

Inlet and Outlet Shut-Off Valves

Item #	Description	Std. or LF	Qty.	Part Number					
				1/2"	3/4"	1"	1-1/4"	1-1/2"	2"
34	T2 Inlet NPT Ball Valve w/"T" Handle (Standard)	81 Mtl	1	77B-103-85	77B-104-83	77B-105-83	Not Available		
		LF		77BLF-103-85	77BLF-104-83	77BLF-105-83			
	T4 Inlet Union Ball Valve w/"T" Handle (Option)	81 Mtl		77B-303-85	77B-304-83	77B-305-83	Not Available		
		LF		77BLF-303-85	77BLF-304-83	77BLF-305-83			
	T2 Inlet NPT Ball Valve w/ Lever Handle (Standard)	81 Mtl		Not Available			77B-106-84	77B-107-84	77B-108-84
		LF					77BLF-106-84	77BLF-107-84	77BLF-108-84
	T4 Inlet Union Ball Valve with Lever Handle (Option)	81 Mtl		Not Available			77B-306-84	77B-307-84	77B-308-84
		LF					77BLF-306-84	77BLF-307-84	77BLF-308-84
	T2 Inlet NPT Ball Valve with Locking "T" Handle (Option)	81 Mtl		Not Available	77B-104-91	77B-105-91	Not Available		
		LF			77BLF-104-91	77BLF-105-91			
	T4 Inlet Union Ball Valve with Locking "T" Handle (Option)	81 Mtl			77B-304-91	77B-305-91	Not Available		
		LF			77BLF-304-91	77BLF-305-91			
T2 Inlet NPT Ball Valve with Locking Lever Handle (Option)	81 Mtl	Not Available			77B-106-86	77B-107-86	77B-108-86		
	LF				77BLF-106-86	77BLF-107-86	77BLF-108-86		
T4 Inlet Union Ball Valve with Locking Lever Handle (Option)	81 Mtl	Not Available			77B-306-86	77B-307-86	77B-308-86		
	LF				77BLF-306-86	77BLF-307-86	77BLF-308-86		
35	T2 Outlet NPT Ball Valve with "T" Handle (Standard)	81 Mtl	1	77C-103-A4	77C-104-83	77C-105-83	Not Available		
		LF		77CLF-103-85	77CLF-104-83	77CLF-105-83			
	T4 Outlet Union Ball Valve with "T" Handle (Option)	81 Mtl		77C-303-85	77C-304-83	77C-305-83	Not Available		
		LF		77CLF-303-85	77CLF-304-83	77C-305-83			
	T2 Outlet NPT Ball Valve with Lever Handle (Standard)	81 Mtl		Not Available			77C-106-84	77C-107-84	77C-108-84
		LF					77CLF-106-84	77CLF-107-84	77CLF-108-84
	T4 Outlet Union Ball Valve with Lever Handle (Option)	81 Mtl		Not Available			77C-306-84	77C-307-84	77C-308-84
		LF					77CLF-306-84	77CLF-307-84	77CLF-308-84
	T2 Outlet NPT Ball Valve with Locking "T" Handle (Option)	81 Mtl		Not Available	77C-104-91	77C-105-91	Not Available		
		LF			77CLF-104-91	77CLF-105-91			
	T4 Outlet Union Ball Valve with Locking "T" Handle (Option)	81 Mtl			77C-304-91	77C-305-91	Not Available		
		LF			77CLF-304-91	77CLF-305-91			
T2 Outlet NPT Ball Valve with Locking Lever Handle (Option)	81 Mtl	Not Available			77C-106-86	77C-107-86	77C-108-86		
	LF				77CLF-106-86	77CLF-107-86	77CLF-108-86		
T4 Outlet Union Ball Valve with Locking Lever Handle (Option)	81 Mtl	Not Available			77C-306-86	77C-307-86	77C-308-86		
	LF				77CLF-306-86	77CLF-307-86	77CLF-308-86		

Replacement Handles for Ball Valve Shut-Off Valves (T2 & T4 options)

"T" Handle	All	W-9732-00	W-9864-00	W-9734-00
Lever Handle		Not Available		W-9366-00
Locking "T"		Not Available	W-2394-00	Not Available
Locking Lever		Not Available		W-9686-00

Stainless steel handles are standard on all Apollo® backflow devices.

REPAIR KITS RP4A & RPLF4A 1/2" – 2"

Check Module Rubber Kit (One kit repairs one check) (Universal, for standard & lead free valves)		QTY	Size				
			1/2"	3/4"	1"	1-1/4" – 1-1/2"	2"
	Repair Kit Model Number		RK4A12CMR	RK4A34CMR	RK4A1CMR	RK4A112CMR	RK4A2CMR
Item #	Ordering Number		4A-003-01	4A-004-01	4A-005-01	4A-007-01	4A-008-01
not Shown	O-Ring Lubricant		I-9016-00				
11	Check Module Seat Disc	2	D-4771-00	D-4743-00	D-4770-00	D-4853-00	D-4873-00
7	Check Module O-Ring	2	D-4880-00	D-4744-00	D-4882-00	D-4884-00	D-4885-00
6	Cap O-Ring	2	D-4881-00	D-4812-00	D-4884-00	D-4885-00	D-4888-00

RP First Check Complete Kit (One kit repairs one check) (Universal, for standard & lead free valves)		QTY	Size				
			1/2"	3/4"	1"	1-1/4" – 1-1/2"	2"
	Repair Kit Model Number		RK4A12RPCMC	RK4A34RPCMC	RK4A1RPCMC	RK4A112RPCMC	RK4A2RPCMC
Item #	Ordering Number		4A-003-03	4A-004-03	4A-005-03	4A-007-03	4A-008-03
not Shown	O-Ring Lubricant		I-9016-00				
14	Check Module S-Assy	1	W-9207-05	W-9208-05	W-9209-05	W-9210-05	W-9211-05
7	Check Module O-Ring	1	D-4880-00	D-4744-00	D-4882-00	D-4884-00	D-4885-00
6	Cap O-Ring	1	D-4881-00	D-4812-00	D-4884-00	D-4885-00	D-4888-00

RP Second Check Complete Kit (One kit repairs one check) (Universal, for standard & lead free valves)		QTY	Size				
			1/2"	3/4"	1"	1-1/4" – 1-1/2"	2"
	Repair Kit Model Number		RK4A12CMC	RK4A34CMC	RK4A1CMC	RK4A112CMC	RK4A2CMC
Item #	Ordering Number		4A-003-02	4A-004-02	4A-005-02	4A-007-02	4A-008-02
not Shown	O-Ring Lubricant		I-9016-00				
15	Check Module S-Assy	1	W-9075-05	W-9003-05	W-9074-05	W-9159-05	W-9204-05
7	Check Module O-Ring	1	D-4880-00	D-4744-00	D-4882-00	D-4884-00	D-4885-00
6	Cap O-Ring (for DC/RP)	1	D-4881-00	D-4812-00	D-4884-00	D-4885-00	D-4888-00
extra part(s)	Bonnet O-Ring (for PVB)	1	D-4812-00	D-4883-00	D-4887-00	D-4858-00	

RP Relief Valve Rubber Kit (Universal, for standard & lead free valves)		QTY	Size				
			1/2"	3/4"	1"	1-1/4" – 1-1/2"	2"
	Repair Kit Model Number		RK4A1RVR			RK4A112RVR	RK4A2RVR
Item #	Ordering Number		4A-005-04			4A-007-04	4A-008-04
not Shown	O-Ring Lubricant		I-9016-00				
10	RV Diaphragm	1	D-2632-00			D-2505-00	D-4909-00
13	RV Bushing Face O-Ring	1	D-4893-00			D-4744-00	D-4904-00
11	RV Seat O-Ring	1	D-4892-00			D-4910-00	D-4903-00
29	RV Stem O-Ring	1	D4891-00			D-4927-00	D-4902-00
31	RV Seat Disc	1	D-4833-00			D-4911-00	D-4912-00

Repair Kits RP4A & RPLF4A 1/2" – 2" (continued)

RP Relief Valve Complete Kit (Universal, for standard & lead free valves)		QTY	Size				
			1/2"	3/4"	1"	1-1/4" – 1-1/2"	2"
	Repair Kit Model Number		RK4A1RVC			RK4A112RVC	RK4A2RVC
Item #	Ordering Number		4A-005-05			4A-007-05	4A-008-05
not Shown	O-Ring Lubricant		I-9016-00				
10	RV Diaphragm	1	D-2632-00			D-2505-00	D-4909-00
13	RV Bushing Face O-Ring	1	D-4893-00			D-4744-00	D-4904-00
11	RV Seat O-Ring	1	D-4892-00			D-4910-00	D-4903-00
16	RV S-Assy	1	W-9586-05			W-9587-05	W-9588-05
12	RV Seat	1	L-7894-00			L-8038-00	L-8039-00

RP Total Rubber Kit (Replace all rubber parts in ONE RP valve) (Universal, for standard & lead free valves)		QTY	Size				
			1/2"	3/4"	1"	1-1/4" – 1-1/2"	2"
	Repair Kit Model Number		RK4A12RPR	RK4A34RPR	RK4A1RPR	RK4A112RPR	RK4A2RPR
Item #	Ordering Number		4A-003-09	4A-004-09	4A-005-09	4A-007-09	4A-008-09
not Shown	O-Ring Lubricant		I-9016-00				
20	Check Module Seat Disc	2	D-4771-00	D-4743-00	D-4770-00	D-4853-00	D-4873-00
7	Check Module O-Ring	2	D-4880-00	D-4744-00	D-4882-00	D-4884-00	D-4885-00
6	Cap O-Ring	2	D-4881-00	D-4812-00	D-4884-00	D-4885-00	D-4888-00
10	RV Diaphragm	1	D-2632-00			D-2505-00	D-4909-00
13	RV Bushing Face O-Ring	1	D-4893-00			D-4744-00	D-4904-00
11	RV Seat O-Ring	1	D-4892-00			D-4910-00	D-4903-00
29	RV Stem O-Ring	1	D-4891-00			D-4927-00	D-4902-00
31	RV Seat Disc	1	D-4833-00			D-4911-00	D-4912-00

RP Complete Internals Kit (One kit repairs ONE RP valve) (Universal, for standard & lead free valves)		QTY	Size				
			1/2"	3/4"	1"	1-1/4" – 1-1/2"	2"
	Repair Kit Model Number		RK4A12TRP	RK4A34TRP	RK4A1TRP	RK4A112TRP	RK4A2TRP
Item #	Ordering Number		4A-003-10	4A-004-10	4A-005-10	4A-007-10	4A-008-10
not Shown	O-Ring Lubricant		I-9016-00				
14	1st Check Module S-Assy	1	W-9207-05	W-9208-05	W-9209-05	W-9210-05	W-9211-05
15	2nd Check Module S-Assy	1	W-9075-05	W-9003-05	W-9074-05	W-9159-05	W-9204-05
7	Check Module O-Ring	2	D-4880-00	D-4744-00	D-4882-00	D-4884-00	D-4885-00
6	Cap O-Ring	2	D-4881-00	D-4812-00	D-4884-00	D-4885-00	D-4888-00
10	RV Diaphragm	1	D-2632-00			D-2505-00	D-4909-00
13	RV Bushing Face O-Ring	1	D-4893-00			D-4744-00	D-4904-00
11	RV Seat O-Ring	1	D-4892-00			D-4910-00	D-4903-00
16	RV S-Assy	1	W-9586-05			W-9587-05	W-9588-05
12	RV Seat	1	L-7894-00			L-8038-00	L-8039-00

PARTS LIST 1/2" - 2"

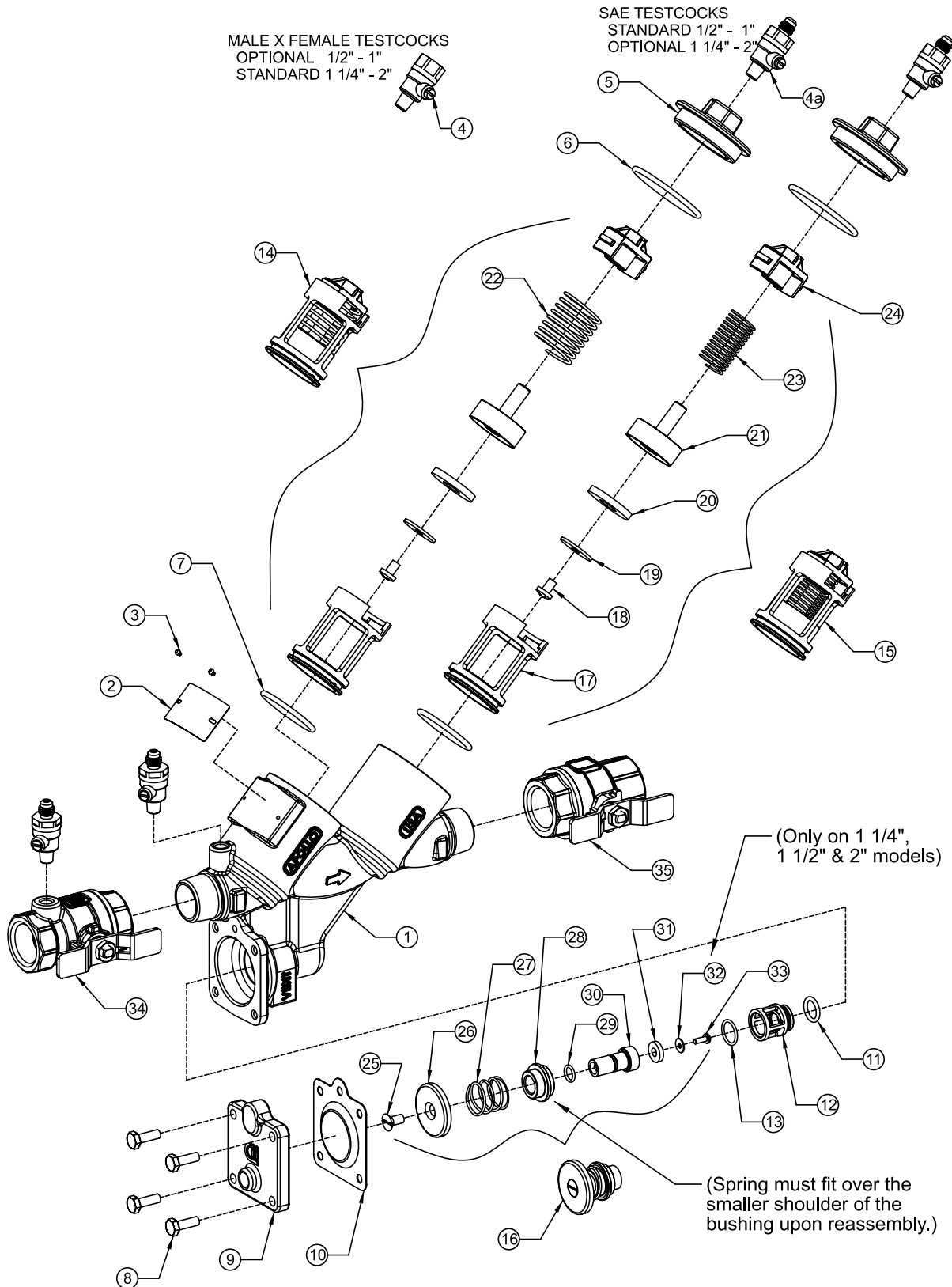


Figure 4

RP4A and RPLF4A Parts List

Item #	Description	Std. or LF	Qty.	Part Number					
				1/2"	3/4"	1"	1-1/4"	1-1/2"	2"
1	Body	All	1	Consult Factory					
2	Label Plate	All	1	Consult Factory					
3	Label Plate Tacks	All	2	I-2614-00					
4	Test Cock M x F (81 metal)	Std	4	78-290-01 (Optional)			78-291-01 (Standard)		
	Test Cock M x F (Lead Free)	LF		78LF-290-01 (Optional)			78LF-291-01 (Standard)		
4a	Test Cock SAE (81 metal)	Std		78-292-01 (Standard)			78-293-01 (Optional)		
	Test Cock SAE (Lead Free)	LF		78LF-292-01 (Standard)			78LF-293-01 (Optional)		
5	Cap (81 metal)	Std	2	F-3846-05	F-3822-05	F-3848-05	F-3850-05	F-3854-05	
	Cap (Lead Free)	LF		F-3847-05	F-3823-05	F-3849-05	F-3851-05	F-3855-05	
6	Cap O-Ring	All	2	D-4881-00	D-4812-00	D-4884-00	D-4885-00	D-4888-00	
7	Check Module O-Ring	All	2	D-4880-00	D-4744-00	D-4882-00	D-4884-00	D-4885-00	
8	RV Cover Bolts	All	(QTY)	B-1793-00 (4)			B-1751-00 (6)	B-1751-00 (7)	
9	RV Cover (81 metal)	Std	1	F-3890-05			F-3894-05	F-3892-05	
	RV Cover (Lead Free)	LF		F-3891-05			F-3895-05	F-3893-05	
10	RV Diaphragm	All	1	D-2632-00			D-2505-00	D-4909-00	
11	RV Seat O-Ring	All	1	D-4892-00			D-4910-00	D-4903-00	
12	RV Seat	All	1	L-7894-00			L-8038-00	L-8039-00	
13	RV Bushing Face O-Ring	All	1	D-4893-00			D-4744-00	D-4904-00	
14	1st Chk S-Assy (see below)	All	1	W-9207-05	W-9208-05	W-9209-05	W-9210-05	W-9211-05	
15	2nd Chk S-Assy (see below)	All	1	W-9075-05	W-9003-05	W-9074-05	W-9159-05	W-9204-05	
16	RV S-Assy (81) (see below)	Std	1	W-9223-05			W-9244-05	W-9245-05	
	RV S-Assy (LF) (see below)	LF		W-9586-05			W-9587-05	W-9588-05	

Individual parts are only available for bulk sales. Please refer to the appropriate repair kits on pages 13-14.

Check Module Sub-Assembly Parts List

Item #	Description	Std. or LF	Qty.	Part Number					
				1/2"	3/4"	1"	1-1/4"	1-1/2"	2"
17	Check Seat	All	1	L-7815-00	L-7727-00	L-7813-00	L-7979-00	L-7983-00	
18	Screw	All	1	B-3279-00	B-1750-00				
19	Disc Retaining Washer	All	1	E-2372-00	E-2841-00	E-2933-00	E-2860-00	E-2876-00	
20	Seat Disc	All	1	D-4771-00	D-4743-00	D-4770-00	D-4853-00	D-4873-00	
21	Poppet	All	1	K-4491-00	K-4471-00	K-4483-00	K-4511-00	K-4512-00	
22	Spring 1st Check	All	1	A-2514-00	A-2515-00	A-2516-00	A-2517-00	A-2518-00	
23	Spring 2nd Check			A-2505-00	A-2503-00	A-2510-00	A-2511-00	A-2512-00	
24	Spring Retainer	All	1	L-7814-00	L-7726-00	L-7812-00	L-7980-00	L-7984-00	

Individual parts are only available for bulk sales. Please refer to the appropriate repair kits on pages 13-14.

Relief Valve Module Sub-Assembly Parts List

Item #	Description	Std. or LF	Qty.	Part Number					
				1/2"	3/4"	1"	1-1/4"	1-1/2"	2"
25	RV Diaphragm Plate Screw	All	1	B-1749-00					B-1750-00
26	RV Diaphragm Plate	All	1	E-2222-00			D-2506-00	E-2891-00	
27	RV Spring	All	1	A-2542-00			A-2543-00	A-2519-00	
28	RV Bushing (Standard)	Std	1	I-8976-00			I-9053-00	I-9054-00	
	RV Bushing (Lead Free)	LF		I-9225-00			I-9226-00	I-9277-00	
29	RV Stem O-Ring	All	1	D-4891-00			D-4927-00	D-4902-00	
30	RV Stem	All	1	G-4791-00			G-3212-00	G-4816-00	
31	RV Seat Disc	All	1	D-4833-00			D-4911-00	D-4912-00	
32	RV Seat Disc Washer	All	1	NONE			E-2280-00	E-2890-00	
33	RV Seat Disc Screw	All	1	B-3254-00			B-3280-00	B-1750-00	

Individual parts are only available for bulk sales. Please refer to the appropriate repair kits on pages 13-14.