21	Range Nozzle Assembly			OBSOLET
22	Vane	1000		202143
	Bearing Assembly			202110
	Upper Bearing Washer Kit (23,24,26)	RPK 2	RPK 2	RPK 2
27	Guide Screws (current style, self-tapping)	204090	204090	204090
	Guide Screws (older style, brass)	201282	201282	201282
	Washer (older style, brass)	201281	201281	201281
	Insert (older style, brass)	201285	201285	201285
28	Bearing Guide	207416	207416	207416
29	Guide Bushings (current style)	204308	204308	204308
30	Retract Spring	201113	201113	201113
31	Bearing Sleeve Assembly	OBSOLETE	OBSOLETE	OBSOLETE
- 5%	Bearing Washer Kit (#25,32,36,37,38)	RPK 3	RPK 3	RPK 3
38	Bearing Nipple	200037	200037	200037
39	Friction Collars	200164	200164	200164
40	SAM Sprinkler Housing Assembly	205679	205679	205679
	Screw, Housing	206650	206650	206650
	Upper Housing Seal	OBSOLETE	OBSOLETE	OBSOLETE
	Lower Housing Seal	201079	201079	201079
	Vent Tube	201158	201158	201158
	Valve Tube	201159	201159	201159
41	Inlet Screen	200006	200006	200006
	VIH Solenoid Assembly	206920-01	206920-01	206920-01
	Solenoid Coil Only	602118	602118	602118
	Selector Valve Repair Kit	OBSOLETE	OBSOLETE	OBSOLETE
	* Specify nozzle size when ordering		02002212	

Repair Kits:

Remount Kit: includes guide screws (27), guide gasket, and inlet screen (41) RPK #1
Upper Bearing Kit: includes bearing spring (23), steel washer (24), Buna-N guide seal (26) RPK #2
Upper Bearing Washer Kit: includes teflon top seal (25), speed washer (36), gold wearing ring (35),
Buna-N washer (37), Buna-N lower seal (32) RPK #3



#### 21, 31, 41-51 SAM & VIH Series Full Circle Rotor Pop-up Sprinklers



Item #	Description	21A-SAM/VIH	31A-VIH/SAM	41-51-VIH
	Case and Cover Assemblies			
1	Case, (SAM models only)	201283-01	201283-01	201283-01
2	Cover Screws, Standard Continued next page	200974	200974	200974

# R B I I R I D

#### 21, 31, 41-51 SAM & VIH Series Full Circle Rotor Pop-up Sprinklers



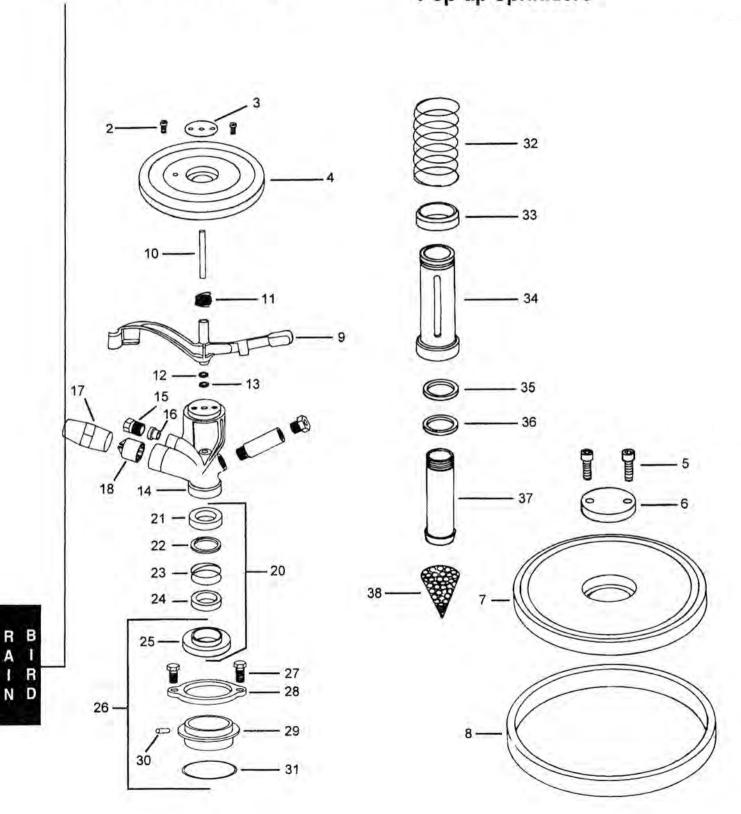
Item #	Description	21A-SAM/VIH	31A-VIH/SAM	41-51-VIH
2	Cover Screws, Vandal Resistant	200829	200829	200829
3	Retainer, Metal	OBSOLETE	OBSOLETE	OBSOLETE
4	Aluminum Cover	201925	201925	201925
4	Plastic Cover	208227	208227	208227
5	Retainer, Rubber	200741	200741	200741
6	Cover, Rubber 1 piece	OBSOLETE	OBSOLETE	OBSOLETE
	Upper Assembly			
8	Arm/Body Assembly	200118	200124	200132
9	Fulcrum Pin	200025	200025	OBSOLETE
10	Arm Spring Assembly (incl. 11 & 12)	203727	203727	OBSOLETE
11	Arm Hood	OBSOLETE	OBSOLETE	OBSOLETE
12	Arm Spring	200027	200089	202384
13	Body	200026	200026	200101
	Nozzles *			
à "	ADJ Nozzle Assembly	10109210	10109210	
	Spring	OBSOLETE	OBSOLETE	
	Adjustment Pin	OBSOLETE	OBSOLETE	
14	Plastic Range Nozzle			211203
14	Brass Range Nozzle Assembly	441		OBSOLETE
16	Special Drive Nozzle			201108
	Bearing Assembly			
	Upper Bearing Washer Kit (17, 18, 20)	RPK 2	RPK 2	RPK 2
21	Guide Screws (current style, self-tapping)	204090	204090	204090
	Guide Screws (older style, brass)	206453	206453	206453
	Washer (older style, brass)	201281	201281	201281
	Insert (older style, brass)	201285	201285	201285
22	Bearing Guide	207416	207416	207416
23	Guide Bushings (current style)	204308	204308	204308
24	Retract Spring	201113	201113	201113
25	Bearing Sleeve Assembly	202068	202068	202068
	Bearing Washer Kit (#19, 26, 28, 29, 30)	RPK 3	RPK 3	RPK 3
31	Bearing Nipple	200037	200037	200037
32	SAM Sprinkler Housing Assembly	205679	205679	205679
	Screw, Housing	206650	206650	206650
1,043	Upper Housing Seal	OBSOLETE	OBSOLETE	OBSOLETE
	Lower Housing Seal	201079	201079	201079
	Vent Tube	201158	201158	201158
	Valve Tube	201159	201159	201159
33	Inlet Screen	200006	200006	200006
- 00	VIH Solenoid Assembly	206920-01	206920-01	206920-01
	Selector Valve Repair Kit	OBSOLETE	OBSOLETE	OBSOLETE

<sup>\*</sup> Specify nozzle size when ordering

#### Repair Kits:

Remount Kit: includes guide screws (21), guide gasket, and inlet screen (33) RPK #1
Upper Bearing Kit: includes bearing spring (17), steel washer (18), Buna-N guide seal (20) RPK #2
Upper Bearing Washer Kit: includes teflon top seal (19), speed washer (29), gold wearing ring (28),
Buna-N washer (29), Buna-N lower seal (26) RPK #3

RAIN BIRD. 81 and 87 Series Full and Part Circle Rotor **Pop-up Sprinklers** 



### 81 and 87 Series Full and Part Circle Rotor RAIN BIRD. **Pop-up Sprinklers**



Item #	Description	81 Series	87 Series
1	Case, Metal	N/A	N/A
2	Cover Screws	200104	200104
3	Retainer, Metal	N/A	200105
4	Metal Cover	N/A	N/A
<u> 1</u> 2000	Rubber Cover Kit (includes 5-8)	209352	209352
5	Cover Screws	201265	201265
6	Retainer, Rubber	N/A	201262
7	Cover, Rubber	N/A	N/A
8	Rubber Case Ring	N/A	N/A
	Upper Assembly		
	Arm/Body Assembly	N/A	N/A
9	Arm, PJ	OBSOLETE	OBSOLETE
10	Fulcrum Pin	OBSOLETE	OBSOLETE
11	Arm Spring	RCO650013	RCO650013
12	Arm Washer	N/A	OBSOLETE
13	Arm Wear Washer	N/A	204534
14	Body	N/A	N/A
	Upper Trip Shaft (Not Shown)		N/A
	Lower Trip Shaft (Not Shown)		N/A
	Lower Trip Pin (Not Shown)		N/A
	Trip Mechanism		
	Upper Trip Assembly (Not Shown)		200773
J. 73	Lower Trip Assembly (Not Shown)	Market State	200761
	Trip Spring (Not Shown)		N/A
u s	Trip Washer Kit (Not Shown)		209361
	Trip Spacers SS (Not Shown)		N/A
1 =	Spacer Washer, Brass (Not Shown)		N/A
	E-Rings (Not Shown)		RCO350000
	Nozzles *		
15	Drive Nozzle	OBSOLETE	105842
17	Range Nozzle	OBSOLETE	OBSOLETE
18	Range Vane	N/A	N/A
16	Drive Vane	202143	202143
20	Upper Bearing Assembly Kit (includes 21 -	25)OBSOLETE	OBSOLETE
21	Upper Top Seal Washer	RCO120006	RCO120006
22	Steel Top Seal Washer	RCO330036	RCO330036
23	Bearing Spring	RCO650009	RCO650009
24	Lower Top Seal Washer	OBSOLETE	OBSOLETE
25	Top Guide Seal	RCO110118	RC0110118
27	Bearing Guide Screws	200799	200799
	Bearing Washer Kit (includes 33, 35, 36)	203735	203735
	Friction Collars (Not Shown)		RCO650010
34	Bearing Sleeve	N/A	N/A
37	Bearing Nipple	N/A	N/A
38	Filter Screen	200809	200809
	* Specify nozzle size when ordering Note: Availablity subject to change Please call to verify stock.		THE STATE OF THE S

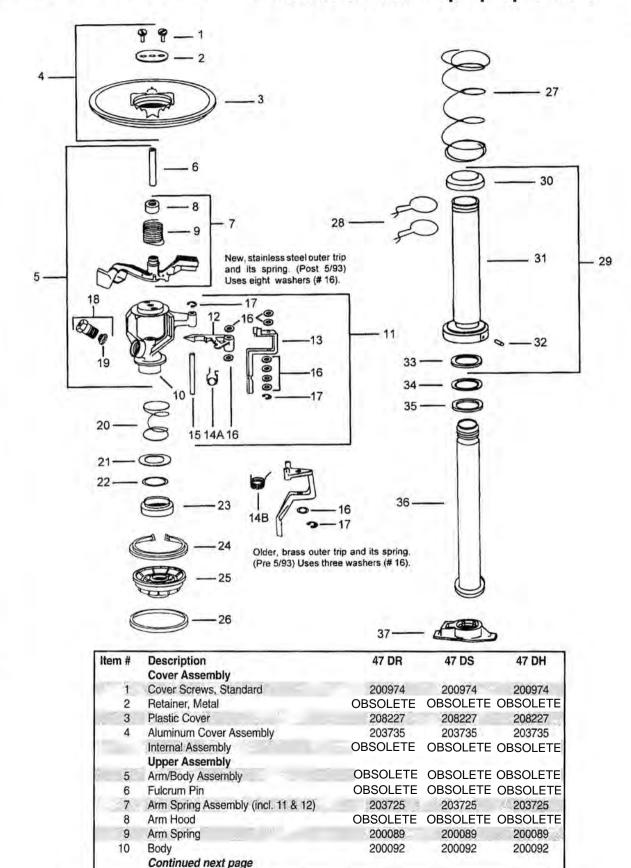


R B

N D

R

### 47 DR Series Part Circle Rotor Pop-up Sprinklers



## 47 DR Series Part Circle Rotor Pop-up Sprinklers

\* Specify nozzle size when ordering

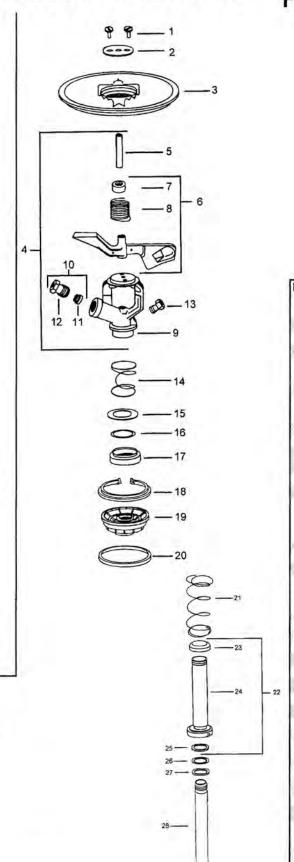


Item #	Description Trip Mechanism	47 DR	47 DS	47 DH
941	Trip Repair Kit (includes 12-17)	203719	203719	203719
11		200060	200060	200060
12	Inner Trip	N/A	N/A	N/A
13	Outer Trip		209363	
14	Trip Spring	209363		209363
14B	Trip Spring-Brass Outer Trip (not in #11)	RCO650000	RCO650000	RCO650000
15	Trip Shaft	201932	201932	201932
16	Spacer Washers		OBSOLETE	
17	E Ring Nozzles *	200975	200975	200975
18	Brass Range Nozzle Assembly		OBSOLETE	
19	Vane Bearing Assembly	202143	202143	202143
	Upper Bearing Washer Kit (20,21,23)	RPK2	RPK2	RPK2
20	Bearing Spring	200029	200029	200029
21	Steel Top Seal Washer	RCO350001	RCO350001	RCO35000
22	Teflon Top Seal Washer	200031	200031	200031
23	Buna N Guide Seal (black)	200042	200042	200042
24	Upper Snap Ring	208395	208395	208395
25	Bearing Guide, Plastic	207569	207569	207569
	Bearing Guide Ring	207415	207415	207415
26	Seal, Bearing Guide	211239	211239	211239
27	Retract Spring	201113	201113	201113
28	Friction Collars (2)	<b>OBSOLETE</b>	OBSOLETE	OBSOLETE
29	Bearing Sleeve Assembly	OBSOLETE	OBSOLETE	<b>OBSOLETE</b>
30	Buna-N Lower Seal, Black	200036	200036	200036
31	Bearing Sleeve	N/A	N/A	N/A
32	Bearing Sleeve Pin	200064	200064	200064
33	Wear Ring (gold)	201608	201608	201608
34	Teflon Speed Washer	RCO320000	RCO320000	RC0320000
35	Buna-N Washer Seal (Gray)	RC0310000	RCO310000	RC0310000
	Bearing Washer Kit (#22,30,33,34,35)	OBSOLETE		
36	Bearing Nipple	200037	200037	200037
37	Part Circle Adapter	203936	203936	203936
	One-Piece Case Assemblies (post 5/93)			
38	Case Assembly	207955-03	208456-01	208564-01
39	PRS/Selector Assembly (#31-43)	210808-03		
	PRS/Selector Repair Kit (#32,35,36)	210166		
46	O-Ring, Solenoid Base	RCO110007	E Completenance	
51	Tubing	205920-02	205920-02	4000
52	Ferrule, Barbed	206409		
53	Solenoid Assembly (#38-47)	206920-01	-	
57	Snap Ring, Lower	208396	208396	208396
58	HFDV Valve Assembly	207653	208440	208440
	HFDV Repair Kit	207594	208439	208439
59	Screen, Inlet New PRS/Selector Valve Assy. w/ Adpt.	209923	209923	209923
39	PRS/Selector Assembly (#31-43) Old Selector Valve Repair Parts	210808-03		
	Selector Valve Stem Repair Kit  2 Piece Case Parts	210069		
57	Snap Ring, Lower	208396	208396	208396
58	HFDV Valve Assembly	207653	208440	208440
8	HFDV Repair Kit	207594	208439	208439
6.	Inlet Adapter	207654	207654	207654



### 51 DR Series Full Circle Rotor Pop-up Sprinklers

Description

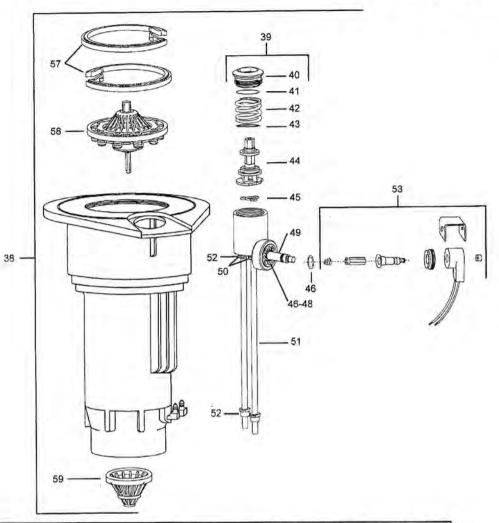


	Cover Assembly			
1	Cover Screws, Standard	200974	200974	200974
2	Retainer, Metal	OBSOLETE	OBSOLETE	OBSOLETE
3		208227	208227	208227
	Internal Assembly			
	Internal Assembly	204130-18-11.5	240130-18-11.5	240130-18-11.5
	Upper Assembly			
4	Arm/Body Assembly	200132	200132	200132
5	Fulcrum Pin	OBSOLETE	OBSOLETE	OBSOLETE
6	Arm Spring Assembly (incl. 7 & 8)	OBSOLETE	OBSOLETE	OBSOLETE
7	Arm Hood	OBSOLETE	OBSOLETE	OBSOLETE
8	Arm Spring	202384	202384	202384
9	Body	OBSOLETE	OBSOLETE	OBSOLETE
	Nozzles *			
10	Brass Range Nozzle Assem	bly OBSOLET	E OBSOLETE	OBSOLETE
11	Vane	201230	201230	201230
- 12	Plastic Range Nozzle	211203	211203	211203
13	Drive Nozzle	201108	201108	201108
	Bearing Assembly			
	Upper Bearing Washer Kit	12000	Carrier .	
100	(14,15,17)	RPK2	RPK2	RPK2
14	Bearing Spring	200029	200029	200029
15	Steel Top Seal Washer	OBSOLETE	OBSOLETE	OBSOLETE
16	Teflon Top Seal Washer	200031	200031	200031
17	Buna N Guide Seal (black)	200042	200042	200042
18	Upper Snap Ring	208395	208395	208395
19	Bearing Guide, Plastic	207569	207569	207569
54.2	Bearing Guide Ring	207415	207415	207415
20	Seal, Bearing Guide	211239	211239	211239
21	Retract Spring	201113	201113	201113
22	Bearing Sleeve Assembly	OBSOLETE	OBSOLETE	OBSOLETE
23	Buna-N Lower Seal, Black	200036	200036	200036
25	Wear Ring (gold)	201608	201608	201608
26	Teflon Speed Washer	RCO320000	RCO320000	RCO320000
27	Buna-N Washer Seal (Gray)	RCO310000	RCO310000	RCO310000
	Bearing Washer Kit	2216	DDIG	
100	(#16, 23, 25, 26, 27)	RPK3	RPK3	RPK3
28	Bearing Nipple	200037	200037	200037
	* Specify nozzle size when o	ordering		

51 DS

51 DH

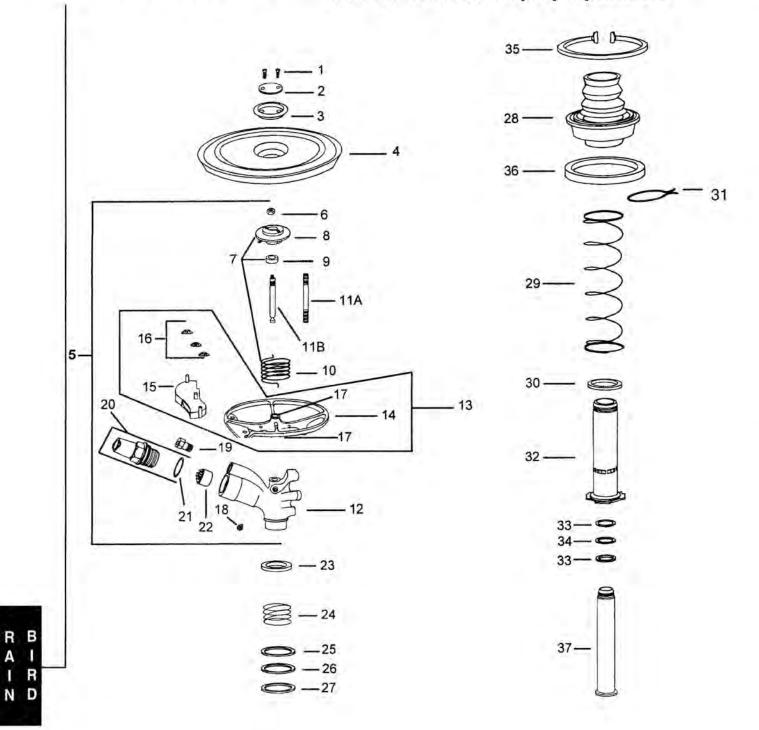




Item #	Description	47/51 DR	47/51 DS	4751 DH
	One-Piece Case Assemblies (post 5/93)			
38	Case Assembly	207955-03	208456-01	208564-01
39	PRS/Selector Assembly (#31-43)	210808-03		
	PRS/Selector Repair Kit (#32,35,36)	210166		
46	O-Ring, Solenoid Base	202882		
51	Tubing	205920-02	205920-02	
52	Ferrule, Barbed	206409		ŭ.
53	Solenoid Assembly (#38-47)	206920-01		
57	Snap Ring, Lower	208396	208396	208396
58	HFDV Valve Assembly	207653	208440	208440
	HFDV Repair Kit	207594	208439	208439
59	Screen, Inlet	209923	209923	209923
	New PRS/Selector Valve Assy. w/ Adpt.			
39	PRS/Selector Assembly (#31-43)	210808-03		
	Old Selector Valve Repair Parts			
	Selector Valve Stem Repair Kit	210069		
	2 Piece Case Parts			
57	Snap Ring, Lower	208396	208396	208396
58	HFDV Valve Assembly	207653	208440	208440
	HFDV Repair Kit	207594	208439	208439
	Inlet Adapter	207654	207654	207654
	Inlet Screen	OBSOLETE	OBSOLETE	OBSOLETE



#### 91 DR Series Full Circle Rotor Pop-up Sprinklers



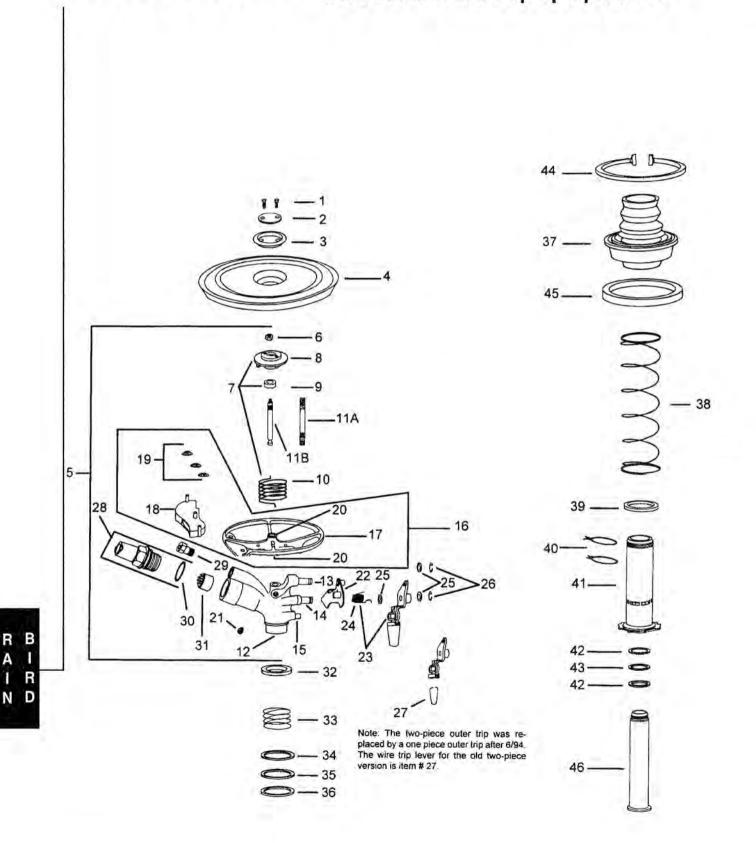
# Full Circle Rotor Pop-up Sprinklers RAIN BIRD.



cription	91 DR	91 DS	91 DH
er Assembly			
er Screws, Standard	200974	200974	200974
iner, Metal	202685	202685	202685
tic Sand Cover	204749	204749	204749
tic Cover rnal Assembly	208625	208625	208625
nal Assembly er Assembly	208237-30-15	208237-30-15	208237-30-15
Body Assembly //Fulcrum Pin Assembly	OBSOLETE 202686	OBSOLETE 202686	OBSOLETE 202686
rum Nut	N/A	N/A	N/A
er Support Assembly (incl. 8-9)	203285	203285	203285
Spring	202699	202699	202699
rum Pin (non threaded)	N/A	N/A	N/A
rum Repair Kit (includes 6 & 11A)	211022	211022	211022
/	N/A	N/A	N/A
Assembly	203944	203944	203944
	N/A	N/A	N/A
ube Assembly	204723	204723	204723
nnut (3)	203638	203638	203638
Bushings	202826	202826	202826
er Non-Threaded Fulcrum Pin Par	ts		27/200
er Support Assembly	203285	203285	203285
rum Pin Repair Kit (Non-Threaded)	210068	210068	210068
Screw	209803	209803	209803
zles			
Nozzle	206081	206081	206081
ge Nozzle Assembly*	204182	204182	204182
ng	203316	203316	203316
	202441	202441	202441
ring Assembly (Sandboot Style)			
ing Washer Kit (23,24,25-27,30,33,	34) 204179	204179	204179
dboot Kit (#25-34)	208468	208468	208468
ion Collar	202429	202429	202429
ing Sleeve Assembly	203126	203126	203126
er Snap Ring	208395	208395	208395
, Bearing Guide	211239	211239	211239
ing Nipple	202928	202928	202928
er Sna , Bear ring Ni	p Ring ing Guide	p Ring 208395 ing Guide 211239 pple 202928	p Ring 208395 208395 ing Guide 211239 211239 pple 202928 202928



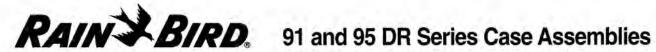
### 95 DR Series Part Circle Rotor Pop-up Sprinklers

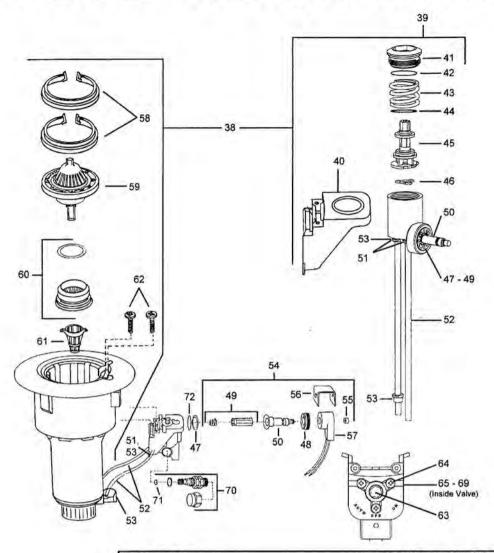


#### 95 DR Series Part Circle Rotor Pop-up Sprinklers



Item #	Description	95 DR	95 DS	95 DH
	Cover Assembly			
1	Cover Screws, Standard	200974	200974	200974
2	Retainer, Metal	202685	202685	202685
3	Plastic Sand Cover	204749	204749	204749
4	Plastic Cover	208625	208625	208625
	Internal Assembly			
	Internal Assembly	208236-30-15	208236-30-15	208236-30-15
	Upper Assembly			
5	Arm/Body Assembly	203122-30-15	203122-30-15	203122-30-15
	Body/Fulcrum Pin Assembly	202686	202686	202686
6	Fulcrum Nut	N/A	N/A	N/A
7	Cover Support Assembly (incl. 8-9)	210428	210428	210428
10	Arm Spring	202699	202699	202699
11B	Fulcrum Pin (non threaded)	N/A	N/A	N/A
6, 11A	Fulcrum Repair Kit (includes 6 & 11A)	211022	211022	211022
12	Body	N/A	N/A	N/A
16	Arm Assembly	203944	203944	203944
17	Arm	N/A	N/A	N/A
18	PJ Tube Assembly	204723	204723	204723
19	Pushnut (3)	203638	203638	203638
20	Arm Bushings	202826	202826	202826
* 2.30	Older Non-Threaded Fulcrum Pin Parts	03480000		
7	Cover Support Assembly	203285	203285	203285
	Fulcrum Pin Repair Kit (Non-Threaded)	210068	210068	210068
21	Set Screw	209803	209803	209803
	Trip Mechanism			
22	Upper Trip Assembly	200773	200773	200773
23	Lower Trip Assembly (post 6/94)	211186	211186	211186
24-26	Trip Spring & Washer Kit (#24-26)	209361	209361	209361
27	Trip Lever (Pre-6/94)	202489	202489	202489
	Nozzles			
28	Drive Nozzle	206910	206910	206910
29	Range Nozzle Assembly*	204182	204182	204182
30	O-Ring	203316	203316	203316
31	Vane	202441	202441	202441
	Bearing Assembly (Sandboot Style)			
1	Bearing Washer Kit (23, 24, 25-27, 30, 33, 34	204179	204179	204179
	Sandboot Kit (#25 - 34)	208468	208468	208468
40	Friction Collars (2)	202429	202429	202429
41	Bearing Sleeve Assembly	203126	203126	203126
44	Upper Snap Ring	208395	208395	208395
45	Seal, Bearing Guide	211239	211239	211239
46	Bearing Nipple	202928	202928	202928
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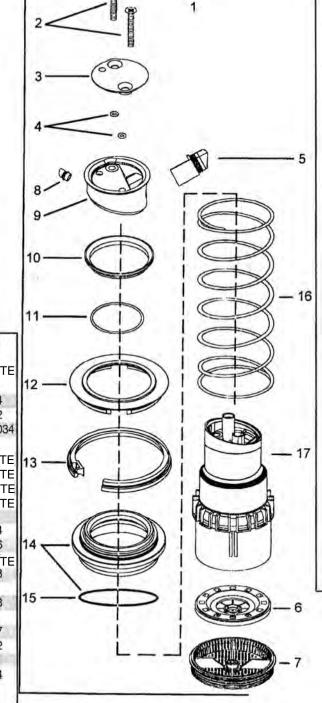


Item#	Description	91/95 DR	91/95 DS	91/95 DH
	Case Assembly with New PRS (post 5/	93)		
38	Case Assembly	207995-01	208514-01	208568-01
39	PRS/Selector Assembly (#40-53)	210808-03		
	PRS/Selector Repair Kit (#42,45,46)	210166		
47	O-Ring, Solenoid Base	202882		
52	Tubing	205920-02	205920-02	
53	Ferrule, Barbed	206409		
54	Solenoid Assembly (#48-57)	206920-01		11/2/10/200
58	Snap Ring, Lower (2)	208396	208396	208396
59	HFDV Valve Assembly	207653	208440	208440
	HFDV Repair Kit	207594	208439	208439
60	Inlet Adapter	207654	207654	207654
61	Screen, Inlet (pre 7/93)	OBSOLETE	OBSOLETE	OBSOLETE
61	Screen, Inlet (post 7/93)	209923	209923	209923
	Old Selector Valve Repair Parts			
62	Selector Valve Screws	N/A	7,455,48	
63-65	Selector Valve Stem Repair Kit (63-65)	210069		
68	Seal Washer	204942		
69	Seal O-Ring	209656		
70	Pressure Regulator	208206		
71	O-Ring, Selector Valve	203026		
72	Screen	203327	9.0	

В RD

## Eagle 700 Series Full Circle Rotor Internal Assembly



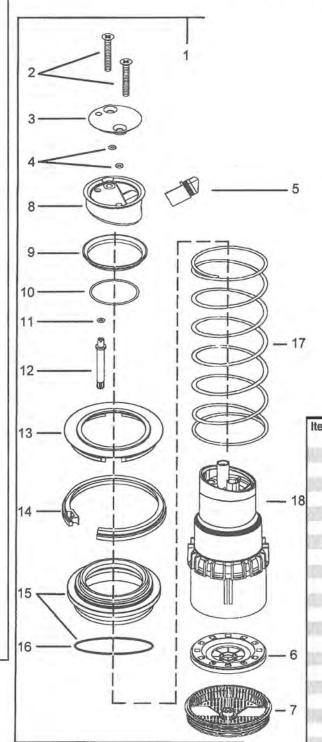


Item	Description Internal Assembly	700-E	700-S	700-H
1	Internal Assembly	OBSOLETE	OBSOLETE	OBSOLETE
	Cover Assembly			
2	Cover Screw 1/4-20	210974	210974	210974
3	Cover, Housing	210252	210252	210252
4	O-Ring, Screw	RCO110034	RC0110034	RC0110034
	Nozzles			
5,6,7	Nozzle/Stator Kit*	OBSOLETE	OBSOLETE	<b>OBSOLETE</b>
5,6,7	Nozzle/Stator Kit (B) *	OBSOLETE	OBSOLETE	OBSOLETE
8	Spreader Nozzle Assy	OBSOLETE	OBSOLETE	OBSOLETE
9		OBSOLETE		OBSOLETE
	Drive Assembly			
10	Seal, Retract	210354	210354	210354
11	O-Ring, Nozzle Housi	ng 210366	210366	210366
12	Cover, Snap Ring	OBSOLETE	OBSOLETE	OBSOLETE
13	Snap Ring, Upper	211298	211298	211298
14	Guide, Bearing Kit			
	Low Flow	211263	211263	211263
14	Guide, Bearing Assy.			
200	Standard	211147	211147	211147
15	O-Ring Bearing Guide	211242	211242	211242
16	Spring, Retract	N/A	N/A	N/A
17		. 210534	210534	210534
	Specify Nozzle Size who Specify Nozzle Size who		vailable in #14,1	6,18)

(Available in #20,22,24)



## Eagle 750 Series Part Circle Rotor Internal Assembly



R B

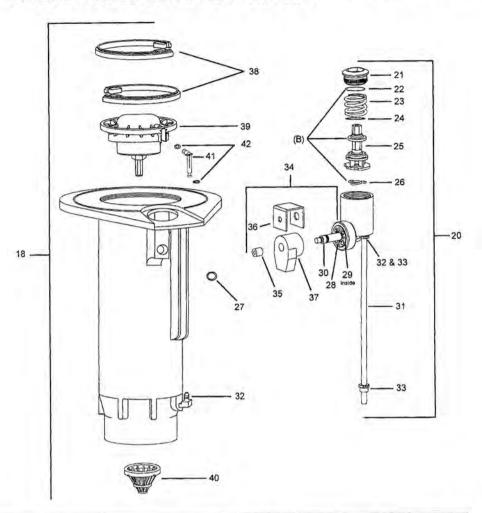
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I R N D

Item #	Description Internal Assembly	750-E	750-S	750-H
1	Internal Assembly	OBSOLETE	OBSOLETE	OBSOLETE
	Cover Assembly			
2	Cover Screw 1/4-20	210974	210974	210974
3	Cover, Housing	210355	210355	210355
4	O-Ring, Screw	RC0110034	RCO110034	RCO110034
	Nozzles			
5,6,7	Nozzle/Stator Kit*	OBSOLETE	OBSOLETE	OBSOLETE
5,6,7	Nozzle/Stator Kit (B) **	211213	211213	211213
8	Housing, Nozzle			
	Bearing / Riser Gear	OBSOLETE	OBSOLETE	OBSOLETE
	Drive Assembly			
9	Seal, Retract	210354	210354	210354
10	O-Ring, Nozzle Housing	210366	210366	210366
11	O-Ring, Adjustment Stem	RCO110034	RCO110034	RCO110034
12	Adjustment Stem	210420	210420	210420
13	Cover, Snap Ring	210350	210350	210350
14	Snap Ring, Upper	211298	211298	211298
14	Guide, Bearing Kit Low Flow	211263	211263	211263
15	Guide, Bearing Assy, Standard	211147	211147	211147
16	O-Ring Bearing Guide	211242	211242	211242
17	Spring, Retract	N/A	N/A	N/A
18	Riser Gear Drive Assembly	210535	210535	210535

#### Eagle 700/750 Series Gear Driven Rotors Case Assemblies

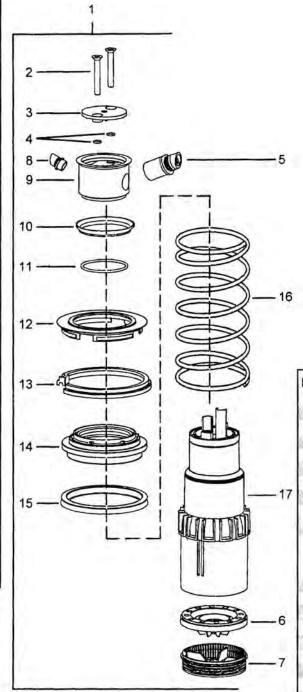




Item #	Description Case Assemblies	700/750-E	700/750-S	700/750-H
18	Case Assembly-NPT	OBSOLETE	OBSOLETE	OBSOLETE
18	Case Assembly-ACME	OBSOLETE	OBSOLETE	OBSOLETE
19	Clip, Case Housing (not shown)	210840	210840	210840
20	PRS/Selector Assembly (#21-34)	210165-03		
	PRS/Selector Repair Kit (#22,25,26)	210166	V	-47
21	Cover, Threaded	N/A		
22	O-Ring, Stem Cover	see repair kit		
23	Spring, Compression	N/A		
24	Selector Washer	N/A	lenes!	
25	PRS Cartridge	see repair kit		
26	Seal, Selector	see repair kit		
27	O-Ring, Case	211241		
28	Base Nut	602606	411	
29	O-Ring, Solenoid Base	RCO110007		
30	Tube, Welded	630028		
31	Tubing	205920-02	205920-02	
32	Elbow, Barbed	N/A	N/A	
33	Ferrule	206409	206409	
34	Solenoid Assembly	206920-01		
38	Snap Ring, Lower	210470	210470	210470
39	700/750 Valve Assembly (incl. 39,41,42)	OBSOLETE	OBSOLETE	OBSOLETE
40	Screen, Inlet	210487	210487	210487



### Eagle 900 Series Full Circle Rotor Internal Assembly



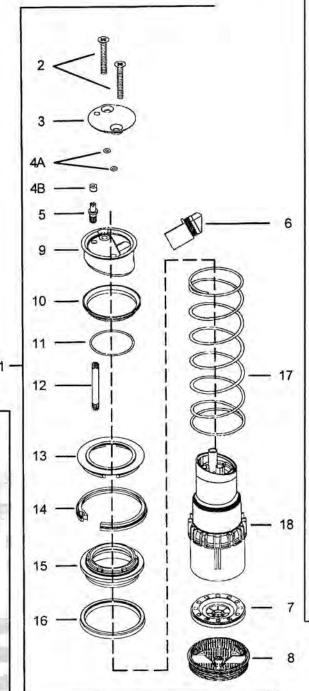
Item #	Description Internal Assembly	900-E	900-S	900-H
4	Internal Assembly	OBSOLETE	OBSOLETE	OBSOLETE
- 270	Cover Assembly			
2	Cover Screw 1/4-20	210975	210975	210975
3	Cover, Housing	209770	209770	209770
4	O-Ring, Screw	OBSOLETE	OBSOLETE	OBSOLETE
	Nozzles			
5,6,7	Nozzle/Stator Kit*	OBSOLETE	OBSOLETE	OBSOLETE
5,6,7	Nozzle/Stator Kit (B) **	OBSOLETE	OBSOLETE	OBSOLETE
8	Spreader Nozzle Assembly	210424	210424	210424
9	Housing, Nozzle	210159	210159	210159
	Bearing / Riser Gear Drive As	sembly		
10	Seal, Retract	210231	210231	210231
11	O-Ring, Nozzle Housing	210168	210168	210168
12	Cover, Snap Ring	OBSOLETE	OBSOLETE	OBSOLETE
13	Snap Ring, Upper	211133	211133	211133
14	Guide, Bearing Kit Low Flow	OBSOLETE	OBSOLETE	OBSOLETE
14	Guide, Bearing Assembly, Stand	dardobsolete	OBSOLETE	OBSOLETE
15	O-Ring Bearing Guide (red)	211239	211239	211239
16	Spring, Retract	N/A	N/A	N/A
17	Riser Gear Drive Assembly	209836	209836	209836

 <sup>\*</sup> Specify Nozzle Size when ordering. (Available in #18,22,24,26)
 \*\* Specify Nozzle Size when ordering. (Available in #28,30,32)

N

## Eagle 950 Series Part Circle Rotor Internal Assembly





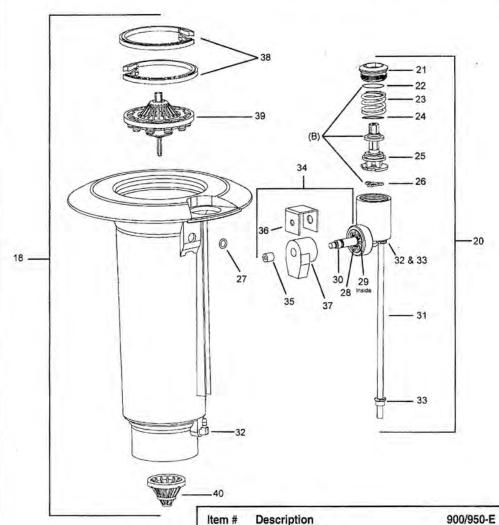
Item #	Description Internal Assembly	950-E	950-S	950-H
1	Internal Assembly	OBSOLETE	OBSOLETE	OBSOLETE
	Cover Assembly			
2	Cover Screw 1/4-20	210975	210975	210975
3	Cover, Housing	OBSOLETE	OBSOLETE	OBSOLETE
4A	O-Ring, Screw	209778	209778	209778
4B	Quad Seal	211170	211170	211170
5	Arc Adjustment Screw	OBSOLETE	OBSOLETE	OBSOLETE
	Nozzles			
6,7,8	Nozzle/Stator Kit*	OBSOLETE	OBSOLETE	OBSOLETE
6,7,8	Nozzle/Stator Kit (B) **	OBSOLETE	OBSOLETE	OBSOLETE
9	Housing, Nozzle	OBSOLETE	OBSOLETE	OBSOLETE
	Bearing / Riser Gear Drive As	sembly		
10	Seal, Retract	210231	210231	210231
11	O-Ring, Nozzle Housing	210168	210168	210168
12	Adjustment Stem	210837	210837	210837
13	Cover, Snap Ring	OBSOLETE	OBSOLETE	OBSOLETE
14	Snap Ring, Upper	211133	211133	211133
15	Guide, Bearing Kit Low Flow	OBSOLETE	OBSOLETE	OBSOLETE
15	Guide, Bearing Assembly, Std.	OBSOLETE	OBSOLETE	OBSOLETE
16	O-Ring Bearing Guide (red)	211239	211239	211239
17	Spring, Retract	N/A	N/A	N/A
18	Riser Gear Drive Assembly	210439	210439	210439

<sup>\*</sup> Specify Nozzle Size when ordering. (Available in #18,22,24,26)

<sup>\*</sup> Specify Nozzle Size when ordering. (Available in #28,30,32)



#### Eagle 900/950 Series Gear Driven Rotors Case Assemblies



Screen, Inlet

item #	Case Assemblies	300/330°L	300/330-0	300/330 11
18	Case Assembly-NPT	OBSOLETE	OBSOLETE	OBSOLETE
19	Clip, Case Housing (not shown)	OBSOLETE	OBSOLETE	OBSOLETE
20	PRS/Selector Assembly (#21-34)	210165-03		
	PRS/Selector Repair Kit (#22,25,26)	210166		
21	Cover, Threaded	N/A		
22	O-Ring, Stem Cover	see repair kit		
23	Spring, Compression	N/A		
24	Selector Washer	N/A		
25	PRS Cartridge	see repair kit		
26	Seal, Selector	see repair kit		
27	O-Ring, Case	211241		
28	Base Nut	602606		
29	O-Ring, Solenoid Base	202882		
30	Tube, Welded	630028		
31	Tubing	205920-02	205920-02	
32	Elbow, Barbed	N/A	N/A	
33	Ferrule	206409	206409	
34	Solenoid Assembly	206920-01		
38	Snap Ring, Lower	208396	208396	208396
39	HFDV Valve Assembly	207653	208440	208440

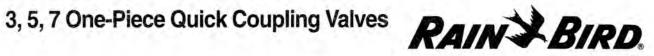
900/950-S

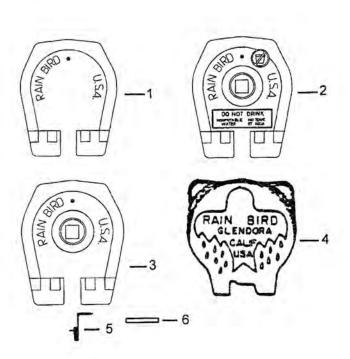
209923

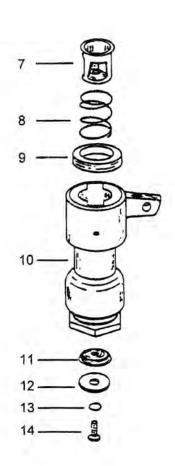
209923

900/950-H

209923



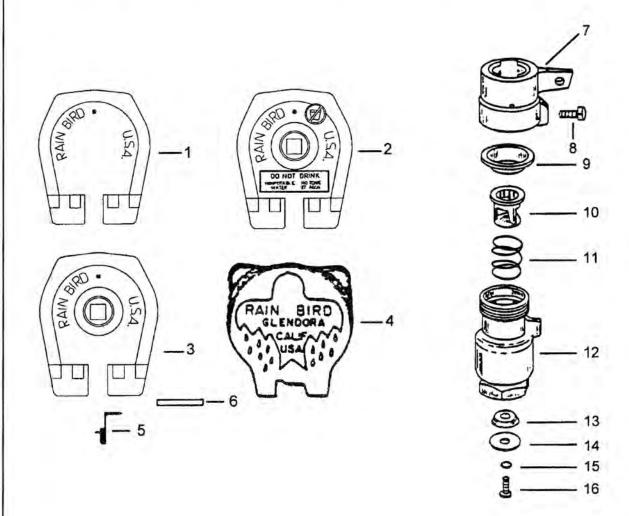




Item #	Description	#3 QCV	#5 QCV	#7 QCV
	Cover Assemblies			
-1	Rubber Cover (Yellow)	20695201	20695201	N/A
2	Locking Rubber Cover (NP - Purple)	20725104	20725104	N/A
3	Locking Rubber Cover (LRC - Yellow)	207248	20724902	N/A
4	Metal Cover	N/A	N/A	208412
5	Cover Spring	N/A	N/A	N/A
6	Cover Pin	205174	206252	200594
	Valve Assemblies			
7	Valve Cage	200503	201612	200288
8	Valve Spring	RCO650005	200232	200265
9	Gasket	200504	200278	200287
10	Valve Body (NPT)	N/A	N/A	N/A
11	Buna-N Disc	RCO110109	OBSOLETE	200251
12	Disc Retainer	RCO350007	200214	200252
13	Asbestos Washer	RCO340006	RCO340005	RCO340005
14	Retaining Screw	RCO250000	OBSOLETE	200253

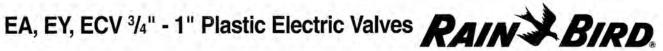


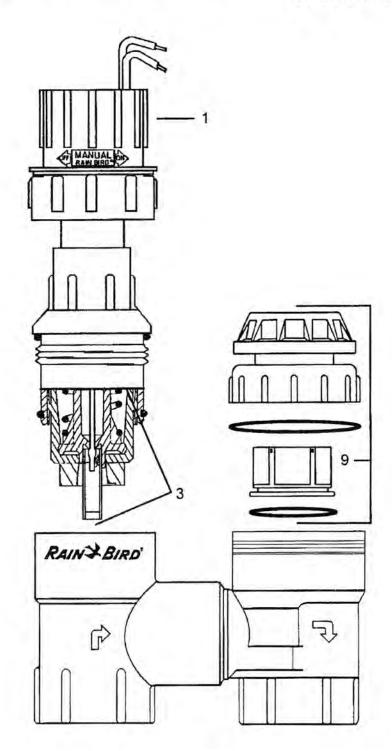
### 33, 44, 55, 66, 77 Two-Piece Quick Coupling Valves



В
B-R
R
D

Item#	Description	#33 QCV	#44 QCV	#55 QCV	#66 QCV	#77 QCV
	Cover Assemblies					
1	Rubber Cover (Yellow)	20695201	20695401	20695401	20695401	N/A
2	Locking Rubber Cover (NP -Purple)	20725002	20725103	N/A	N/A	N/A
3	Locking Rubber Cover (LRC-Yellow)	207248	20724901	N/A	N/A	N/A
4	Metal Cover	N/A	N/A	N/A	N/A	OBSOLETE
5	Cover Spring	N/A	N/A	N/A	N/A	N/A
6	Cover Pin	205174	206252	206252	206252	200594
	Valve Assemblies					
7	Upper Body	200204	200208	OBSOLETE	N/A	N/A
8	Lock Screw	RCO250007	RCO250007	RCO250007	RCO250007	RCO250007
9	Flange Packing	RC0110108	RCO110108	RC0110115	OBSOLETE	200263
10	Valve Cage	200503	200210	OBSOLETE	N/A	N/A
11	Valve Spring	RCO650005	RCO650001	200232	200249	200265
12	Valve Body (NPT)	N/A	N/A	N/A	N/A	N/A
13	Buna-N Disc	RC0110109	OBSOLETE	200234	200251	N/A
14	Disc Retainer	RCO350007	200214	RCO350009	200252	200268
15	Asbestos Washer	RCO340006	RCO340005	RCO340005	RCO340005	RCO340005
16	Retaining Screw	RCO250000	<b>OBSOLETE</b>	OBSOLETE	200253	200253



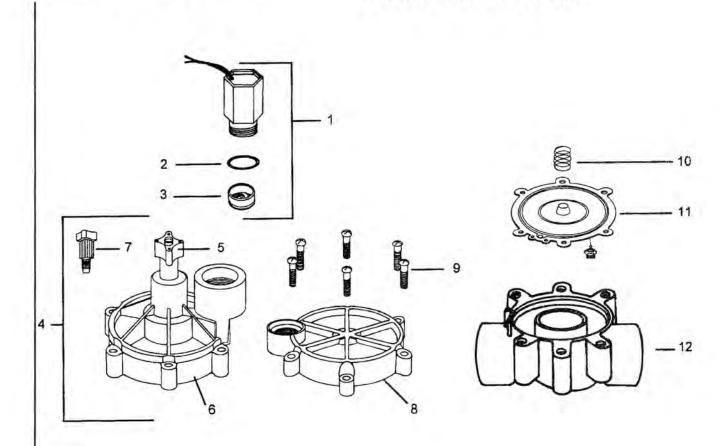


R	В
A	1
	R
N	D

Item #	Description	3/4" model 1" models
1	Solenoid (Complete)	20858801 20858801
3	Piston Repair Kit	OBSOLETE OBSOLETE
9	Cap, Cover & Piston Assembly	OBSOLETE OBSOLETE

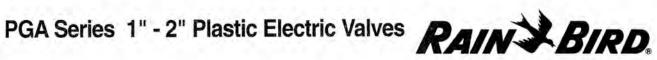


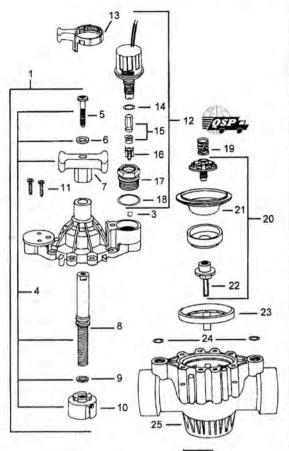
#### 75DV and 100DV Series 3/4" and 1" Plastic Electric Valves



Item	Description	75 DV	100 DV	100 DV F
Repair	Kits			
	Valve Repair Kit (includes: 9, 10, 1	1) 21074603	21074603	21074603
	Solenoid Assemblies			
1	Solenoid (Complete)	20858801	20858801	20858801
2	Solenoid O-Ring	209502	209502	209502
3	Solenoid Filter	N/A	N/A	N/A
	Valve Bonnet Assembly			
4	Valve Bonnet (Complete #5, 6, 7)	N/A	N/A	209398
9	Valve Bonnet Screws	N/A	N/A	N/A
7	Manual Bleed	N/A	N/A	210331
5	Flow Control Handle/Stem Assy.	N/A	N/A	208393
(Addi	Diaphragm Assemblies	. 33		
10	Diaphragm Spring	N/A	N/A	N/A
11	Diaphragm (Complete)	N/A	N/A	N/A
	Valve Body Assemblies			
12	Valve Body (NPT)	N/A	N/A	N/A
12	Valve Body (Slip)	N/A	N/A	N/A







Item #	Decription	1"	11/2"	2"
	Valve Bonnet Assembly			
1	Valve Bonnet Assembly	210858	210454	210866
3	Solenoid Seal	N/A	N/A	N/A
4	Flow Control Handle/Stem Assem	210859	210455	210867
7	Flow Control Handle Only	OBSOLETE	OBSOLETE	210294
9	Flow Control Stem Only	N/A	N/A	N/A
9	Flow Control Stem O-Ring	N/A	N/A	N/A
10	Flow Control Stem Piston	N/A	N/A	N/A
11	Valve Bonnet Screws	210295	RB208860	209054
	Solenoid Assemblies			
12	Solenoid (Complete)	20953202	20953202	20953202
13	Solenoid Lock Ring w/ Handle	209943	209943	209943
14	Solenoid O-Ring	209502	209502	209502
15	Solenoid Plunger w/Spring	629417	629417	629417
	Diaphragm Assemblies			
19	Diaphragm Spring	202542	210076	203016
20	Diaphragm Assembly	209792	209675	209005
21	Diaphragm Only	209659	208901	209010
22	Diaphragm Screen	20609202	20609202	20609202
	Valve Body Assemblies			
25	Valve Body (NPT) w/Support Ring	21019301	N/A	N/A
25	Valve Body (BSP) w/ Support Ring	21019302	N/A	
26	Valve Inlet Plug w/O-Ring	OBSOLETE	OBSOLETE	OBSOLETE





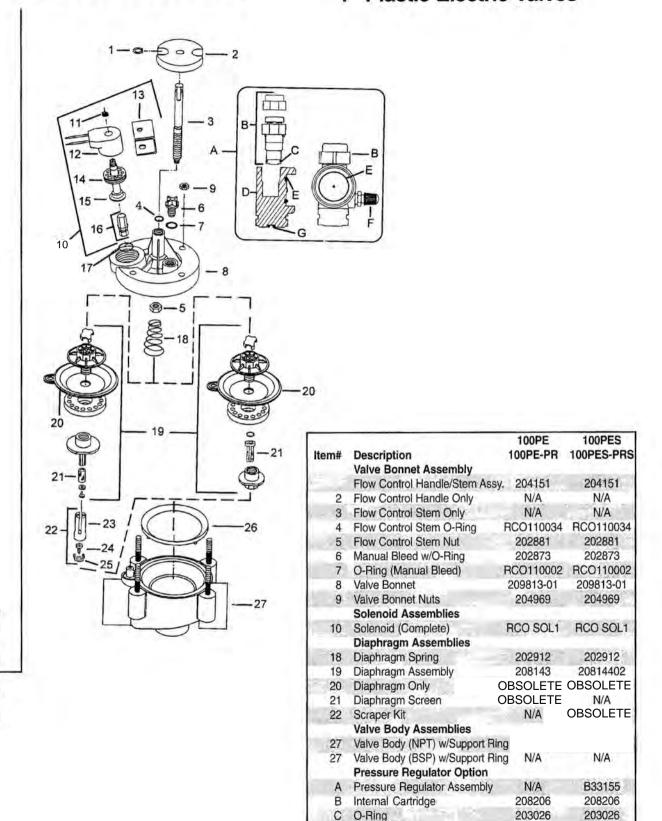
R B

A

R

N D

## 100 PE Series (Old Style) 1" Plastic Electric Valves



Solenoid Seal

Schrader Valve

O-Ring, Base

N/A

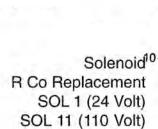
203030

RCO110007 RCO110007

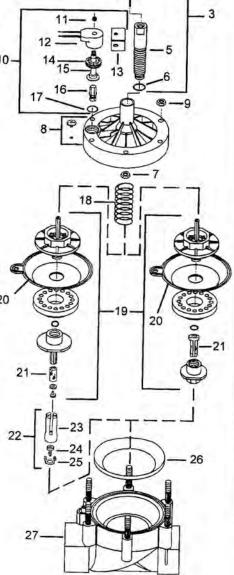
N/A 203030

#### 150 & 200 PE Series (Old Style) 11/2" & 2" Plastic Electric Valves



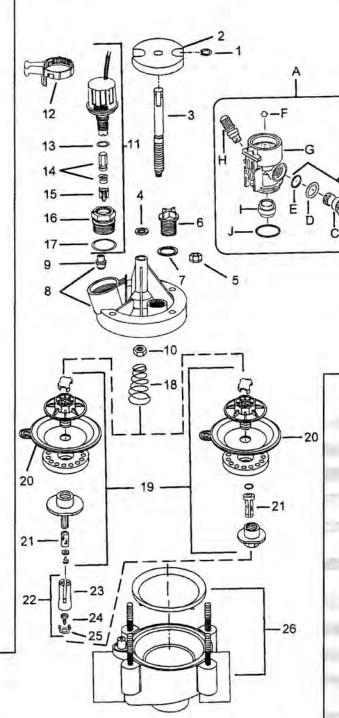


		150PE	150PES	200PE	200PES
Item #	Description	150PE-PRS	150PES-PRS	200PE-PRS	200PES-PRS
	Valve Bonnet Assembly				
1	Bleed Screw with O-Ring	204152	204152	204152	204152
2	O-Ring (Manual Bleed)	RCO110002	RC0110002	RCO110002	RCO110002
3	Handle Assembly	204153	204153	204153	204153
4	Flow Control Handle Only	202889	202889	202889	202889
6	Flow Control Stem O-Ring	OBSOLETE	OBSOLETE	OBSOLETE	OBSOLETE
7	Flow Control Stem Nut	N/A	N/A	N/A	N/A
8	Valve Bonnet	N/A	N/A	N/A	N/A
9	Valve Bonnet Nuts	204968	204968	204968	204968
	Solenoid Assemblies				
10	Solenoid (Complete)	206920-01	206920-01	206920-01	206920-01
17	O-Ring	RCO110007	RCO110007	RCO110007	RCO110007
	Diaphragm Assemblies				
18	Diaphragm Spring	203016	203016	203016	203016
19	Diaphragm Assembly	208605	208518-02	208605	208518-02
20	Diaphragm Only	202898	202898	202898	202898
21	Diaphragm Screen	20609202	20609202	20306001	20306001
22	Scraper Kit:	N/A	206994	N/A	206994
	Valve Body Assemblies				
26	Valve Body (NPT) w/Support R	208603	208603	208609	208609
26	Valve Body (BSP) w/ Support	208604	208604	208610	208610
	Pressure Regulator Option				
A	Pressure Regulator Assembly	B33155	B33155	B33155	B33155
В	Internal Cartridge	208206	208206	208206	208206
C	O-Ring	203026	203026	203026	203026
D	Regulator Housing	N/A	N/A	N/A	N/A
E	O-Ring, Base	N/A	N/A	N/A	N/A
F	Schrader Valve	203030	203030	203030	203030
J	O-Ring	RC0110007	RC0110007	RC0110007	RCO110007





#### 100 PE-B Series (New Style) 1" Plastic Electric Valves



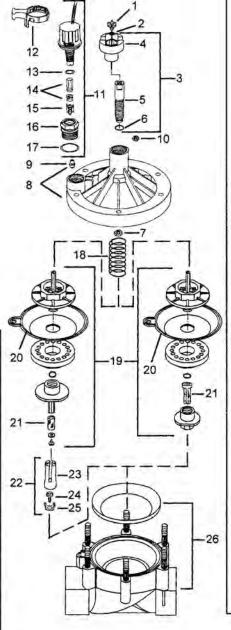
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		100PEB	100PES-B
Item#	Description	100PEB-PRS	100PES-PRS-B
	Valve Bonnet Assembly		
	Flow Control Handle/Stem Assy.	204151	204151
2	Flow Control Handle Only	N/A	N/A
3	Flow Control Stem Only	N/A	N/A
- 4	Flow Control Stem O-Ring	RC0110034	RCO110034
5	Flow Control Stem Nut	202881	202881
6	Manual Bleed w/O-Ring	202873	202873
7	O-Ring (Manual Bleed)	RC0110002	RCO110002
8	Valve Bonnet	209813-01	209813-01
9	Solenoid Seal	208629	208629
10	Valve Bonnet Nuts	204969	204969
	Solenoid Assemblies		
- 11	Solenoid (Complete)	209532-02	209532-02
12	Lock Ring with Handle	209943	209943
	Diaphragm Assemblies		
18	Diaphragm Spring	202912	202912
19	Diaphragm Assembly	208143	20814402
20	Diaphragm Only	OBSOLETE	OBSOLETE
21	Diaphragm Screen	20609202	20306002
22	Scraper Kit	N/A	OBSOLETE
	Valve Body Assemblies	10.00	
26	Valve Body (NPT) w/Support Ring	N/A	N/A
26	Valve Body (BSP) w/ Support Ring	N/A	N/A
	Pressure Regulator Option		
A	Pressure Regulator Assembly	N/A	B33155
В	Internal Cartridge	208206	208206
C	Cap	208265	208265
D	Body O-Ring	N/A	N/A
E	Lower O-Ring	203026	203026
F	Solenoid Seal	208629	208629
G	Regulator Housing	N/A	N/A
Н	Schrader Valve	203030	203030
- 1	Boot	N/A	N/A
J	O-Ring, Base	OBSOLETE	OBSOLETE

#### 150 & 200 PE-B Series (New Style) 11/2" & 2" Plastic Electric Valves

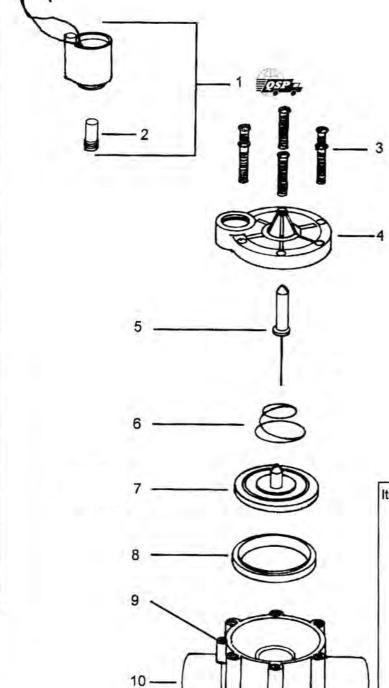


Item #	Description	150PE-B 150PEB-PRS	150PES-B 150PES-B-PRS	200PE-B 200PEB-PRS	200PES-B-PRS
	Valve Bonnet Assembly				
- 4	Bonnet Assembly	209367-02	209367-02	209367-02	209367-02
1	Bleed Screw with O-Ring	204152	204152	204152	204152
2	O-Ring (Manual Bleed)	RC0110002	RCO110002	RCO110002	RC0110002
3	Handle Assembly	204153	204153	204153	204153
4	Flow Control Handle Only	202889	202889	202889	202889
5	Flow Control Stem O-Ring	RCO110035	RCO110035	RCO110035	RCO110035
7	Flow Control Stem Nut	202881	202881	202881	202881
8	Valve Bonnet	209813-01	209813-01	209813-01	209813-01
9	Solenoid Seal	208629	208629	208629	208629
10	Valve Bonnet Nuts Solenoid Assemblies	204968	204968	204968	204968
11	Solenoid (Complete)	209532-02	209532-02	209532-02	209532-02
12	Lock Ring with Handle	209943	209943	209943	209943
-14	Plunger with Spring Diaphragm Assemblies	629417	629417	629417	629417
18	Diaphragm Spring	RCO650001	RCO650001	RCO650001	RC0650001
19	Diaphragm Assembly	208605	208518-02	208605	208518-02
20	Diaphragm Only	202898	202898	202898	202898
21	Diaphragm Screen	20609202	20306001	20609202	20306001
22	Scraper Kit	N/A	206994	N/A	206994
	Valve Body Assemblies				
26	Valve Body (NPT) w/Support	R 208603	208603	208609	208609
26	Valve Body (BSP) w/ Support	208604	208604	208610	208610
	Pressure Regulator Option			-	
A	Pressure Regulator Assembly	N/A	N/A	N/A	N/A
В	Internal Cartridge	208206	208206	208206	208206
C	Cap	208265	208265	208265	208265
D	Body O-Ring	N/A	N/A	N/A	N/A
E	Lower O-Ring	203026	203026	203026	203026
F	Solenoid Seal	208629	208629	208629	208629
G	Regulator Housing	N/A	N/A	N/A	N/A
Н	Schrader Valve	203030	203030	203030	203030
1	Boot	N/A	N/A	N/A	N/A
J	O-Ring, Base	BSOLETE	OBSOLETE	OBSOLETE	<b>OBSOLETE</b>



### RAIN BIRD.

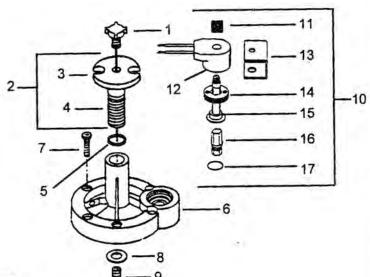
#### EV 100 1" Plastic Electric Valves



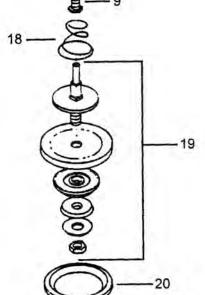
Item# Description 1" Solenoid Assemblies 1 Solenoid w/Plunger SOL4 Valve Bonnet Assembly 4 Valve Bonnet **OBSOLETE** Valve Bonnet Screws HR1354 Manual Bleed/Metering Pin OBSOLETE Diaphragm Assemblies Diaphragm Spring RCO650002 Diaphragm (Complete) HR1359 Diaphragm Support Ring **OBSOLETE** Valve Body Assemblies Valve Port O-Ring RC0110001

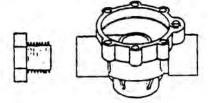
#### EP100F / EP150F 1" and 11/2" Plastic Electric Valves





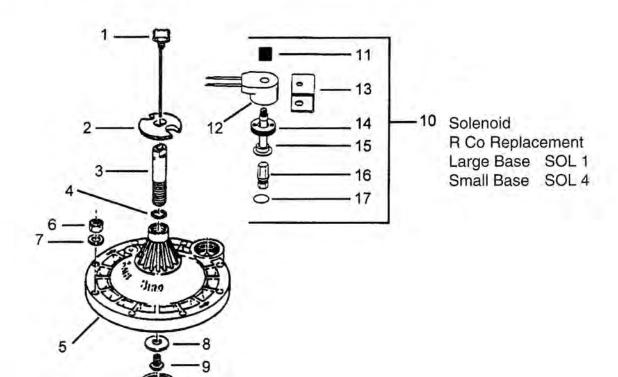
Item #	Description	Part #
1	Metering Rod	HR1552
2	Flow Control Assy #1-4	HR2002
3	Flow Control Stem	OBSOLETE
5	Flow Control Stem O-Ring	RCO110011
6	Bonnet	HR2001
7	Bonnet Screw	HR1039
8	Flow Control Stem Washer	RCO350004
9	Flow Bushing	RCO230009
10	Solenoid Assembly (complet	e) SOL 1
18	Diaphragm Spring	RCO650002
19	Diaphragm 1"	HR1308
-	Diaphragm 1 1/2"	HR1310
20	Diaphragm Support 1"	OBSOLETE
	Diaphragm Support 1 1/2"	OBSOLETE
21	Body O-Ring	RC0110001

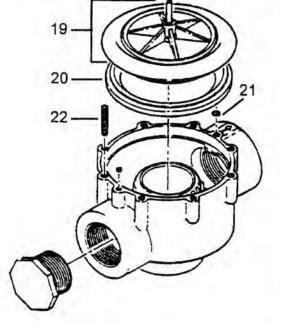






### RAIN BIRD EP200F / EP300F 2" - 3" Plastic Electric **Valves**





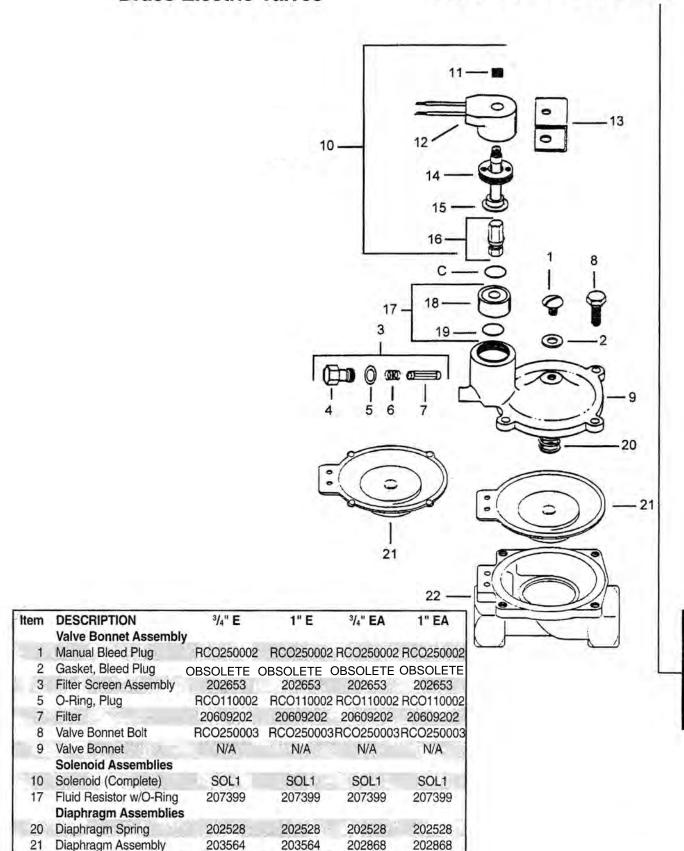
Item #	Description	2"	3"
1	Metering Rod	HR1552	HR1552
2	Handle	HR1017	HR1017
- 3	Stem, Brass	HR1032	HR1032
4	Stem, O-Ring	RC0110011	RCO110011
5	Bonnet Assy.	ITR936201	ITR936301
6	Bonnet Nut	RCO230004	RCO230004
7	Bonnet Washer	OBSOLETE	OBSOLETE
8	Stem Washer	RCO350003	RCO350003
9	Flow Bushing	OBSOLETE	OBSOLETE
10	Solenoid Lg. Base	SOL1	SOL1
	Sm. Base	SOL4	SOL4
18	Diaphragm Spring	HR1314	HR1314
19	Diaphragm 2" Assy.	HR1312	N/A
19	Diaphragm 3" Assy.	N/A	HR1314
20	Diaphragm Support	OBSOLETE	OBSOLETE
21	Body O-Ring	RCO110001	RCO110001
22	Brass Stud	OBSOLETE	OBSOLETE

When buying new Bonnet Assy. you also must buy HR606902 Solenoid/Bleed adpt.

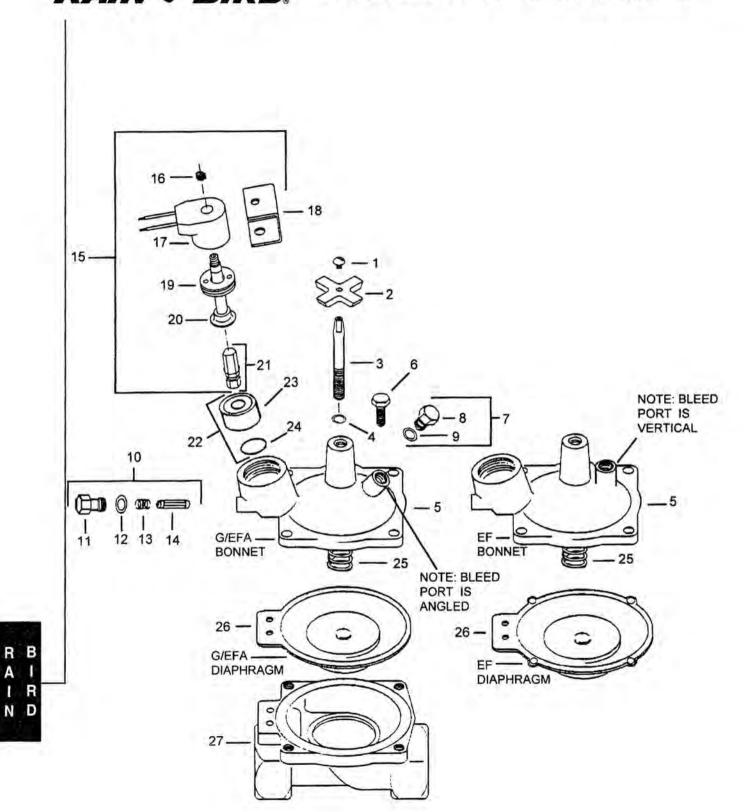
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#### E-S & EA Series 3/4" & 1" Brass Electric Valves

### RAIN BIRD.

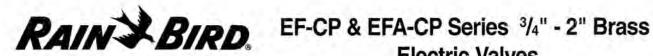


## RAIN BIRD. EF & EFA Series 3/4" - 2" Brass Electric

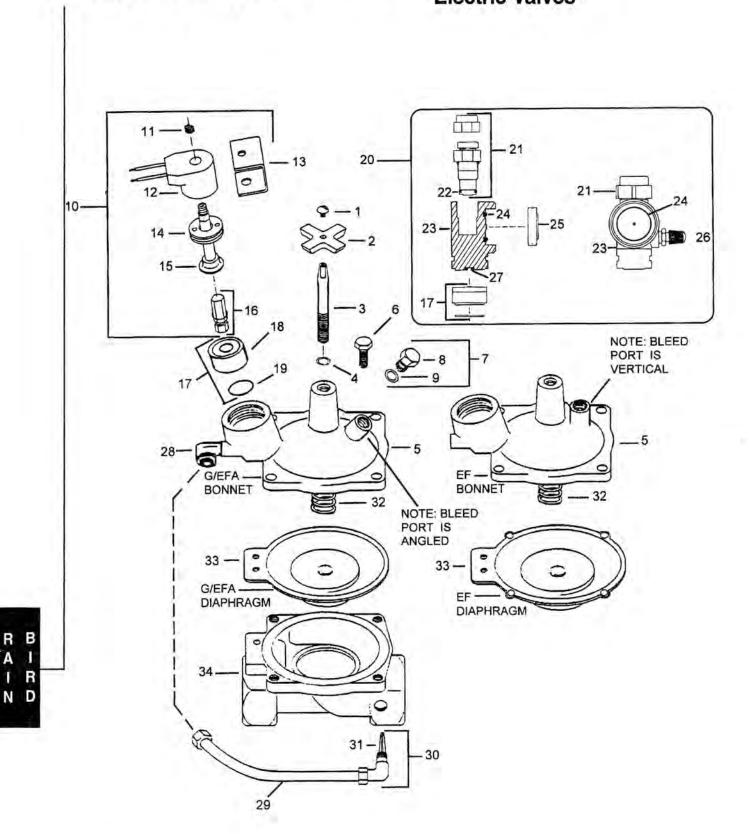




tem#	Description	075EF	75-G 075EFA	100-G 100EF	125-G 100EFA	150-G 125EF	200-G 125EFA	150EF	150EFA	200EF	200EFA
	Valve Bonnet Assembly								Town and the		
.1	Handle Screw	RCO250002	RCO250002	RCO250002	RCO250002	RCO250002	RCO250002	RCO250002	RCO250002	RCO250002	RCO250002
2	Flow Control Handle Only	209356	209356	209356	209356	209356	209356	209356	209356	209356	209356
3	Flow Control Stem Only	202600	202600	202600	202600	202667	202667	202667	202667	202667	202667
4	Flow Control Stem O-Ring	RCO110002	RCO110002	RCO110002	RCO110002	RC0110002	RCO110002	RCO110002	RCO110002	RCO110002	RCO110002
5	Valve Bonnet	N/A	202558	N/A	202558	N/A	20936902	N/A	20936903	N/A	20936904
6	Valve Bonnet Bolts	RCO250003	RCO250003	RCO250003	RCO250003	RCO250003	RCO250003	RCO250003	RCO250003	RCO250003	RCO250003
7	Manual Bleed w/O-Ring	DC-10	DC-10	DC-10	DC-10	DC-10	DC-10	DC-10	DC-10	DC-10	DC-10
9	O-Ring (Manual Bleed)	RC0110002	RCO110002	RCO110002	RCO110002	RC0110002	RCO110002	RCO110002	RCO110002	RCO110002	RCO110002
10	Filter Screen Assembly	202653	202653	202653	202653	202653	202653	202653	202653	202653	202653
12	O-Ring	RCO110002	RCO110002	RCO110002	RCO110002	RC0110002	RCO110002	RCO110002	RCO110002	RCO110002	RCO110002
14	-	20609202	20609202	20609202	20609202	20609202	20609202	20609202	20609202	20609202	20609202
	Solenoid Assemblies										
15	Solenoid (Complete)	RCO SOL1	RCO SOL1	RCO SOL1	BCO SOL1	RCO SOL1	RCO SOL1	RCO SOL1	RCO SOL1	RCO SOL1	RCO SOL1
22	Fluid Resistor w/ O-Ring	207399	207399	207399	207399	207400	207400	207401	207401	207401	207401
	Diaphragm Assemblies										
OF		202528	202528	202528	202529	BSOLETE	OBCOLET	E 000540	202542	202542	202542
25	Diaphragm Spring									The second second	
26	Diaphragm Assembly	203564	202868	203564	202868	202511	203604	202520	202614	203500	202615
	Valve Body Assemblies				Current		(add and form	27.0	0012000		
27	Valve Body (NPT)	N/A	N/A	N/A	202603	N/A	202564	N/A	202605	202607	
27	Valve Body (BSP)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	Contamination Proof Assen	nblies									
	Elbow	N/A	N/A	N/A	202581	202581	202581	202581	202581	202581	202581
	Nylon Tube	N/A	N/A	N/A	202598	202598	202598	202598	202598	202598	202598
W. J.	Elbow w/Filter	N/A	N/A	N/A	202579	202579	202579	202579	202579	202579	202579
	Filter Only	N/A	N/A	N/A	20609202	20609202	20609202	20609202	20609202	20609202	20609202
	Pressure Regulator Option										
	Pressure Regulator Assembly	N/A	B33105	B33105	B33105	B33105					
	Internal Cartridge	N/A	208206	208206	208206	208206					
	O-Ring	N/A	203026	203026	203026	203026					
	Solenoid Seal	N/A	N/A	N/A	N/A	N/A					
	Schrader Valve	N/A	203030	203030	203030	203030		10000		2	
	O-Ring, Base	N/A	RCO110007	Contract of the Section of the Secti							
	Repair Kit										
	- Andrews Company	N/A	N/A	N/A	N/A	RPK #107	N/A	RPK #108	N/A	RPK #109	N/A



### **Electric Valves**

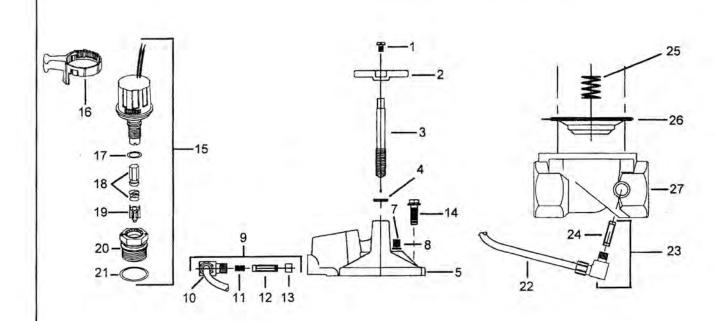


#### EF-CP & EFA-CP Series 3/4" - 2" Brass Electric Valves



tem#	Description	125EF-CP	150EF-CP	200EF-CP	100EFA-CP	125EFA-CP	150EFA-CP	200EFA-CP
	Valve Bonnet Assembly							
1	Handle Screw	RCO250002	RCO250002	RCO250002	RCO250002	RCO250002	RCO250002	RCO250002
2	Flow Control Handle Onl	209356	209356	209356	209356	209356	209356	209356
3	Flow Control Stem Only	202667	202667	202667	202600	202667	202667	202667
4	Flow Control Stem O-Ring	RCO110002	RCO110002	RCO110002	RCO110002	RCO110002	RCO110002	RCO110002
5	Valve Bonnet	N/A	N/A	N/A	RCO110002	20936902	20936903	20936904
6	Valve Bonnet Bolts	RCO250003	RCO250003	RCO250003	RCO250003	RCO250003	RCO250003	RCO250003
7	Manual Bleed w/O-Ring	DC-10	DC-10	DC-10	DC-10	DC-10	DC-10	DC-10
9	O-Ring (Manual Bleed)	RCO110002	RCO110002	RCO110002	RCO110002	RCO110002	RCO110002	RCO110002
	Solenoid Assemblies							
10	Solenoid (Complete)	RCO SOL1	RCO SOL1	RCO SOL1	RCO SOL1	RCO SOL1	RCO SOL1	RCO SOL1
17	Fluid Resistor w/ O-Rin	207400	207401	207401	207399	207400	207401	207401
	Contamination Proof Assen	nblies						
3	Elbow	202581	202581	202581	202581	202581	202581	202581
3	Nylon Tube	202598	202598	202598	202598	202598	202598	202598
30	Elbow w/Filter	202579	202579	202579	202579	202579	202579	202579
31	Filter Only	20609202	20609202	20609202	20609202	20609202	20609202	20609202
	Diaphragm Assemblies							
32		OBSOLETE	202542	202542	202528	OBSOLETE	202542	202542
33	Diaphragm Assembly	202511	202520	203500	202868	203604	202614	202615
	Valve Body Assemblies							
34	Valve Body (NPT)	N/A	NA	- 1 1	202603	202564	202605	202607
	Pressure Regulator Option							
20	Pressure Regulator Assembly				OBSOLETE	OBSOLETE	OBSOLETE	OBSOLETE
21	Internal Cartridge				208206	208206	208206	208206
22	O-Ring				203026	203026	203026	203026
24	O-Ring, Base				RCO110007	RCO110007		RCO110007
26	Schrader Valve				203030	203030	203030	203030
	Repair Kit		- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1		(Ver		- V	
		N/A	N/A	N/A	RPK #102	RPK #103	RPK #104	<b>RPK #105</b>

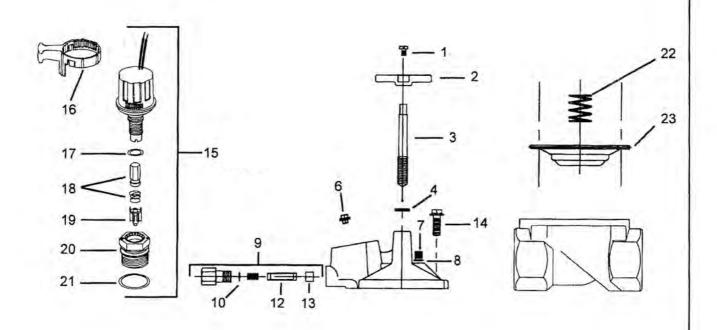
# RAIN BIRD EFB-CP Series 1" - 2" Brass Electric Valves (with New Style Solenoid)



Item #	Description	100EFB-CP	125EFB-CP	150EFB-CP	200EFB-CP
	Valve Bonnet Assembly				
	Valve Bonnet Assembly	20936901	20936902	20936903	20936904
1	Flow Control Stem Screw	RCO250002	RCO250002	RCO250002	RCO250002
2	Flow Control Handie Only	209356	209356	209356	209356
3	Flow Control Stem Only	202600	202667	202667	202667
4	Flow Control Stem O-Ring	RC0110002	RCO110002	RC0110002	RC0110002
7	Manual Bleed w/O-Ring	DC-10	DC-10	DC-10	DC-10
8	O-Ring (Manual Bleed)	RCO110002	RC0110002	RC0110002	RCO110002
9	Elbow w/Resistor	208555-02	208555-02	208555-02	208555-02
10	Elbow	208549	208549	208549	208549
	Fluid Resistor Kit	209815	209815	209815	209815
14	Valve Bonnet Bolts	RCO250003	RCO250003	RCO250003	RCO250003
	Solenoid Assembly				
15	Solenoid (Complete)	20953202	20953202	20953202	20953202
16	Lock Ring w/Handle	209943	209943	209943	209943
17	Solenoid O-Ring	209502	209502	209502	209502
18	Solenoid Plunger w/Spring	629417	629417	629417	629417
	Lower Assembly				
22	Nylon Tube	202598	202598	202598	202598
23	Elbow with Filter	208554	208554	208554	208554
24	Filter Only	206092-02	206092-02	206092-02	206092-02
25	Diaphragm Spring	202528	202528	202528	202528
26	Diaphragm Assembly	202868	203604	OBSOLETE	OBSOLETE

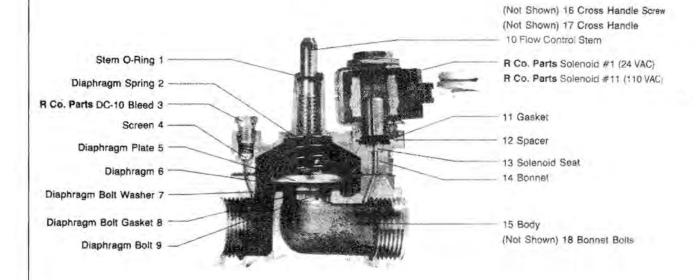
### GB Series 3/4" - 2" Brass Electric Valves with New Style Solenoid RAIN BIRD. with New Style Solenoid





tem#	Description	3/4" GB	1" GB	11/4" GB	11/2" GB	2" GB
	Valve Bonnet Assembly					
	Valve Bonnet Assembly	20936801	20936801	20936802	20936803	20936804
1	Flow Control Stem Screw	RCO250002	RCO250002	RCO250002	RCO250002	RCO250002
2	Flow Control Handle Only	209356	209356	209356	209356	209356
3	Flow Control Stem Only	202600	202600	202667	202667	202667
4	Flow Control Stem O-Ring	RCO110002	RCO110002	RC0110002	RCO110002	RCO110002
6	Solenoid Seal	208629	208629	208629	208629	208629
7	Manual Bleed Plug	DC-10	DC-10	DC-10	DC-10	DC-10
8	O-Ring, Bleed Plug	RCO110002	RCO110002	RCO110002	RCO110002	RCO110002
9	Plug w/Filter & Resistor	20932502	20932502	20932502	20932501	20932501
10	O-Ring, Plug	RCO110002	RCO110002	RCO110002	RCO110002	RCO110002
	Fluid Resistor Kit	209815	209815	209815	209815	209815
12	Filter	206092-02	206092-02	206092-02	206092-02	206092-02
14	Valve Bonnet Screws	RCO250007	RCO250007	RCO250003	RCO250003	RCO250003
	Solenoid Assemblies					
15	Solenoid (Complete)	20953202	20953202	20953202	20953202	20953202
16	Solenoid Lock Ring w/ Handle	209943	209943	209943	209943	209943
17	Solenoid O-Ring	209502	209502	209502	209502	209502
18	Solenoid Plunger w/Spring	629417	629417	629417	629417	629417
21	Adaptor O-Ring	209502	209502	209502	209502	209502
	Lower Assembly					
22	Diaphragm Spring	202528	202528	202528	202528	202528
23	Diaphragm Assembly	202868	202868	203604	202614	202615

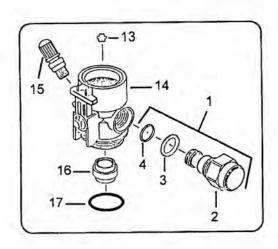
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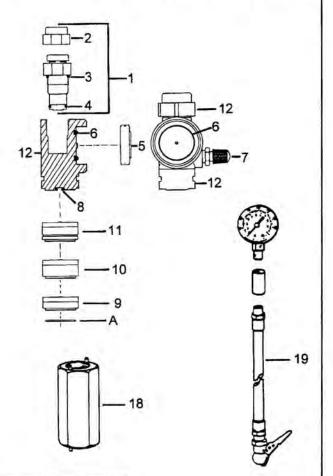


Item#	Description	1"	11/4"	11/2"	2"
1	Stem O-Ring	RCO110003	RCO110003	RCO110003	RCO110003
2	Diaphragm Spring	N/A	N/A	N/A	N/A
3	Bleed Plug	DC-10	DC-10	DC-10	DC-10
4	Screen	N/A	N/A	N/A	N/A
5	Diaphragm Plate	N/A	N/A	N/A	N/A
6	Diaphragm	OBSOLETE	203252	203252	203245
7	Diaphragm Bolt Washer	N/A	N/A	N/A	N/A
8	Diaphragm Bolt Gasket	N/A	N/A	N/A	N/A
9	Diaphragm Bolt	RCO250007	RCO250007	RCO250007	RCO250007
10	Flow Control Stem	N/A	OBSOLETE	OBSOLETE	OBSOLETE
11	Gasket, Solenoid	203483	203483	203483	203483
12	Spacer, Solenoid	203482	203482	203482	203482
13	Solenoid Seat	600990	600990	600990	600990
14	Bonnet	N/A	N/A	N/A	N/A
15	Body	N/A	N/A	N/A	N/A
16	Cross Handle Screw	RCO250002	RCO250002	RCO250002	RCO250002
17	Cross Handle	NPH1KIT	NPH1KIT	NPH1KIT	NPH1KIT
18	Bonnet Bolts	N/A	N/A	N/A	N/A

#### PRS & PRS-B Valve Pressure Regulators



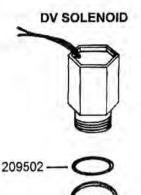




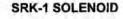
Item #	Description	PRS (old) Brass Valves	PRS-2 (old) Plastic Valves	PRS-B (new) All New Valves
	Regulator			
-1	Internal Cartridge	208206	208206	208206
2	Cap	208265	208265	208265
4	Lower O-Ring	203026	203026	203026
	Old PRS and PRS-2			
5	Plastic Base Nut	602606		
7	Schrader Valve	203030	203030	
8	O-Ring	RCO110007	RCO110007	
	Fluid Resistor Kits			
9	1"	207399		
10	1 1/4"	207400		
11	1 1/2" & 2"	207401		
	New PRS-B			
13	Solenoid Seal	100		208629
14	Regulator Housing			N/A
15	Schrader Valve	- 9		203030
17	O-Ring			209502
	Tools			
18	Solenoid Wrench	46000	46000	
19	Pressure Gauge Assembly	/ B33004	B33004	B33004

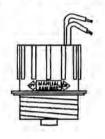


#### Solenoid Parts for all Rain Bird Valves

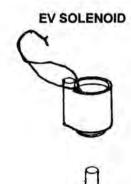


Part #208588-01

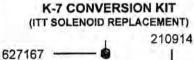


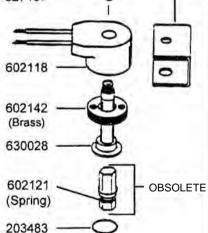


Part # 20858801 Used on APAS / ECV / AGV / EY AVA / EA Plastic Valves



SOL 4

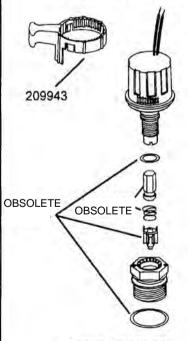




Part # 203671 Used on 61000 Series Valves EAV / EGV / ETV Valves

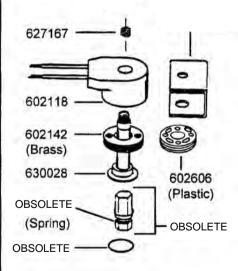
203482 -

E-Z BLEED KIT

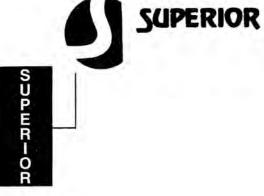


Part # 209532-02 Used on GB / EFB / PGA Valves

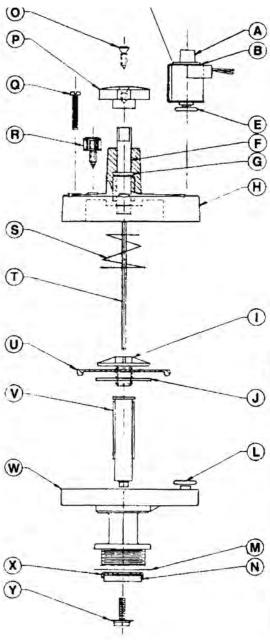
#### **UNIVERSAL KIT**



Part # 206920-01 Used on E / EA / EF/ EFA G / PE/ EP Valves DR Rotors



# Model 600 3/4" and 1" Brass Electric Adapters



tem#	Description	3/4"	1"
Α	Solenoid Coil Retainer	16007	16007
В	Solenoid Frame	16009	16009
C	Solenoid Coil	16008	16008
	Replacement Solenoid	SOL 2	SOL 2
E	Solenoid O-Ring	RCO110005	RCO110005
F	Flow Control Stem	14011	14011
G	Flow Control O-Ring	14002	14002
Н	Diaphragm Cap	14003	14003
=4	Diaphragm Plate-Upper	14015	14015
J	Diaphragm Plate-Lower	16021	16021
L	Exhaust O-Ring	RC0110001	RCO110001
M	Fiber Body Washer	RCO340000	RCO340001
N	Valve Disc Seat Washer	14023	14024
0	Flow Control Handle Screw	14007	14007
P	Flow Control Handle	14001	14001
Q	Diaphragm Cap Screws	14013	14013
R	Drain Cock	14012	14012
S	Diaphragm Spring	14021	14021
T	Cleaning Rod	14019	14019
U	Diaphragm Only	RCO110101	RC0110101
٧	Diaphragm Shaft	14016	14016
W	Diaphragm Housing w/Bonnet	14008	14009
X	Valve Disc Holder	14017	14018
Y	Disc Retainer & Orifice Screw	14010	14010

### Model 800 3/4" - 1" Electric Actuator



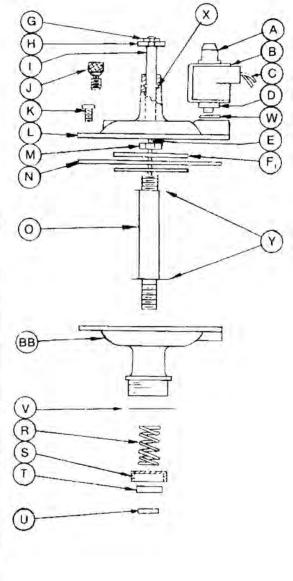
A - D. Solenoid R Co. Parts Replacement SOL 2 (24 Volt) SOL 12 (110 Volt)

Item #	Description	3/4"	1"
A-D,W	Solenoid Assy. (Complete)	SOL 2	SOL 2
B&C	Solenoid Coil / Frame	16008	16008
D	Plunger / Stem Assy.	16010	16010
	Plunger Only	RCO400012	RCO400012
ΞE	Cleaning Rod	15000	15001
F	Diaphragm Plate (2 ea.)	16019	16019
G	Handle Retaining Nut	16001	16001
H	Flow Control Handle	16034	16034
47.	Flow Control Stem	15011	15011
E,G,H,I,X	Flow Control Assy.	15202	15202
- J	Bleed Screw	RC0730001	RC0730001
K	Cover Screw	15014	15014
L	Diaphragm Cap Upper	15015	15015
M	Diaphragm Nut	15017	15017
N	Diaphragm Only	15019	15019
0	Diaphragm Shaft	15021	15021
P	Diaphragm Assy.	15208	15209
R	Spring	15037	15037
S	Seat Disk Holder	15042	15043
T	Seat Disk	RCO110113	RC0110114
U.	Seat Disk Retainer Nut	15051	15051
٧	Fiber Body Washer	RCO340000	RCO340001
W	Solenoid O-Ring	RCO110005	RCO110005
X	Flow Control O-Ring	16005	16005
Y	Shaft Washer (2 ea)	RCO340010	RC0340010

Repair Kit: includes J, N, T, V, W, X, Y

**RPK #41** 

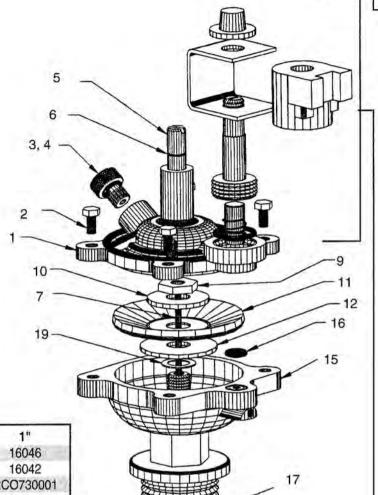
**RPK #42** 



# SUPERIOR 28 29 20 7 6 4 5 3 3 3 2 11 12 13

# 850Di Series 3/4" - 1" Electric Adapters

Item #	Description	3/4"	1"
1	Bonnet Only	15015	15015
2	Bonnet Bolt	15014	15014
3	Bleed Screw	RCO730001	RC0730001
ЗА	Bleed Screw O-Ring	RCO110001	RCO110001
4	Flow Control Stem	15011	15011
5	Flow Control O-Ring	16005	16005
6	Flow Control Handle	16034	16034
7	Handle Retaining Nut	16001	16001
8	Diaphragm Nut	15017	15017
9	Diaphragm Washers	16019	16019
10	Diaphragm Only	15019	15019
11	Diaphragm Shaft	15021	15022
12	Shaft O-Ring	16000	16000
13	Shaft Washer	RCO340010	RCO340010
14	Upper Body	15028 DI	15029 DI
15	Body Gasket	RCO34000	RCO340001
16	Shaft Spring	15037	15037
18	Seat Disk Holder	15042	15043
19	Seat Disk	RC0110113	RC0110114
20	Seat Disk Retaining Nut	15051	15051
21	Solenoid Frame	16009	16009
22	Solenoid Coil	16008	16008
22	Replacement Solenoid Assy.	16075A	16075A
23	Stem/Plunger Assy. (3 way)	16300	16300
25	Solenoid O-Ring	RCO110005	RC0110005
26	Tee Fitting	16520	16520
27	Tee Filter	165201	165201
28	L Fitting	16500	16500
29	Tubing (including end caps)	16502	16502



18

13

19

22

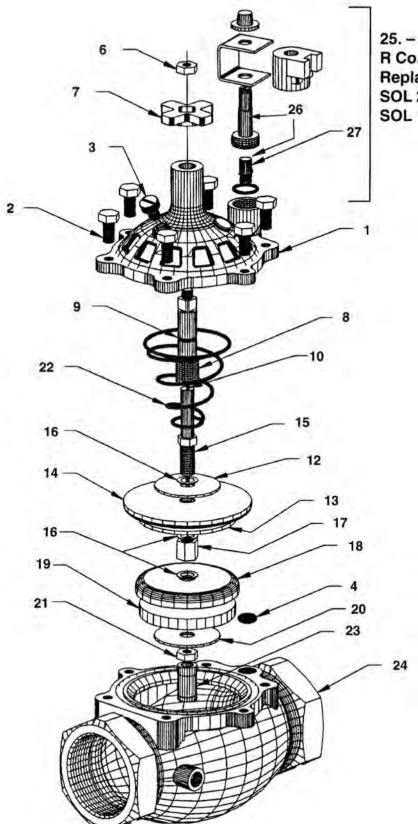
Item#	Description	3/4"	10
1	Cover Only	16046	16046
2	Cover Bolt	16042	16042
3	Bleed Screw	RC0730001	RC0730001
4	Bleed Screw O-Ring	RC0110001	RC0110001
5	Flow Control Stem	20006	20006
6	Flow Control O-Ring	16005	16005
7	Cleaning Rod (Metering Pin)	15000	15001
8	Diaphragm Assembly	16034	16034
9	Diaphragm Nut	15017	15017
10	Diaphragm Upper Washer	16066	16066
11	Diaphragm Only	RC0110100	RC0110100
12	Diaphragm Lower Washer	20000	20000
13	Diaphragm Shaft	20002	20003
	Shaft Washer (Not Shown)	RCO340010	RCO340010
15	Upper Body	20007	20008
16	Body / Cover O-Ring	RCO110001	RCO110001
17	Body Gasket	RCO340000	RCO340001
18	Shaft Spring	15037	15037
19	Shaft Washer	RCO340010	RCO340010
20	Seat Disk Holder	15042	15043
21	Seat Disk	RC0110113	RC0110114
22	Seat Disk Retaining Nut	15051	15051

Solenoid R Co. Parts Replacement SOL 2 (24 Volt) SOL 12 (110 Volt)

20

# SUPERIOR

# 950DW Series 3/4" - 3" Brass Electric Valves



25. – Solenoid R Co. Parts Replacement SOL 2 (24 Volt) SOL 12 (110 Volt)

# 950DW Series 3/4" - 3" Brass Electric Valves



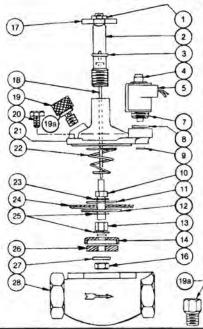
### OBSOLETE

Item#	Description	3/4"	1"	11/4"	11/2"	2"	3"
	Cover Assembly (New)	16201L	16202L	16203L	16204L	16205L	16220L
	Cover Assembly (Old) (incl. elbow)	16201N	16202N	16203N	16204N	16205N	16220N
1	Bonnet Only (New)	16046	16047	16048	16049	16049	19013
1	Bonnet Only (Old)	160463	160473	160483	160493	160493	190133
2	Cover Bolt	16042	16042	16041	16041	16041	19004
3	Bleed Screw	Signature of the second	The same of the sa	RC0730001	RC0730001		RC0730001
4	The state of the s	DBSOLETE OF					
5	Flow Control Assy. (New)	16206L	16207L	16208L	16209L	16210L	16221L
5	Flow Control Assy. (Old)	16206N	16207N	16208N	16209N	16210N	16221N
6	Handle Retaining Nut	N/A		OBSOLETE	and the second second		The Superior Live
7	Flow Control Handle	N/A		OBSOLETE			
8	Flow Control Stem ( w/rod)	2006B	16081N	160041N	16004N	16004N	19000N
9	Flow Control O-Ring	16005	16005	OBSOLETE			
10	Cleaning Rod / Metering Pin	N/A	16036L	16037L	15001	15001	19009L
11	Diaphragm Assy. (New)	16211L	16212L	16213L	16214L	16215L	16216L
11	Diaphragm Assy. (Old)	16211N	16212N	16213N	16214N	16215N	16216N
12	Diaphragm Upper Plate	OBSOLETE	16017	16018	16019	16019	19010
13	Diaphragm Lower Plate	OBSOLETE	16021	16022	16023	16023	19011
14	Diaphragm Only	and the same of th	and the second s	RC0110102	and trailing a control of the Charles	many material through he called to come and	RC0110112
15	Diaphragm Shaft	160132	16014	160152	160162	160162	190052
15	Diaphragm Shaft (Old)	160131	160141	160151	160161	160161	190052
16	Fiber Washer	RCO340009 F				A CANAL CONTRACTOR OF	RCO340010
17	Spacer Nut	Committee of the Commit		OBSOLETE	16026	16026	N/A
18	Seat Disk Holder	16027	16028	16029	16030	16031	19012
19	Seat Disk	16027	and the second second section	with the second second	The second secon		
-			16060	16061	16062	16063	19003
20	Seat Disk Retainer	OBSOLETE C		Committee or an or other department of the last	The second secon	16019	N/A
21	Seat Disk Retainer Nut	16032	16032	16032	16033	16033	16033
22	Diaphragm Spring	16050	16051	16051	16052	16052	19017
23	Filter/Strainer	16540	16540	16540	16539	16539	16539H
24	Valve Body	16067	16068	16069	16070	16071	19014
24	Valve Body (Old Style)	160671	160681	160691	160701	160711	190141
25	Solenoid Assembly	SOL 2	SOL 2	SOL 2	SOL 2	SOL 2	SOL 2
26	Solenoid Stem Assy. —	16010	16010	16010	16010	16010	16010
27	Plunger/Spring Assy. Fittings (Old Style Valve)	RCO400012 F	RCO400012	2 RCO400012	RCO400012	RCO400012	RCO400012
28	Tubing (w/end caps)	16503	16504	16505	16506	16506	16507
29	Elbow	16500	16500	16500	16500	16500	16500
30	T-Fitting (w/filter)	165202	165202	165202	165202	165202	165202
	Repair Kit: Includes 4, 9, 14, 16, 19	RPK #45	RPK #46	RPK #47	RPK #48	RPK #49	RPK #50

# SUPERIOR

# SUPERIOR

# 950 Series 3/4" - 3" Brass Electric Valves



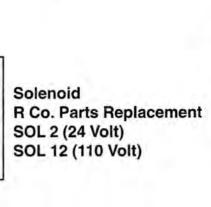
5. Solenoid R Co. Parts Replacement SOL 2 (24 Volt)

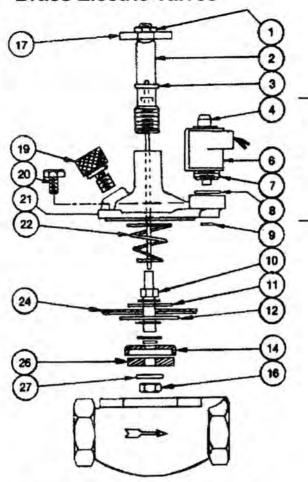
ltem#	Description	3/4"	1"	11/4"	11/2"	2"	3"
	Flow Control Assembly	16206	16207	16208	16209	16210	16221
1	Handle Retaining Nut	N/A	16001	RCO230002	RCO230002	RCO230002	RCO230002
2	Flow Control Stem	16003	16081	16004	16004	16004	19000
3	Flow Control O-Ring	16005	16005	RCO110003	RC0110003	RC0110003	RC0110003
4	Retainer Cap, Solenoid	16007	16007	16007	16007	16007	16007
5	Replacement Solenoid (complete)	SOL 2	SOL 2	SOL 2	SOL 2	SOL 2	SOL 2
7	Solenoid Stem Assy.	16010	16010	16010	16010	16010	16010
	Plunger/Spring Assy.	RCO400012	RCO400012	RCO400012	RCO400012	RCO400012	RCO400012
8	Seal, Solenoid	RCO110005	RCO110005	RCO110005	RCO110005	RCO110005	RC0110005
	Complete Top 1-9,17-19,21	16201	16202	16203	16204	16205	16220
	Diaphragm Assy. 9-16,23-27,29	16211	16212	16213	16214	16215	16216
9	Exhaust O-Ring	RC0110001	RC0110001	RC0110001	RC0110001	RC0110001	RC011000
10	Diaphragm Shaft	16013	16014	16015	RCO230000	RCO230000	19005
11	Diaphragm Upper Plate	RCO350002	16017	16018	16019	16019	19010
12	Diaphragm Lower Plate	RCO350002	16021	16022	16023	16023	19011
13	Spacer Nut	N/A	RCO230007	RCO230008	16026	16026	N/A
14	Seat Disk Holder	16027	16028	RCO230018	16030	16031	19012
16	Seat Disk Retainer Nut	16032	16032	16032	16033	16033	16033
17	Flow Control Handle	RC0130001	RCO130001	RCO130001	RCO130001	RCO130001	RC013000
18	Cleaning Rod / Metering Pin	N/A	16036	16037	16038	16038	19009
19	Bleed Screw	RC0730001	RC0730001	RC0730001	RCO730001	RC0730001	RC0730001
19a	Bleed Screw O-Ring	RC0110001	RCO110001	RC0110001	RC0110001	RC0110001	RC0110001
20	Cover Bolt	16042	16042	16041	16041	19004	19004
21	Cover Only	16046	16047	16048	16049	16049	19013
22	Diaphragm Spring	16050	16050	16050	16050	16050	16050
23	Fiber Washer	RCO340009	RCO340009	RCO340009	RC0340010	RCO340010	RC0340010
24	Diaphragm Only	RC0110100	RC0110101	RCO110102	RCO110103	RCO110103	RC0110112
25	Fiber Washer	RCO340009	RCO340009	RCO340009	RCO340010	RCO340010	RCO340010
26	Seat Disk	16092	16060	16061	16062	16063	19003
27	Seat Disk Retainer	RCO350002	RCO350002	RCO350002	16066	16019	N/A
28	Valve Body	16067	16068	16069	16070	16071	19014
TO B							
Repair	Kit: includes 3, 8, 9, 23 - 26, 19a	<b>RPK #45</b>	<b>RPK #46</b>	RPK #47	RPK #48	RPK #49	<b>RPK #50</b>

### 1000 Series 1" - 2" Brass Electric Valves



SUPERIOR





Item#	Description	1"	2"
1	Nut, Flow Control	N/A	RCO230002
2	Stem, Flow Control	16003	16004
3	O-Ring, Flow Control	16005	RCO110003
4	Retainer Cap, Solenoid	16007	16007
6	Solenoid Coil	16008	16008
	Solenoid, Replacement	SOL 2	SOL 2
7	Stem/Plunger Assy.	16010	16010
8	Seal, Solenoid	RCO110005	RCO110005
9	Exhaust O-Ring	RCO110001	RCO110001
10	Diaphragm Shaft	16013	16093
11	Diaphragm Plate Upper	RCO350002	16019
12	Diaphragm Plate, Lower	N/A	16023
14	Valve Disc Holder	15043	N/A
16	Valve Disc Nut	16032	16033
17	Flow Control Handle	N/A	RCO130001
19	Bleed Screw	RC0730001	RCO730001
20	Diaphragm Cap Bolt	16040	16041
21	Diaphragm Cap	16046	16049
22	Diaphragm Spring	16050	16052
24	Diaphragm Only	RC0110100	RCO110103
26	Valve Disc Seat Washer	RC0110114	16063
27	Valve Disc Retaining Washer	RCO350002	16066
	Seat Disc Guide (Not Shown)	16072	N/A



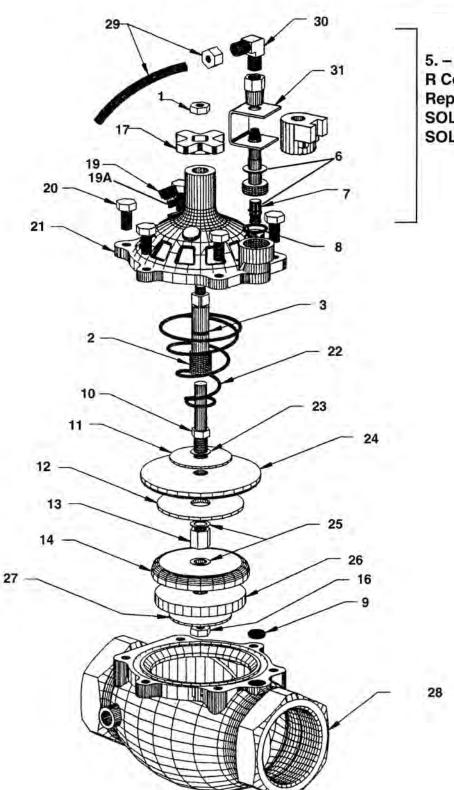
# 3000 Series 3/4" - 3" Brass Electric Valves

Item#	Description	3/4"	1"	1 1/4"	1 1/2"	2"	3"
	Flow Control Assembly	16206	16207	16208	16209	16210	19017
1	Handle Retaining Nut	N/A	16001	RCO110002	RCO110002	RCO110002	RCO110002
2	Flow Control Stem	16003	16081	RC0110003	RC0110003	RCO110003	RC0110003
3	Flow Control O-Ring	16005	16005	16006	16006	16006	16006
5	Replacement Solenoid (comp.	) SOL 2	SOL 2	SOL 2	SOL 2	SOL 2	SOL 2
6	Solenoid Stem Assy.	16010	16010	16010	16010	16010	16010
7	Plunger/Spring Assy.	RCO400012	RCO400012	RCO400012	RCO400012	RCO400012	RCO400012
8	Seal, Solenoid	RCO110005	RCO110005	RCO110005	RCO110005	RCO110005	RC0110005
	Complete Top 1-9,17-19, 21	16201	16202	16203	16204	16205	16220
	Diaphragm Assy. 9-16, 23-27,	16211	16212	16213	16214	16215	16216
9	Exhaust O-Ring	RC0110001	RC0110001	RC0110001	RCO110001	RC0110001	RC011000
10	Diaphragm Shaft	16013	16014	16015	RCO230000	RCO230000	19005
11	Diaphragm Upper Plate	RCO350002	16017	16018	16019	16019	19010
12	Diaphragm Lower Plate	RCO350002	16021	16022	16023	16023	19011
13	Spacer Nut	N/A	RCO230007	RCO230008	16026	16026	N/A
14	Seat Disk Holder	16027	16028	RCO230018	16030	16031	19012
16	Seat Disk Retainer Nut	16032	16032	16032	16033	16033	16033
17	Flow Control Handle	N/A	16034	RCO130001	RCO130001	RCO130001	RCO13000
18	Cleaning Rod / Metering Pin (r	n.s.) N/A	16036	16037	16038	16038	19009
19	Bleed Screw	RC0730001	RC0730001	RC0730001	RC0730001	RC0730001	RC073000
19a	Bleed Screw O-Ring	RC0110001	RC0110001	RC0110001	RCO110001	RC0110001	RC011000
20	Cover Bolt	16042	16042	16041	16041	16041	16042
21	Cover Only	16046	16047	16048	16049	16049	19013
22	Diaphragm Spring	16050	16051	16051	16052	16052	19017
23	Fiber Washer	RCO340009	RCO340009	RCO340009	RCO340010	RCO340010	18002
24	Diaphragm Only	RC0110100	RC0110101	RC0110102	RCO110103	RCO110103	RC0110112
25	Fiber Washer	RCO340009	RCO340009	RCO340009	RCO340010	RCO340010	18002
26	Seat Disk	16092	16060	16061	16062	16063	19003
27	Seat Disk Retainer	RCO350002	RCO350002	RCO350002	16066	16019	N/A
28	Valve Body	16067	16068	16069	16070	16071	19014
29	Tubing, Fittings Included	16508	16509	16510	16511	16511	16512
30	L-Fitting	16500	16500	16500	16500	16500	16500
31	Frame	16009	16009	16009	16009	16009	16009
Repair	Kit:						
	es 3, 8, 9, 23-27, 19a	RPK #45	RPK #46	RPK #47	RPK #48	RPK #49	RPK #50

# MO-MM-OR

### 3000 Series 3/4" - 3" Brass Electric Valves

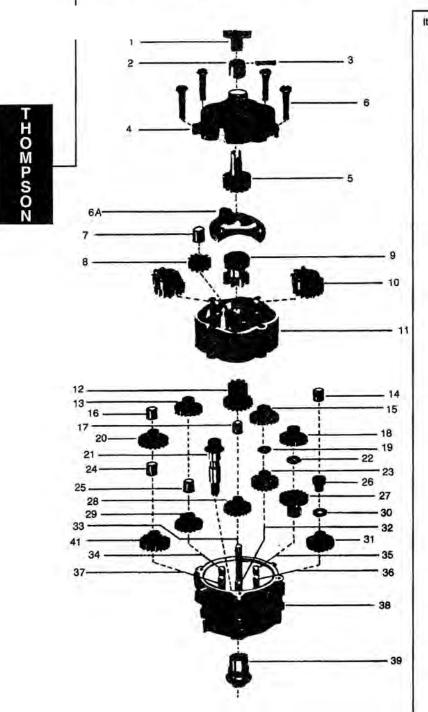




5. – Solenoid R Co. Parts Replacement SOL 2 (24 Volt) SOL 11 (110 Volt)



# 189 (Part Circle) Long Range Gear Case

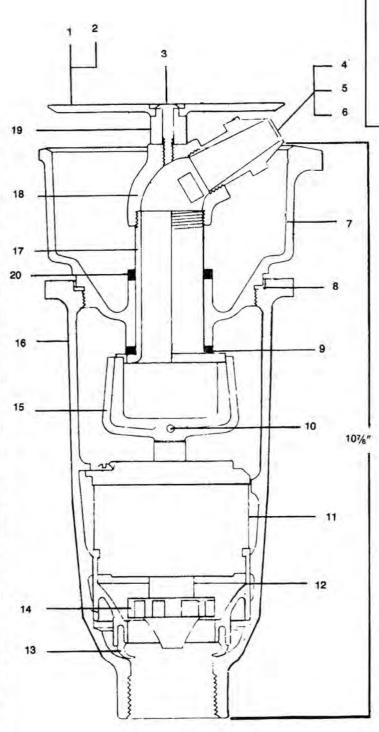


2 3	Driving Dog	OBSOLETE
3		
	Collar, Driving Dog	180084
	Pin, Driving Dog	180081
4	Cover, Gear Case 90-108 degree only	180204
4	Cover, Gear Case 127 degree only	180205
4	Cover, Gear Case 148-173, 192 degree	180206
4	Cover, Gear Case 238 & 270 degree	180207 180078
6	Screw, Gear Case (4 required)	180352
5	Gear, Cover, 20 Tooth 90 deg. arc	2.39 0.80
5	Gear, Cover, 18 Tooth 108 deg. arc	180353 180354
5	Gear, Cover, 17 Tooth 127 deg. arc Gear, Cover, 16 Tooth 148 deg. arc	180355
5	Gear, Cover, 15 Tooth 173 deg. arc	180356
5	Gear, Cover, 14 Tooth 192 deg. arc	180357
5	Gear, Cover, 13 Tooth 238 deg. arc	180358
5	Gear, Cover, 12 Tooth 270 deg. arc	180359
6A	Bridge	180085
7	Spacer, Loose (.307 Long)	OBSOLETI
8	Gear, Idler	180140
9	Gear, Arc 8 Teeth 90 deg arc	180368
9	Gear, Arc 9 Teeth 108 deg. arc	180369
9	Gear, Arc 10 Teeth 127 deg. arc	180150
9	Gear, Arc 10 feeth 127 deg. arc	180370
9	Gear, Arc 12 Teeth 173 deg. arc	180371
9	Gear, Arc 13 Teeth 192 deg. arc	180371
9	Gear, Arc 14 Teeth 238 deg. arc	180373
9	Gear, Arc 15 Teeth 270 deg. arc	180374
10	Gear, Segment, All Arcs (2 required)	180143
11	Gear Case, Upper w/ all spindles &	180382
31	.307 Long. Tight Spacer 90 & 108 deg.	100002
11	Gear Case, Upper w/ all spindles &	180383
11	.307 Long, Tight Spacer 127 deg.	100000
11	Gear Case, Upper w/ all spindles &	180384
3.1	.307 Long, Tight Spacer 148-270 deg.	100004
12	Gear, Intermediate, 12 tooth 90 & 108	180133
12	Gear, Intermediate, 20 tooth all others	180139
13	Gear, Last 9 Tooth 90 & 108 deg.	180108
14	Spacer, Loose (.201 Long)	180378
15	same as No. 13	180108
16	Spacer, Loose (.201 Long)	180378
17	Spacer, Loose (.233 Long)	180378
18	same as No. 13	180108
19	Washer, Spacer, Brass	180194
20	Gear, Regular 20 Tooth	180094
21	Pinion, First & Impeller Shaft Assy.	180217
22	Washer, Spacer, Brass	180194
23	Gear, Regular 20 Tooth	180094
24	Spacer, Loose (.250 Long)	18037
25	Spacer, Loose (.233 Long)	18037
26	Pinion, Idler 8 Tooth	180197
27	Gear, Change 20 Tooth	180096
28	Gear, Regular 20 Tooth	180094
29	Gear, Regular 20 Tooth	180094
30	Washer, Spacer, Brass	180194
31	Gear, Regular 20 Tooth	180094
32	Spindle, #6 with .500 tight spacer	18038
33	Spindle, #3 (long) with .500 tight spacer	18038
34	Spindle, #2 with .295 long tight spacer	18038
35	Spindle, #4 with .281 long tight spacer	18038
36	Spindle, #5 with .295 long tight spacer	18038
37	Spindle, #1 with .040 long tight spacer	18038
38	Gear Case, Lower w/ spindles & tight spacers	180381
39	Bearing, Impeller Shaft	180193
40	Washer, Bearing (Not Shown)	OBSOLET
41	Gear, First 20 Tooth (thick) (Not Shown)	180091
	not sold separately, order P/N 180381 for complete	

# 188 (Full Circle) and 189 (Part Circle) Super Range Gear Driven Sprinklers



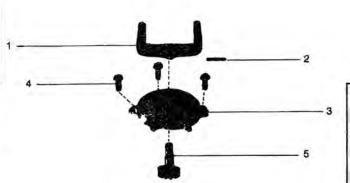
Item #	Description	Part #
1	Cover, Sprinkler	180014
2		180199
3	the state of the s	180012
4	Nozzle, Innersweep (for all nozzle	s) 180060
5	Nozzle, Mid Range W, X, Y, Z	180049
6	Nozzle, Outer Range W	180062
6	Nozzle, Outer Range X	180063
6	Nozzle, Outer Range Y	180064
6	Nozzle, Outer Range Z	180065
7	Body, Inner	180004
8	Gasket, Body	180055
	Washer, Stem (filled teflon)	180069
	Pin, Yoke	180082
11	Assembly*, Gear Case/Drive includes all internal gears plus #10, 14, 15, & P/N 180195	180215
12	Plate, Port W-X-Y-Z	180066
13	Gasket, Port Plate (Rubber) OI	BSOLETE
14	Impeller	180196
**	Washer, impeller bearing (n.s.) O	BSOLETE
15	Yoke, Driving	180080
16	Body, Outer 1 1/4"	180308
17	Stem	180051
18	Head, Nozzle	180017
19	Spacer, Cover	180015
**	Assembly*, Upper Head	
	includes: 1, 2, 4 - 7, 9, 17 - 19	
	W Nozzle	180676
1 2	X Nozzle	180677
	Y Nozzle	180678
10	Z Nozzle	180679
**	Cap, Soft Rubber	180007
**	Screw, Rubber Cap (4 required)	180005
**	Cover, Flange - soft rubber	180010
**	Grease, Gear Case (1 Lb.)	180213
20	Wiper	180067
	* Specify nozzle size and/or arc d ** Item not shown in drawing	esired

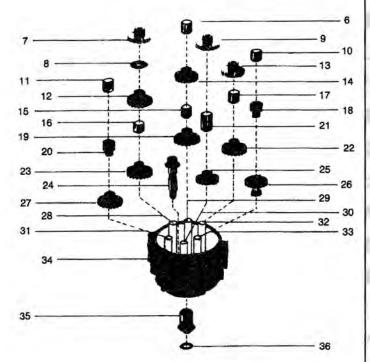




### 188 (Full Circle) Super Long Range Gear Case







Item #	Description	Part #
-1	Yoke	180080
2	Pin, Driving Yoke	180082
3	Cover, Gear Case	180072
4	Screw, Gear Case (3 required)	180077
5	Gear, Cover	180125
6	Spacer, Loose (.283 Long)	180377
7	Gear, Last 20 Tooth w/ Index Mark	180106
8	Washer, Spacer (Brass)	180194
9	Gear, Last 20 Tooth w/ Index Mark	180106
10	Spacer, Loose (.283 Long)	180377
11	Spacer, Loose (.283 Long)	180377
12	Gear, Regular 20 Tooth	180094
13	Gear, Last 20 Tooth w/ Index Mark	180106
14	Gear, Regular 20 Tooth	180094
15	Spacer, Loose (.233 Long)	180377
16	Spacer, Loose (.250 Long)	180377
17	Spacer, Loose (.233 Long)	180377
18	Pinion, Idler 8 Tooth	180197
19	Gear, Regular 20 Tooth	180094
20	Pinion, Idler 8 Tooth	180197
21	Spacer, Loose (.446 Long)	180377
22	Gear, Regular 20 Tooth	180094
23	Gear, First 20 Tooth (thick)	180091
24	Assy, Pinon Washer & Impeller Shaft	180217
25	Gear, Regular 20 Tooth	180094
26	Gear, Change 20 Tooth	180096
27	Gear, Regular 20 Tooth	180094
28	Spindle #1 w/ Shortest Tight Spacer	180351
29	Spindle #2 with Tight Spacer .295	180351
30	Spindle #5 with Tight Spacer .295	180351
31	Spindle #6 with Tight Spacer .500	180351
32	Spindle #3 with Tight Spacer .500	180351
33	Spindle #4 with Tight Spacer .281	180351
34	Gear Case & Spindle Assy with All	180351
	Tight Spacers	
35	Bearing, Impeller Shaft	180193
36	Washer, Bearing OB	SOLETE
	* Spindles Not Sold Separately, order	-
	complete kit P/N 180351	- 1
	** Loose Spacers Not Sold Separately	y,
	order complete kit P/N 180377	

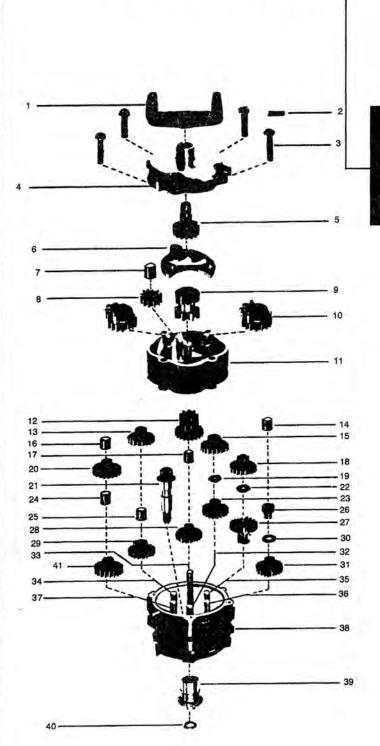
### 189 (Part Circle) Super Long Range Gear Case



**LIOZPWOZ** 

Item #	Description	Part #
1	Yoke	180080
2	Pin, Yoke	180082
3	Screw, Gear Case (4 required)	180078
4	Cover, Gear Case 90-108 degree only	180204
4	Cover, Gear Case 127 degree only	180205
4	Cover, Gear Case 148-173, 192 degree	180206
4	0.094, D. 10.1 (M. 1968), D. 1.1 (S. 1967), A. 1. VARPINION (I.N. 1968) (M. 1968), M. 1968 (M. 1968)	180207
	Cover, Gear Case 238 & 270 degree	- V979Z/U/
5	Gear, Cover, 20 Tooth 90 deg. arc	180352
5	Gear, Cover, 18 Tooth 108 deg. arc	180353
5	Gear, Cover, 17 Tooth 127 deg. arc	180354
5	Gear, Cover, 16 Tooth 148 deg. arc	180355
5	Gear, Cover, 15 Tooth 173 deg. arc	180356
5	Gear, Cover, 14 Tooth 192 deg. arc	180357
5	Gear, Cover, 13 Tooth 238 deg. arc	180358
5	Gear, Cover, 12 Tooth 270 deg. arc	180359
6	Bridge	180085
7	Spacer, Loose (.307 Long)	OBSOLET
8	Gear, Idler	180140
9	Gear, Arc 8 Teeth 90 deg. arc	180368
		180369
9	Gear, Arc 9 Teeth 108 deg. arc	2000 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
9	Gear, Arc 10 Teeth 127 deg. arc	180150
9	Gear, Arc 11 Teeth 148 deg. arc	180370
9	Gear, Arc 12 Teeth 173 deg. arc	18037
9	Gear, Arc 13 Teeth 192 deg. arc	180372
9	Gear, Arc 14 Teeth 238 deg. arc	180373
9	Gear, Arc 15 Teeth 270 deg. arc	180374
10	Gear, Segment, All Arcs (2 required)	180143
11	Gear Case, Upper w/ all spindles &	180382
-	.307 Long, Tight Spacer 90 & 108 deg.	100002
- 44		180383
11	Gear Case, Upper w/ all spindles &	100300
	.307 Long, Tight Spacer 127 deg.	12
11	Gear Case, Upper w/ all spindles &	180384
	.307 Long, Tight Spacer 148-270 deg.	
12	Gear, Intermediate, 12 tooth 90 & 108	180133
12	Gear, Intermediate, 20 tooth all others	180139
14	Spacer, Loose (.201 Long)	180378
15	same as No. 13	OBSOLET
16	Spacer, Loose (.201 Long)	18037
17	Spacer, Loose (.233 Long)	18037
18	same as No. 13	OBSOLET
19	Washer, Spacer, Brass	180194
		and the second second second
20	Gear, Regular 20 Tooth	180094
21	Pinion, First & Impeller Shaft Assy.	180217
22	Washer, Spacer, Brass	18019
23	Gear, Regular 20 Tooth	180094
24	Spacer, Loose (.250 Long)	18037
25	Spacer, Loose (.233 Long)	18037
26	Pinion, Idler 8 Tooth	180197
27	Gear, Change 20 Tooth	180096
28	Gear, Regular 20 Tooth	180094
29	Gear, Regular 20 Tooth	180094
30	Washer, Spacer, Brass	180194
31	Gear, Regular 20 Tooth	180094
32	Spindle, #6 with .500 tight spacer	18038
33	Spindle, #3 (long) with .500 tight spacer	18038
34	Spindle, #2 with .295 long tight spacer	18038
35	Spindle, #4 with .281 long tight spacer	18038
36	Spindle, #5 with .295 long tight spacer	18038
37	Spindle, #1 with .040 long tight spacer	18038
38	Gear Case, Lower w/ spindles &	180381
00	tight spacers	10000
39	Bearing, Impeller Shaft	180193
40	Washer, Bearing Gear, First 20 Tooth (thick) (Not Shown)	OBSOLET 180091
41		

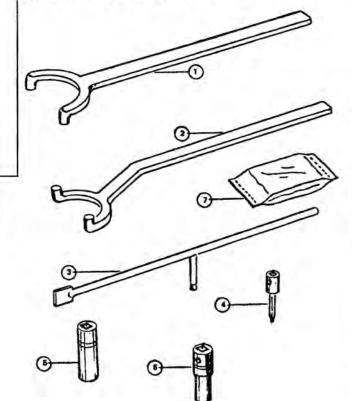
\*\* Loose Spacers not sold separately, order P/N 180378 for complete kit



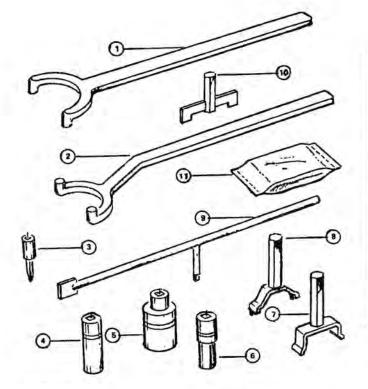


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# Rotor Maintenance Kits, Tools and Accessories



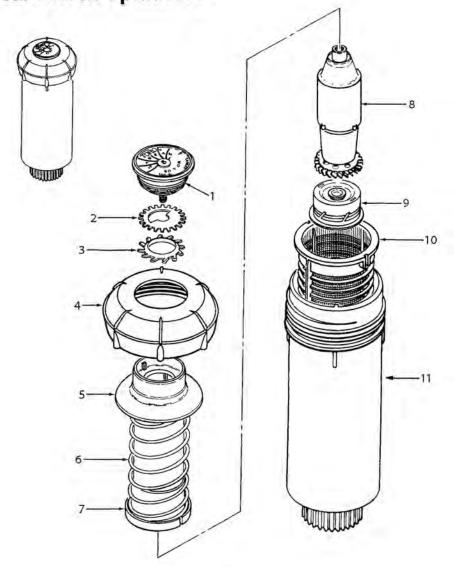
Item #	Description for Models 186 & 187	Part #
1-7	Complete Maintenance Kit, 186 & 187	250031
1	Wrench, Inner Body OE	SOLETE
2	Wrench, Outer Body	250033
3	Wrench "T" Combination	250034
4	Socket, Phillips	250035
5	Socket, Nozzle (9/16")	250036
6	Socket, Nozzle (3/8")	250037
7	Parts Assortment Includes: 3 Body Gaskets 10 Driving Dog Pins, 5 Driving Dogs 5 Teflon Stem Washers, 2 Port Plate Gaskets	250038



Item #	Description for Models 188 & 189	Part #
1-7	Complete Maintenance Kit, 188 & 189	250041
1	Wrench, Inner Body OE	SOLETE
2	Wrench, Outer Body	250033
3	Socket, Phillips	250035
4	Socket, Nozzle (9/16")	250036
5	Socket, Nozzle (1")	250042
6	Socket, Nozzle (3/8")	250037
7	Remover, Full Circle Gear Case	250043
8	Remover, Part Circle Gear Case	250044
9	Wrench "T" Combination	250034
10	Wrench, Stem	250040
11	Parts Assortment	250038
	Includes: 3 Body Gaskets	
	10 Driving Dog Pins, 5 Driving Dogs	
	5 Teflon Stem Washers,	
	2 Port Plate Gaskets	

# 300 Series Multiple Stream Gear Driven Sprinklers



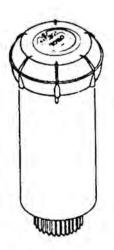


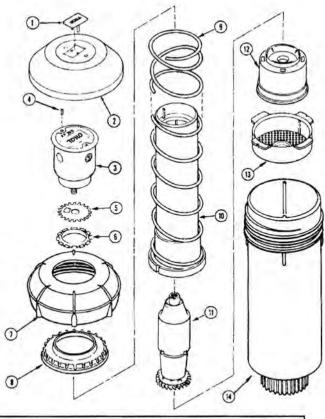
Item #	Description	Shrub	4" Pop-up	12" Pop-up
3	Nozzle/Arc Plate Seal	9-2825	9-2825	9-2825
4	Body Cap		9-4394	35-0481
5	Riser Seal		9-4449	9-4572
6	Retraction Spring		9-2137	35-7579
7	Riser	9-5210	9-2836	9-4570
8	Gear Drive Assembly	9-2829	9-2829	9-2829
9	Variable Stator Assembly	9-5183	9-5181	9-5683
10	Basket Screen	9-5212	9-2131	9-4571
11	Body, Pop-up models		9-1661	OBSOLETE
	Shrub Base	9-5536		
Comme	Shrub Base Seal	9-5211		

Item #	Description	Part #
1	300 Series Nozzle	s
	Small -01	9-2833
	Medium -02	9-2834
	Large -03	9-2835
	Low Gallonage -63	9-7050
	Low Gallonage -93	9-7053
2	Arc Plates	
	1/4 Circle	304-00
	112 degree	305-00
	135 degree	306-00
	157 degree	307-00
	1/2 circle	308-00
	202 degree	309-00
	225 degree	<b>OBSOLETE</b>
	3/4 circle	312-00
	Full circle	316-00



# XP-300 Series Multiple Stream Gear Driven Sprinklers





Item #	Description	Shrub	4" Pop-up	12" Pop-up
1	Retainer Plug (optional RC)		35-1776	35-1776
2	Rubber Cover (optional)		35-1565	35-1565
4	Set Screw	360-0223	360-0223	360-0223
6	Nozzle/Arc Plate Seal	35-2137	35-2137	35-2137
7	Body Cap		9-4394	35-4515
8	Riser Seal		9-4449	35-3630
9	Retraction Spring		9-2137	35-7579
10	Riser	35-2187	35-2138	35-2247
- 11	Gear Drive Assembly	35-4063	35-4063	35-4063
12	Variable Stator Assembly	35-2859	35-2858	35-3822
13	Basket Screen	9-5212	35-2136	9-4571
14	Body, Pop-up models		9-1661	OBSOLETE
200	Shrub Base 1/2"	9-5536		
	Shrub Base Seal	9-5211		

Item #	Description	
5	Arc Plates	
	1/4 Circle	XP-304-00
	115 degree	XP-305-00
	140 degree	XP-306-00
	165 degree	XP-307-00
	1/2 circle	XP-308-00
i E	195 degree	XP-309-00
	210 degree	XP-310-00
	225 degree	XP-311-00
	3/4 circle	XP-313-00
	Full circle	XP-316-00

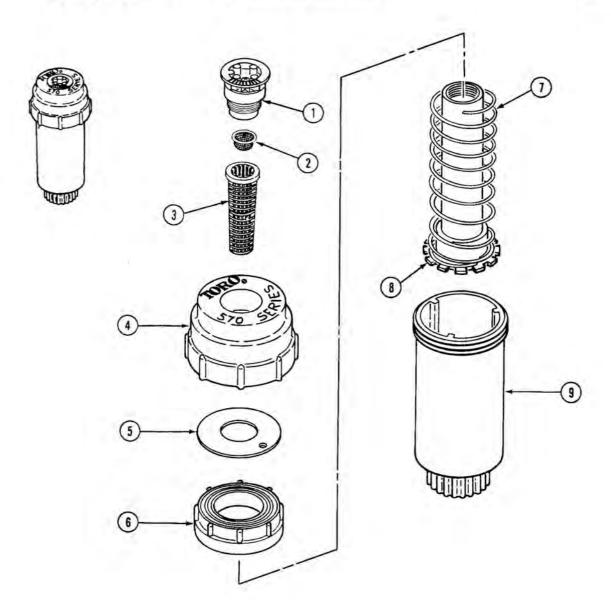
Item #	Description	
3	XP-300 Series Nozzles	
	5.0 GPM	N/A
	7.0 GPM	XP300-02
	9.0 GPM	XP300-03
	10.0 GPM	XP300-04

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# T O R O

# 570P & 570HP Series Pop-up Spray Sprinklers (obsolete model)



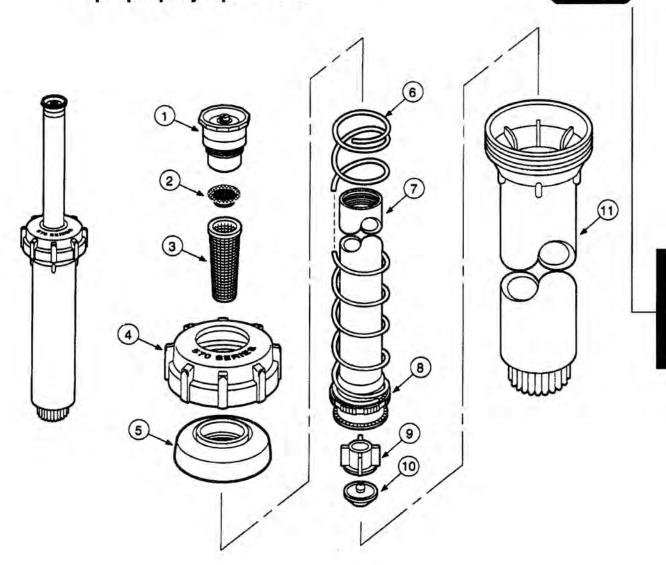


Item #	Description	3" Pop-up	12" Pop-up
1	Nozzle Assembly		
2	Screen, Metal	89-0946	89-0946
3	Screen, Plastic	9-5112	9-5112
4	Body Cap	9-5244	9-5244
5	Seal, Cap	35-0997	35-0997
6	Retainer, Seal	9-5260	9-5260
7	Spring, Return	9-5696	35-6872
8	Riser	9-5280	89-1080
9	Body	3-1001	9-7236
10	0-ring (12") not shown		363-1580

Item #	Description	3" Pop-up	4" Pop-up	6" Pop-up	12" Pop-up
1	Nozzle Assembly				100
2	Screen, Metal	89-0946	89-0946	89-0946	89-0946
3	Screen, Plastic	9-5112	9-5112	9-5112	9-5112
4	Body Cap	35-3074	35-3074	35-3074	35-3074
5	Seal, Cap	35-3078	35-3078	35-3078	35-3078
6	Retainer, Seal	35-3076	35-3076	35-3076	35-3076
7	Spring, Return	35-4879	35-3077	35-4874	35-6872
8	Riser	89-0967	89-0969	89-0856	89-0957
9	Retainer, Spring	89-0463	89-0463	89-0463	89-0463
10, 11	Check Valve	89-5896	89-5896	89-5896	89-5896
12	Body	89-0966	89-0968	89-0970	
12	Body w/ side inlet			OBSOLETE	35-9322
	Side inlet plug (not shown)			363-3125	363-3125

# 570Z Series Pop-up Spray Sprinklers

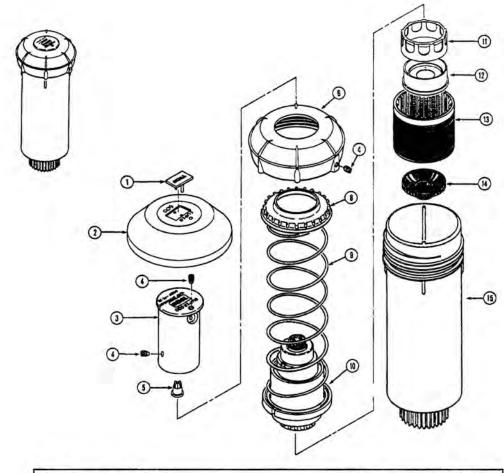




Item #	Description	2" Pop-up	3" Pop-up	4" Pop-up	6" Pop-up	12" Pop-up
90 1	Nozzle Assembly	-1000000-	- Carr			
2	Screen, Metal	89-0946	89-0946	89-0946	89-0946	89-0946
3	Screen, Plastic	9-5112	9-5112	9-5112	9-5112	9-5112
4	Body Cap	89-3747	89-3747	89-3747	89-3747	OBSOLETE
5	Seal, Cap	89-3746	89-3746	89-3746	89-3746	89-3746
6	Spring, Return	89-5640	35-4879	35-3077	35-4874	35-6872
7	Riser	89-5642	89-0967	89-0969	89-0856	89-0957
8	Retainer, Spring	89-0463	89-0463	89-0463	89-0463	89-0463
9, 10	Check Valve	89-5896	89-5896	89-5896	89-5896	89-5896
11	Body	89-5641	89-0966	89-0968	89-0970	
ME-M	Body w/ side inlet	1		100	OBSOLETE	35-9322
12	Side inlet plug (not shown)				363-3125	363-3125

# TORO.

# Super 600 Series Gear Driven Sprinklers



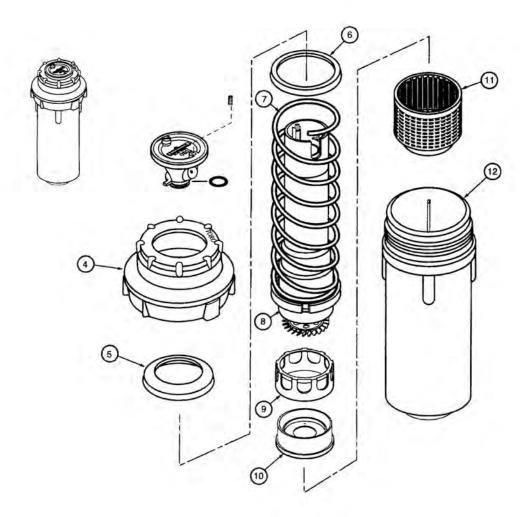
Item #	Description	Shrub	Lawn Pop-up
1	Retainer Plug (optional RC)	The second second	35-1776
2	Rubber Cover (optional)		35-1565
3	Nozzle Assembly 1.3 PC	35-1213	35-1213
	Nozzle Assembly 2.5 PC	35-1215	35-1215
	Nozzle Assembly 5.0 PC	35-1217	35-1217
	Nozzle Assembly 1.3 FC	35-1219	35-1219
	Nozzle Assembly 2.5 FC	35-1221	35-1221
	Nozzle Assembly 5.0 FC	35-1223	35-1223
4	Set Screw	360-0223	360-0223
5	Nozzle Seal (included with #3)	000000000000000000000000000000000000000	, , , , , , , , , , , , , , , , , , ,
6	Body Cap		9-4394
8	Riser Seal		9-4395
9	Retraction Spring		9-1995
10	Gear Drive Assembly, Part Circle	OBSOLETE	35-2613
10	Gear Drive Assembly, Full Circle	35-2628	35-2614
11 & 12	Variable Stator Assembly	35-6323	35-6323
13	Basket Screen		9-1691
14	Check Valve		35-2245
15	Body, Pop-up models		9-1661
- Wasta	Shrub Base 3/4"	9-6897	
	Shrub Base Seal	9-5211	

### T 0 R 0

# T O R O

# Super 700 Series Gear Driven Sprinklers—Commercial





Item #	Description	Shrub	Lawn Pop-up	Com. Pop-up	12" Pop-up
4	Body Cap		35-8962	35-8963	89-0111
5	Riser Seal		35-3145	35-8964	35-3145
6	Seal Support Sleeve		89-0995	89-0995	89-0995
7	Retraction Spring		35-4508	89-0122	35-5196
8	Gear Drive Assembly, Part Circle	35-8913	35-8913	35-8931	35-8916
8	Gear Drive Assembly, Full Circle	35-8912	35-8912	35-8932	35-8918
9 & 10	Variable Stator Assembly	35-6323	35-6323	35-6323	35-6323
11	Basket Screen	89-1161	9-1691	9-1691	9-1691
	Check Valve (Not Shown)		89-0266	89-0266	0.700
12	Body, Pop-up models		9-1661	9-1661	OBSOLETE
	Shrub Base 3/4"	OBSOLETE		THE RESERVE OF THE PARTY.	13000
	Shrub Base Seal	9-5211			

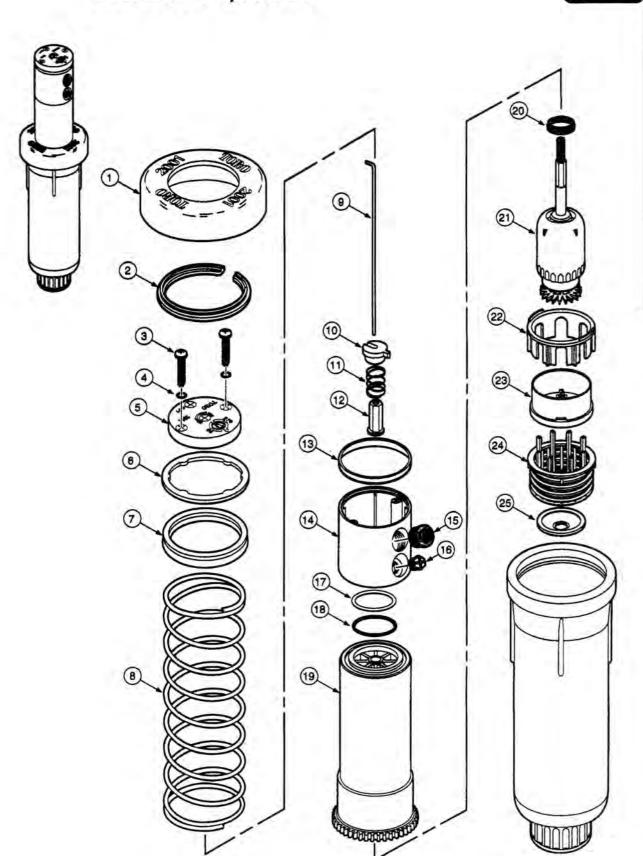
# 2001 Series Commercial Gear Driven Sprinklers

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Item #	Description	<b>Plastic Riser</b>	Stainless Riser
1	Rubber Cover	89-3883	89-3883
2	Snap Ring	89-3885	89-3885
3	Screw	363-1493	OBSOLETE
4	O-ring	RCO110033	RCO110033
5	Nozzle Top Assembly	3-3755	89-3944
6	Seal Support Ring	89-3943	89-3943
7	Riser Seal	OBSOLETE	OBSOLETE
8	Spring	89-3927	89-3927
9	Shaft (PC Pin)	89-3869	89-3869
10	Arm, Clutch (PC Models)	89-4890	89-4890
11	Spring, Clutch	89-5887	89-5887
12	Nozzle Base Nut	89-3928	89-3928
13	Nozzle Base Collar	89-4887	89-4887
14	Nozzle Base	89-3872	89-5990
15	Main Nozzle, 6.0 GPM Yellow	89-4765	89-4765
	Main Nozzle, 9.0 GPM Orange	89-4766	89-4766
	Main Nozzle, 12.0 GPM Brown	89-4767	89-4767
	Main Nozzle, 18.0 GPM Blue	89-4768	89-4768
	Main Nozzle, 24.0 GPM Green	89-4769	89-4769
16	Lower Nozzle, Small, White	OBSOLETE	OBSOLETE
	Lower Nozzle, Large, Red	OBSOLETE	OBSOLETE
17	Nozzle Bearing Washer	363-3399	363-3399
18	O-ring	363-3198	363-3198
20	Brake	89-5904	89-5904
19 & 21	Gear Drive Assembly	89-8036	89-8036
22	Stator Holder	89-7374	89-7374
23 & 24	COM Assembly	89-3935	89-3935
25	Check Valve	35-2245	35-2245

# 2001 Series Commercial Gear Driven Sprinklers





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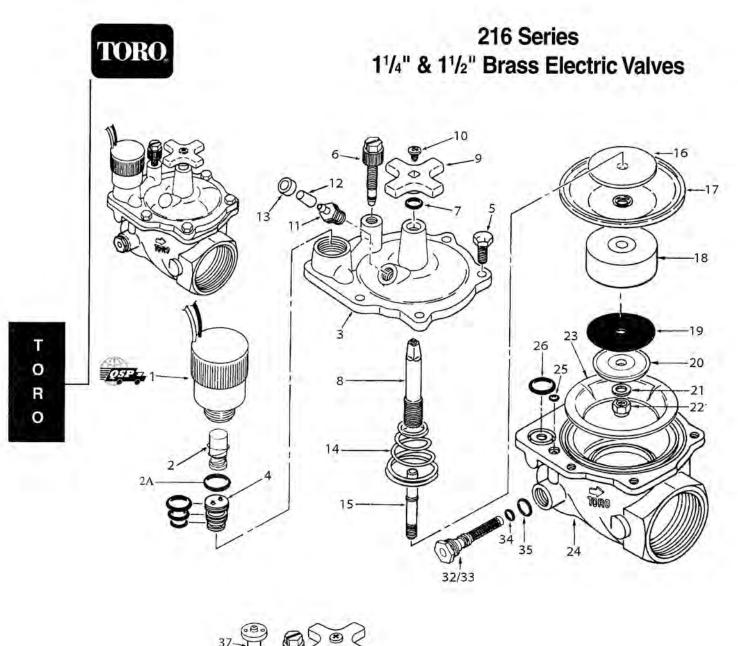
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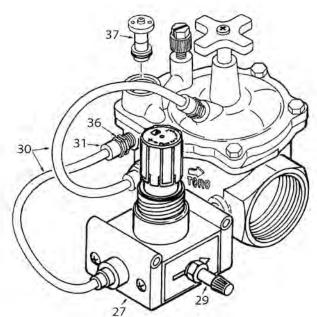
### T O R O

# 216 Series 1" Brass Electric Valves



Item #	Description	Part #
77	Solenoid Assemblies	20.0
1	Solenoid (Complete) R Co.	SOL3
1	Solenoid (Complete) (PR)	353099
2	Solenoid O-Ring	RCO110005
3	Solenoid Plunger w/ Spring (Electric)	RCO400011
3	Solenoid Plunger w/Spring (PR)	OBSOLETE
	Valve Bonnet Assembly	
4	Valve Bonnet (Electric)	895824
4	Valve Bonnet (Hydraulic)	895823
4	Valve Bonnet (Pressure Regulating)	895825
5	Acuator Assembly	893407
6	Valve Bonnet Bolts	3600595
7	Manual Bleed	OBSOLETE
8	Valve Stem O-Ring	RCO110002
9	Valve Stem	896507
10	Cross Handle	94527
11	Handle Screw	3600498
12	Poly Connector (Hydraulic)	90024
13	Poly Cap (Hydraulic)	OBSOLETE
14	Retainer Tube (Hydraulic)	90040
	Diaphragm Assemblies	
15	Diaphragm Spring	95146
16-22	Diaphragm Assembly (Electric)	95359
16-22	Diaphragm Assembly (Hydraulic N	95359
16-22	Diaphragm Assembly (PR & CR)	95359
16	Diaphragm Shaft	95552
17	Upper Diaphragm Support Plate	94562
18	Diaphragm Only	94567
19	Diaphragm Spacer	352651
20	Seat Disc	352857
21	Seat Disc Retainer	357214
- 22	Seat Disc Nut	3600593
23	Diaphragm Support	352639
	Valve Body Assemblies	
24	Valve Body (NPT)	N/A
25	O-Ring	RCO110033
26	O-Ring	RCO110006
	Pressure Regulator (PR)	
27	Regulator	OBSOLETE
	Regulator Nipple (Not Shown)	3633154
28	Schrader Valve	3631762
29	Hydraulic Tube 1/4" x 8"	92623
30	Tube Retainer (Not Shown)	90040
31	Filter Assembly (Electric)	95365
31	Filter Assembly (PR)	354619
32	O-Ring	3600494
33	O-Ring O-Ring	RCO110001
		the state of the s
34	Poly Adapter (PR)	90024
35	Two Way Plug Assembly (PR)	355680
36	Communication Plug (PR)	356363

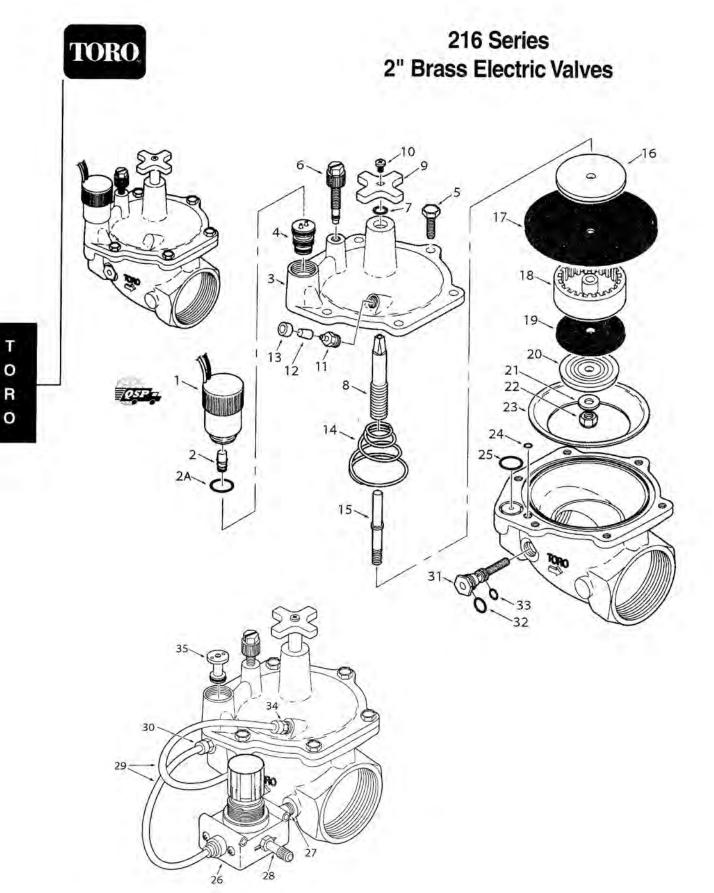




# 216 Series 11/4" & 11/2" Brass Electric Valves



tem #	Description	11/4"	11/2"
	Solenoid Assemblies		44.4
1	Solenoid (Complete)	SOL3	SOL3
1	Solenoid (Complete) (PR)	353099	353099
2	Solenoid Plunger w/Spring (PR)	RCO400013	RCO400013
2A	Solenoid O-Ring	RCO110005	RCO110005
	Valve Bonnet Assembly		
3	Valve Bonnet (Electric)	896381	896381
3	Valve Bonnet (Hydraulic)	896383	896383
3	Valve Bonnet (PR)	896382	896382
4	Actuator Assembly (w/O-Rings)	893407	893407
5	Valve Bonnet Bolts	3600499	3600499
6	Manual Bleed	OBSOLETE	OBSOLETE
7	Valve Stem O-Ring	3600493	3600493
8	Valve Stem	94424	94424
9	Cross Handle	94527	94527
10	Handle Screw	3600498	3600498
11	Poly Connector (Hydraulic)	90024	90024
12	Poly Cap (Hydraulic)	OBSOLETE	OBSOLETE
13	Retainer Tube (Hydraulic)	90040	90040
	Diaphragm Assemblies		
14	Diaphragm Spring	94425	94425
	Diaphragm Assembly (Electric)	95361	95361
	Diaphragm Assembly (Hydraulic		95361
	Diaphragm Assembly (PR & CR)	95361	95361
15	Diaphragm Shaft	95551	95551
16	Upper Diaphragm Support Plate	95590	95590
17	Diaphragm Only	94428	94428
18	Diaphragm Spacer	352453	352453
19	Seat Disc	94420	94420
20	Seat Disc Retainer	94419	94419
21	Seat Disc Washer	3600140	3600140
22	Seat Disc Nut	3600594	3600594
23	Diaphragm Support	352452	352452
	Valve Body Assemblies		
24	Valve Body (NPT)	N/A	N/A
25	O-Ring	RCO110033	RCO110033
26	O-Ring	RCO110006	RCO110006
	Pressure Regulator (PR)		
27	Regulator	OBSOLETE	OBSOLETE
28	Regulator Nipple (Not Shown)	3633154	3633154
29	Schrader Valve	3631762	3631762
30	Hydraulic Tube 1/4" x 8"	92623	92623
31	Tube Retainer	90040	90040
32	Filter Assembly (Electric)	95365	95365
33	Filter Assembly (PR)	354619	354619
34	O-Ring	3600494	3600494
35	O-Ring	RCO110001	RCO110001
36	Poly Adapter (PR)	90024	90024
37	Two Way Plug Assembly (PR) Communication	355680	355680
38			



# T O R O

# 216 Series 2" Brass Electric Valves

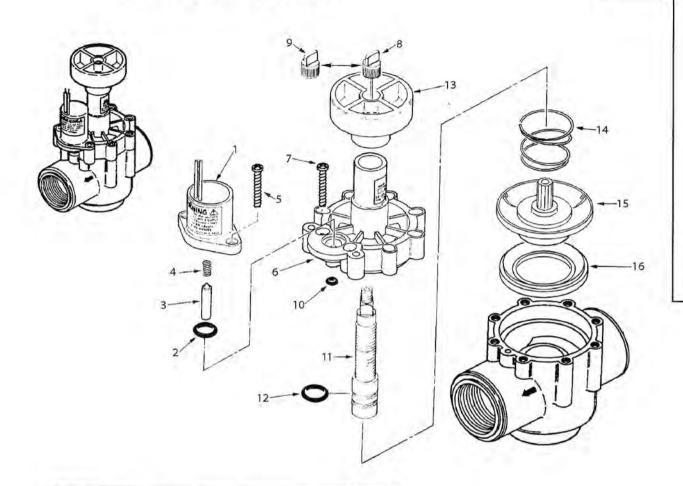


Item #	Description	2"
	Solenoid Assemblies	
11	Solenoid (Complete) R Co.	SOL3
1	Solenoid (Complete) (PR) Toro	353099
2	Solenoid Plunger w/Spring (PR)	RCO400013
2A	Solenoid O-Ring	RCO110005
	Valve Bonnet Assembly	
3	Valve Bonnet (Electric)	896384
3	Valve Bonnet (Hydraulic)	896386
3	Valve Bonnet (PR)	896385
4	Actuator Assembly (w/O-Ring)	893407
5	Valve Bonnet Bolts	3600499
6	Manual Bleed	OBSOLETE
7	Valve Stem O-Ring	3600493
8	Valve Stem	94543
9	Cross Handle	94527
10	Handle Screw	3600498
11	Poly Connector (Hydraulic)	90024
12	Poly Cap (Hydraulic)	OBSOLETE
13	Retainer Tube (Hydraulic)	90040
-8-000	Diaphragm Assemblies	
14	Diaphragm Spring	891652
15-22	Diaphragm Assembly (Electric)	95363
15-22	Diaphragm Assembly (Hydraulic N.O.)	95363
15-22	Diaphragm Assembly (PR & CR)	95363
15	Diaphragm Shaft	97534
16	Upper Diaphragm Support Plate	353139
17	Diaphragm Only	94542
18	Diaphragm Spacer	353141
19	Seat Disc	353142
20	Seat Disc Retainer	94536
21	Seat Disc Washer	3600140
22	Seat Disc Nut	3600594
23	Diaphragm Support	94541
	Valve Body Assemblies	
- 44	Valve Body (NPT)	222.0122
24	O-Ring	RCO110033
25	O-Ring	RCO110006
-	Pressure Regulator (PR)	
26	Regulator	OBSOLETE
27	Regulator Nipple	3633154
28	Schrader Valve	3631762
29	Hydraulic Tube 1/4" x 8"	92623
30	Tube Retainer	90040
31	Filter Assembly (Electric)	95365
31	Filter Assembly (PR)	354619
32	O-Ring	3600494
33	O-Ring	RCO110001
34	Poly Adapter (PR)	90024
35	Two Way Plug Assembly (PR)	355680
36	Communication Plug (PR) (Not Shown)	356363

# T O R O

# 252 Series 1" Plastic Electric Valves

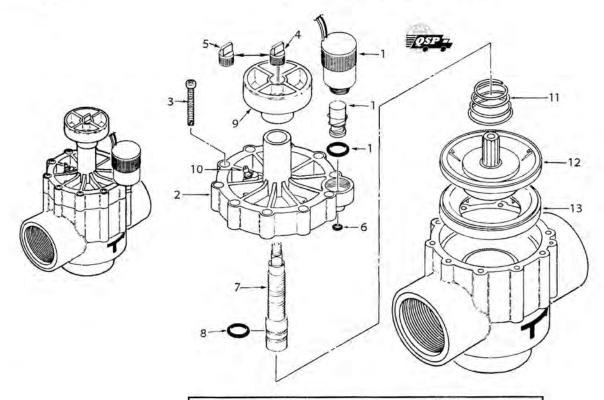




Item #	Description	1"
	Solenoid Assemblies	
1, 3, 4	Solenoid (Complete)	890878
2	Solenoid O-Ring	RCO110011
3	Solenoid Plunger	96527
4	Solenoid Plunger Spring	96148
5	Solenoid Screw (2 ea.)	OBSOLETE
	Valve Bonnet Assembly	
6	Valve Bonnet (Electric)	98182
7	Valve Bonnet Screws (6 ea.)	360-0203
8	Manual Bleed w/Pin (Electric)	354521
9	Manual Bleed (Hydraulic)	351748
10	O-Ring	RC0110000
11	Valve Stem	351983
12	Stem O-Ring	RCO110006
13	Flow Control Handle	353777
	Diaphragm Assemblies	
14	Diaphragm Spring	97110
15	Diaphragm Assembly (Electric)	352824
16	Diaphragm Support	96331



# 252 Series 1½" - 2" Plastic Electric Valves

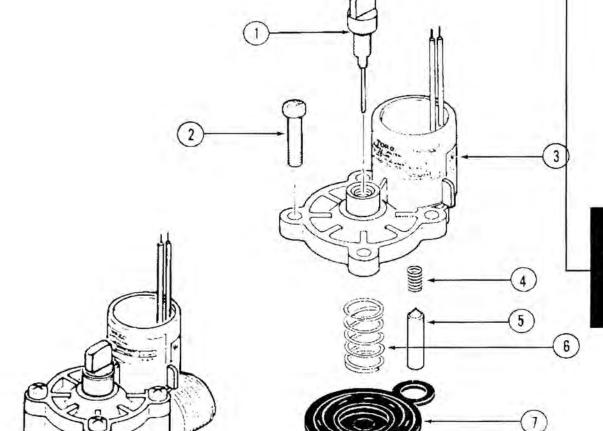


Item #	Description	1 1/2"	2"
	Solenoid Assemblies		-
1	Solenoid (Complete)	SOL4	SOL4
	Valve Bonnet Assembly		
2	Valve Bonnet (Electric)	350595	350596
2	Valve Bonnet (Hydraulic)	350769	350768
2	Valve Bonnet (Pressure Regulator)	354935	354940
2	Valve Bonnet	354935	894806
3	Valve Bonnet Screw	360-0203	363-1399
4	Manual Bleed w/Pin (Electric)	354521	353892
5	Manual Bleed (Hydraulic)	351748	351748
5	Manual Bleed (Effluent)	89-7855	N/A
6	O-Ring	RC0110000	RC0110000
7	Valve Stem	351983	351983
8	O-Ring	RCO110006	RC0110006
9	Flow Control Handle	353777	353777
10	Poly Connector (Hydraulic)	96791	96791
	Diaphragm Assemblies		
- 11	Diaphragm Spring	94425	96940
11	Diaphragm Spring (Hydraulic Only)	N/A	94425
12	Diaphragm Assembly (Electric)	890817	89-0815
12	Diaphragm Assembly (Hydraulic N.O.)	890818	890816
12	Diaphragm Assembly (PR & CR)	890818	890816
12	Diaphragm Assembly (Hydraulic PT)	890819	890816
13	Diaphragm Support	896110	96504
	Pressure Regulator (not shown)		
	Regulator	OBSOLETE	OBSOLETE
	Regulator Bracket	353444	353444
	Schrader Valve	3631762	363-1762
	Regulator Nut	363-1894	363-1894
	Hydraulic Tube 1/4" x 8"	92623	92623
	Hydraulic Tube 1/4" x 12"	91876	91876
	Tube Retainer	90040	90040
	Filter Assembly	354619	354931
	O-Ring	360-0494	360-0494

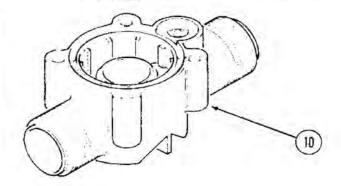
# 264 Series <sup>3</sup>/<sub>4</sub>" Plastic Globe Valves



9

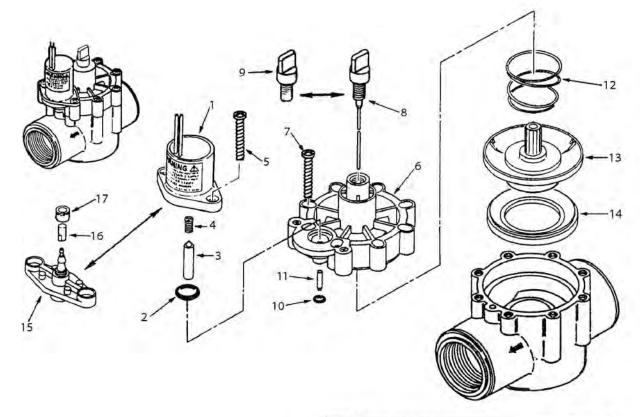


Item #	Description	3/4"
	Solenoid Assemblies	- 1
3	Solenoid w/Bonnet	97413
5	Solenoid Plunger	96527
4	Solenoid Plunger Spring	96148
	Valve Bonnet Assembly	
2	Valve Bonnet Bolts	OBSOLETE
1	Manual Bleed w/Pin (Electric)	354889
	Diaphragm Assemblies	
6	Diaphragm Spring	97619
7 & 8	Diaphragm Assembly	358941
9	Diaphragm Support	97835
	Valve Body Assemblies	
10	Valve Body (NPT)	N/A





# 260 Series 1" Plastic Electric Valves

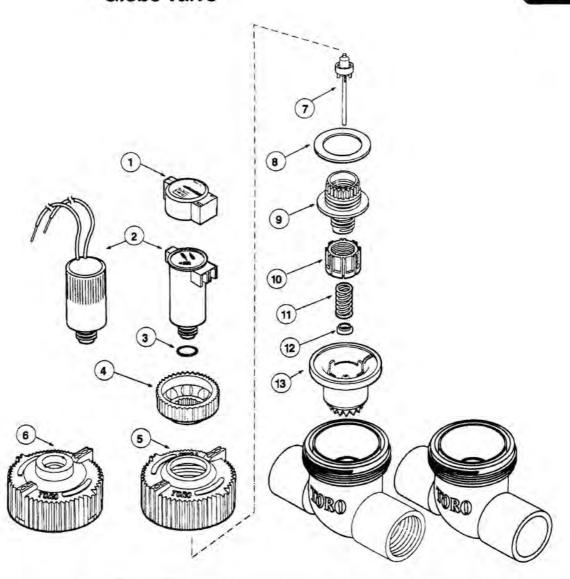


Item #	Description	1"
	Solenoid Assemblies	
1	Solenoid (Complete)	890878
2	Solenoid O-Ring	RC0110011
3	Solenoid Plunger	96527
4	Solenoid Plunger Spring	96148
5	Solenoid Screw (2 ea.)	3631493
	Valve Bonnet Assembly	
6	Valve Bonnet (Electric)	98313
6	Valve Bonnet (Hydraulic)	97291
7	Valve Bonnet Screw	OBSOLETE
8	Manual Bleed w/Pin (Electric)	352941
9	Manual Bleed (Hydraulic)	352673
10	O-Ring	RCO110000
11	Idler Shaft (Hydraulic)	32016
	Diaphragm Assemblies	
12	Diaphragm Spring	97110
12	Diaphragm Spring (Hydraulic PT)	94425
13	Diaphragm Assembly (Electric)	352824
13	Diaphragm Assembly (Hydraulic)	352943
13	Diaphragm Assembly (Hydraulic )	353655
14	Diaphragm Support	96331
	Hydraulic Adapter	
15	Adapter Assembly	353776
16	Poly Cap	OBSOLETE
17	Tube Retainer	90040

# TORO

# 1" Flo Pro Series Globe Valve

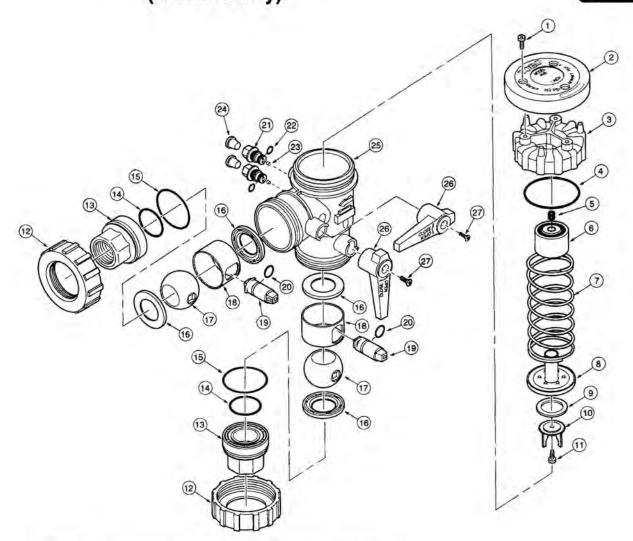




Item #	Description	1"F	1" M
	Solenoid Assemblies		
1	Solenoid Cap	890880	890880
2	Solenoid (Complete) w/o Wires	890114	890114
2	Solenoid (Complete) w/ Wires	890114	890114
3	Solenoid O-Ring	OBSOLETE	OBSOLETE
	Valve Bonnet Assembly		
5	Valve Bonnet (Flow Control Model)	OBSOLETE	OBSOLETE
6	Valve Bonnet (w/o Flow Control Model	OBSOLETE	OBSOLETE
4	Flow Control Handle Only	358292	358292
	Diaphragm Assemblies		
7	Seat Assembly	890069	890069
8	Teflon Washer (Flow Control Model)	891155	891155
9 & 10	Stem Assembly	890142	890142
11	Diaphragm Spring	892042	892042
12	Spring Sleeve	893423	893423
13	Diaphragm	890993	890993

### Pressure Vacuum Breaker (Plastic Body)

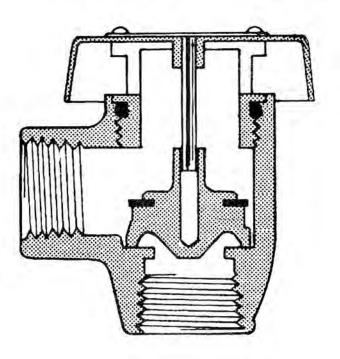




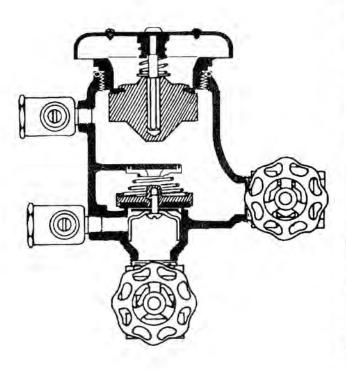
Item #	Description	Part #	
1	Canopy Screw (2 ea)	360-0715	
2	Canopy - 3/4"	89-5809	
2	Canopy - 1"	89-5808	
3	Bonnet	89-6019	
4	Bonnet O-Ring	OBSOLETE	
3-6	Float Assembly	89-6006	
7	Spring	80-0527	
8	Check Valve	OBSOLETE	
9	Seat Disc	OBSOLETE	
10	Seat Disc Guide	OBSOLETE	
11	11 Guide Screw		
16-25			
21-24	Testcock Assembly	89-5878	
12-15	The second secon		
12-15	Union Adapter (3/4" Thread)	89-5881	
12-15	Union Adapter (1" Slip)	89-5882	
12-15	Union Adapter (1" Thread)	89-5883	

#### 288A & 800 Series Atmospheric & Pressure Vacuum Breakers





Description	Part #
Repair Kit:	No - O
Includes disc,	
disc float, and	
bonnet gasket	
3/4"	887172
1" - 1 1/4"	887173
1 1/2"	887174
2"	887175
2 1/2" - 3"	887176



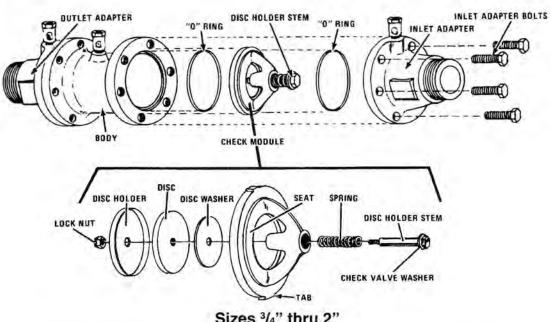
Description	1/2" - 3/4"	1"	11/4" - 2"
Bonnet Assembly	886023	886023	886024
Check Assembly	886027	886027	886028
Rubber Kit	886021	886021	886022
Float / Poppet Assy.	886025	886025	886026
M 2	100000		
Bonnet Assembly	886033	886033	886034
Check Assembly	886037	886037	886038
Rubber Kit	886031	886031	886032
Float / Poppet Assy.	886035	886035	886036
M 3			
Bonnet Assembly	886040	886040	N/A
Check Assembly	886042	886042	N/A
Rubber Kit	886039	886039	N/A
Float / Poppet Assy.	886041	886041	N/A
M 4			
Bonnet Assembly	887700	887701	887702
Check Assembly	887703	887704	887705
Rubber Kit	887706	887707	887708
Float / Poppet Assy.	887709	887710	887711
Seat Assembly	887712	887713	887714

Note: Watts Model 800 parts common to Rain Bird PVB Series.

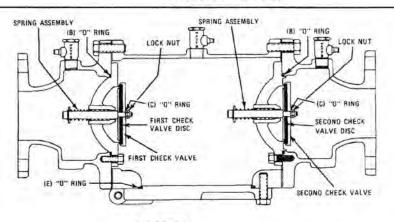


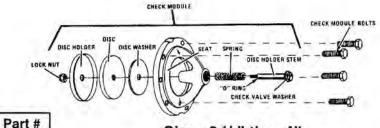


#### 700 Series 3/4" - 4" Double Check Valves



Sizes 3/4" thru 2"





THE RESERVE OF THE PARTY OF THE	
Complete Repair	Kit
3/4"	881210
1"	881215
1 1/2" 2"	881220

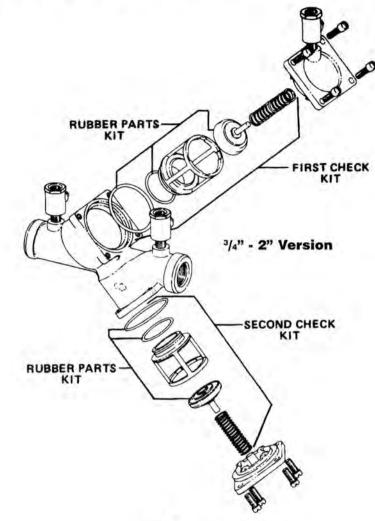
Description

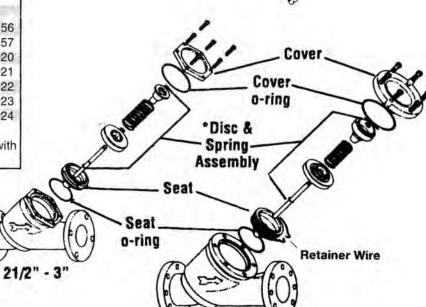
2 1/2", 3" 881222 881227

Series 700 parts common to Rain Bird DC Series

Sizes 2 1/2" thru 4"

Description	Part #
Complete Rubber	
Kit Includes: Disc	
Seat O-Ring, Cove	
3/4" - 1"	887160
1 1/2" - 2"	887153
2 1/2" - 3"	887915
4"	887916
6"	887917
8"	887918
10"	887919
First or Second C	
Includes: Disc Ass	
Seat O-Ring, Cove	
3/4" - 1"	887150
1 1/2" - 2"	887151
2 1/2" - 3"	887900
4"	887901
6" -	887902
8"	887903
10"	887904
Seat Kits Include:	s:
Seat, Seat O-Ring.	
Cover O-Ring	
3/4" - 1"	887160
1 1/2" - 2"	887161
2 1/2" - 3"	887910
4"	887911
6"	887912
8"	887913
10"	887914
Cover Kits Includ	es:
Cover and Cover C	)-Ring
3/4" - 1"	887156
1 1/2" - 2"	887157
2 1/2" - 3"	887920
4"	887921
6"	887922
8"	887923
10"	887924





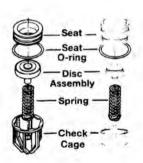
4" - 10"

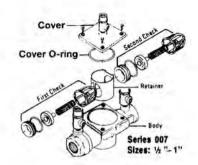
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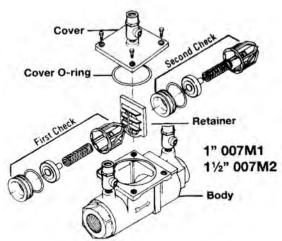


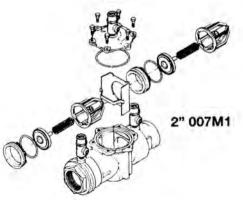


### 007 Series 1/2" - 2" Double Check Valve Assy.







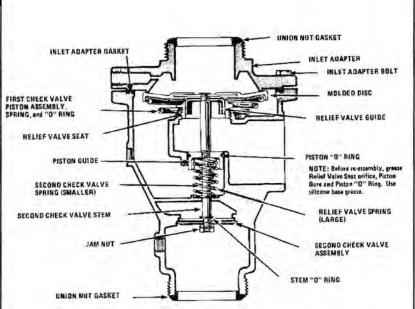


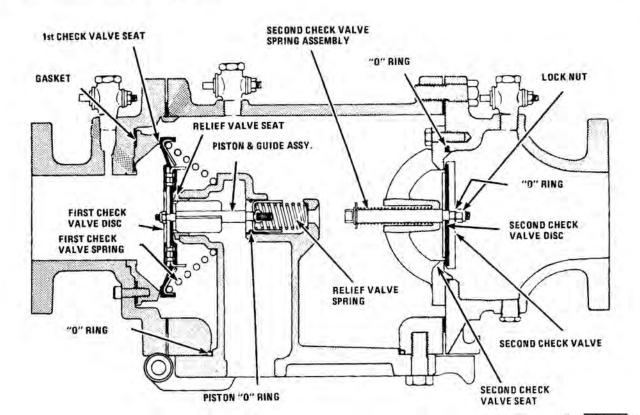
Description Complete Rubber Parts Kit Includes: Two Seat Discs,	Part #
Two Seat O-Rings,	
Cover O-Ring	
1/2"	887194
3/4" - 1"	887040
3/4" M2	887043
1 1/2" - 2"	887041
1 1/2" - 2" M1	887188
1 1/2" - 2" M2	887721
First or Second Check Kits	
Includes: Seat, Seat O-Ring	,
Disc Assembly Spring,	
Check Cage, Cover O-Ring	
1/2"	887193
3/4" - 1"	887024
3/4" - 1" M1	887026
O/ T IVIL	OBSOLETE
First Check Kits Includes:	
Seat, Seat O-Ring,	
Disc Assembly Spring,	
Check Cage, Cover O-Ring	
1 1/2" - 2"	887025
1 1/2" - 2" M1	887186
1 1/2" - 2" M2	887719
Second Check Kits Include	s:
Seat, Seat O-Ring,	
Disc Assembly Spring,	
Check Cage, Cover O-Ring	
1 1/2" - 2"	887028
1 1/2" - 2" M1	887187
1 1/2" - 2" M2	887720
Cover Kits Includes:	
Cover and Cover O-Ring	007405
1/2"	887195
3/4" - 1"	887036
3/4" - 1" M1 3/4" M2	887038
	887039
1 1/2" - 2" 1 1/2" - 2" M1	887037
1 1/2" - 2" M2	887191 887722
THE RESERVE OF THE PARTY OF THE	00//22
Retainers:	1047053
3/4" - 1" M1	1047053
3/4" - 1" M1	1047382
1 1/2" - 2"	1047394
1 1/2" - 2" M1	1047001
1 1/2" - 2" M2	1047112
1 1/2 - 2 IVIZ	104/098

### 900 Series 3/4" - 6" Reduced Pressure Backflow Device



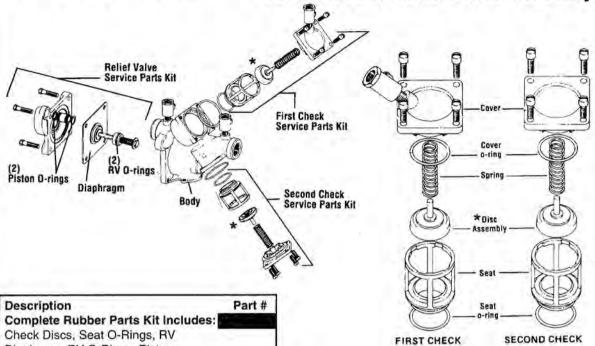
Description	Part #
Complete Repair Kit Includes:	
Inlet Adapter Gasket, First Ck. Valve	
Assy, Second Check Valve Spring,	
Union Nut Gaskets (2), Relief Valve	
Spring, Second Ck. Assy, Stem O-Ring	
Maintenance Tool & Silicone Grease	
3/4", 1", 1 1/4"	881240
1 1/2", 2"	881263
Rubber Parts Kit Includes:	
Ck. Valve Discs, O-Rings,	
Silicone Grease	
2 1/2", 3"	881295
4"	881297
6"	881298
First Check Assy. Kits Includes:	
First Check Valve Seat & Disc,	
Ck. Spring Gasket, Relief Valve	
Seat, Relief Valve Spring	
2 1/2", 3"	889100
4"	889110
6"	889120
Second Check Assy. Kits Includes:	
First Check Valve Seat & Disc, Ck. Spring	
O-Rings, Lock Nut, Piston O-Ring, Guide	
Assy. Relief Valve O-Ring	
2 1/2", 3"	889105
4"	889115
6"	889125
Maintenance Tools	
2 1/2", 3"	834019
4"	834042
6"	834018



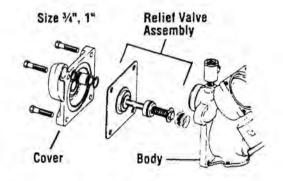


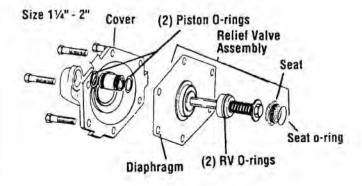


### 909 Series 3/4" - 2" Reduced Pressure Backflow Assy.



Description	Part #
Complete Rubber Parts Kit Includes	
Check Discs, Seat O-Rings, RV	
Diaphragm RV O-Rings, Piston	
O-Rings, Cover O-Rings	
3/4" - 1"	887130
1 1/2" - 2"	887144
First Check Kit Includes:	
Disc Assy, Spring, Seat O-Ring,	
Cover O-Ring, Lubricant	
3/4" - 1"	887150
1 1/2" - 2"	887151
Second Check Kit Includes:	
Disc Assy, Spring, Seat O-Ring,	
Cover O-Ring, Lubricant	
3/4" - 1"	887121
1 1/2" - 2"	887134
Seat Kits Includes:	
Seat, Seat O-Ring, Cover O-Ring	
3/4" - 1"	887124
1 1/2" - 2"	887139
Cover Kits Includes:	
Cover and Cover O-Ring	
3/4" - 1"	887127
1 1/2" - 2"	887137
Relief Valve Kits Includes:	
Relief Valve Assy, Seat, Seat O-Ring,	
Piston O-Rings (2), & Lubricant	
3/4" - 1"	887126
1 1/2" - 2"	887138
Note: Series 909 parts common with	
Rain Bird RPA Series	



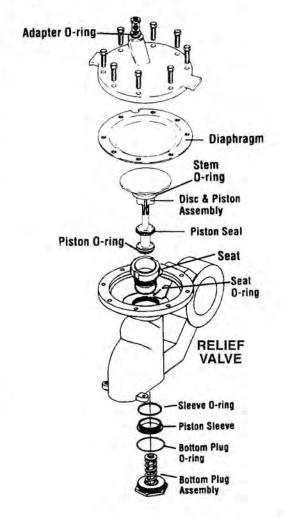


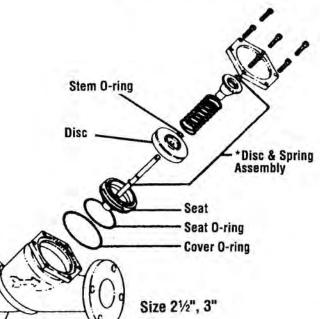
#### 909 Series 2<sup>1</sup>/<sub>2</sub>" - 10" Reduced Pressure Backflow Assy.



Description	Part #
Total Rubber Parts Kit Inclu	ides:
Stem O-Ring, Check Disc, Co	over O-Ring,
Sleeve O-Ring, Piston O-Rin	
Diaphragm, Piston Seal & Lu	
2 1/2" - 3"	887750
4"	887751
6"	887752
8"	887753
8" M1	887761
10"	887754
10" M1	887762
First Check Kits Includes:	1001102
Disc & Spring Assy, Cover O	Ping
2 1/2" - 3"	887210
4"	887212
6"	887213
157	887214
8"	
10"	887215
Second Check Kits Include	3.9
Disc & Spring Assy, Cover O-	
2 1/2" - 3"	887211
4"	887216
6"	887217
8"	887218
10"	887219
Seat Kits Includes:	
Seat, Seat & Cover O-Rings,	Retainer Wire
2 1/2" - 3"	887730
4"	887731
6°-	887732
8"	887733
10"	887734
Cover Kits for Checks Inclu	
Cover and Cover O-Ring	
2 1/2" - 3"	887740
4"	887741
6"	887742
8"	887743
10"	887744
	00//44
Relief Valve Kits Includes:	ou Cont
Diaphragm, Disc & Piston As	
Seat O-Ring, Adapter O-Ring	All the second s
2 1/2" - 3"	887235
4" - 6"	887236
8" - 10"	887237
Note: Carles 000 santa care	age with
Note: Series 909 parts comm	non with
Rain Bird RPA Series	

CHECK ASSY.

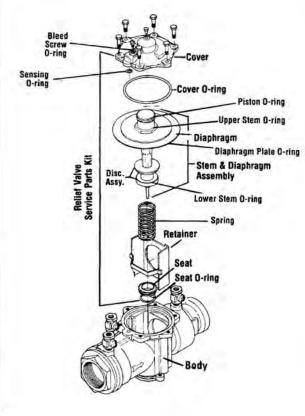


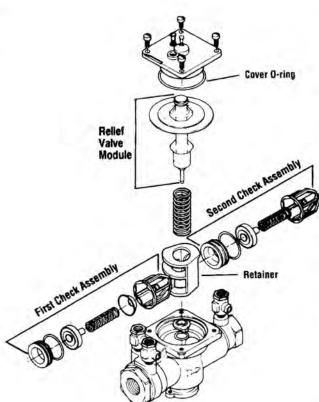




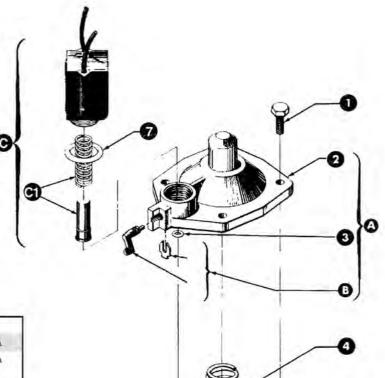
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### 009 Series 1/2" - 2" Reduced Pressure Backflow Assy.





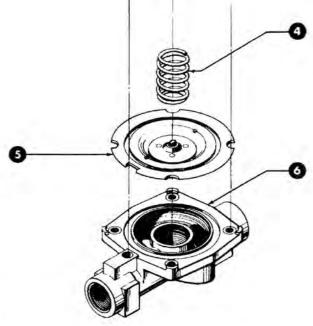
Description of the second of t	D
Description Bath Bath Kit Is a land	Part #
Complete Rubber Parts Kit Include	
Check Assy O-Rings (2), Cover O-Rin	ig
Disc Assemblies (2), RV Diaphragm,	
RV Seat O-Ring Sensing Passage	
O-Ring, Diaphragm Plate O-Ring, RV	
Lower Stem O-Ring, RV Upper Stem	
O-Ring RV Disc Assembly, Bleed	
Screw O-Ring	
1/2"	887297
3/4" M2	886999
3/4" - 1"	887182
1 1/4" - 1 1/2" M2	887309
1 1/4" - 2" M1	887280
1 1/4" - 2"	887185
First Check Kits Includes:	
Check Assembly & Cover O-Ring	19, 2505
1/2"	887291
3/4" - 1"	887005
3/4" M2	887000
1 1/4" - 2"	887006
1 1/4" - 2" M1	887270
1 1/4" - 2" M2	887300
Second Check Kits Includes:	
Check Assembly & Cover O-Ring	
1/2"	887292
3/4" - 1"	887007
1 1/4" - 2"	887008
1 1/4" - 2" M1	887271
1 1/4" - 2" M2	887301
Cover Kits Includes:	00,00,
Cover and Cover O-Ring	
1/2"	887296
3/4" - 1"	887013
3/4" M2	887004
1 1/4" - 2"	887014
1 1/4" - 2" M1	887278
1 1/4" - 2" M2	887308
Relief Valve Rubber Parts Kits	007000
Includes: Diaphragm, Disc Assy,	
Stem O-Rings, Seat O-Ring and	
Cover O-Ring	
	997005
1/2" 3/4" - 1"	887295 887181
3/4" - 1" 3/4" M2	
1 1/4" - 2"	886999
	887184
1 1/4" - 2" M1	887276
1 1/4" - 2" M2	887306
Retainers:	- 141444
1/2"	1047053
3/4" M2	1047394
1 1/4" - 2"	1047001
1 1/4" - 2" M1	1047001
1 1/4" - 2" M2	1047104



Item #	Description	1"
A	Bonnet Assy. (Silver)	11020SA
Α	Bonnet Assy.	11050SA
	(w/Flow Control Assy.)	
Α	Bonnet Assy. (Black)	11040SA
2	Bonnet (Silver)	110005
2	Bonnet (w/Flow Control)	110202
2	Bonnet (Black)	110008
1	Cover Bolt	VMA034
3	Exhaust Seal	RCO110001
В	Bleed Lever Kit	30MBK
	Flow Control Assy. (n.s.)	12000FAK
	Stem Seal (n.s.)	RC0110003
	Flow Adjust Stem (n.s.)	110204
- // 3	Handle (n.s.)	114010
5	Diaphragm	110003SA
4	Diaphragm Spring	45113
	(not included in Assy.)	
C	Solenoid Assembly	M24ESA
C	R Co Replacement	A
	(24 VAC)	SOL 6
С	R Co Replacement	
	(110 VAC)	SOL 7
7	O-Ring	RCO110027
C1		11201SA
6	Valve Body	11010
6	Valve Body (ISO)	110101
6	Valve Body (Slip)	11030

**RPK #124** 

Repair Kit

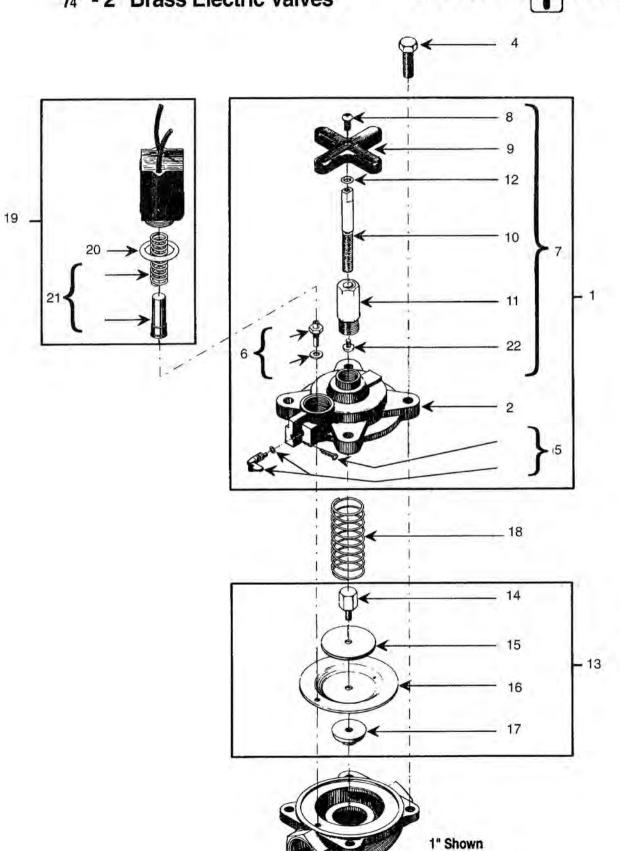


W MATHER



### 7000 Series

Item #	Description	3/4"	1"	11/4"	11/2"	2"
1	Cover Assy. (4 Bolt)	3001E	3004E	3004E	3010E	3013ESA
1	Cover Assy. (6 Bolt)	N/A	N/A	N/A	N/A	3061ESA
2	Cover (4 Bolt)	30802E	30193E	30193E	30292E	30392E
2	Cover (6 Bolt)	N/A	N/A	N/A	N/A	144040
3	Bleed Fitting (Not Shown)	DC-10	N/A	N/A	N/A	N/A
4	Cover Bolt	VMA050	VMA047	VMA047	VMA047	VMA071
5	Bleed Lever Kit	N/A	30MBK	30MBK	30MBK	30MBK
	Bleed Lever (includes O-Ri	ng) N/A	N/A	N/A	N/A	N/A
6	Exhaust Fitting Kit	144900SA	144900SA	144900SA	144900SA	144900SA
7	Flow Control Assy.	30816SA	7000FAK	7000FAK	7000FAK	7000FAK
8	Screw	N/A	VMA053	VMA053	VMA053	VMA053
9	Handle	N/A	114010	114010	114010	114010
10	Stem Only	N/A	114015	114015	114015	114015
11	Body	N/A	30702	30702	30702	30702
12	O-Ring	N/A	RCO110034	RC0110034	RCO110034	RCO110034
22	Retainer Screw	N/A	VMA053	VMA053	VMA053	VMA053
13	Diaphragm Assy.	3002	3005	3008	3011	3014
14	Screw	30808AY	30116	30116	30206	30306
15	Plate	30810A	30105	30105	30204	30304
16	Diaphragm	30804	30104	30104	30203	30303
17	Shock Cone	30812	30106	30123	30205	30305
	Support	30811	N/A	N/A	N/A	N/A
	Pad	30814	N/A	N/A	N/A	N/A
18	Diaphragm Spring (not included in Assy.)	30815	30119	30119	30119	30119
19	Solenoid Assembly	M24ESA	M24ESA	M24ESA	M24ESA	M24ESA
19	R Co Replacement (24 VAC)	SOL 6				
19	R Co Replacement (110 VAC)	SOL 7				
20	O-Ring	RCO110027	RCO110027	RCO110027	RCO110027	RCO110027
21	Actuator Assy.	11201SA	11201SA	11201SA	11201SA	11201SA
Repair	Kit	RPK #117	RPK#112	RPK #118	RPK #119	RPK #120



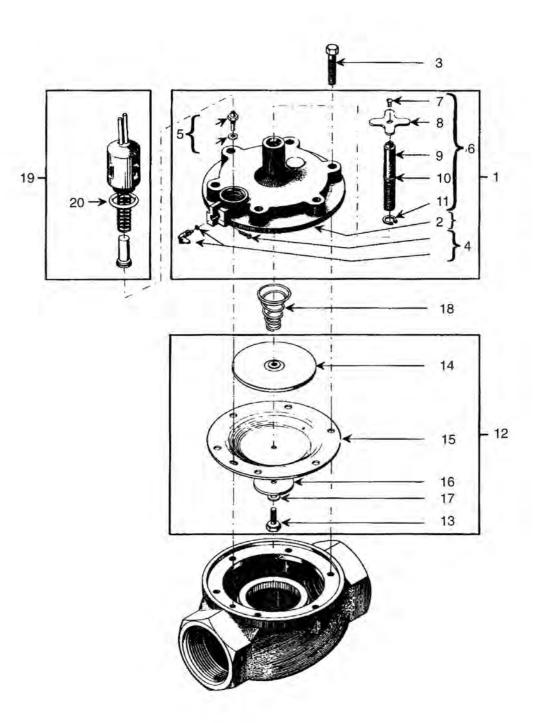
W M A T I C



#### 8000 Series 1" - 3" Brass Electric Valves

Item #	Description	1"	11/4"	11/2"	2"	21/2"	3"
1	Cover Asy (4 Bolt)	3003	3003	3009	3012	N/A	N/A
1	Cover Asy (6 Bolt)	N/A	N/A	N/A	3060ESA	3015ESA	3018ESA
2	Cover (4 Bolt)	30193	30193	30292	30392	N/A	N/A
2	Cover (6 Bolt)	N/A	N/A	N/A	144040	30492E	30692E
3	Cover Bolt	VMA047	VMA047	VMA047	VMA071	VMA048	VMA049
4	Bleed Lever Kit	30MBK	30MBK	30MBK	30MBK	30MBK	30MBK
5	Exhaust Fitting Kit	144900SA	144900SA	144900SA	144900SA	144900SA	WM144900SA
6	Flow Control Assy.	RCO800000	RCO800000	RCO800000	RCO800000	30406	30406
7	Screw	VMA053	VMA053	VMA053	VMA053	VMA053	VMA053
8	Handle	30705	30705	30705	30705	30705	30705
9	Stem	30701	30701	30701	30701	304061	304061
	Body (Not Shown)	30702	30702	30702	30702	N/A	N/A
10	O-Ring	RCO110034	RC0110034	RC0110034	RC0110034	RC0110003	RCO110003
11	Retainer Screw	VMA053	VMA053	VMA053	VMA053	VMC019	VMC019
12	Diaphragm Assy.	3005	3008	3011	3014	3017	3020
13	Screw	30116	30116	30206	30306	VMA065	VMA065
14	Plate	30105	30105	30204	30304	30403	30603
15	Diaphragm	30104	30104	30203	30303	30404	30604
16	Shock Cone	30106	30123	30205	30305	30407	30609
17	Diaphragm Gasket	N/A	N/A	N/A	N/A	30120	30120
18	Diaphragm Spring (not included in Assy	30119 ()	30119	30119	30119	30405	30405
19	Solenoid Assembly	S 24 B	S 24 B	S 24 B	S 24 B	S 24 B	S 24 B
	R Co Replacement						W =
	(24 VAC)	SOL 6	SOL 6	SOL 6	SOL 6	SOL 6	SOL 6
19	R Co Replacement	3.7					1
	(110 VAC)	SOL 7	SOL 7	SOL 7	SOL 7	SOL 7	SOL 7
20	O-Ring	RCO110027	RCO110027	RCO110027	RCO110027	RCO110027	RCO110027
Repair	Kit	RPK #112	RPK #112	RPK #113	RPK #114	RPK #115	RPK #116

E M A T H C R



W E M A A T I E C R



#### 11000 and 21000 Series 1" - 2" Plastic Electric Valves

-1	Cover Bolt	VMA034	VMA034	VMA034
4	Exhaust Seal	RCO110001	RCO110001	RCO110001
2	Screw	VMA053	VMA053	VMA053
3	Handle	14410	14410	14410
E	Bleed Lever Kit	30MBK	30MBK	30MBK
	Retainer Pin	N/A	N/A	N/A
	Bleed Lever	N/A	N/A	N/A
В	Flow Control Assy.	4503SA	4503SA	4503
6	Stem Seal	RCO110002	RCO110002	RCO110002
7	Thrust Plate	45121	45121	45121
8	Flow Adjust Stem	45120	45120	45120
9	Flow Adjust Body	45122	45122	45122
C	Diaphragm Assy,	4510	4910	5010
10	Screw	VMA068	VMA068	VMA068
11	Plate	45111	49111	50111
12	Diaphragm	45110	49110	50110
	Shock Cone (Brass)	45112	49112	50112
	Shock Cone (Plastic)	45100	N/A	N/A
13	Diaphragm Spring (not included in Assy.	45113	45113	45113
D	Solenoid Assembly (11000 Series)	S24B	S24B	S24B
	R Co Replacement (24 VAC) R Co Replacement	SOL 6	SOL 6	SOL 6
	(110 VAC)	SOL 7	SOL 7	SOL 7
14	O-Ring		RCO110027	Control of the contro
D1	Actuator Assembly	3091A	3091A	3091A
F	Solenoid Assembly (21000 Series)	M24ESA	M24ESA	M24ESA
	R Co Replacement (110 VAC)	SOL 7	SOL 7	SOL 7
14	Solenoid O-Ring		RCO110027	
F1	Actuator Assembly	11201SA	11201SA	11201SA
15	Valve Body	4501	4901	5001
	Valve Body (ISO)	45011	49011	50011

RPK #121

**RPK #122** 

**RPK #123** 

1"

4502F

45102

Description

Cover Assy.

Cover Only

Item #

Repair Kit

11/2"

4902

49102

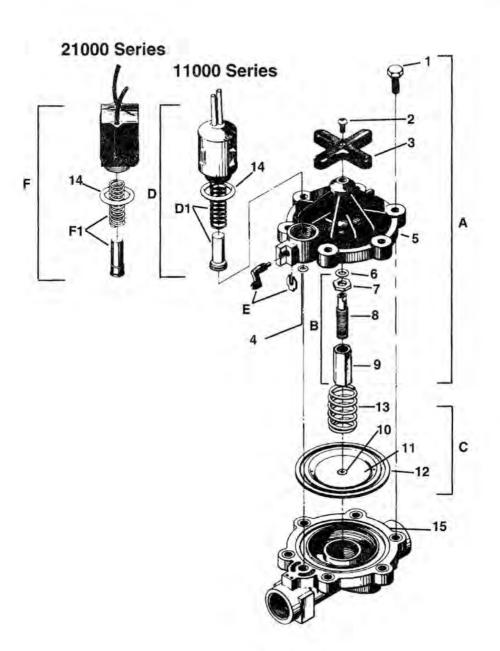
2"

5002F

50102

### 11000 and 21000 Series 1" - 2" Plastic Electric Valves





MATIC

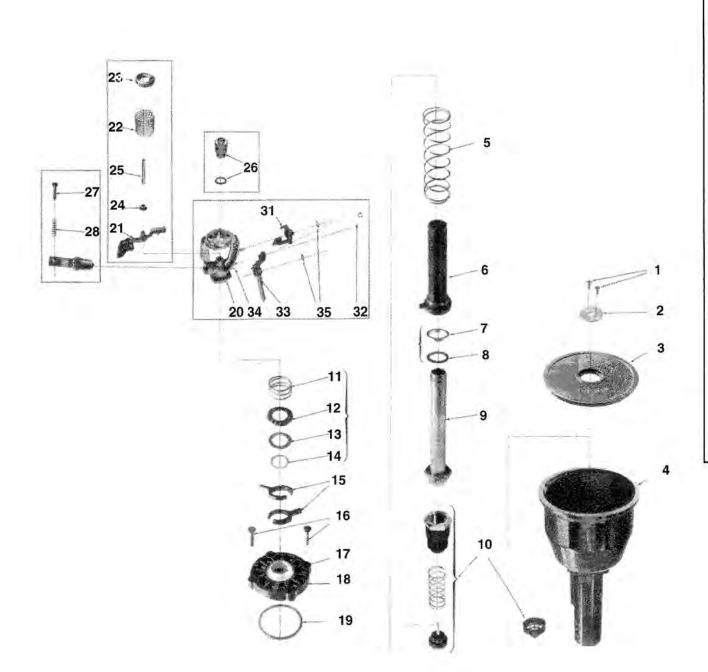


#### K/PK 50-80 Series Pop-up Rotary Impact Sprinklers

Item #	Description	K/PK-50	K/PK-60	K/PK-70	K/PK-80
1	Retainer Screw (2 ea)	VMA-054	VMA-054	VMA-054	VMA-054
2	Lid Retainer	39-117	39-117	39-117	39-117
3	Lid	39-101P	39-101P	39-101P	39-101P
4	Rotor Case (Aluminum)		OBSOLETE	<b>OBSOLETE</b>	<b>OBSOLETE</b>
	Rotor Case (Plastic)	39-100	39-100	39-100	39-100
	Rubber Cover Ring	39-157	39-157	39-157	39-157
	Rubber Lid (Green)	39-158	39-158	39-158	39-158
	Rubber Lid Retainer (Green)	39-142	39-142	39-142	39-142
all hory	Rubber Lid (Black)	39-158-1	39-158-1	39-158-1	39-158-1
	Rubber Lid Retainer (Black)	39-142-1	39-142-1	39-142-1	39-142-1
	Vandal Proof Lid Screw	VMA-055	VMA-055	VMA-055	VMA-055
5	Retract Spring	39-127	39-127	39-127	39-127
6	Guide Tube	39-24	39-24	39-24	39-24
7	Wear Ring	39-109	39-109	39-109	39-109
8	Bearing Washer	39-104	39-104	39-104	39-104
9	Inner Sleeve	39-13	39-13	39-13	39-13
3	Inner Sleeve (w/Check Valve)			E OBSOLETE	
10	Screen	39-207	39-207	39-207	39-207
10	Check Valve Assembly	39-90SA	39-90SA	39-90SA	39-90SA
- 11		39-113	39-113	39-113	39-113
11	Tension Spring	39-118R1	39-118R1	39-118R1	39-118R1
12	Upper Sleeve Seal			OBSOLETE	
13	Top Washer		The second secon	39-111	39-111
14	Thrust Washer	39-111	39-111		
15	Trip Collar (2 Ea)	39-214	39-214	39-214	39-214
16	Bearing Guide Screw (2 EA)	VMA-056	VMA-056	VMA-056	
17	Bearing Guide Seal	39-115R1	39-115R1	39-115R1	39-115R1
18	Bearing Guide (Plastic)	39-156	39-156	39-156	39-156
	Bearing Guide (Brass)	39-114	39-114	39-114	39-114
19	Bearing Guide O-Ring (used with plastic B.G.) Bearing Guide Gasket (used with brass B.G.)	RC0110029 WMSA50A	RC0110029 F WMSA50A	RCO110029 F WMSA50AF	RCO110029 WMSA50AI
	Complete Head Asy - F/C	HSA50AF	HSA60AF	HSA70AF	HSA80AF
	Complete Head Asy - P/C	HSA50AP	HSA60AP	HSA70AP	N/A
20	Head Only - F/C		OBSOLETE		39-121
20	Head Only - P/C			OBSOLETE	
	Arm / Spring Assembly			OBSOLETE	
21	Arm	39-20	39-20-1	39-126R1	39-126R1
22	Arm Spring	44-109	44-109	44-109	44-109
23	Spring Support	44-111R1	44-111R1	44-111R1	44-111R1
24	Arm Cap	39-133	39-133	39-133	39-133
25	Fulcrum Pin	39-132R1	39-132R1	39-132R1	39-132R1
26		39-12	39-12	39-12	39-12
20	Spring Adjust Assembly	39-12	39-12	39-12	39-A
	Nozzle (specify size)	39-A	39-A	39-B	39-A
	Nozzle (specify size)			OBSOLETE	
100	Nozzle (slotted)				
07	Range Nozzle (not shown)	39-E	39-E	39-E	400
27	Diffuser Pin			E OBSOLETE	
28	Diffuser Spring			OBSOLETE	
31	Reversing Arm	39-212	39-212	39-212	N/A
32	Trip Spring	39-216	39-216	39-216	N/A
33	Trip Lever	39-211	39-211	39-211	N/A
34	Spring Pin			OBSOLETE	
35	Trip Retainer	OBSOLET	E OBSOLET	E OBSOLETE	OBSOLETE
	Complete Internal Assembly				
11 500	Brass Bearing Guide - F/C	SA50AF	SA60AF	SA70AF	SA80AF
	Brass Bearing Guide - P/C	SA50AP	SA60AP	SA70AP	N/A
	Plastic Bearing Guide - F/C	PS50AF	PS60AF	PS70AF	PS80AF
	Plastic Bearing Guide - P/C	PS50AP	PS60AP	PS70AP	N/A
	Repair Kits				
	Seal Repair Kit (includes 7,8,11,12 & 14)	39-SK	39-SK	39-SK	39-SK

### K/PK 50-80 Series Pop-up Rotary Impact Sprinklers

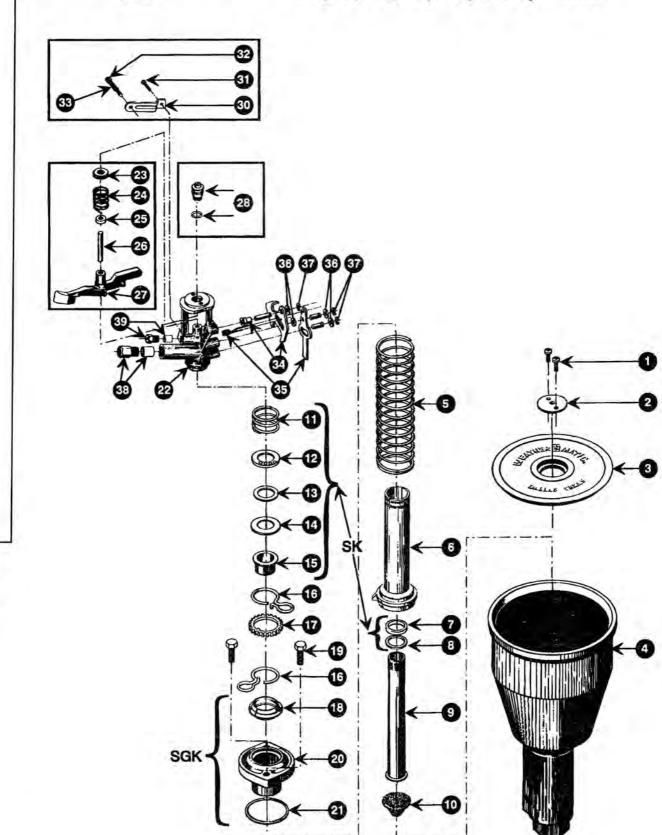




W E A T I C



#### K-90 Series Pop-up Rotary Impact Sprinkler



W E M A A T T H C R

### K-90 Series Pop-up Rotary Impact Sprinkler **Weather** matic.



Item #	Description	Part #
1	Retainer Screw (2 ea)	VMA-061
2	Lid Retainer Full Circle	44-102X-1
	Part Circle	44-102X-2
3	Lid	44-101P
4	Rotor Case	44-100P
70	Rubber Lid (Black)	44-101-1
-	Rubber Lid Retainer (Black)	44-149
	Vandal Proof Lid Screw	VMA-064
5	Retract Spring	44-127
6	Guide Tube Assy. (includes #7)	44-1
7	Lower Thrust Bearing	44-126
8	Thrust Washer (used with A-11 nozzle)	44-124
	(used with A-14 nozzle)	44-125
9	Inner Sleeve	44-123
10	Screen	44-133
11	Tension Spring	44-115
12	Upper Sleeve Seal	44-116R1
13	Top Washer	44-117
14	Thrust Washer	44-118
15	Upper Bearing	44-119
16	Trip Collar (2 Ea)	44-145
17	Detent Ring	44-146
18	Wiper Seal	44-129
19	Bearing Guide Screw (2 EA)	VMA-062
20	Bearing Guide (Brass)	44-128
21	Bearing Guide O-Ring	RC0110030
300	Complete Head Assy F/C	HSA90F
	Complete Head Assy P/C	HSA90P
22	Head Only - F/C	44-106-1
	Head Only - P/C	44-106SA
23-27	Arm / Spring Assy.	44-3
23	Spring Support	44-111R1
24	Arm Spring	44-109
25	Arm Cap	44-112
26	Fulcrum Pin	44-108
27	Arm	44-107
28	Spring Adjust Asy	44-8
30-32	Diffuser Assembly	44-4
30	Bracket	44-150
31	Mounting Screw	VMA-063
32	Diffuser Pin	OBSOLETE
33	Diffuser Spring	ODGG! ETE
34	Reversing Arm Assy.	OBSOLETE 44-4P
35	Trip Lever Assy. (incl. spring)	44-5P
36	Friction Washer (4 ea)	11-418
37	Retaining Ring (3 ea)	VMC-028
38	Range Nozzle*	44-F
	Drive Nozzle*	0.0000000000000000000000000000000000000
39	Drive Nozzle (slotted)	OBSOLETE 44-301
		44-301
	nal Assembly	0.000
Full Circle		SA90F
Part Circle		SA90P
aintenance K		44.004
eeve Guide K	VIV. activities and the second	44-SGK
(includes 18,	5 P. S. P. N. N. M. C.	44-SK
Note that the same of the same	es 7, 8, 11, 12, 13, 14 & 15)	

# WILKINS

### 720A 1/2", 3/4" & 1" Pressure Vacuum Breakers

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Item #	Description	Qty.	Part No.
1	Canopy Screw	3	721-11
2	Canopy	1	721-3
3	Bonnet	1	721-20
4	Plastic Washer	1	721A-12
5	O-Ring	1	138N
6	Load Nut & Guide	1	721-90
7	Load Washer	1	721-80
8	Disc Upper	1	721A-34
9	Poppet	1	721-30
10	Spring	1	721-33
11	Screw	1	721-11A
12	Lower Disc	1	721B-34
13	Guide Spider	1	721-31
14	Nut, Hex	1	721-9A
15	Body	1	N/A
16	O-Ring	2	009N
17	Test Cock Assy.	2	RC0730000
18	Bushing	2	721A-21
19	Nipple 1/2"	2	101-21B
	Nipple 3/4"	2	102-21B
	Nipple 1"	2	103-21B
20	Ball Valve 1/2"	2	12850
	Ball Valve 3/4"	2	RC0730004
	Ball Valve 1"	2	RCO730005
21	Disc & Poppet Assy.	1	721-300
22	Disc Spider Assy	1	721-310
Repair Ki	The state of the s		32.44
	4, 5, 10, 16, 21, 22		RK1-720A

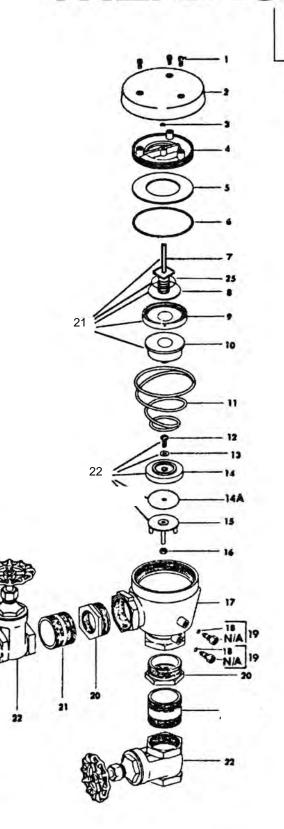
Note: Gate valves no longer available. Use Ball Valve as replacement

#### 720A 11/4", 11/2", 2" **Pressure Vacuum Breakers**

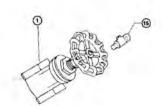
### **WILKINS**

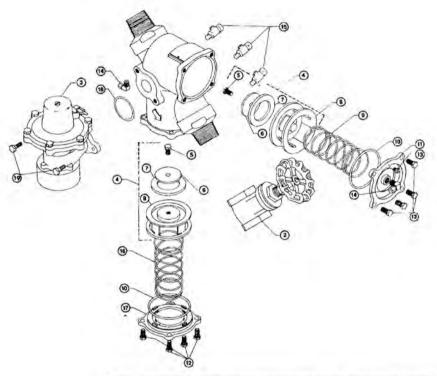
Item#	Description	Qty.	Part No.
	Canopy Screw	3	724-11
	Canopy	1	724-3
	Bonnet	- 1	724-20
	Plastic Washer	1	721A-12
	O-Ring	1	156N
	Load Nut & Guide	1	724-90
	Load Washer	1	724-80
	Disc Upper	1	724A-34
	Poppet	1	724-30
	Spring	1	724-33
	Screw	1	724-11A
	Lower Disc	1	724B-34
	Guide Spider	1	724-31
	Nut, Hex	1	5752-9
	Body	1	N/A
	O-Ring	2	009N
	Test Cock Assy.	2	RC0730000
	Bushing	2	724A-21
	Nipple 11/4"	2	104-21B
	Nipple 11/2"	2	105-21B
	Nipple 2"	2	106-21B
	Ball Valve 11/4"	2	RCO730006
	Ball Valve 11/2"	2	RC0730007
	Ball Valve 2"	2	RCO730008
	Disc & Poppet Assy.	1	724-300
	Disc Spider Assy	1	724-310
	O-Ring	1.	013N
Repair			
	es: 4, 5, 10, 10, 16, 21, 22		RK2-720

Note: Gate valves no longer available. Use Ball Valve as replacement



#### 575 3/4" - 2" VILKINS 575 3/4" - 2" Reduced Pressure Principle Backflow **Preventers**





Repair Kits See page 339

**Relief Valve Parts** See page 342

Item#	Description	3/4"	1"	11/4"	11/2"	2"
1.2	Ball Valve - Tapped	OBSOLETE	OBSOLETE	OBSOLETE	OBSOLETE	OBSOLETI
3		5752-CU	5752-CU	OBSOLETE	OBSOLETE	OBSOLET
4	Poppet Assembly	552-300	552-300	554-300	554-300	554-300
5	Screw	552-11B	552-11B	554-11	554-11	554-11
6	Washer	552-14	552-14	554-14	554-14	554-14
7	Seal Ring	552-12	552-12	554-12	554-12	554-12
8	Poppet	552-30	552-30	554-30	554-30	554-30
9	No. 1 Spring	5752-33	5752-33	5754-33	5454-33	5754-33
10	O-Ring, Cover (Bolt on)	037N	037N	152N	152N	152N
	O-Ring, Cover (Screw on)	146N	146N	N/A	N/A	N/A
-11	No. 1 Check Cover (Bolt on)		5752-3	5754-3T	5454-3T	5754-3T
	No. 1 Check Cover (Screw on)		5752-3B	N/A	N/A	N/A
12	Screw	5752-11	5752-11	554-11A	554-11A	554-11A
13	Seal Screw	552-11A	552-11A	55411A	55411A	55411A
14	Tube Fitting	5752A-38	5752A-38	5752A-38	5752A-38	5752A-38
15	Test Cock	RC0730000	RC0730000	RC0730000	RCO730000	RC073000
16	No. 2 Spring	552-33	552-33	554-33	554-33	554-33
17	No. 2 Spring (Bolt on)	552-3	552-3	554-3	554-3	554-3
		552-3B	552-3B	N/A	N/A	N/A
18	Gasket/O-Ring	5752-13	5752-13	OBSOLETE	OBSOLETE	OBSOLETE
19	Screw	5752-11	5752-11	5754-11A	5754-11A	5754-11A

#### Model 575 Repair Kits



Repair Kit for models 550 & 575			NO.RK-011 2 1/2" & 3"		. RK-012 4"	NO. RK-013 6"		
	Seal Ring	2	558-12	2	559-12	2	5510-12	
-	O-Ring, Small	2	341N	2	426N	2	439N	
- 1	O-Ring, Large	4	353N	4	439N	4	448N	
-	Washer	2	604C-12	6	72C-12	6	604C-12	

Rubber Repair Kit	7	
for models 550 & 575	;	
3/4" & 1" Only	NO	D.RK-007
Includes:		
Seal Ring, Poppet	2	552-12
O-Ring, Cover		A - 1 A W 20.45 P
(Bolt On)	2	037N
O-Ring, Cover		
(Screw On)	2	146N
Rubber Repair Kit		No.
for models 550 & 575		
1 1/4", 1 1/2" & 2" Only	NO	D.RK-008
Includes:		
Seal Ring, Poppet	2	554-12
O-Ring, Cover	2	152N

Repair Kit for model 575		NO.RK-003 3/4" & 1"	NO. RK-014 11/4", 1 1/2" & :		
Includes:					
Seal Ring, Poppet	2	552-12	2	554-12	
Seal Ring, Relief Valve	1	5752-12	1	5754-12	
Diaphragm	1	5752-43	1	5754-43	
Gasket	1	5752-13	-	-	
O-Ring	-		- 1	031N	
O-Ring, Upper Stem	1	011N	1	010N	
O-Ring, Cover (Bolt On)	2	037N		*	
O-Ring, Cover	+	•	2	152N	
O-Ring, Lower Stem	1	116N	1.0	T	
Quad Ring, Lower Stem	-	-	2	152N	
O-Ring Seat	1	024N	1	136N	
#2 Spring	1	552-33	1	554-33	
Spring, Relief Valve	1	5752A-33	. 1	5754A-33	
#1 Spring	1	5752-33	1	5754-33	
O-Ring	3	010N			
O-Ring, Modl	-		1	028N	
O-Ring, Cover (Screw On)	2	146N	2.4		
O-Ring	-	-	1	108N	
Screw	3	5752-11A	. 3		
O-Ring	-	•	1	012N	
Washer	×	*	1	8387-601	
Screw	-		3	5752-11A	



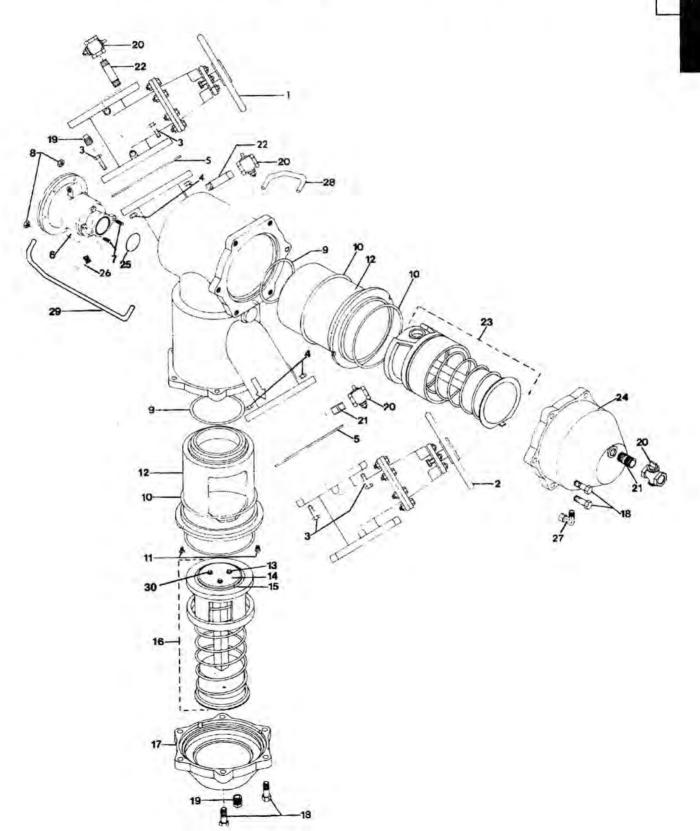
## 575 21/2" - 6" Reduced Pressure Principle Backflow Preventers

ltem#	Description	Qty	21/2"	Qty	3"	Qty	4"	Qty	6"
1	Gate Valve Tapped		- 60.00						
	(NRS)	1	21248	1	348	1	448	1	648
	Gate Valve OS&Y	1	21248OSY	1	348OSY	1	448OSY	1	648OSY
3	Bolt	8	558-11d	8	558-11d	16	559-11	16	5510-11
4	Nut	8	558-9	8	558-9	16	558-9	16	5510-9
5	Gasket	2	557-13	2	558-13	2	559-13	2	5510-13
6	Relief Valve	1	5758-cu	1	5758-cu	1	5758-cu	1	5758-cu
7	Stud	2	558-11b	2	558-11b	2	558-11b	2	558-11b
8	Nut	2	5758-9	2	5758-9	2	5758-9	2	5758-9
9	O-Ring Small	2	341n	2	341n	2	426n	2	439n
10	O-Ring Large	4	353n	4	353n	4	439n	4	448n
11	Screw	2	558-11a	2	558-11a	2	558-11a	2	724-11a
12	Sleve	2	558-2	2	558-2	2	559-2	2	5510-2
13	Screw (Poppet)	2	558-11	2	558-11	6	559-11B	6	552-11B
14	Retaining Plate	2	558-14	2	558-14	2	559-14	2	5510-14
15	Seal Ring	2	558-12	2	558-12	2	559-12	2	551012
16	#2 Poppet Assy.	1	N/A	1	N/A	1	559-300	1	5510300
17	#2 Cover	- 1	558-3	1	558-3	1	559-3	2	5510-3A
18	Bolt, Cover	8	559-11C	8	559-11C	12	559-11A	16	5510-11A
19	Pipe Plug	2	558-7	2	558-7	2	558-7	2	5510-7
20	Test Cock	4	12850	4	12850	4	12850	4	OBSOLETE
21	Nipple, Short	2	101-21B	2	101-21B	2	101-21B	2	102-21B
22	Nipple, Long	2	558-21B	2	558-21B	2	558-21B	2	5510-21B
23	#1 Poppet Assy.	1	5758-300	1	5758-300	1	5759-300	1	57510-300
24	#1 Cover	1	5758-3	1	5758-3	1	5759-3	1	57510-3
25	O-Ring	1	031N	1	031N	1	031N	1	031N
26	Pitot Tube Assy.	1	5758-360	1	5758-360	1	5759-360	1	57510-360
27	Fitting	1	5758A-38A	-1	5758A-38A	1	5758A-38A	1	5758A-38A
28	Tube1	1	5758-36A	- 1	5758-36A	1	5759-36A	1	57510-36A
29	Tube 2	i	5758-36B	1	5758-36B	1	5759-36B	1	57510-36B
30	Washer	2	604C-12	2	604C-12	6	72C-12	6	604C-12

# 575 21/2" - 6" Reduced Pressure Principle Backflow Preventers



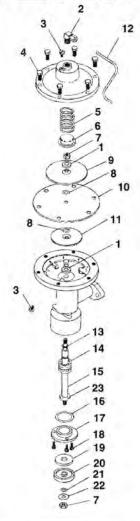


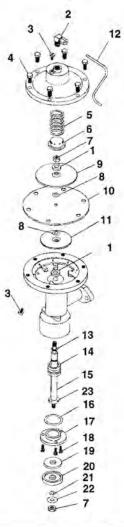


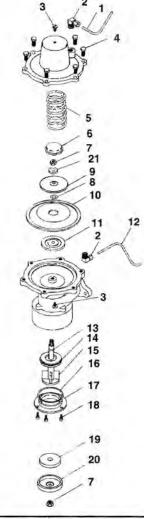
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### WILKINS

#### 575 Relief Valves







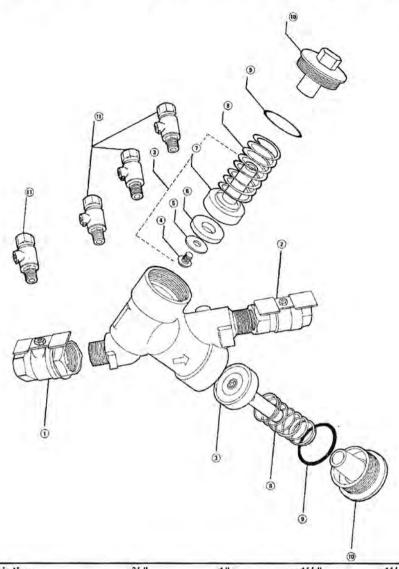
Relief V	alve Complete		5752-CU
Item#	Description	Qty.	Part No.
1	Spacer	2	5752-14A
2	Tube Fitting	1	5752A-38
3	Seal Screw	2	552-11A
4	Bolt	6	5752-11
6	Spring Retainer	1	5752A-80
7	Nut, Stem	2	5752-9
9	Washer, Upper		
	Diaphragm	. 1.	5752-80
11	Washer, Lower		
	Diaphragm	1	5752-80A
12	Tube	1	5752-36
15	Stem Assy.	7	5752-50
20	Seal Retainer	1	5752-34
21	O-Ring,		
- 11	Seal Retainer	1	010N
22	Washer	1	62-14
23	Washer	1	5752-14

	Model 575 Re 11/4", 11/2"	77.7	alve
Relief \	/alve Complete		5754-CU
Item#	Description	Qty.	Part No.
1.	Tube (Upstream)	1	5754-36A
2	Tube Fitting	2	5752A-38
3	Seal Screw	2	552-11A
4	Bolt	6	5752-11
6	Spring Retainer	1	5752A-80
7	Nut, Stem	2	5752-9
9	Washer, Upper		
	Diaphragm	1	5752-80A
11	Washer, Lower		
	Diaphragm	1	5754-80
12	Tube	1	5754-36
15	Stem Assembly		
	Mod. III	1	5754-50
17	Seat	1	5754-18
20	Seal Retainer	1	5754-34B
Repair	Kit Common Commo		
ncludes	5, 8, 10, 13, 14, 16, 1	8, 19	WK016

L	21/2" to				
Relief V	alve Complete	5758-CU			
Item#	Description	Qty.	Part No.		
1	Fitting	1	5758-38A		
2	Screw	9	5752-11		
3	Bleed Screw	2	552-11A		
4	Cover Bolt	1	559-11A		
5	Hex Nut	1	5758-9		
6	Washer	1	5758-14		
8	Spring Retainer	1	5758A-80A		
9	Spring	1			
10	Pan Head Screw	6	5758-11		
11	Guide	1	5758-31A		
13	Retainer	1	5758-80		
15	Body	1	5758-1A		
17	Piston	1	5758-35		
19	Seat Guide	1	5758-31		
20	Hex Head Screw	1	5754-11		
21	Seat Flange	1	5758-18		
22	Fitting	-1	5758A-36		

### Model 950 3/4" - 2" Double Check Backflow Preventers





Item #	Description	3/4"	1"	11/4"	11/2"	2"	
1, 2	Ball Valve	OBSOLETE	OBSOLETE	OBSOLETE	RC0730008	OBSOLETE	
3	Poppet Assembly	952-300	952-300	954-300	954-300	954-300	
4	Retaining Bolt	952-11	952-11	952-11	952-11	952-11	
5	Seal Ring Retainer	952-14	952-14	954-14	954-14	954-14	
6	Seal Ring	952-12	952-12	954-12	954-12	954-12	
7	Poppet	952-300	952-300	954-300	954-300	954-300	
8	Check Spring	952-33	952-33	554-33	554-33	554-33 153N	
9	O-Ring, Cover	136N	136N	153N	153N		
10	Check Cover	952-3	952-3	954-3	954-3	954-3	
11	Test Cock	RCO730000	RCO730000	RCO730000	RC0730000	RC0730000	
Repair Kit				A Danie			
Includes 6, 8, 9		RK34-950	RK34-950 RK114-950 RK114-950			RK114-950	
Rubber Re		Day 1 Satz	anici tet al Si				
Includes 6	, 9	RK34-950R	RK34-950R	RK114-950R	RK114-950R	RK114-950R	

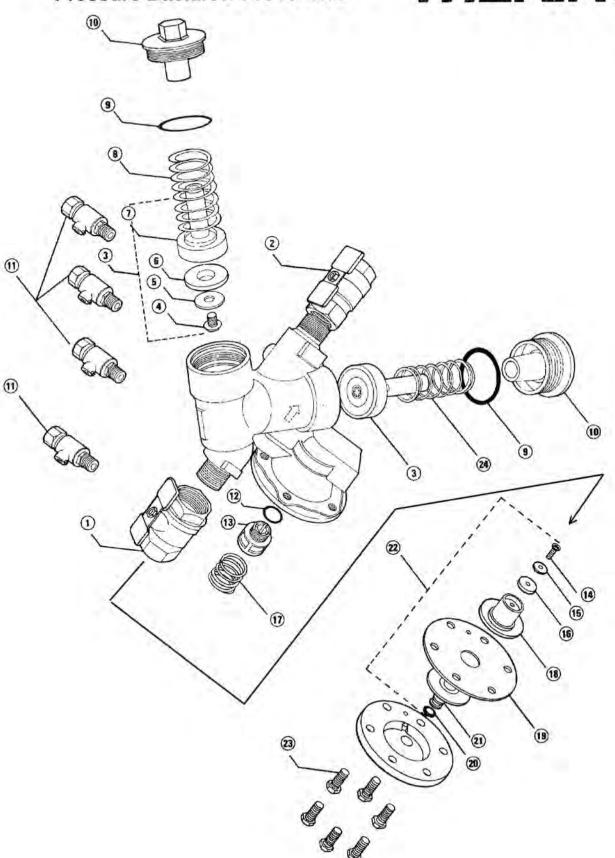
### WILKINS

### 975 Series 3/4" - 2" Reduced Pressure Backflow Preventers

Item#	Description	3/4"	1"	11/4"	1 1/2"	2"	
1,2	Ball Valve	OBSOLETE	OBSOLETE	OBSOLETE	RC0730008	OBSOLETE	
3	Poppet Assembly	952-300	952-300	954-300	954-300	954-300	
4	Retaining Bolt	952-11	952-11	952-11	952-11	952-11	
5	Seal Ring Retainer	952-14	952-14	954-14	954-14	954-14	
6	Seal Ring	952-12	952-12	954-12	954-12	954-12	
7	Poppet	952-300	952-300	954-300	954-300	954-300	
8	Check Spring	952-33	952-33	554-33	554-33	554-33	
9	O-Ring, Cover	136N	136N	153N	153N	153N	
10	Check Cover	952-3	952-3	954-3	954-3	954-3	
11	Test Cock	RCO730000	RC0730000	RCO730000	RC0730000	RC0730000	
12	O-Ring Relief Valve Seat	019N	019N	029N	029N	029N	
13	Relif Valve Seat	972-18	972-18	974-18	974-18	974-18	
14	Relif Valve Retaining Bolt	972-11a	972-11a	604b-11	604b-11	604b-11	
15	Relief Valve Seal Retainer	972-14	972-14	552-14	552-14	552-14	
16	Relief Valve Seal Ring	972-12	972-12	974-12	974-12	974-12	
17	Relief Valve Spring	972A-33	972A-33	974A-33	974A-33	974A-33	
18	Relief Valve Lower Plunger	972-34A	972-34A	974-34A	974-34A	974-34A	
19	Relief Valve Diaphragm	972-43	972-43	974-43	974-43	974-43	
20	O-Ring Relief Valve Stem	111N	111N	121N	121N	121N	
21	Relief Valve Upper Plunger	972-34	972-34	974-34	974-34	974-34	
22	Relief Valve Stem Assy.	972-50	972-50	974-50	974-50	974-50	
23	Relief Valve Cover Bolt	554-11A	554-11A	554-11A	554-11A	554-11A	
24	No. 2 Check Spring	952-33	952-33	554-33	554-33	554-33	
Repair	Kit					70.00	
nclude	s 6, 8, 9, 12, 16, 17, 19, 20,24 Repair Kit	RK34-975	RK34-975	RK114-975	RK114-975	RK114-975	
	s 6, 9, 12, 16, 19, 20	RK34-975R	RK34-975R	RK114-975R	RK114-975R	RK114-975R	

### 975 Series <sup>3</sup>/<sub>4</sub>" - 2" Reduced Pressure Backflow Preventers







### Model 975 21/2" - 10" Double Check Backflow Preventers

Item#	Description	Qty	21/2"	Qty	3"	Qty	4"	Qty	6"	Qty	8"	Qty	10"
1	Gate Valve Tapped	- 2	21248OSY	2	348OSY	2	448OSY	2	648OSY	20	DBSOLETE	20	OBSOLETE
	Gate Valve Tapped	2	21248	2	348	2	448	2	648	2	OBSOLETE	20	OBSOLETE
3	Bolt Flange	4	558-11D	4	558-11D	12	559-11	12	5510-11	12	9511-11B	20	9512-11B
4	Nut Flange	12	558-9	12	558-9	20	558-9	20	5510-9	20	5510-9	24	9512-9A
5	Gasket Flange	2	557-13	2	558-13	2	559-13	2	5510-13	2	OBSOLETE	2	OBSOLETI
6	Stud Flange	4	957-11A	4	957-11A	4	959-11A	4	9510-11A	4	9511-11A		OBSOLETE
7	O-Ring Large	1	033N	1	033N	1	033N	1	033N	1	036N	1	036N
8	Relief Valve	1	977-CU	1	977-CU	1	977-CU	4	977-CU	1	9711-CU	1	9711-CU
9	Bolt Cover Plate	3	554-11A	3	554-11A	3	554-11A	3	554-11A	3	554-11A	3	554-11A
10	O-Ring Small	1	020N	1	020N	1	020N	1	020N	1	020N	1	020N
11	Cover	2	957-3	2	957-3	2	959-3	2	9510-3	2	9511-3	2	9512-3
12	O-Ring Cover	2	OBSOLETE	2	OBSOLETE	20	DBSOLETE	2	OBSOLETE	20	OBSOLETE	2	OBSOLETE
13	Seal Ring	2	558-12	2	558-12	2	959-12	2	9510-12	2	9511-12	2	9512-12
14	Retaining Plate	2	957-31	2	957-31	2	959-14	2	9510-14	2	9511-14	2	9512-14
15	Nut Stem	2	957-9	2	957-9	2	959-9	2	9510-9	2	9511-9	2	9512-9
16	Bolt Seat	6	5752-11	6	5752-11	8	957-11	8	957-11	8	957-11	8	957-11
17	Seat	2	957-18	2	957-18	2	959-18	2	9510-18	2	9511-18	2	9512-18
18	O-Ring	2	238N	2	238N	2	252N	2	OBSOLETE	2	OBSOLETE	2	OBSOLET
19	No. 2 Poppet Assy.	1	957-300	1	957-300	1	959-300	1	9510-300	1	9511-300	1	9512-300
20	Ball Valve	4	12850	4	12850	4	12850	4	RCO730005	4	RC0730005	4	RC0730008
21	Nipple Long	2	558-21B	2	558-21B	2	558-21B	2	5510-21B	2	5510-21B	2	5510-21B
22	Nipple Short	2	101-21B	2	101-21B	2	101-21B	2	102-21B	2	102-21B	2	OBSOLETI
23	Plug	3	558-7	3	558-7	3	558-7	3	5510-7	3	5510-7	3	5510-7
24	Bolt Cover	- 12	957-11	12	957-11	16	959-11	16	9510-11	16	9511-11	16	9512-11
25	No.1 Poppet Assy.	1	977-300	1	977-300	1	979-300	1	9710-300	1	9711-300	1	9712s-300
Repair I	Cit Market												
	s 12, 13		RP212-950		RK212-950		RK4-950		RK6-950		RK8-950		RK10-950

#### Model 975 21/2" - 10" **Double Check Backflow Preventers**

