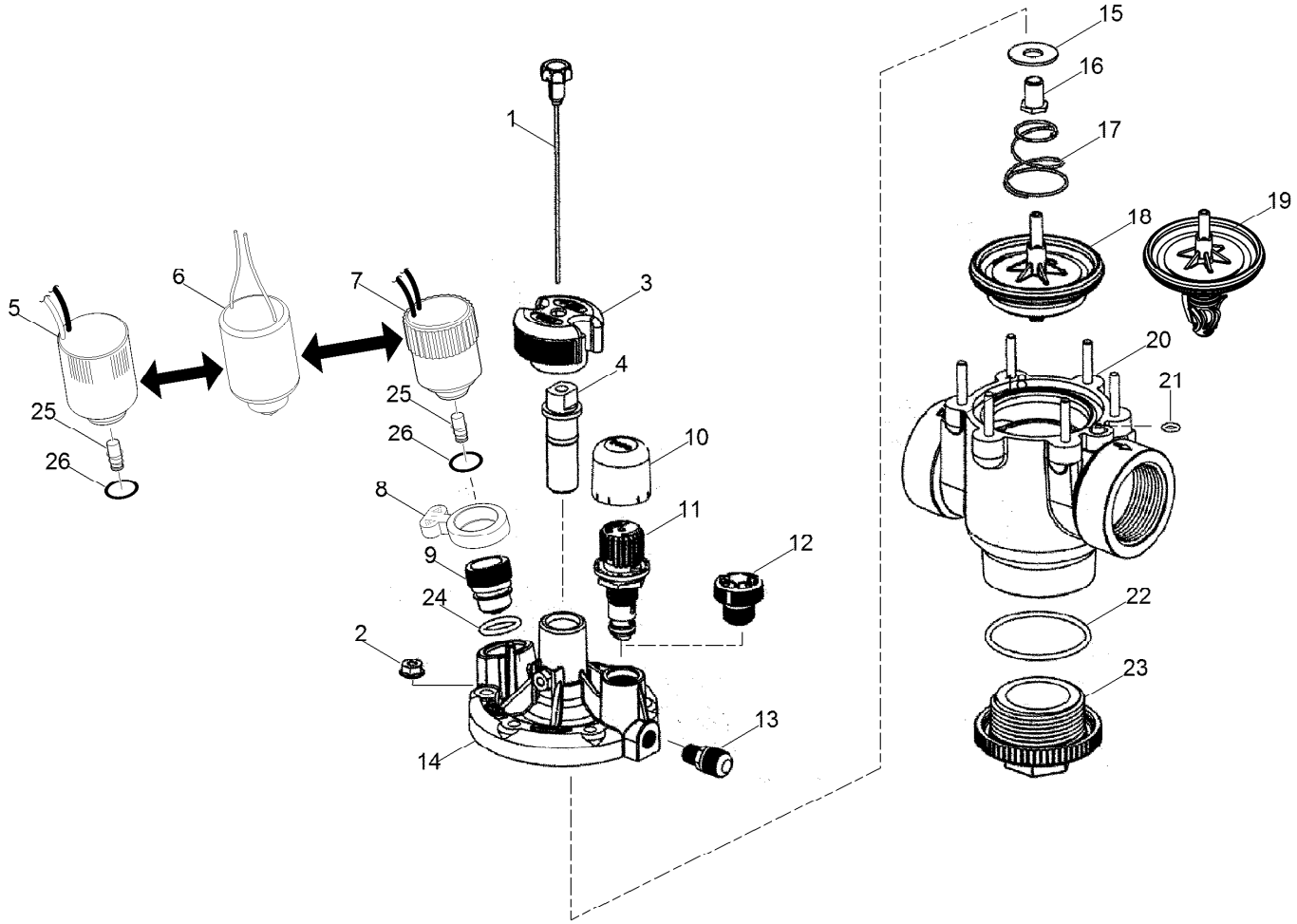
P-220, P-220G and Scrubber Series, 1" Valve

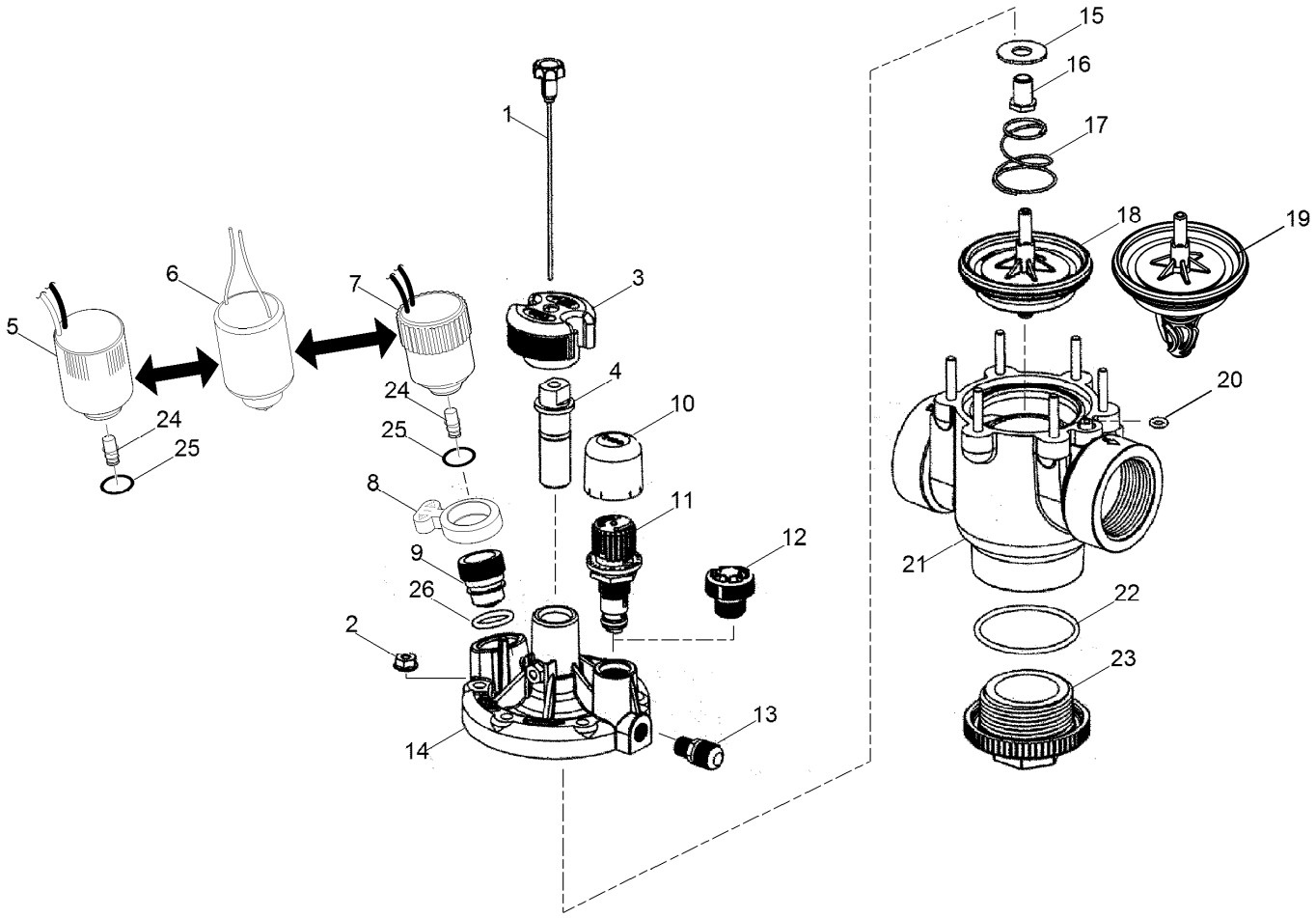


P-220, P-220G and Scrubber Series, 1" Valve (continued)

Ref.	Part Number	Qty.	Description
1	102-3756	1	Metering Rod Assy., P-220
2	118-1721	7	Hex Nut, Flanged
3	89-9780	1	Handle, Flow Control
4	102-0966	1	Stem Assy., Flow Control
5	102-2709	1	Solenoid Assy., 24Vdc, Latching (Red W/ White Stripe And Black)
6	118-5982	1	Solenoid Assy. With Plunger, 24 Vac, 60 Hz
6	118-5983	1	Solenoid Assy. With Plunger, 24 Vac, 50 Hz
7	102-3443	1	Solenoid-Low Wattage, W/Surge Protection (Black Wires)
8	606902	1	Handle, Bleed Plug
9	102-4787	1	Bleed Plug
10	835203	1	Cap, Vandal Resistant (Pressure Regulating Models Only)
11	EZR-30	1	Regulator Module, 30 Psi (Includes Item 10) ◆
11	EZR-100	1	Regulator Module, 100 Psi (Includes Item 10) ◆
12	89-9521	1	Blanking Plug Assy. (Non-Pressure Regulating Models Only))
13	834101	1	Valve Assy., Schrader
14	102-0366	1	Bonnet Assy.
15	856202	1	Stem Washer
16	1033-H	1	Bushing
17	H1040	1	Spring
18	102-0368	1	Diaphragm Assy.
19	p220S-KIT-04	1	Assy., Kit, Service, Scrubber, 1" (Includes Items 19 And 20) ◆
20		1	Valve Body Assy. ▲
21	1054-H	1	O-Ring, Body
22	2413	1	O-Ring, Body Plug
23	536203	1	Plug, Body, Npt & BSP
24	1009701	1	O-Ring, Bleed Plug
25	118-6446	1	Plunger Assy. (Used With Items 5 And 7)
26	360-0220	1	O-Ring (0.070 X 0.551 X 0.691) (As568-015)
	102-0847		Assy., Kit, Service, 1" & 1.5", P-220 (Includes Items 2-4, 12-14 And 17) ●■

● SERVICE ITEMS
▲ Not serviced separately
◆ Order Through Finished Goods Distribution System - Minneapolis
■ Not illustrated

P-220, P-220G and Scrubber Series, 1.5" Valve

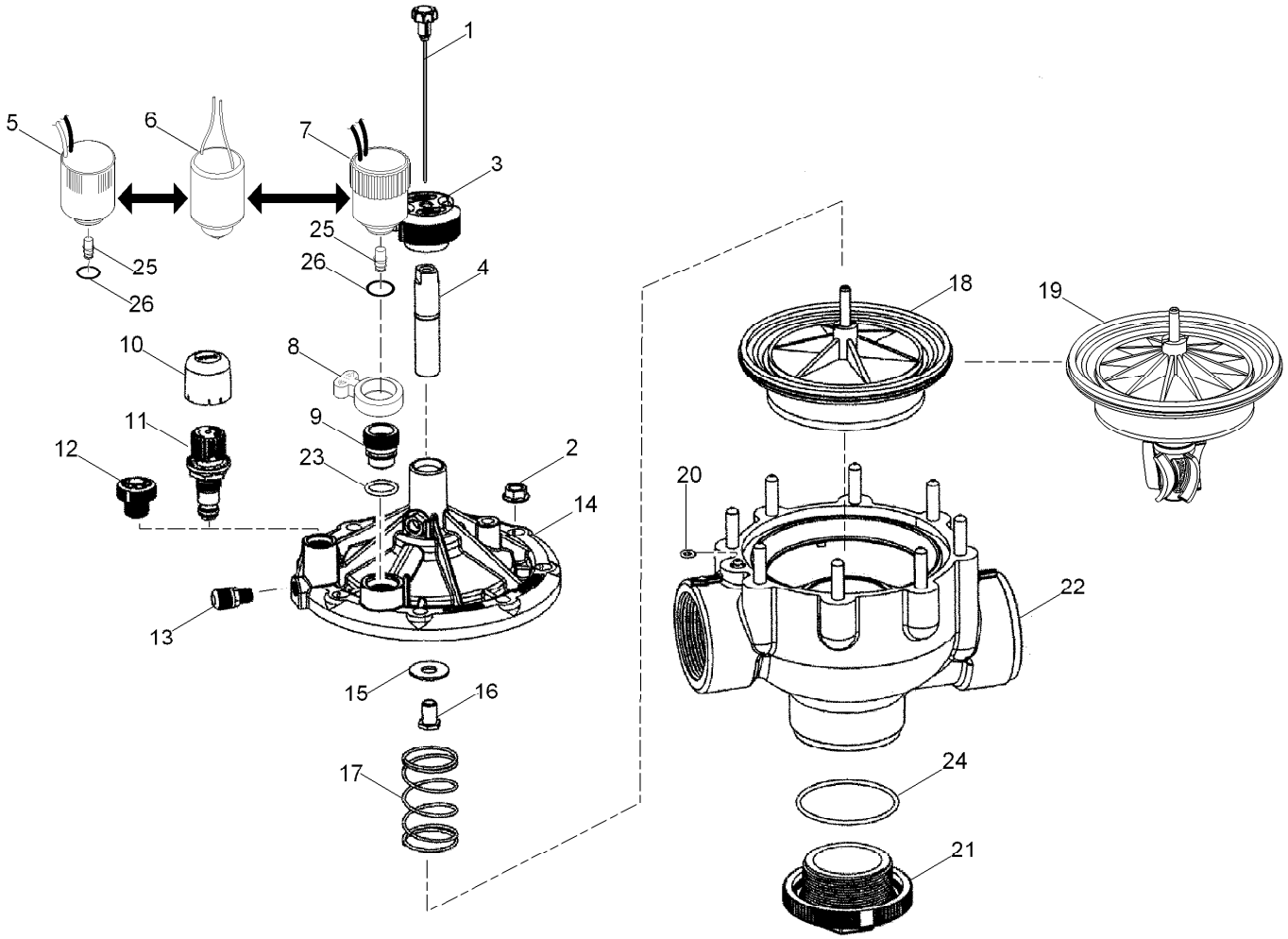


P-220, P-220G and Scrubber Series, 1.5" Valve (continued)

Ref.	Part Number	Qty.	Description
1	102-3756	1	Metering Rod Assy., P-220
2	118-1721	7	Hex Nut, Flanged
3	89-9780	1	Handle, Flow Control
4	102-0966	1	Stem Assy., Flow Control
5	102-2709	1	Solenoid Assy., 24Vdc, Latching (Red W/ White Stripe And Black)
6	118-5982	4	Solenoid Assy. With Plunger, 24 Vac, 60 Hz
6	118-5983	1	Solenoid Assy. With Plunger, 24 Vac, 50 Hz
7	102-3443	1	Solenoid-Low Wattage, W/Surge Protection (Black Wires)
8	606902	1	Handle, Bleed Plug
9	102-4787	1	Bleed Plug
10	835203	1	Cap, Vandal Resistant (Pressure Regulating Models Only)
11	EZR-30	1	Regulator Module, 30 Psi (Includes Item 10) (Pressure Regulating Models Only) ◆
11	EZR-100	1	Regulator Module, 100 Psi (Includes Item 10) (Pressure Regulating Models Only) ◆
12	89-9521	1	Blanking Plug Assy. (Non-Pressure Regulating Models Only)
13	834101	1	Valve Assy., Schrader
14	102-0366	1	Bonnet Assy.
15	856202	1	Stem Washer
16	1033-H	1	Bushing
17	H1040	1	Spring
18	102-0770	1	Diaphragm Assy.
19	P220S-KIT-06	1	Assy., Kit, Service, Scrubber, 1.5" (Includes Items 19 And 20) ◆
20	1054-H	1	O-Ring, Body
21		1	Valve Body Assy. ▲
22	363-4764	1	O-Ring, Body Plug
23	209406	1	Plug, Body, Npt & BSP
24	118-6446	1	Plunger Assy. (Used With Items 5 And 7)
25	360-0220	1	O-Ring, 0.070" X 0.551" X 0.691", EI And Pr (Used With Items 5 And 7)
26	1009701 102-0847	1	O-Ring, Bleed Plug Assy., Kit, Service, 1" & 1.5", P-220 (Includes Items 2-4, 12-14 And 17) ●■

● SERVICE ITEMS
▲ Not serviced separately
◆ Order Through Finished Goods Distribution System - Minneapolis
■ Not illustrated

P-220, P-220G and Scrubber Series, 2" Valve

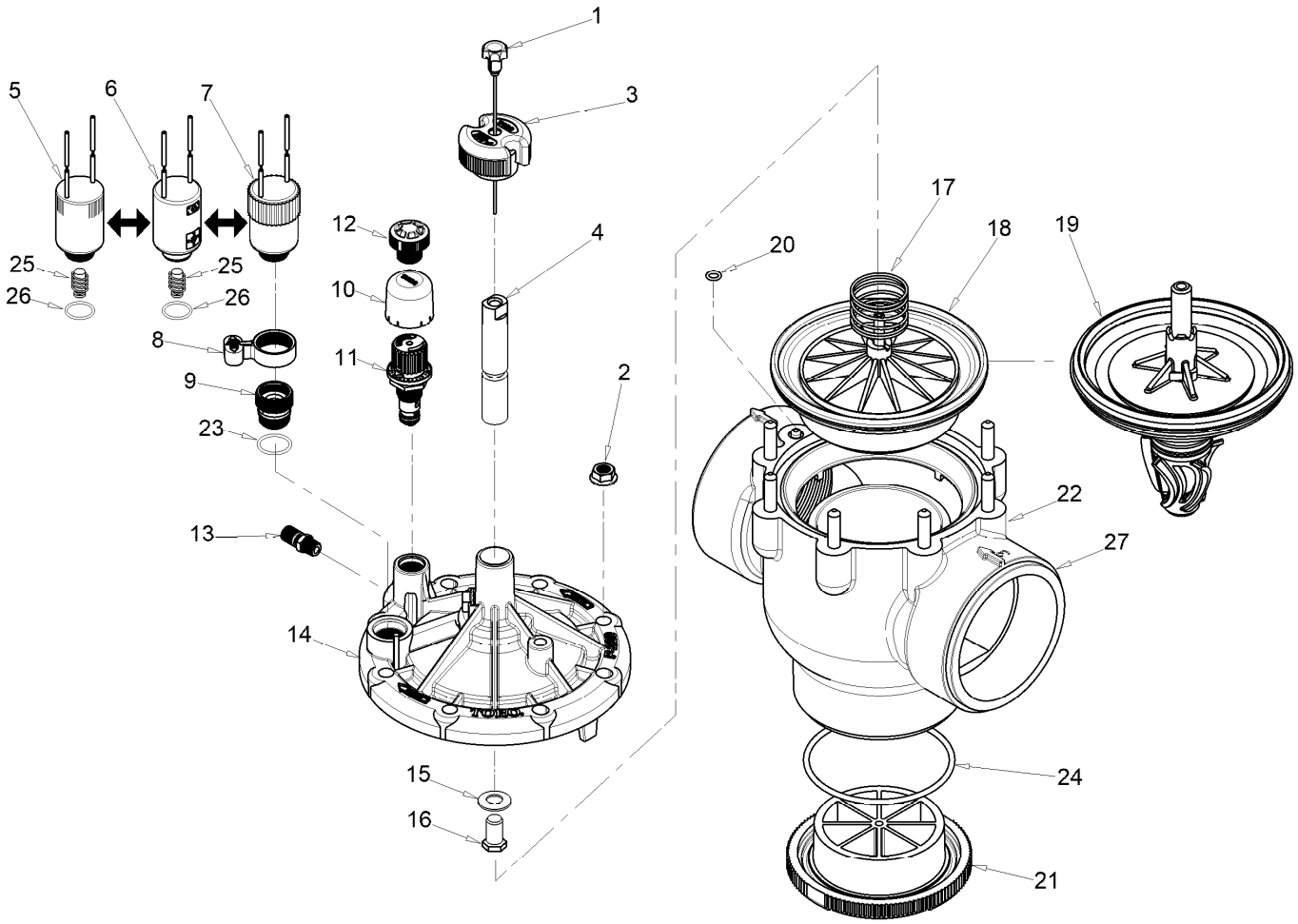


P-220, P-220G and Scrubber Series, 2" Valve (continued)

Ref.	Part Number	Qty.	Description
1	102-0943	1	Metering Rod Assy., P-220
2	118-1722	9	Nut-Hex Flange
3	89-9780	1	Handle, Flow Control
4	102-0967	1	Stem Assy., Flow Control
5	102-2709	1	Solenoid Assy., 24Vdc, Latching (Red W/ White Stripe And Black)
6	118-5982	1	Solenoid Assy. With Plunger, 24 Vac, 60 Hz
6	118-5983	1	Solenoid Assy. With Plunger, 24 Vac, 50 Hz
7	102-3443	1	Solenoid-Low Wattage, W/Surge Protection (Black Wires)
8	606902	1	Handle, Bleed Plug
9	102-4787	1	Bleed Plug
10	835203	1	Cap, Vandal Resistant (Pressure Regulating Models Only)
11	EZR-30	1	Regulator Module, 30 Psi (Includes Item 10) (Pressure Regulating Models Only) ◆
11	EZR-100	1	Regulator Module, 100 Psi (Includes Item 10) (Pressure Regulating Models Only) ◆
12	89-9521	1	Blanking Plug Assy. (Non-Pressure Regulating Models Only)
13	834101	1	Valve Assy., Schrader
14	102-0367	1	Bonnet Assy.
15	1126	1	Washer-Flat
16	1033-H	1	Bushing
17	1041	1	Spring,2X3 SS
18	934501	1	Diaphragm Assy.
19	P220S-KIT-08	1	Assy., Kit, Service, 2" & 3" P-220 (Includes Items 19 And 20) ◆
20	1054-H	1	O-Ring, Body
21	209506-H	1	Plug, Body, Npt
21	209507	1	Plug, Body, BSP
22		1	Valve Body Assy. ▲
23	1009701	1	O-Ring, Bleed Plug
24	935901	1	O-Ring, Body Plug
25	118-6446	1	Plunger Assy. (Used With Items 5 And 7)
26	360-0220	1	O-Ring, 0.070" X 0.551" X 0.691", El And Pr (Used In Items 5 And 7)
	102-0848		Assy., Kit, Service, 2" & 3" P-220 (Includes Items 1-3, 12-14 And 17)-●■

● SERVICE ITEMS
▲ Not serviced separately
◆ Order Through Finished Goods Distribution System - Minneapolis
■ Not illustrated

P-220 and Scrubber Series, 3" Valve

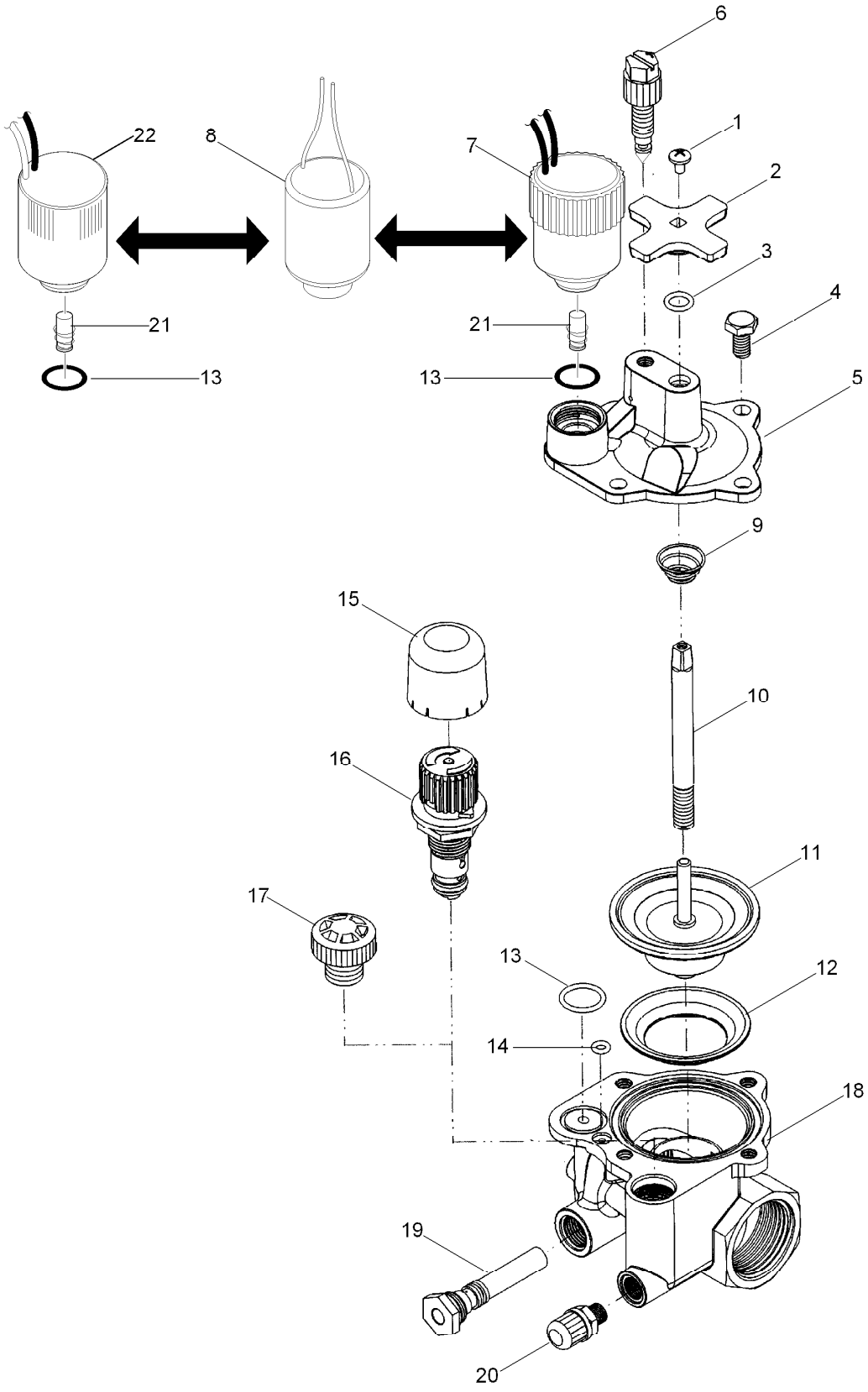


P-220 and Scrubber Series, 3" Valve (continued)

Ref.	Part Number	Qty.	Description
1	102-0943	1	Metering Rod Assy., P-220
2	118-1722	9	Nut-Hex Flange
3	89-9780	1	Handle, Flow Control
4	102-0967	1	Stem Assy., Flow Control
5	102-2709	1	Solenoid Assy., 24Vdc, Latching (2-Wire Decoder)
6	118-5982	1	Solenoid Assy. With Plunger, 24 Vac, 60 Hz
6	102-7054	1	Solenoid Assy. With Plunger, 24 Vac, 50 Hz
7	102-3443	1	Solenoid-Low Wattage, W/Surge Protection (Black Wires)
8	606902	1	Handle, Bleed Plug
9	102-4787	1	Bleed Plug
10	835203	1	Cap, Vandal Resistant (Pressure Regulating Models Only)
11	EZR-30	1	Regulator Module, 30 Psi (Includes Item 10) (Pressure Regulating Models Only) ❑
11	EZR-100	1	Regulator Module, 100 Psi (Includes Item 10) (Pressure Regulating Models Only) ❑
12	89-9521	1	Blanking Plug Assy. (Non-Pressure Regulating Models Only)
13	834101	1	Valve Assy., Schrader
14	102-0367	1	Bonnet Assy.
15	1126	1	Washer-Flat
16	1033-H	1	Bushing
17	1041	1	Spring,2X3 SS
18	935001	1	Diaphragm Assy.
19	P220S-KIT-010	1	Diaphragm Kit, Scrubber, 3 Inch ◆
19	P220S-KIT-00	1	Diaphragm Kit, Scrubber, 3 ❑
20	1054-H	1	O-Ring, Body
21	209605-H	1	Plug, Body, Npt
21	209606-H	1	Plug, Body, BSP
22		1	Valve Body Assy. ▲
23	1009701	1	O-Ring, Bleed Plug
24	RS100-238-70N	1	Plunger Assy. (Used With Items 5 And 7)
25	118-6446	1	Plunger Assy.
26	360-0220	1	O-Ring (0.070 X 0.551 X 0.691) (As568-015) (Used With Items 5 And 7)
27	R934901	1	P-220 Body Kit, Npt (For P220-Xx-00 And P220S-Xx-00 Models Only)
27	R934902	1	P-220 Body Kit, BSP (For P220-Xx-00 And P220S-Xx-00 Models Only)
	102-0848		Assy., Kit, Service, 2" & 3" P-220 (Includes Items 1-3, 12-14 And 17)) ●■

● SERVICE ITEMS
▲ Not serviced separately
◆ Order Through Finished Goods Distribution System?Minneapolis
❑ Order Through Finished Goods Distribution System - Minneapolis
■ Not illustrated

220, 220G Series, 1" Valve, Pressure Reg.

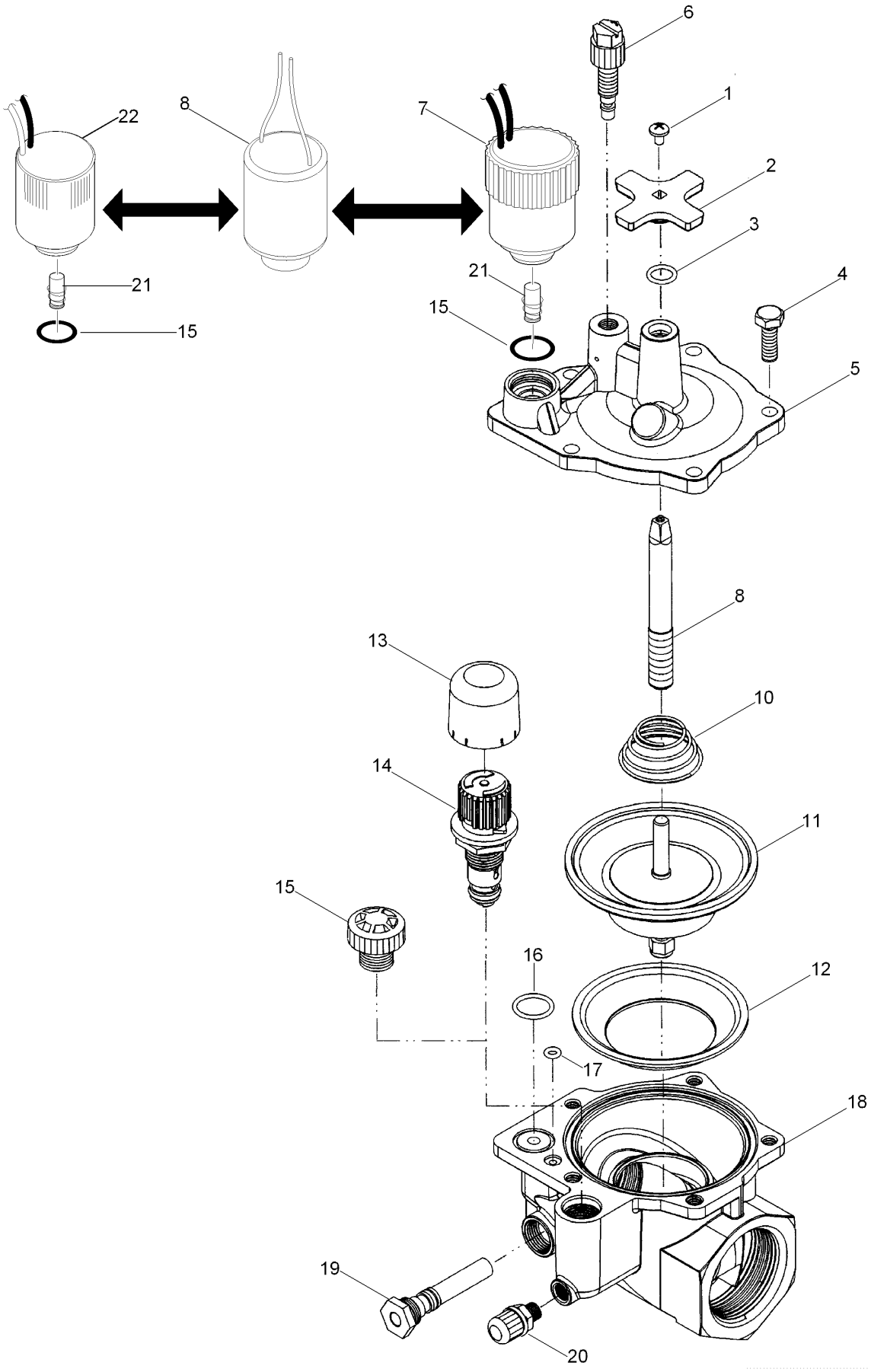


220, 220G Series, 1" Valve, Pressure Reg. (continued)

Ref.	Part Number	Qty.	Description
1	360-0498	1	Screw, Machine, 8-32 X 1/4"
2	9-4527	1	Handle, Cross
3	360-0107	1	O-Ring
4	363-8634	4	Screw-Cap, HH
5	89-9538	1	Cap, Valve
6	102-0208	1	Bleed Screw Assy.
7	102-3443	1	Solenoid-Low Wattage, W/Surge Protection (Black Wires)
8	118-5982	1	Solenoid Assy. With Plunger, 24 Vac, 60 Hz
8	118-5983	1	Solenoid Assy. With Plunger, 24 Vac, 50 Hz
9	9-5146	1	Spring, Diaphragm
10		1	Stem Assembly ●
11	9-5359	1	Diaphragm Assy., 1" Brass
12	35-2639	1	Support, Diaphragm
13	360-0220	2	O-Ring (0.070 X 0.551 X 0.691) (As568-015) (Used With Item 7)
14	360-0530	1	O-Ring, El And Pr (0.070 X 0.145 X 0.285)
15	835203	1	Cap, Vandal Resistant (Pressure Regulating Models Only)
16	EZR-30	1	Regulator Module, 30 Psi (Includes Item 15) ■
16	EZR-100	1	Regulator Module, 100 Psi (Includes Item 15) ■
17	89-9521	1	Blanking Plug Assy. (Non-Pressure Regulating Models Only)
18		1	Body, Brass (Pressure Regulated) ●
19	102-0690	1	Filter Assy., Metering, 1" & 1.5"
20	834101	1	Valve Assy., Schrader
21	118-6446	1	Plunger Assy. (Used With Items 22 And 7)
22	102-2709	1	Solenoid Assy., 24Vdc, Latching (Red W/ White Stripe And Black)

● Not serviced separately
■ Order Through Finished Goods Distribution System - Minneapolis

220, 220G Series, 1.25" and 1.5", Pressure Reg.

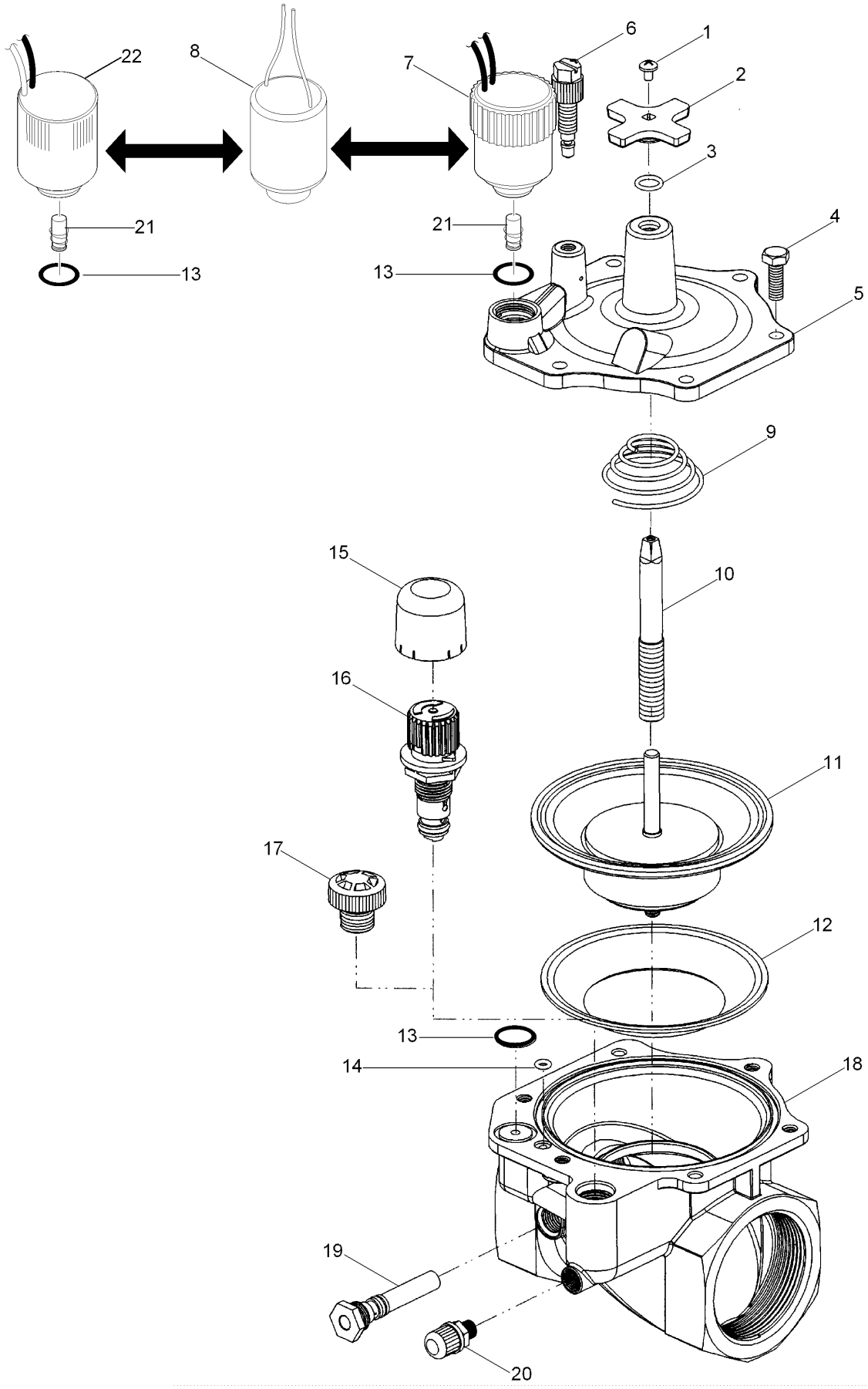


220, 220G Series, 1.25" and 1.5", Pressure Reg. (continued)

Ref.	Part Number	Qty.	Description
1	360-0498	1	Screw, Machine, 8-32 X 1/4"
2	9-4527	1	Handle, Cross
3	360-0493	1	O-Ring, 0.070 X 0.364 X 0.504
4	360-0499	5	Screw, Machine, 1/4-20 X 3/4"
5	89-9539	1	Cap, Valve
6	102-0208	1	Bleed Screw Assy.
7	102-3443	1	Solenoid-Low Wattage, W/Surge Protection (Black Wires)
8	118-5982	1	Solenoid Assy. With Plunger, 24 Vac, 60 Hz
8	118-5983	1	Solenoid Assy. With Plunger, 24 Vac, 50 Hz
8	9-4424	1	Stem, Flow Control
10	102-0637	1	Spring, Diaphragm
11	9-5361	1	Diaphragm Assy., 1.5" And 1.25"
12	35-2452	1	Support, Diaphragm
13	835203	1	Cap, Vandal Resistant (Pressure Regulating Models Only)
14	EZR-30	1	Regulator Module, 30 Psi (Used With Item 13) (Pressure Regulating Models Only) ■
14	EZR-100	1	Regulator Module, 100 Psi (Used With Item 13) (Pressure Regulating Models Only) ■
15	89-9521	1	Blanking Plug Assy. (Non-Pressure Regulating Models Only)
16	360-0220	2	O-Ring (0.070 X 0.551 X 0.691) (As568-015) (Used With Item 7)
17	360-0530	1	O-Ring, El And Pr (0.070 X 0.145 X 0.285)
18		1	Body, Brass (Pressure Regulated) ●
19	102-0690	1	Filter Assy., Metering, 1" & 1.5"
20	834101	1	Valve Assy., Schrader
21	118-6446	1	Plunger Assy. (Used With Items 22 And 7)
22	102-2709	1	Solenoid Assy., 24Vdc, Latching (Red W/ White Stripe And Black)

● Not serviced separately
■ Order Through Finished Goods Distribution System - Minneapolis

220, 220G Series, 2" Valve, Pressure Reg.



220, 220G Series, 2" Valve, Pressure Reg. (continued)

Ref.	Part Number	Qty.	Description
1	360-0498	1	Screw, Machine, 8-32 X 1/4"
2	9-4527	1	Handle, Cross
3	360-0493	1	O-Ring, 0.070 X 0.364 X 0.504
4	360-0499	6	Screw, Machine, 1/4-20 X 3/4"
5	89-9540	1	Cap, Valve
6	102-0208	1	Bleed Screw Assy.
7	102-3443	1	Solenoid-Low Wattage, W/Surge Protection (Black Wires)
8	118-5982	1	Solenoid Assy. With Plunger, 24 Vac, 60 Hz
8	118-5983	1	Solenoid Assy. With Plunger, 24 Vac, 50 Hz
9	89-1652	1	Spring, Diaphragm
10	9-4543	1	Stem, Flow Control
11	9-5363	1	Diaphragm, Assy., 2"
12	9-4541	1	Support, Diaphragm
13	360-0220	2	O-Ring (0.070 X 0.551 X 0.691) (As568-015) (Used With Item 7)
14	360-0530	1	O-Ring, El And Pr (0.070 X 0.145 X 0.285)
15	835203	1	Cap, Vandal Resistant (Pressure Regulating Models Only)
16	EZR-30	1	Regulator Module, 30 Psi (Includes Item 16) (Pressure Regulating Models Only)■
16	EZR-100	1	Regulator Module, 100 Psi (Includes Item 16) (Pressure Regulating Models Only)■
17	89-9521	1	Blanking Plug Assy. (Non-Pressure Regulating Models Only)
18		1	Body, Brass●
19	102-0691	1	Filter Assy., Metering, 2"
20	834101	1	Valve Assy., Schrader (Pressure Regulating Models Only)
21	118-6446	1	Plunger Assy. (Used With Items 22 And 7)
22	102-2709	1	Solenoid Assy., 24Vdc, Latching (Red W/ White Stripe And Black)

● Not serviced separately
■ Order Through Finished Goods Distribution System - Minneapolis