

DEMA[®]



PARTS AND ACCESSORIES CATALOG



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FOOD SERVICE DISPENSERS

301 SERIES HAND PUMPS

302 SERIES HAND PUMPS

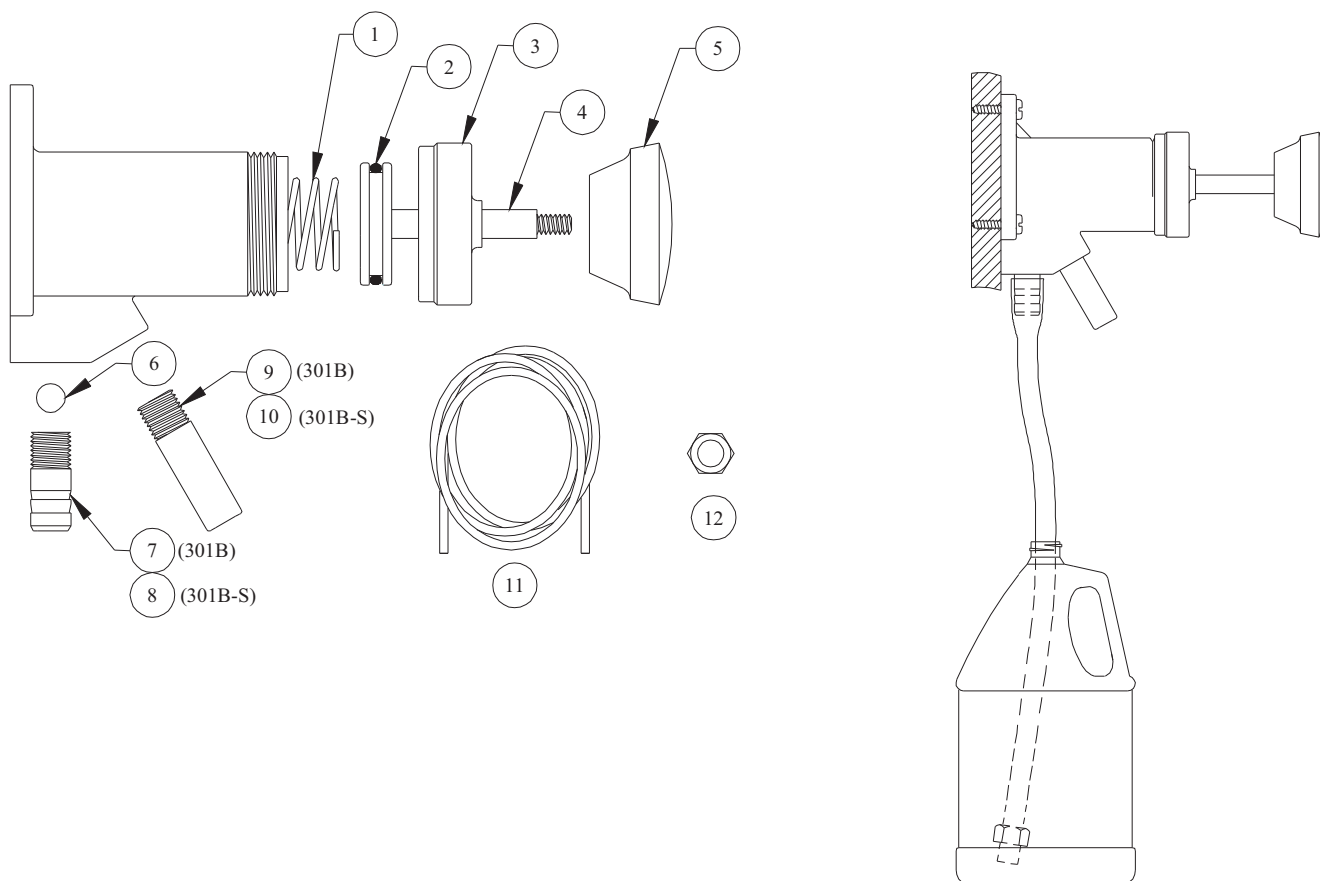
FAUCET PROPORTIONERS

FAUCET ADAPTER KITS

SINK DISPENSERS

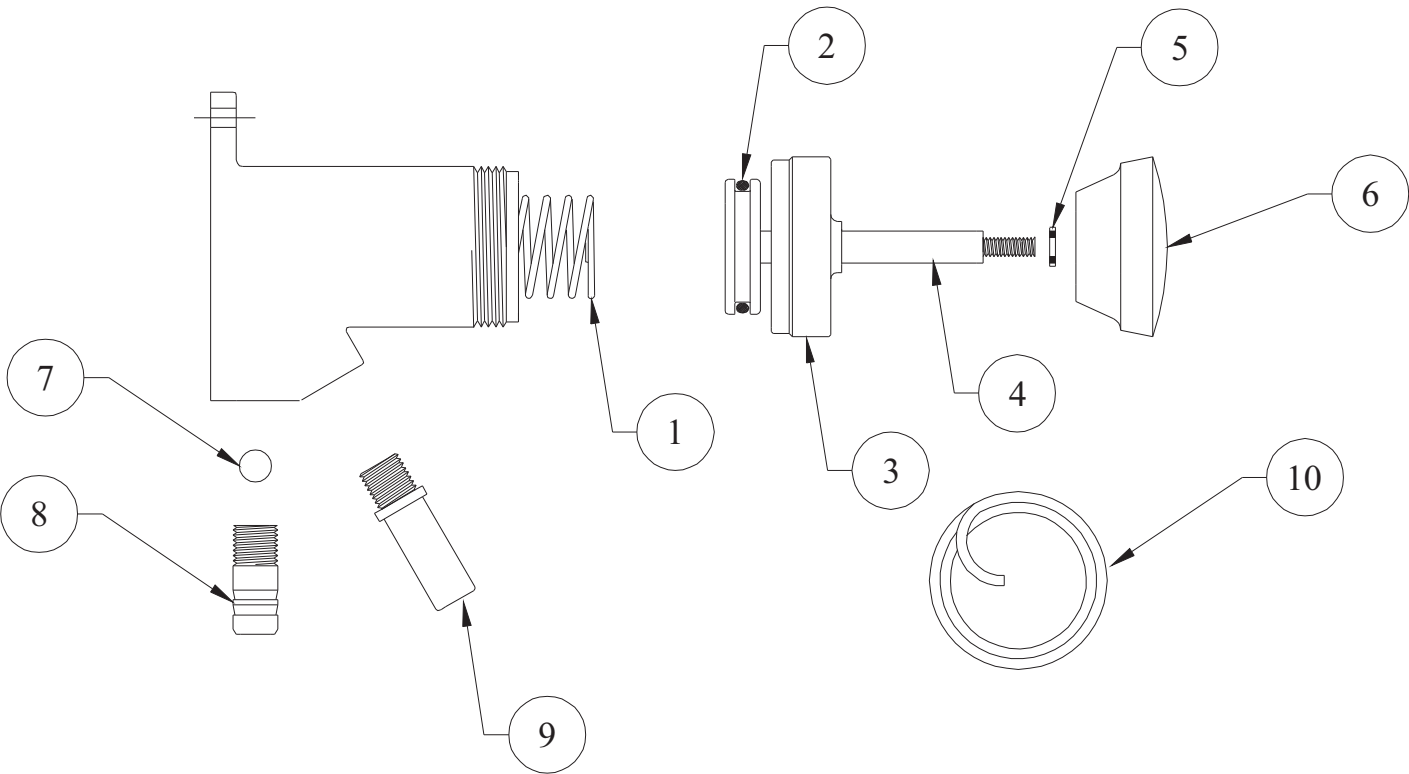
**DRAIN AND ODOR
CONTROL**

DEMA SURE-MEASURE DISPENSER MODEL 301B, 301B-S



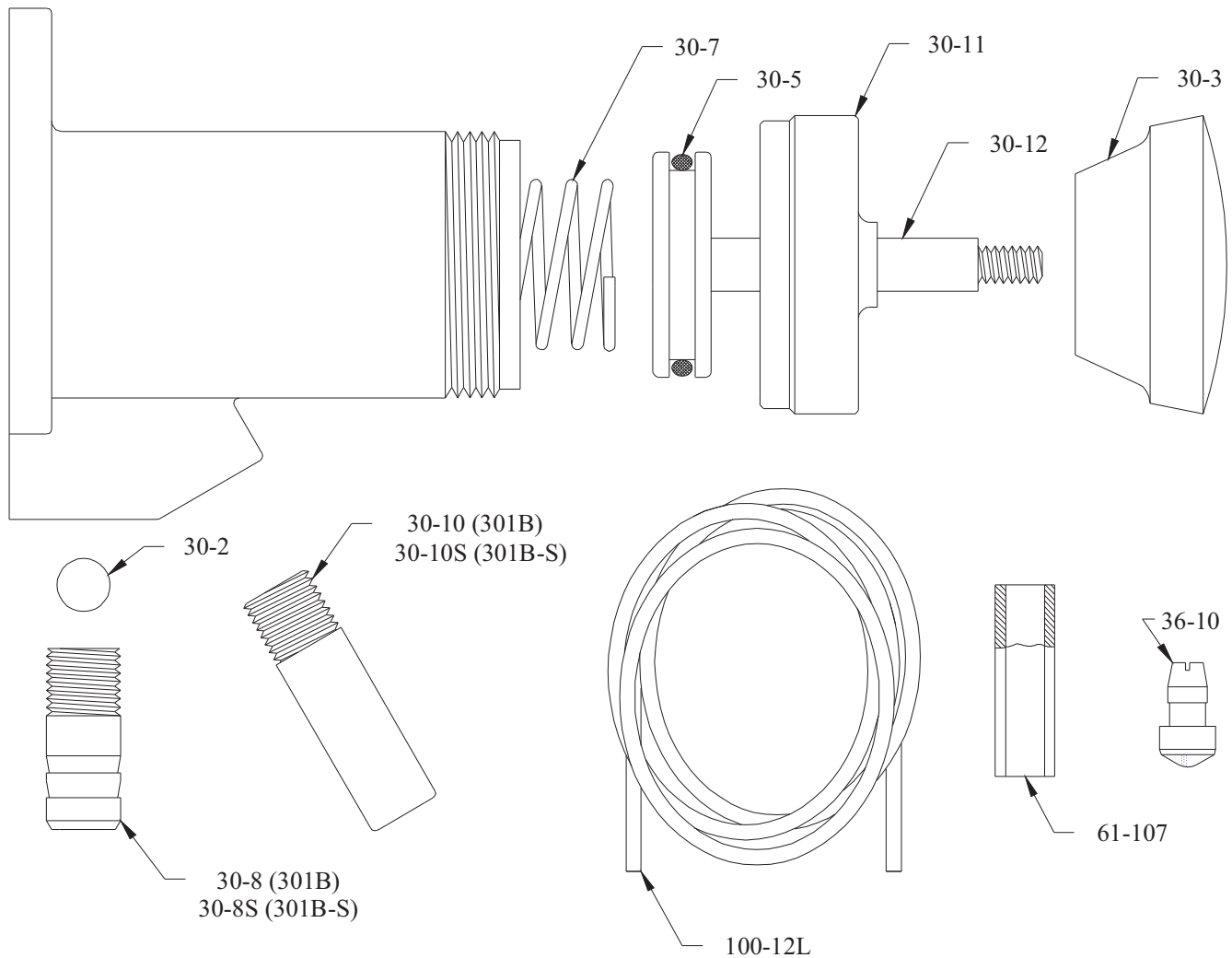
NO.	PART NO.	DESCRIPTION
1	30-7	Spring
2	30-5	O-Ring
3	30-11	Cap
4	30-12	Piston Assembly w/O-Ring
5	30-3	Push Knob
6	30-2	Check Valve Ball
7	30-8	Inlet Fitting (301B)
8	30-8S	Inlet Fitting-Stainless Steel (301B-S)
9	30-10	Outlet Check Valve Assy. (301B)
10	30-10S	Outlet Check Valve Assy.-Stainless Steel (301B-S)
11	100-12L	3/8" ID x 1/2" OD x 8' Lg. Supply Tubing
12	30-23	Weight

SURE-MEASURE DISPENSER, MODEL 301B-C



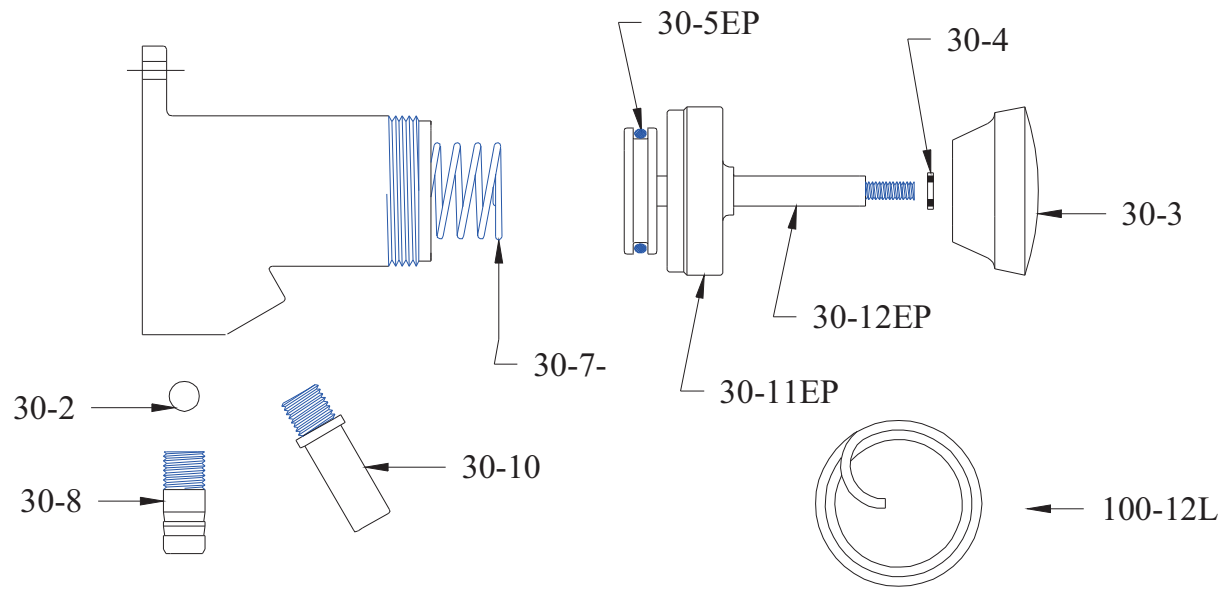
NO.	PART NO.	DESCRIPTION
1	30-7-2	Spring
2	30-5V	O-Ring - Viton
3	30-11	Cap
4	30-12-2	Piston Assy. with O-Ring
5	44-29	Lockwasher
6	30-3-3	Push Knob – Yellow
7	30-2-2	Check Ball Valve
8	30-8-2	Inlet Fitting
9	30-10-2	Outlet Check Valve Assy.
10	100-12L	Supply Tubing, 8' Long

SURE-MEASURE DISPENSER, MODEL 301B-CP



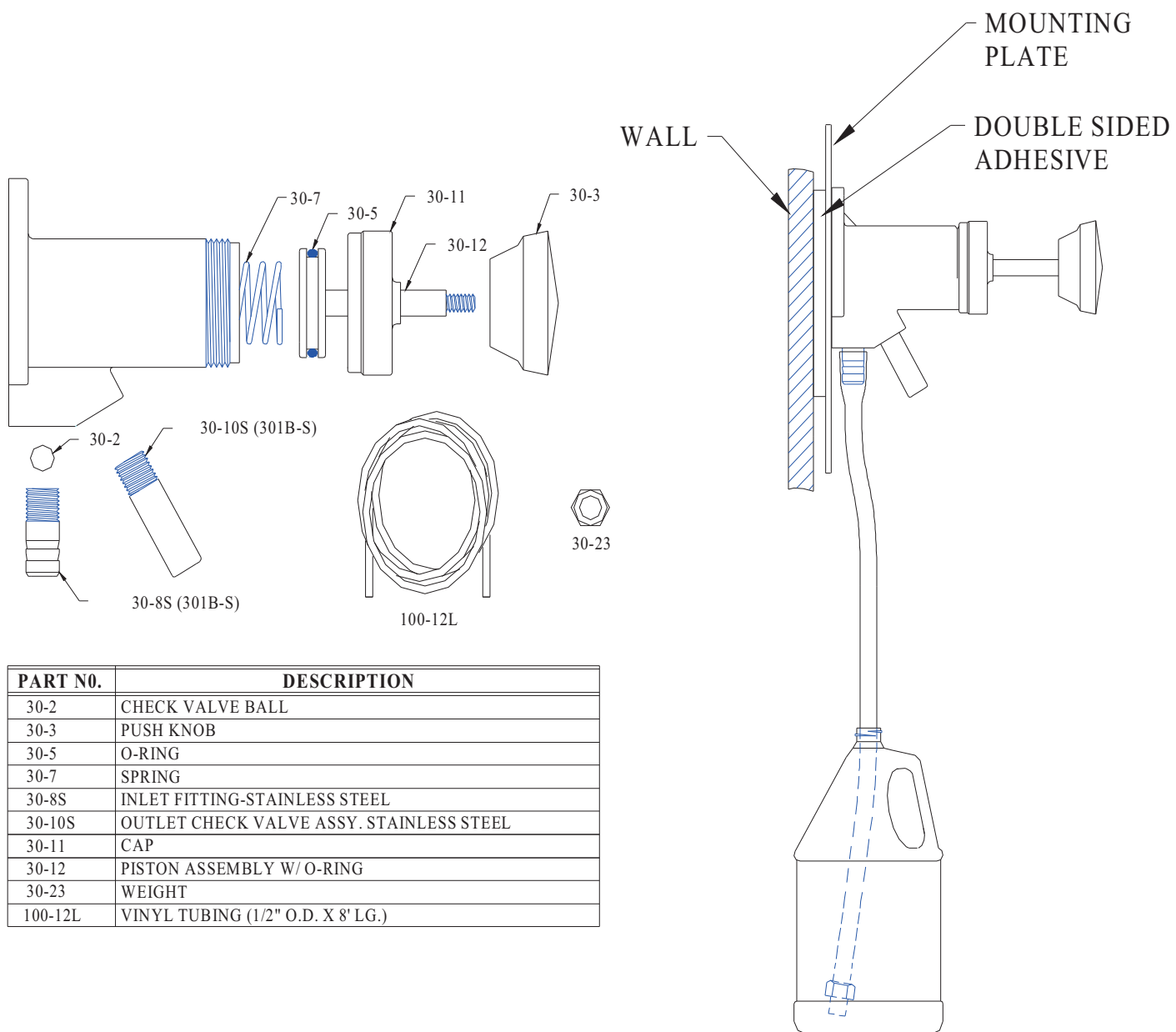
PART NO.	DESCRIPTION
30-2	CHECK VALVE BALL
30-3	PUSH KNOB
30-5	O-RING
30-7	SPRING
30-8	INLET FITTING (301B)
30-8S	INLET FITTING-STAINLESS STEEL
30-10	OUTLET CHECK VALVE ASSY. (301B)
30-10S	OUTLET CHECK VALVE ASSY. STAINLESS STEEL (301B-S)
30-11	CAP
30-12	PISTON ASSEMBLY W/ O-RING
36-10	FOOT VALVE
61-107	CERAMIC WEIGHT
100-12L	VINYL TUBING (1/2" O.D. X 8' LG.)

SURE-MEASURE DISPENSER, MODEL 301B-EP



PART NO.	DESCRIPTION
30-2	CHECK BALL VALVE
30-3	PUSH KNOB
30-4	LOCKWASHER
30-5EP	O-RING
30-7	SPRING
30-8	INLET FITTING
30-10	OUTLET CHECK VALVE ASSY.
30-11EP	CAP
30-12EP	PISTON ASSY WITH O-RING
100-12L	SUPPLY TUBING, 8' LONG

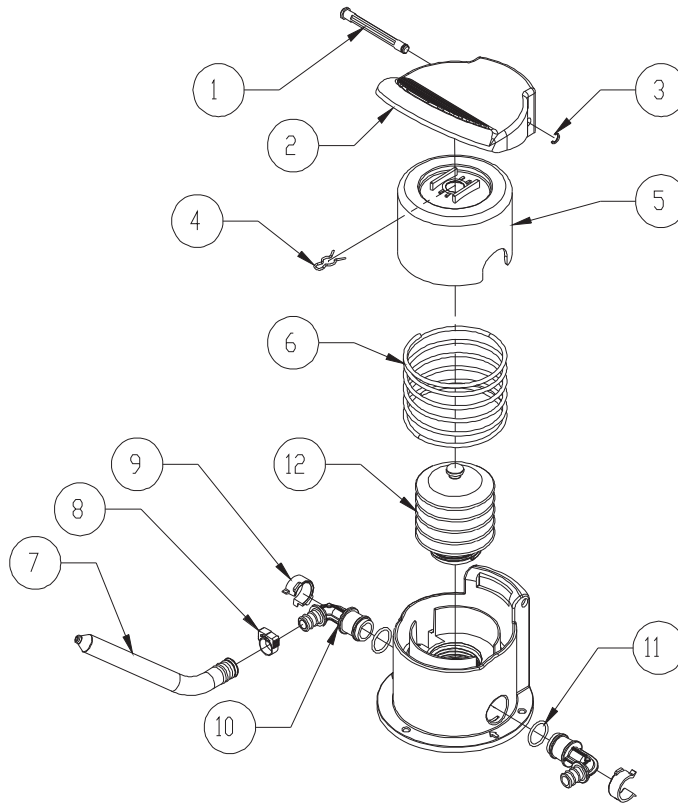
DEMA SURE-MEASURE DISPENSER MODEL 301B-SY



PART NO.	DESCRIPTION
30-2	CHECK VALVE BALL
30-3	PUSH KNOB
30-5	O-RING
30-7	SPRING
30-8S	INLET FITTING-STAINLESS STEEL
30-10S	OUTLET CHECK VALVE ASSY. STAINLESS STEEL
30-11	CAP
30-12	PISTON ASSEMBLY W/ O-RING
30-23	WEIGHT
100-12L	VINYL TUBING (1/2" O.D. X 8' LG.)

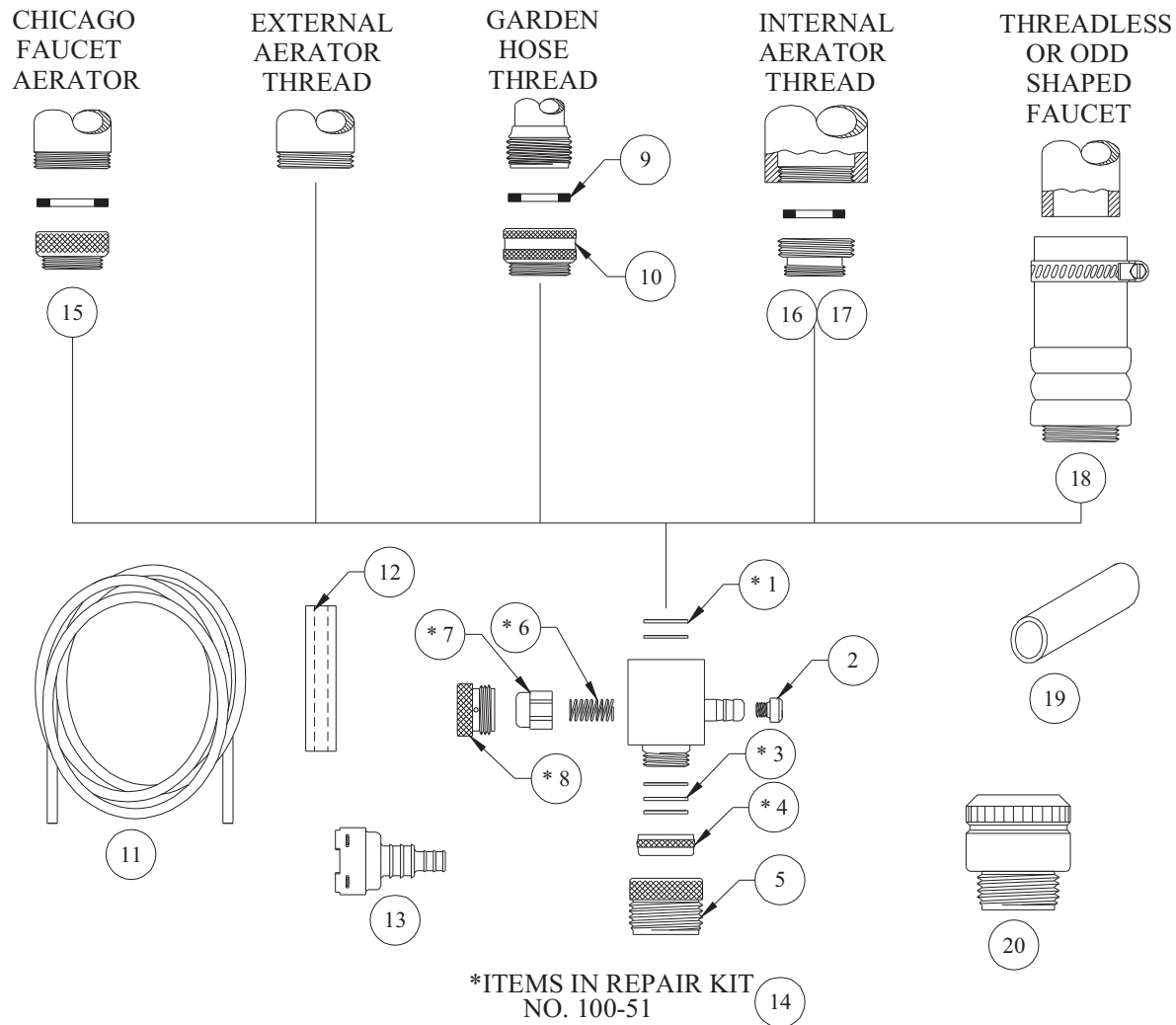
DEMA SURE-MEASURE DISPENSER

MODEL 302-1 (1 fl. oz.), or 302-2 (2 fl. oz.)



NO.	PART NO.	DESCRIPTION
1	30-27	Hinge Pin
2	30-25	Handle
3	30-32	Snap Ring
4	30-33	Hairpin Clip
5	30-26	Cover
6	30-31-1	Spring
7	30-80-1	Spout (optional)
8	16-9-4	Spout Clamp (optional)
9	30-28	Elbow Retainer
10	30-29	Elbow
11	30-35	O-Ring EPDM (black – for 302-1E and 302-2E)
	30-35S	O-Ring Silicone (burnt orange – for 302-1S and 302-2S)
	30-35V	O-Ring Viton (brown – for 302-1V and 302-2V)
12	30-36	Bellows

DEMA 151 FAUCET PROPORTIONER



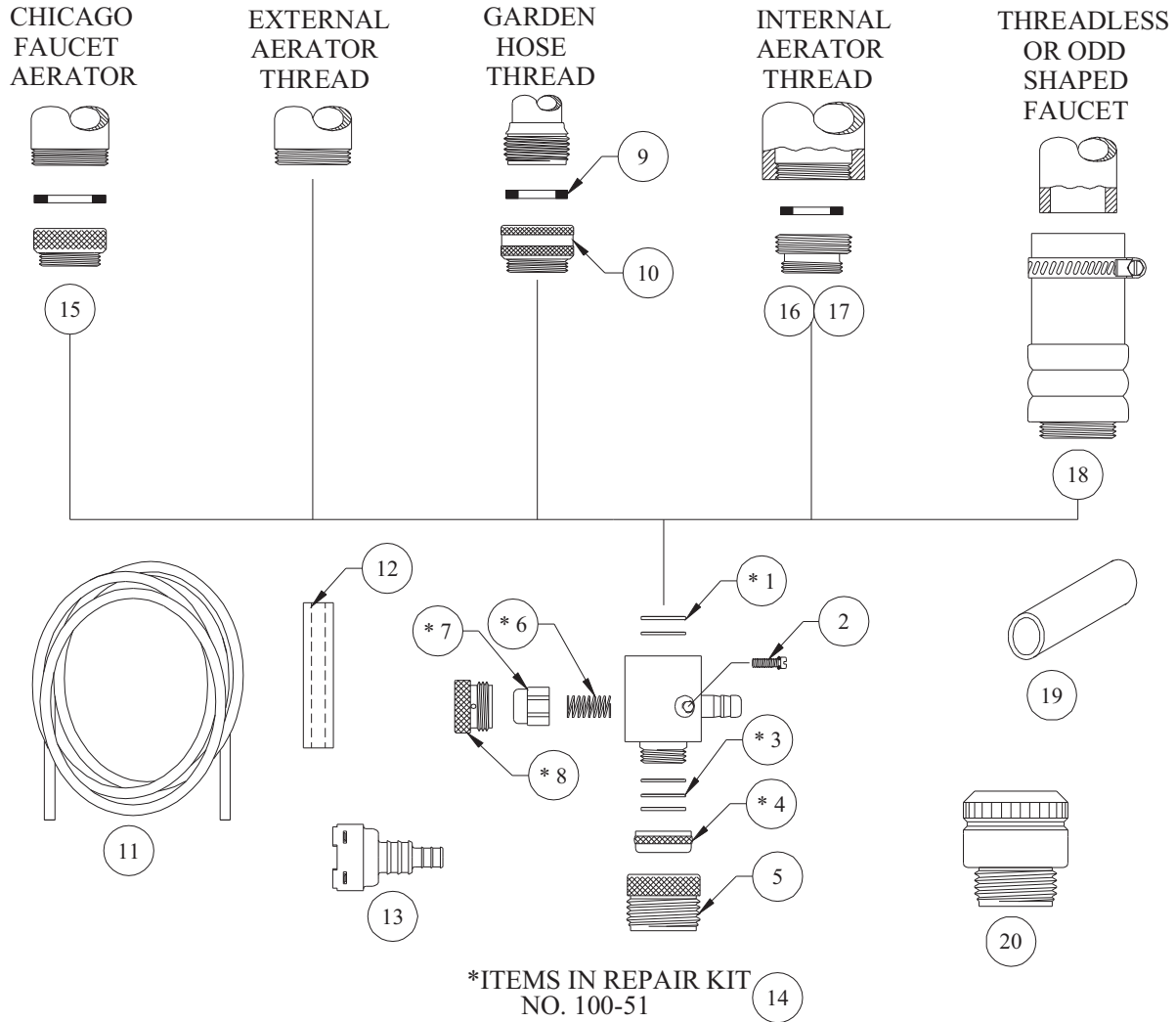
NO.	PART NO.	DESCRIPTION
1 *	100-6	Inlet Washer (2 Req'd.)
2	100-15	Metering Tip (Specify Color)
3 *	100-7	Outlet Screen (3-Req'd.)
4 *	100-8	Outlet Screen Retainer
5	100-10	Outlet Hose Adapter
6 *	100-29	Button Spring
7 *	100-26	Push Button
8 *	100-28	Button Retainer
9	150-6	Adapter Washer
10	150-10	Hose Thread Adapter w/Washer
11	100-12	1/4" ID x 8' Lg. Supply Tubing
12	61-107-2	Ceramic Weight

NO.	PART NO.	DESCRIPTION
13	100-16E	Foot Valve
14	100-51	Repair Kit

NO.	PART NO.	DESCRIPTION
15	150-23	Outside Chicago Thread Adapter
16	150-21	Inside Aerator Thread Adapter
17	150-32	Inside Kohler Thread Adapter
18	150-9-2	Irregular Faucet Adapter
19	100-14M	Coupling For 1/4" ID x 8' Lg. Tubing
20	34-22	Backflow Preventer

DEMA 152

FAUCET PROPORTIONER

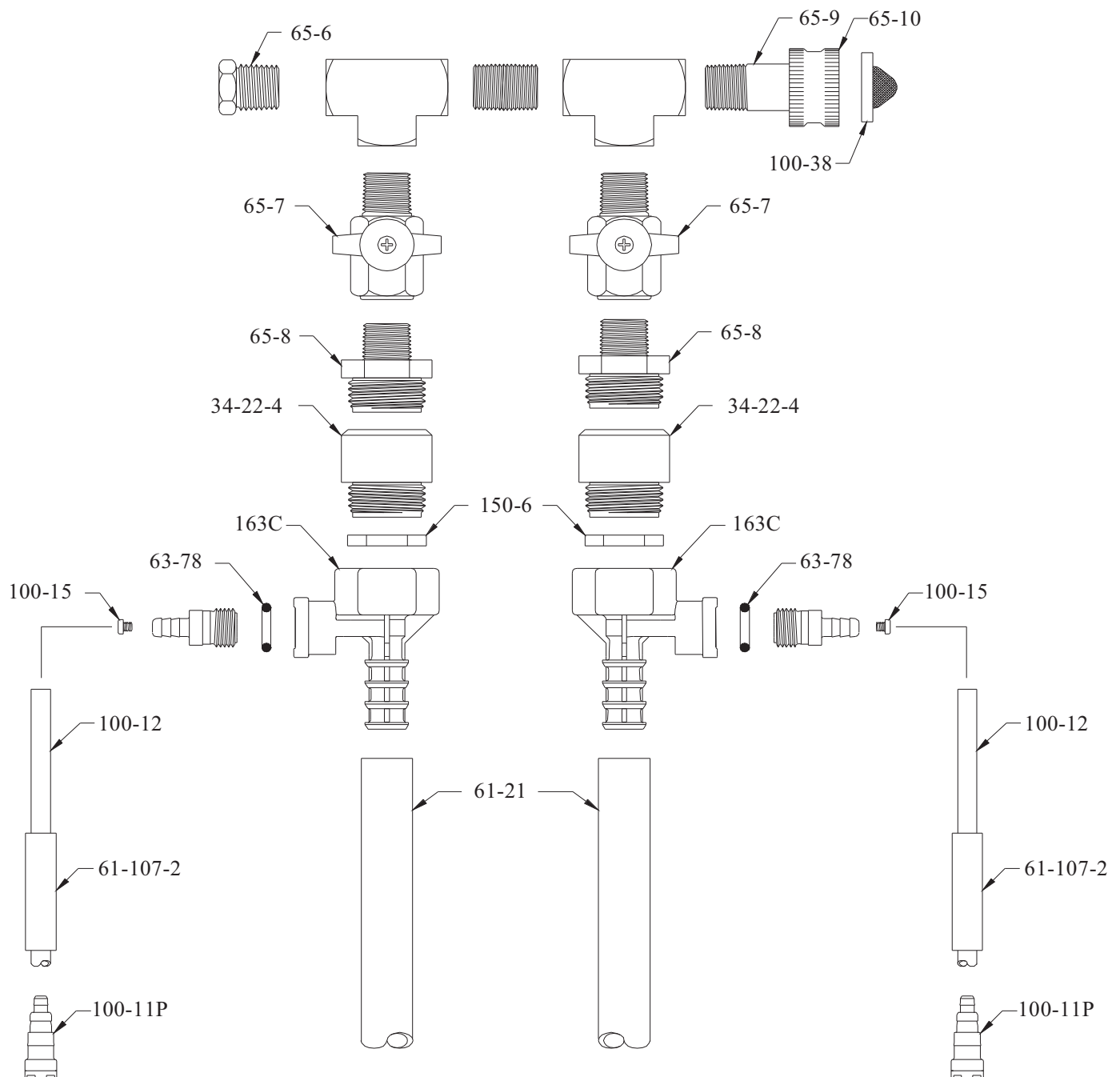


NO.	PART NO.	DESCRIPTION
1 *	100-6	Inlet Washer (2 Reqd.)
2	100-24	Metering Screw (w/O-Ring)
3 *	100-7	Outlet Screen (3-Reqd.)
4 *	100-8	Outlet Screen Retainer
5	100-10	Outlet Hose Adapter
6 *	100-29	Button Spring
7 *	100-26	Push Button
8 *	100-28	Button Retainer
9	150-6	Adapter Washer
10	150-10	Hose Thread Adapter w/Washer
11	100-12	¼" ID x 8' Lg. Supply Tubing
12	61-107-2	Ceramic Weight

NO.	PART NO.	DESCRIPTION
13	100-16E-1	Foot Valve
14	100-51	Repair Kit

NO.	PART NO.	DESCRIPTION
15	150-23	Outside Chicago Thread Adapter
16	150-21	Inside Aerator Thread Adapter
17	150-32	Inside Kohler Thread Adapter
18	150-9-2	Irregular Faucet Adapter
19	100-14M	Coupling For ¼" ID x 8' Lg. Tubing
20	34-22	Backflow Preventer

DEMA 652-163 DUO-FEED

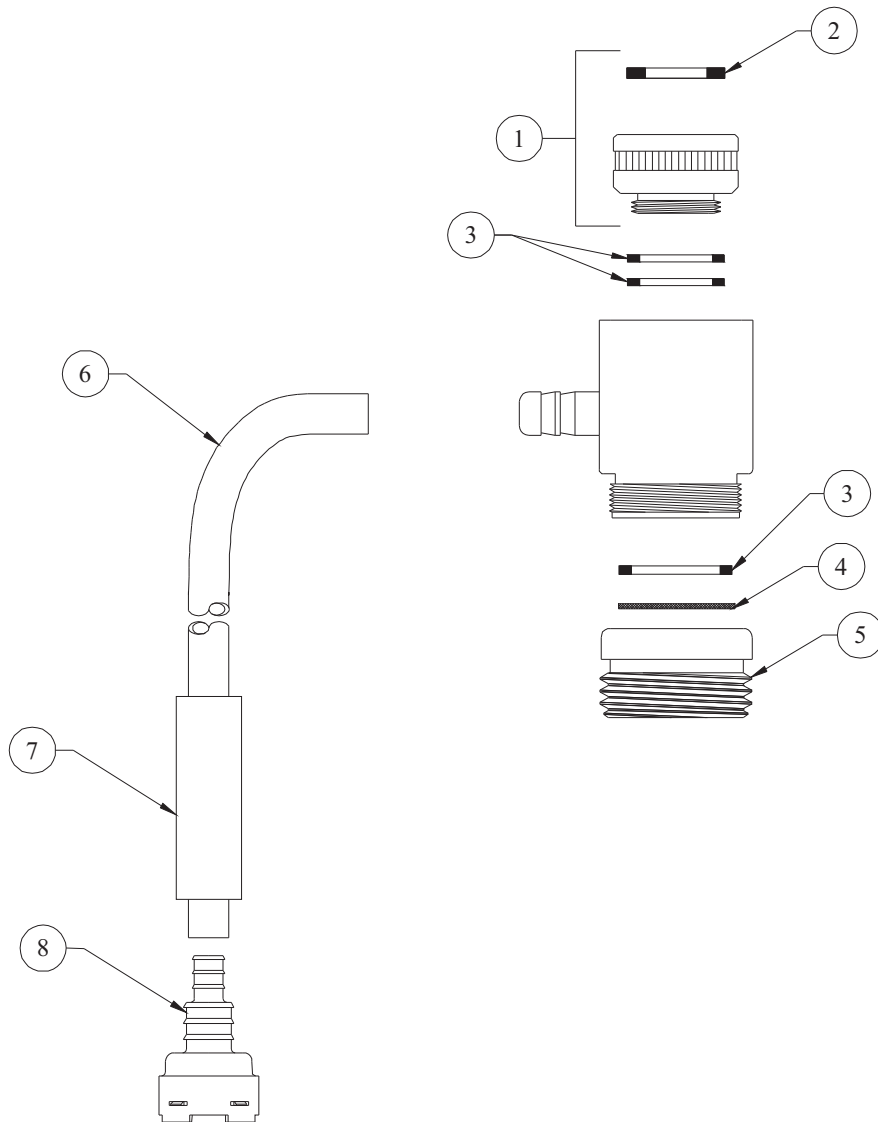


PART NO.	DESCRIPTION
34-22-4	VACUUM BREAKER
61-21	VINYL TUBE (1/2 I.D. X 6' LG.)
61-107-2	CERAMIC WEIGHT (1/4" TUBE)
65-6	PLUG
65-7	1/4" BALL VALVE
65-8	ADAPTER
65-9	SWIVEL ADAPTER

PART NO.	DESCRIPTION
65-10	GARDEN HOSE ADAPTER
100-11P	FOOT VALVE
100-12	VINYL TUBE (1/4" I.D. X 8' LG.)
100-38	STRAINER WASHER
150-6	WASHER
163C	4 GPM PROPORTIONER

ACCESSORIES	100-15K	METERING TIP KIT-14 SIZES (1/4" BARB)
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DEMA Model 152N PROPORTIONER



NO.	PART NO.	DESCRIPTION
1	150-10	Faucet Adapter W/ Washer
2	150-6	Rubber Washer
3	100-6	Rubber Washer
4	100-7	Screen
5	100-10-3	Hose Adapter
6	100-12	¼" ID X 8' Tubing LG
7	61-107-2	Ceramic Weight
8	100-16E 100-16S 100-16V	Foot Valve – EPDM (Standard) Foot Valve – Silicon Foot Valve – Viton

DEMA 153

FAUCET PROPORTIONER

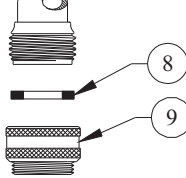
CHICAGO
FAUCET
AERATOR



EXTERNAL
AERATOR
THREAD



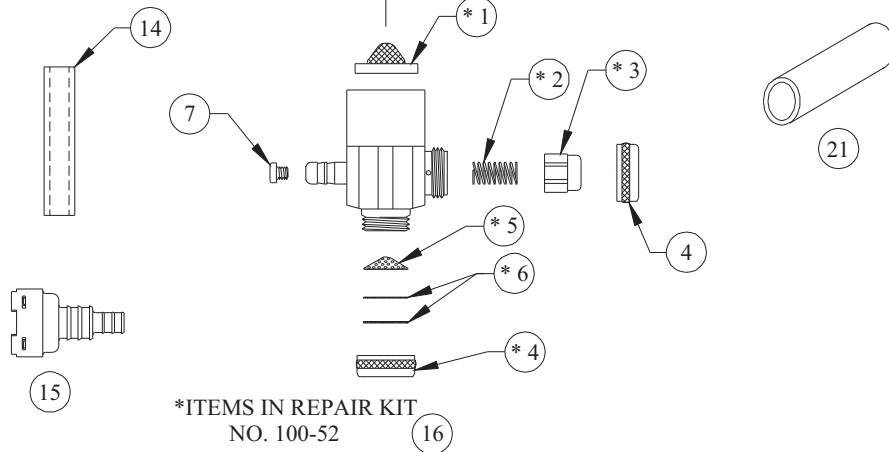
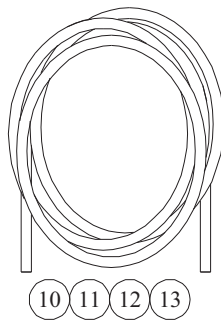
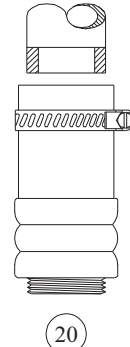
GARDEN
HOSE
THREAD



INTERNAL
AERATOR
THREAD



THREADLESS
OR ODD
SHAPED
FAUCET



*ITEMS IN REPAIR KIT
NO. 100-52

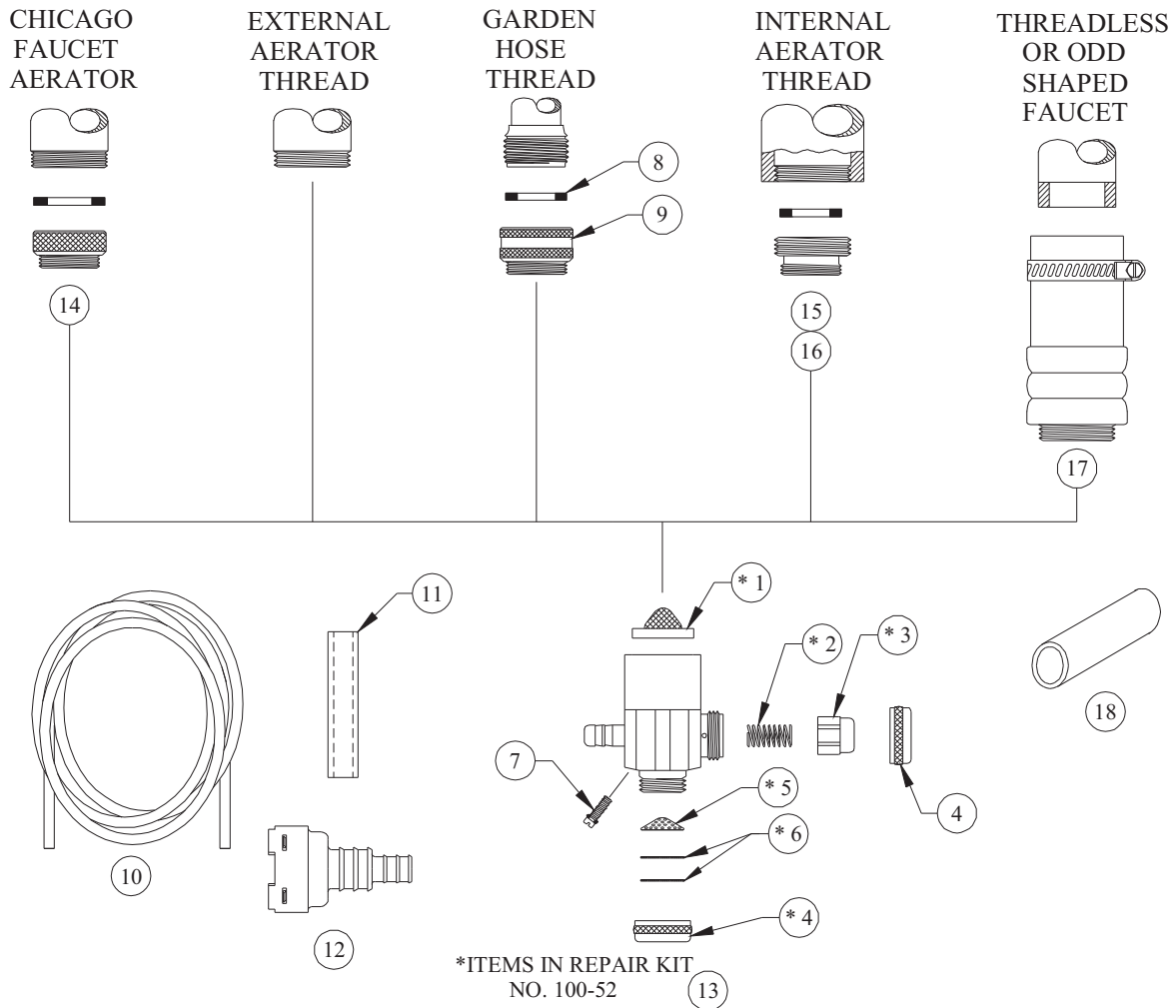
NO.	PART NO.	DESCRIPTION
1 *	150-34	Inlet Screen Washer
2 *	100-29	Button Spring
3 *	100-26	Push Button
4	100-36	Button Retainer
5 *	100-33	Outlet Screen (Conical)
6 *	100-19	Outlet Screen (Flat) (2 Req'd)
7 *	100-15	Metering Tip (Specify Color)
8 *	150-6	Adapter Washer
9	150-10	Hose Thread Adapter w/Washer
10	100-12	7/32" ID x 3/8"OD x 8' Lg. Supply Tubing
11	100-12E	7/32" ID x 3/8"OD x 50' Lg. Supply Tubing
12	100-12L	3/8" ID x 1/2"OD x 8' Lg. Supply Tubing

NO.	PART NO.	DESCRIPTION
13	100-12LE	3/8" ID x 1/2"OD x 50' Lg. Supply Tubing
14	61-107-2	Ceramic Weight
15	100-16E	Foot Valve
16	100-52	Repair Kit

NO.	PART NO.	DESCRIPTION
17	150-23	Outside Chicago Thread Adapter
18	150-21	Inside Aerator Thread Adapter
19	150-32	Inside Kohler Thread Adapter
20	150-9-2	Irregular Faucet Adapter
21	100-14M	Coupling For 1/4" ID x 8' Lg. Tubing

DEMA 154

FAUCET PROPORTIONER



*ITEMS IN REPAIR KIT
NO. 100-52

NO.	PART NO.	DESCRIPTION
1 *	150-34	Inlet Screen Washer
2 *	100-29	Button Spring
3 *	100-26	Push Button
4 *	100-36	Button Retainer (1 in Repair Kit Only)
5 *	100-33	Outlet Screen (Conical)
6 *	100-19	Outlet Screen (Flat) (2 Req'd)
7 *	100-24	Metering Screw
8 *	150-6	Adapter Washer
9	150-10	Hose Thread Adapter w/Washer
10	100-12	7/32" ID x 3/8" OD x 8' Lg. Supply Tubing

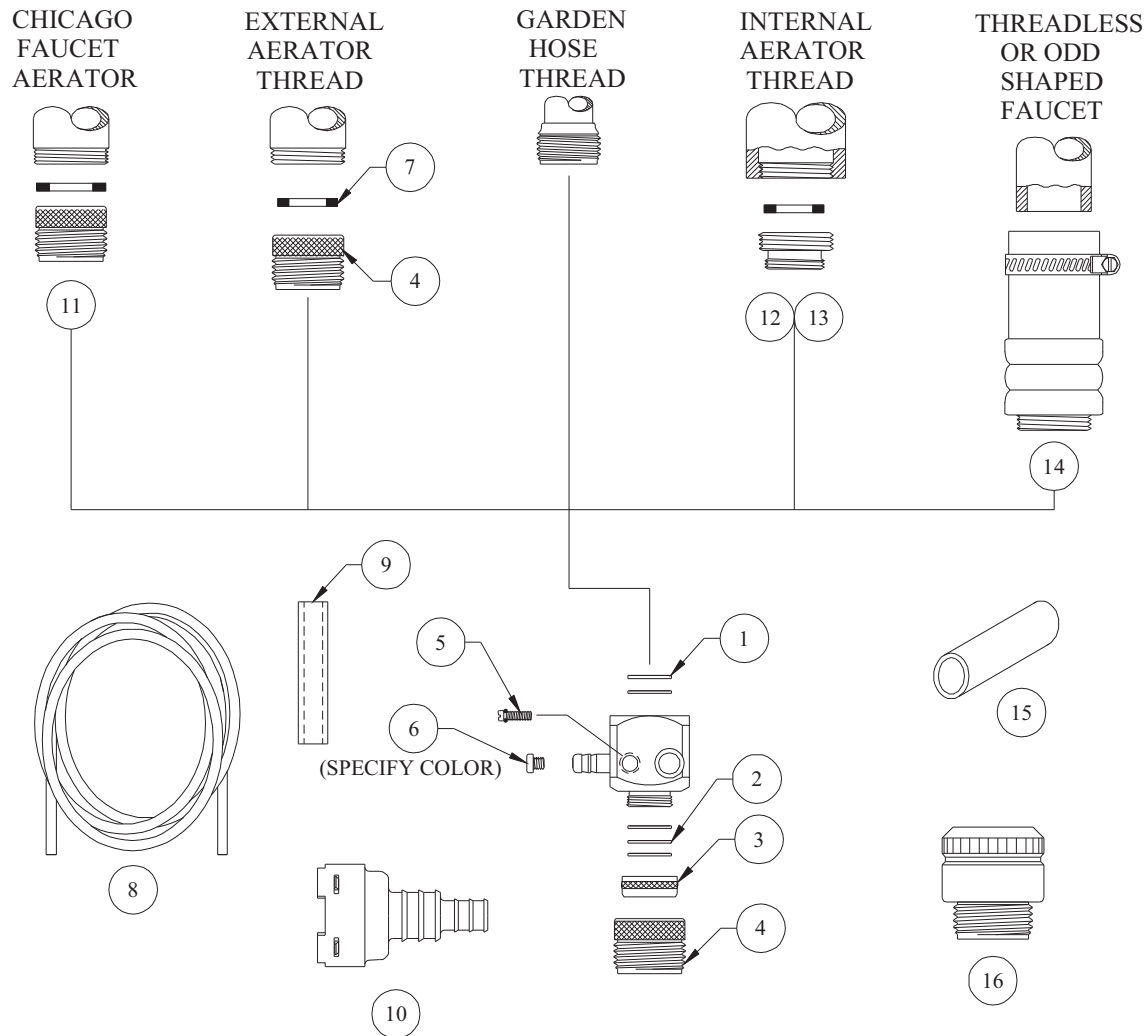
NO.	PART NO.	DESCRIPTION
11	61-107-2	Ceramic Weight
12	100-16E-1	Foot Valve
13	100-52	Repair Kit

ACCESSORIES

NO.	PART NO.	DESCRIPTION
14	150-23	Outside Chicago Thread Adapter
15	150-21	Inside Aerator Thread Adapter
16	150-32	Inside Kohler Thread Adapter
17	150-9-2	Irregular Faucet Adapter
18	100-14M	Coupling For 1/4" ID x 8' Lg. Tubing

DEMA PROPORTIONER

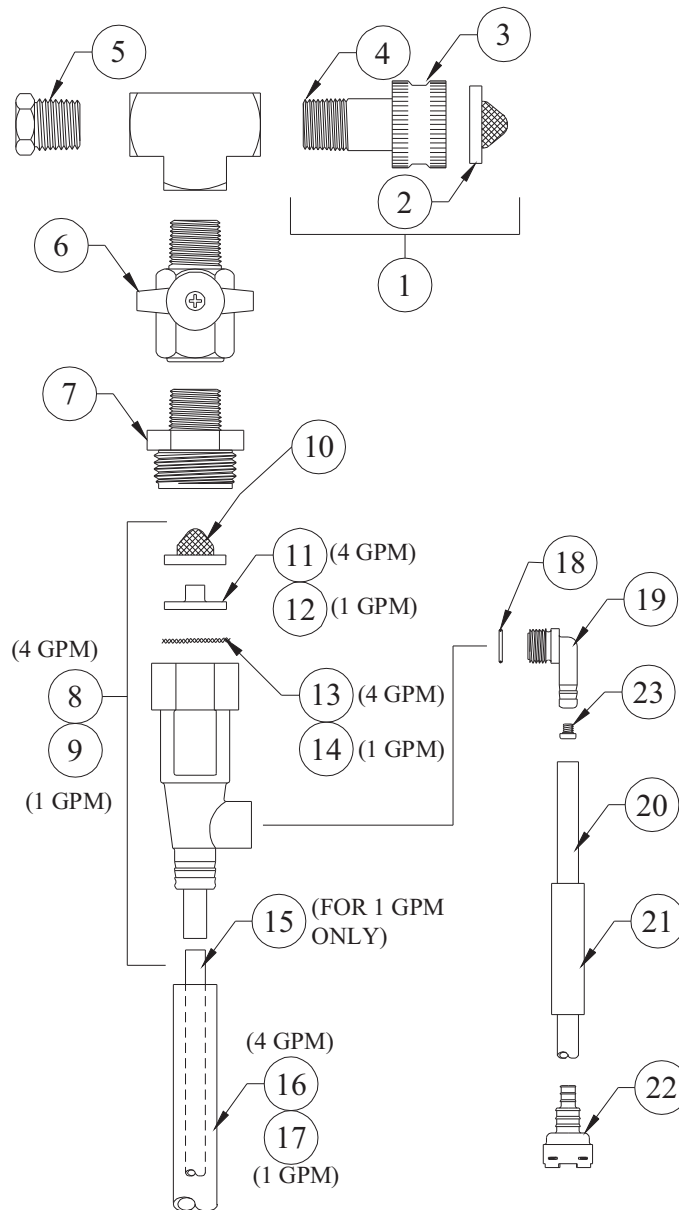
MODEL 167 & 167T



NO.	PART NO.	DESCRIPTION
1	100-3	Inlet Washer (2-Reqd.)
2	100-7	Priming Screens (1 To 3 Needed)
3	100-8	Screen Retainer
4	100-10	Adapter
5	100-24	Metering Screw
6	100-15	Metering Tip
7	150-6	Adapter Washer
8	100-12	7/32" ID x 3/8" OD x 8' Lg. Supply Tubing
9	61-107-2	Ceramic Weight (1/4" ID x 3/8" OD Tubing)
10	100-16E	Foot Valve

ACCESSORIES		
NO.	PART NO.	DESCRIPTION
11	150-23	Outside Chicago Thread Adapter
12	150-21	Inside Aerator Thread Adapter
13	150-32	Inside Kohler Thread Adapter
14	150-9-2	Irregular Faucet Adapter
15	100-14M	Coupling For 1/4" ID x 8' Lg. Tubing
16	34-22	Backflow Preventer

DEMA 651AG SINGLE-FEED



NO.	PART NO.	DESCRIPTION
1.	65-11	Swivel Adapter Kit
2.	100-38	Strainer Washer
3.	65-10	Hose Coupling
4.	65-9	Garden Hose Adapter Stem
5.	65-6	Plug
6.	65-7	1/4" Ball Valve
7.	65-8	Adapter
8.	61-22BAG	4 GPM Proportioner (1/4" Barb)
9.	61-32BAG	1 GPM Proportioner (1/4" Barb)
10.	100-59	Strainer Washer
11.	63-73	Nozzle (4 GPM)

NO.	PART NO.	DESCRIPTION
12.	63-74-2	Nozzle (1 GPM)
13.	63-76	Screen (4 GPM)
14.	63-77	Screen (1 GPM)
15.	63-82	Vinyl Tube (3/16 I.D. X 7" Lg.)
16.	63-83	Vinyl Tube (9/16 I.D. X 6' Lg.)
17.	63-140	Vinyl Tube' (9/16 I.D. X 4" Lg.)
18.	63-78	O-Ring
19.	63-79	Inlet Barb (1/4" Barb)
20.	100-12	Vinyl Tube (1/4" I.D. X 8' Lg.)
21.	61-107-2	Ceramic Weight (1/4" Tube)
22.*	100-16E-	Foot Valve

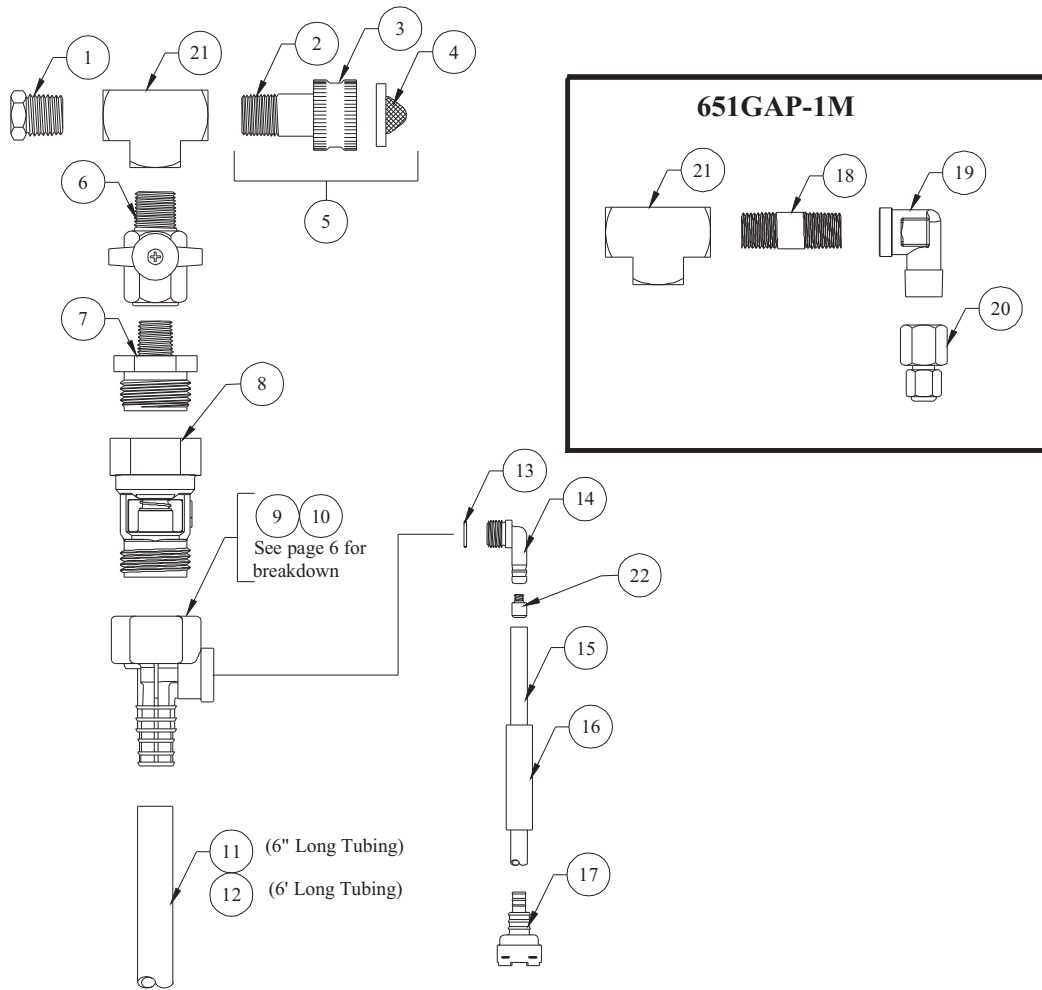
ACCESSORIES

NO.	PART NO.	DESCRIPTION
23.	100-15K	Metering Tip Kit-14 Sizes (1/4" Barb)

*Foot Valve also available with silicone (100-16S-) or Viton (100-16V-) rubber seals. Please specify material when ordering.

DEMA SINGLE-FEED

MODEL: 651GAP, 651GAP-1 & 651GAP-1M

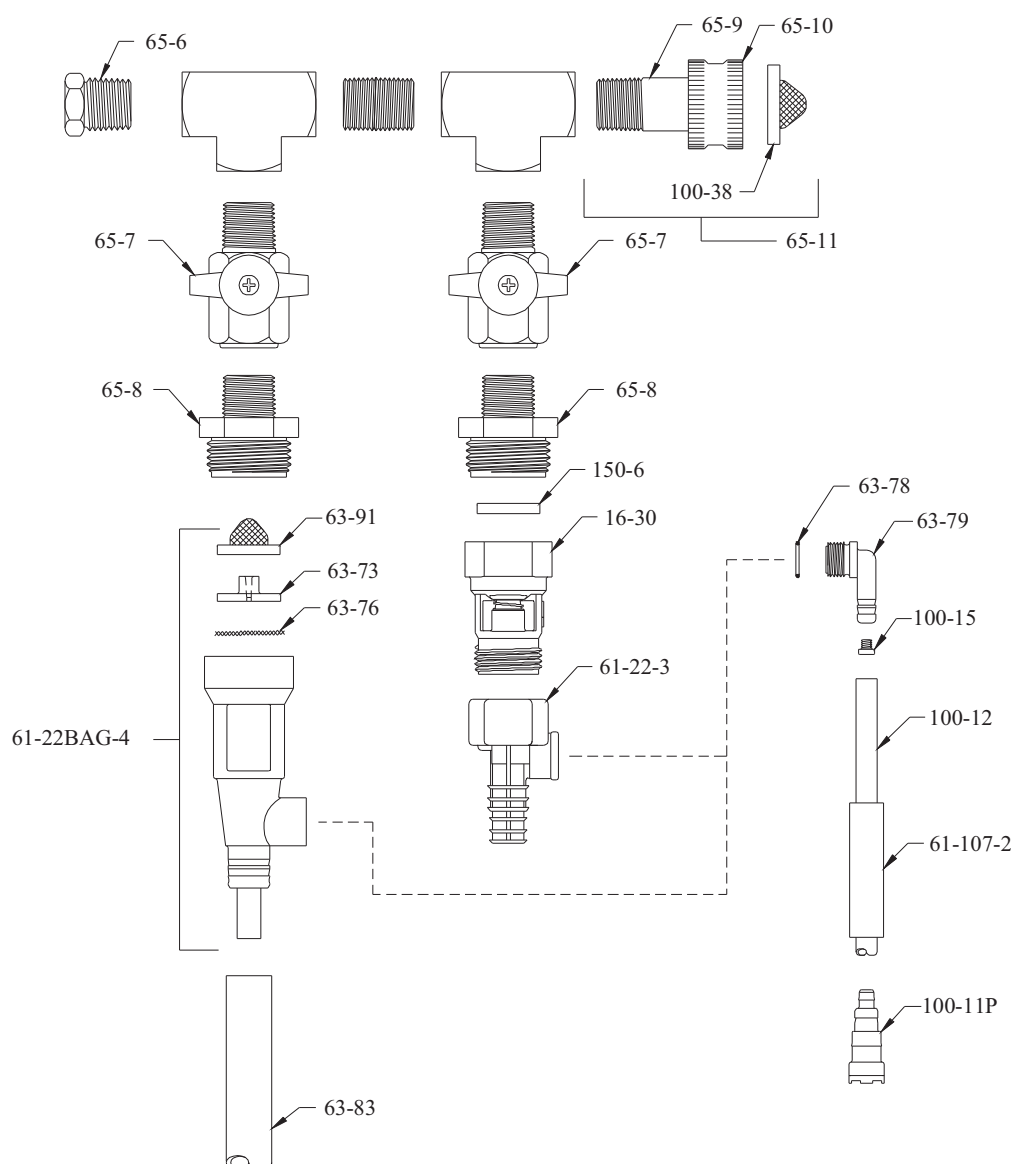


NO.	PART NO.	DESCRIPTION
1	65-4	Plug 1/4" NPT
2	65-17-2	Swivel Adapter 1/4" NPT X Hex Broach
3	65-10	Hose Coupling
4	100-38	Strainer Washer
5	65-5	Swivel Adapter Kit GHFT X 1/4" NPT
6	65-7	1/4" Ball Valve
7	61-122-2	Adapter G.H. X 1/4" NPT
8	16-30	Action Gap Assembly
9	61-22-3	4 GPM Proportioner (1/4" Barb) – 651GAP
10	61-99-2	1 GPM Proportioner (1/4" Barb) – 651GAP-1

NO.	PART NO.	DESCRIPTION
11	16-3-6	1/2" ID X 6" Lg. Vinyl Outlet Tube (1 GPM Only)
12	61-21	1/2" ID X 6' Lg. Vinyl Outlet Tube (4 GPM Only)
13	63-78	O-Ring
14	63-79	Inlet Barb (1/4" Barb)
15	100-12	1/4" ID X 8' Lg. Vinyl Supply Tubing
16	61-107-2	Ceramic Weight (1/4" Tube)
17	100-16E	Foot Valve
18	25-137-12U	Nipple
19	61-121	Elbow 1/4" St. Plated.
20	25-51-12	Compression Fitting
21	65-30-1	1/4" NPT Pipe Thread

ACCDESSORIES		
NO.	PART NO.	DESCRIPTION
22	100-15K	Metering Tip Kit (14 Sizes) (1/4" Barb)

DEMA 652 DUO-FEED

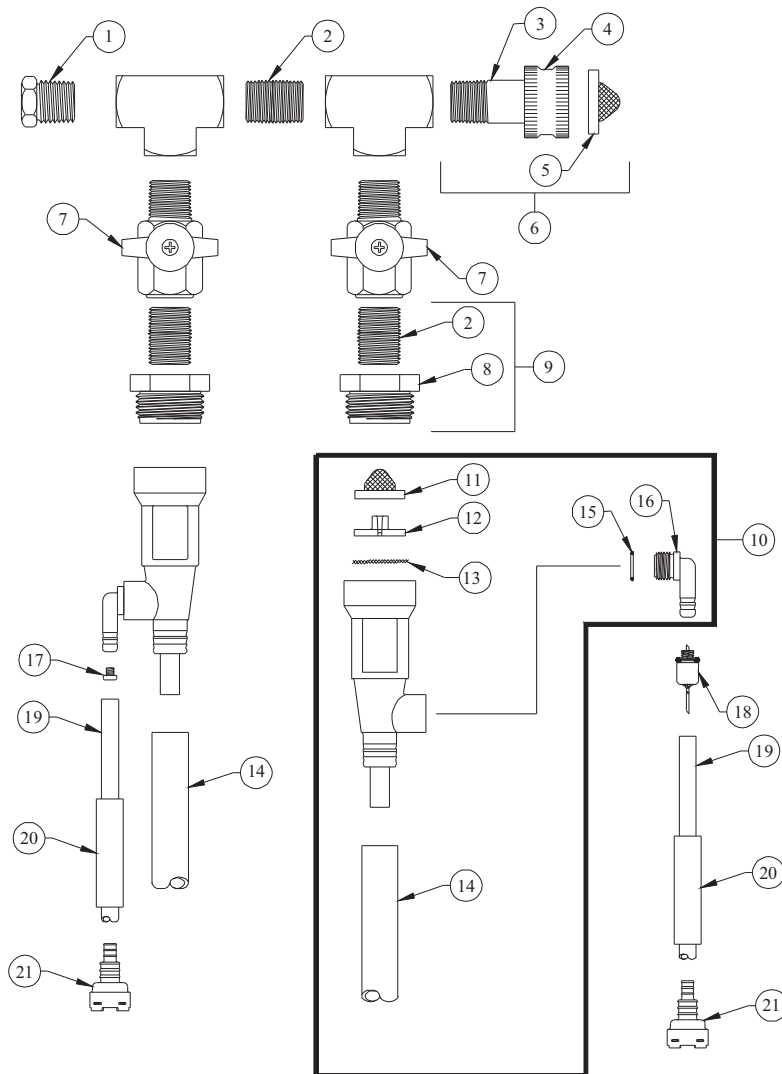


PART NO.	DESCRIPTION
61-22-3BAG	4 GPM (1/4" BARB) PROPORTIONER
61-107-2	CERAMIC WEIGHT (1/4" TUBE)
63-73	NOZZLE (4 GPM)
63-76	SCREEN
63-78	O-RING
63-79	INLET BARB (1/4" BARB)
63-83	VINYL TUBE (9/16 I.D. X 6' LG.)
63-91	STRAINER WASHER
65-6	PLUG
65-7	1/4" BALL VALVE

PART NO.	DESCRIPTION
65-8	ADAPTER
65-9	GARDEN HOSE ADAPTER STEM
65-10	HOSE COUPLING
65-11	SWIVEL ADAPTER KIT
100-11P	FOOT VALVE
100-12	VINYL TUBE (1/4" I.D. X 8' LG.)
100-38	STRAINER WASHER
61-22-3	4-GPM (1/4" BARB) PROPORTIONER
150-6	RUBBER WASHER
16-30	ACTION GAP ASSEMBLY

ACCESSORIES	100-15K	METERING TIP KIT-14 SIZES (1/4" BARB)
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DEMA 652AG-K DUAL DISPENSER



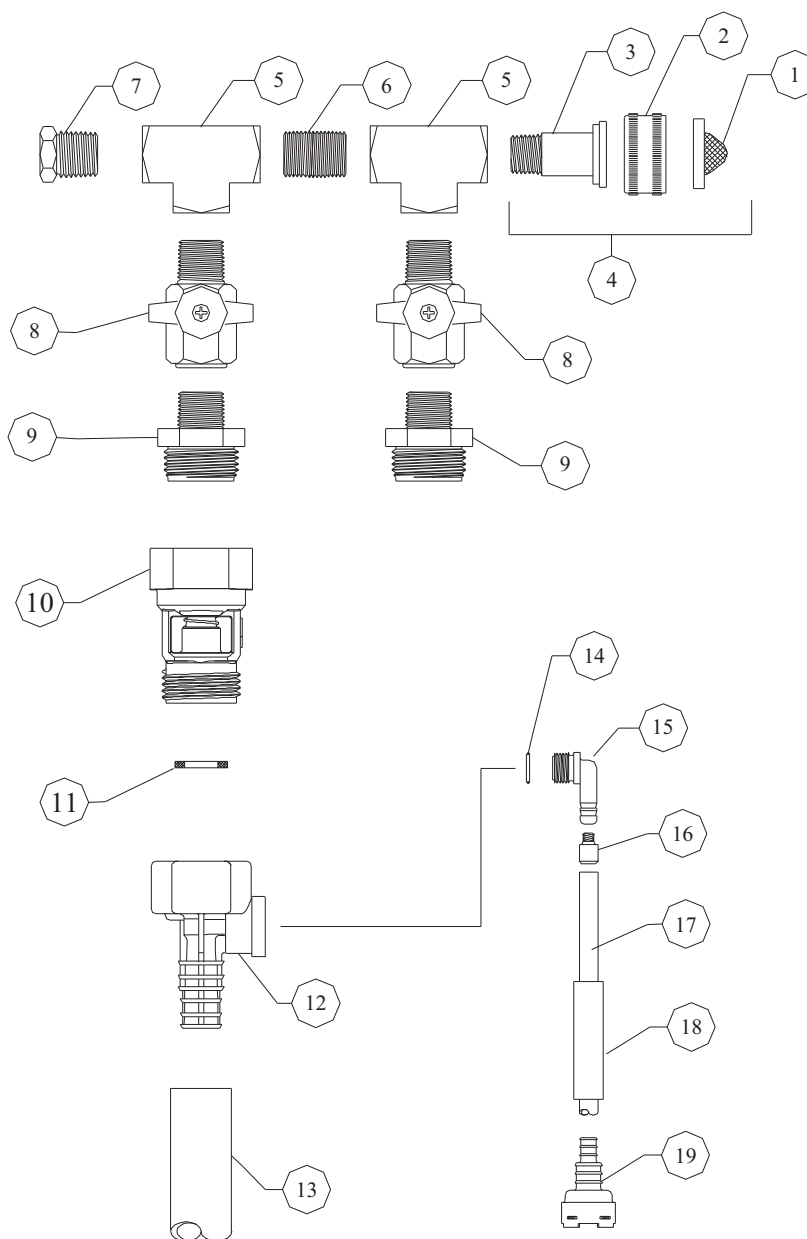
NO.	PART NO.	DESCRIPTION
1	65-6	Plug
2	25-137-6U	Pipe Nipple (Unplated)
3	65-17-2	Garden Hose Adapter 1/4"
4	65-10	Hose Coupling
5	100-38	Strainer Washer
6	65-11	Swivel Adapter Kit
7	65-7	1/4" Ball Valve
8	65-31-3U	1/4" FPTx3/4" MGHT Adapter
9	65-21K-1	Pipe Nipple & Adapter Kit
10	61-22-3BAG	4GPM (1/4" Barb) Prop.
11	100-59	Strainer Washer

NO.	PART NO.	DESCRIPTION
12	63-73	Nozzle (4 GPM)
13	63-76	Screen
14	63-83	Vinyl Tube (9/16 I.D.x6'LG.)
15	63-78	O-Ring
16	63-79	Inlet Barb (1/4" Barb)
17	100-15-1 100-15K	Orange Metering Tip (1/4") Metering Tip Kit (14 Pieces)
18	44-61P	Capillary Metering Tip
19	100-12	Clear Vinyl Tube (1/4" I.D. x 8')
20	61-107-2	Ceramic Weight (1/4" ID Tube)
21	100-16E	Foot Valve

DEMA DUAL SINK DISPENSER

MODEL: 652GAP & 652GAP-2M

MODEL: 652GAP

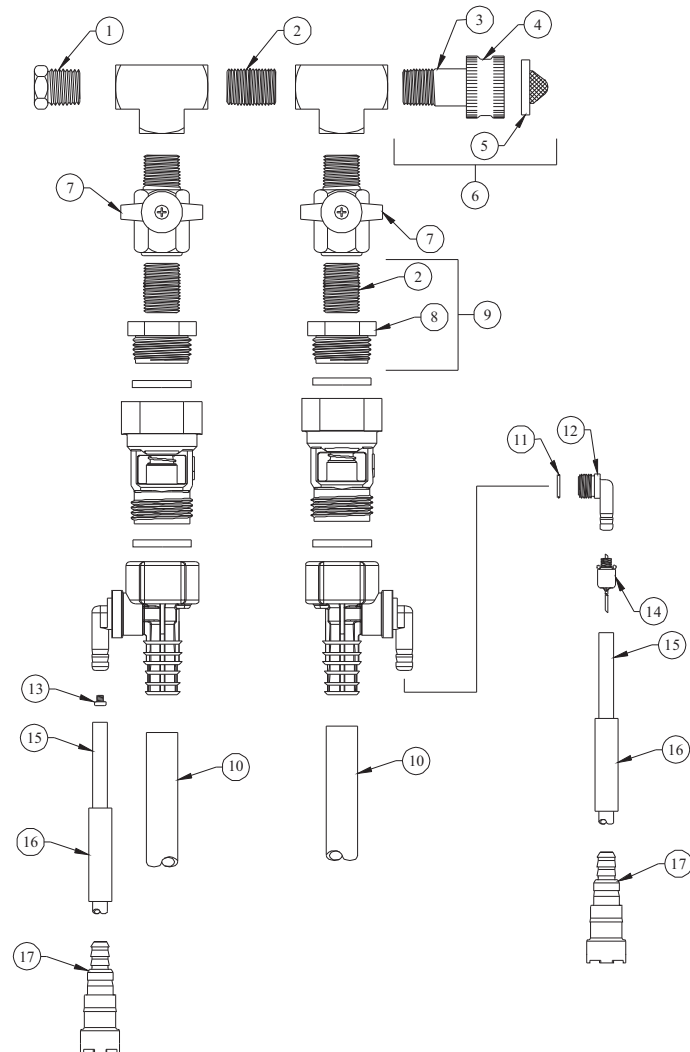


NO.	PART NO.	DESCRIPTION
1	100-38	Strainer Washer
2	65-10	Hose Coupling
3	65-17-2	Hose Adapter Stem
4	65-11	Swivel Adapter Kit
5	65-30-1	1/4" NPT Pipe Tee
6	25-137-6U	1/4" NPT Close Nipple
7	65-6	Plug – 1/4" NPT
8	65-7	1/4" NPT Ball Valve
9	61-122-2	Adapter MGHT X 1/4" MGHT
10	16-30	Action Gap Assembly

NO.	PART NO.	DESCRIPTION
11	150-6	Rubber Washer
12	61-22-3	4 GPM Proportioner – 1/4" Inlet Barb
13	61-21	1/2" ID X 6' Lg. Vinyl Tubing
14	63-78	O-Ring
15	63-79	Inlet Barb (1/4" Barb)
16	100-15K	Metering Tip Kit-14 Sizes (1/4" Barb)
17	100-12	1/4" ID X 8' Lg. Vinyl Tubing
18	61-107-2	Ceramic Weight
19*	100-16E	Foot Valve

*Foot Valve also available with silicone (100-16S-1) or Viton (100-16V-1) rubber seals. Please specify material when ordering.

DEMA 652GAP-K DUAL DISPENSER



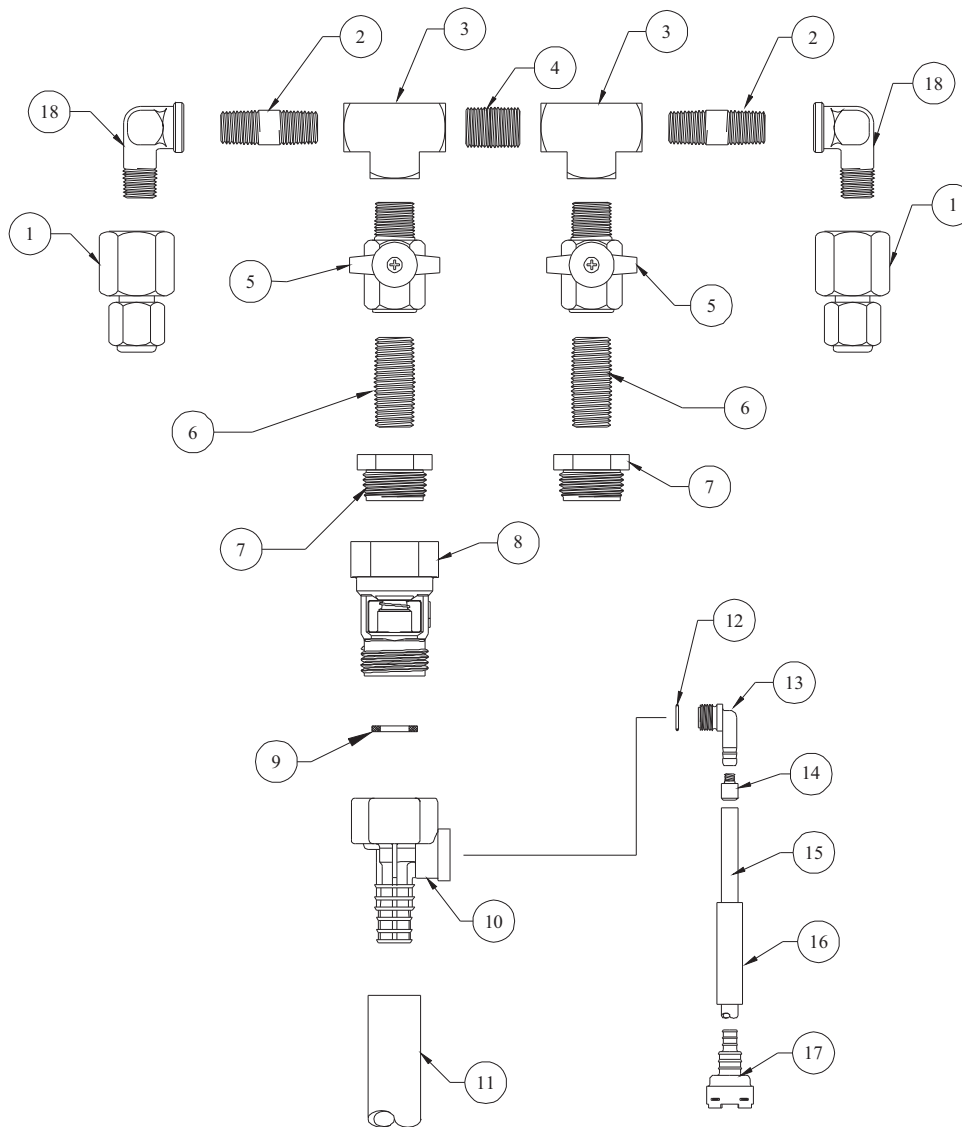
NO.	PART NO.	DESCRIPTION
1	65-6	Plug
2	25-137-6U	Pipe Nipple (Unplated)
3	65-17-2	Garden Hose Adapter 1/4"
4	65-10	Hose Coupling
5	100-38	Strainer Washer
6	65-11	Swivel Adapter Kit
7	65-7	1/4" Ball Valve
8	65-31-3U	1/4" FPTx3/4" MGHT Adapter
9	65-21K-1	Pipe Nipple & Adapter Kit
10	61-21	Vinyl Tube (1/2" I.D. x 6' LG.)
11	63-78	O-Ring

NO.	PART NO.	DESCRIPTION
12	63-79	Inlet Barb (1/4" Barb)
13	100-15-1 100-15K	Orange Metering Tip (1/4") Metering Tip Kit (14 Pieces)
14	44-61P	Capillary Metering Tip
15	100-12	Clear Vinyl Tube (1/4" I.D. x 8')
16	61-107-2	Ceramic Weight (1/4" ID Tube)
17	100-11P	Foot Valve

DEMA DUAL SINK DISPENSER

MODEL: 652GAP & 652GAP-2M

MODEL: 652GAP-2M

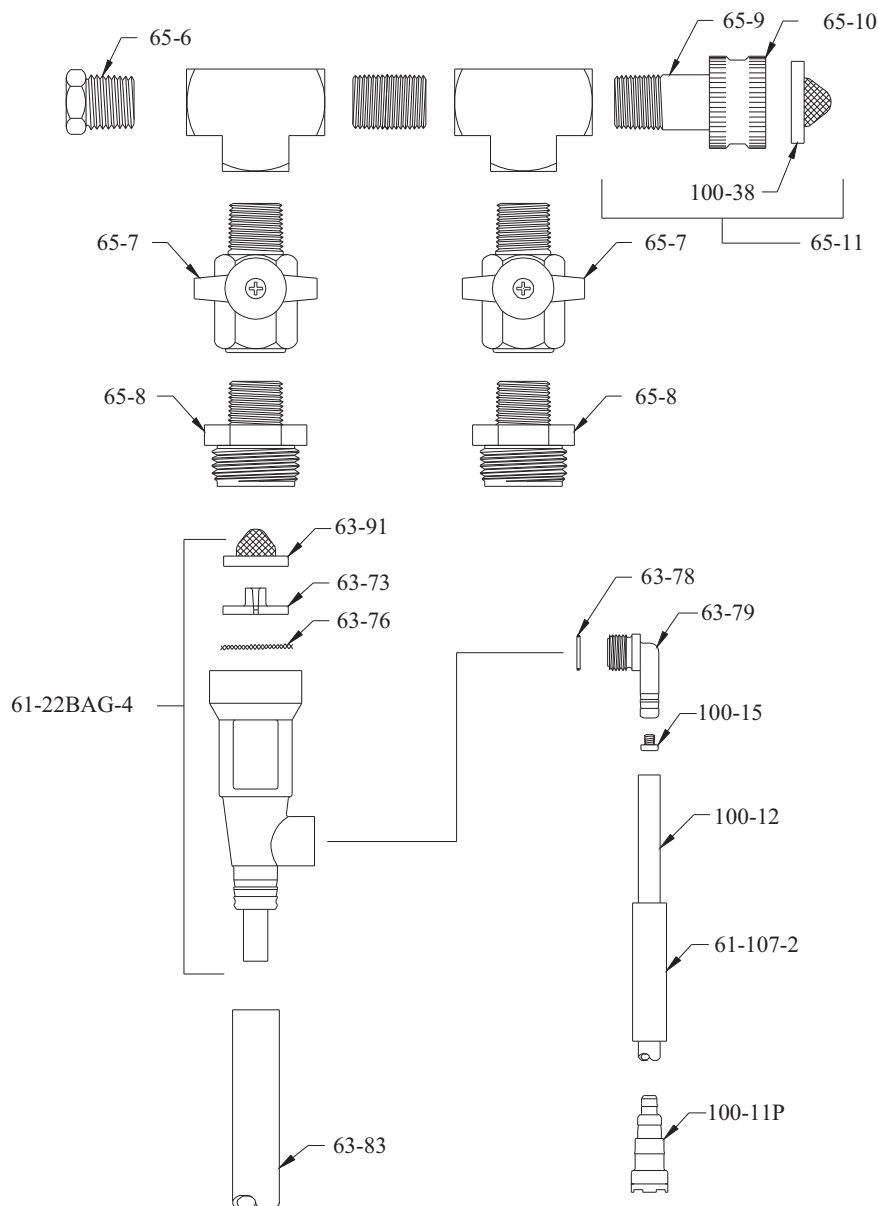


NO.	PART NO.	DESCRIPTION
1	25-51-2	1/4" NPT X 3/8" O.D. Tube Compression Fitting
2	25-137-12U	1/4" NPT X 1-1/2" Lg. Close Nipple
3	65-30-1	1/4" NPT Pipe Tee
4	65-20-1	1/4" NPT Spacer Pipe Plug (solid)
5	65-7	1/4" NPT Ball Valve
6	25-137-6U	1/4" NPT X 7/8" Lg. Close Nipple
7	65-31-3U	1/4" NPT X 3/4" MGHT Bushing
8	16-30	Action GAP Assembly
9	150-6	Rubber Washer

NO.	PART NO.	DESCRIPTION
10	61-22-3	4 GPM Proportioner – 1/4" Inlet Barb
11	61-21	1/2" ID X 6' Lg. Vinyl Tubing
12	63-78	O-Ring
13	63-79	Inlet Barb (1/4" Barb)
14	100-15K	Metering Tip Kit – 14 Sizes (1/4" Barb)
15	100-12	1/4" ID X 8' Lg. Vinyl Tubing
16	61-107-2	Ceramic Weight (1/4" Tube)
17*	100-16E	Foot Valve
18	61-121	Elbow, 1/4" St. Plated

*Foot Valve also available with silicone (100-16S) or Viton (100-16V) rubber seals. Please specify material when ordering.

DEMA 652AG DUO-FEED



PART NO.	DESCRIPTION
61-22-3BAG	4 GPM (1/4" BARB) PROPORTIONER
61-107-2	CERAMIC WEIGHT (1/4" TUBE)
63-73	NOZZLE (4 GPM)
63-76	SCREEN
63-78	O-RING
63-79	INLET BARB (1/4" BARB)
63-83	VINYL TUBE (9/16 I.D. X 6' LG.)
63-91	STRAINER WASHER
65-6	PLUG

PART NO.	DESCRIPTION
65-7	1/4" BALL VALVE
*65-8	ADAPTER
65-9	GARDEN HOSE ADAPTER STEM
*65-10	HOSE COUPLING
*65-11	SWIVEL ADAPTER KIT
100-11P	FOOT VALVE
100-12	VINYL TUBE (1/4" I.D. X 8' LG.)
*100-38	STRAINER WASHER

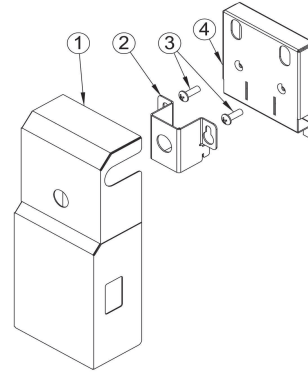
ACCESSORIES	100-15K METERING TIP KIT-14 SIZES (1/4" BARB)
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*OMITTED ON 652AG-MHF; USES 65-8 INSTEAD.

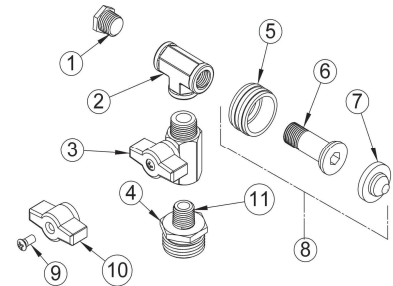
DEMA Pro-Fill I Sink Dispenser

MODELS PF651GAP, PF651AG, PF651GAP-1M, & PF651AG-1M

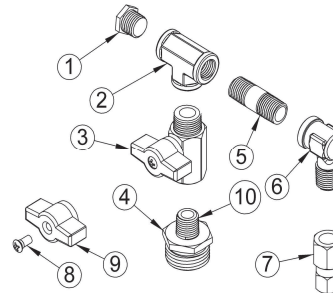
COVER, MOUNTING BRACKETS, AND HARDWARE		
NO.	PART NO.	DESCRIPTION
1	65-38-1	Cover, Dual Valve (Stainless Steel)
2	65-37-1	Bracket, Valve Retaining (Stainless Steel)
3	60-67-1	#8 X ½" Lg. Screw (Type B)
4	65-36-1	Bracket, Wall Mounting (Stainless Steel)



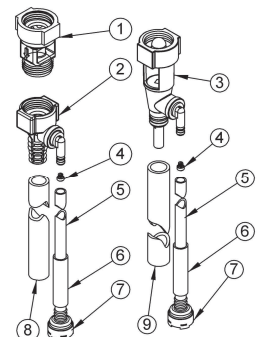
PF651GAP & PF651AG DUAL BALL VALVE ASSEMBLY		
NO.	PART NO.	DESCRIPTION
1	65-6	¼" NPT Plug
2	65-30-1	¼" NPT Tee
3	65-7	¼" NPT Ball Valve with Knob
4	65-31-3U	Adapter, Garden Hose X ¼" NPT (brass)
5	65-10	Garden Hose Coupling
6	65-17-2	Hose Adapter Stem
7	100-38	Strainer Washer
8	65-11	Swivel Adapter Kit
9	81-19-20	Knob Screw
10	65-2K	Knob
11	25-137-6U	¼" NPT Nipple



PF651GAP-2M & PF651AG-2M DUAL BALL VALVE ASSEMBLY		
NO.	PART NO.	DESCRIPTION
1	65-6	¼" NPT Plug
2	65-30-1	¼" NPT Tee
3	65-7	¼" NPT Ball Valve with Knob
4	65-31-3U	Adapter, Garden Hose X ¼" NPT (brass)
5	25-137-12U	¼" NPT Nipple
6	61-121	¼" Street Elbow
7	25-51-12	¼" NPT X 3/8" O.D. Tube Compression Fitting
8	81-19-20	Knob Screw
9	65-2K	Knob
10	25-137-6U	¼" NPT Nipple



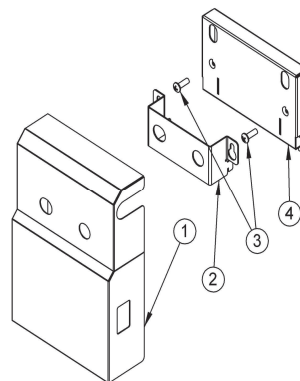
BACK FLOW/PROPORTIONING DEVICES, TIPS, & TUBING		
NO.	PART NO.	DESCRIPTION
1	16-30	ACTION GAP Assembly
2	61-22-3	Proportioner Assembly (4 GPM) w/Elbow
3	61-22-3BAG-EL2	AIR GAP Proportioner Ass'y (4 GPM) w/Elbow
4	100-15K	Metering Tip Kit (14 Sizes)
5	100-12	¼" I.D. X 8' Lg. Vinyl Tubing
6	61-107-2	Ceramic Weight (3/8" I.D.)
7	100-16E	Foot Valve Assembly (EPDM) – Std. Equipment
	100-16S	Foot Valve Assembly (Silicone) - Available
	100-16V	Foot Valve Assembly (Viton) - Available
8	61-21	½" I.D. X 6' Lg. Vinyl Tubing
9	63-83	9/16" I.D. X 6' Lg. Vinyl Tubing



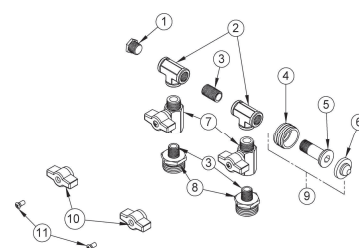
DEMA Pro-Fill II Sink Dispenser

MODELS PF652GAP, PF652AG, PF652GAP-2M, & PF652AG-2M

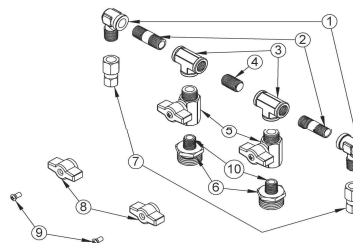
COVER, MOUNTING BRACKETS, AND HARDWARE		
NO.	PART NO.	DESCRIPTION
1	65-35-1	Cover, Dual Valve (Stainless Steel)
2	65-34-1	Bracket, Valve Retaining (Stainless Steel)
3	60-67-1	#8 X ½" Lg. Screw (Type B)
4	65-33-1	Bracket, Wall Mounting (Stainless Steel)



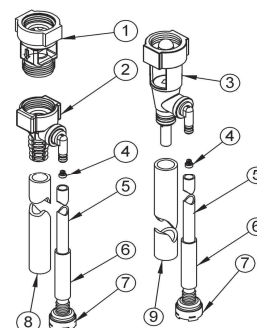
PF652GAP & PF652AG DUAL BALL VALVE ASSEMBLY		
NO.	PART NO.	DESCRIPTION
1	65-6	¼" NPT Plug
2	65-30-1	¼" NPT Tee
3	25-137-6U	¼" NPT Nipple
4	65-10	Garden Hose Coupling
5	65-17-2	Hose Adapter Stem
6	100-38	Strainer Washer
7	65-7	¼" NPT Ball Valve with Knob
8	65-31-3U	Adapter, Garden Hose X ¼" NPT (brass)
9	65-11	Swivel Adapter Kit
10	65-2K	Knob
11	81-19-20	Knob Screw



PF652GAP-2M & PF652AG-2M DUAL BALL VALVE ASSEMBLY		
NO.	PART NO.	DESCRIPTION
1	61-121	¼" Street Elbow
2	25-137-12U	¼" NPT Nipple
3	65-30-1	¼" NPT Tee
4	65-20-1	¼" Spacer Plug (Solid)
5	65-7	¼" NPT Ball Valve with Knob
6	65-31-3U	Adapter, Garden Hose X ¼" NPT (brass)
7	25-51-12	¼" NPT X 3/8" O.D. Tube Compression Fitting
8	65-2K	Knob
9	81-19-20	Knob Screw
10	25-137-6U	¼" NPT Nipple

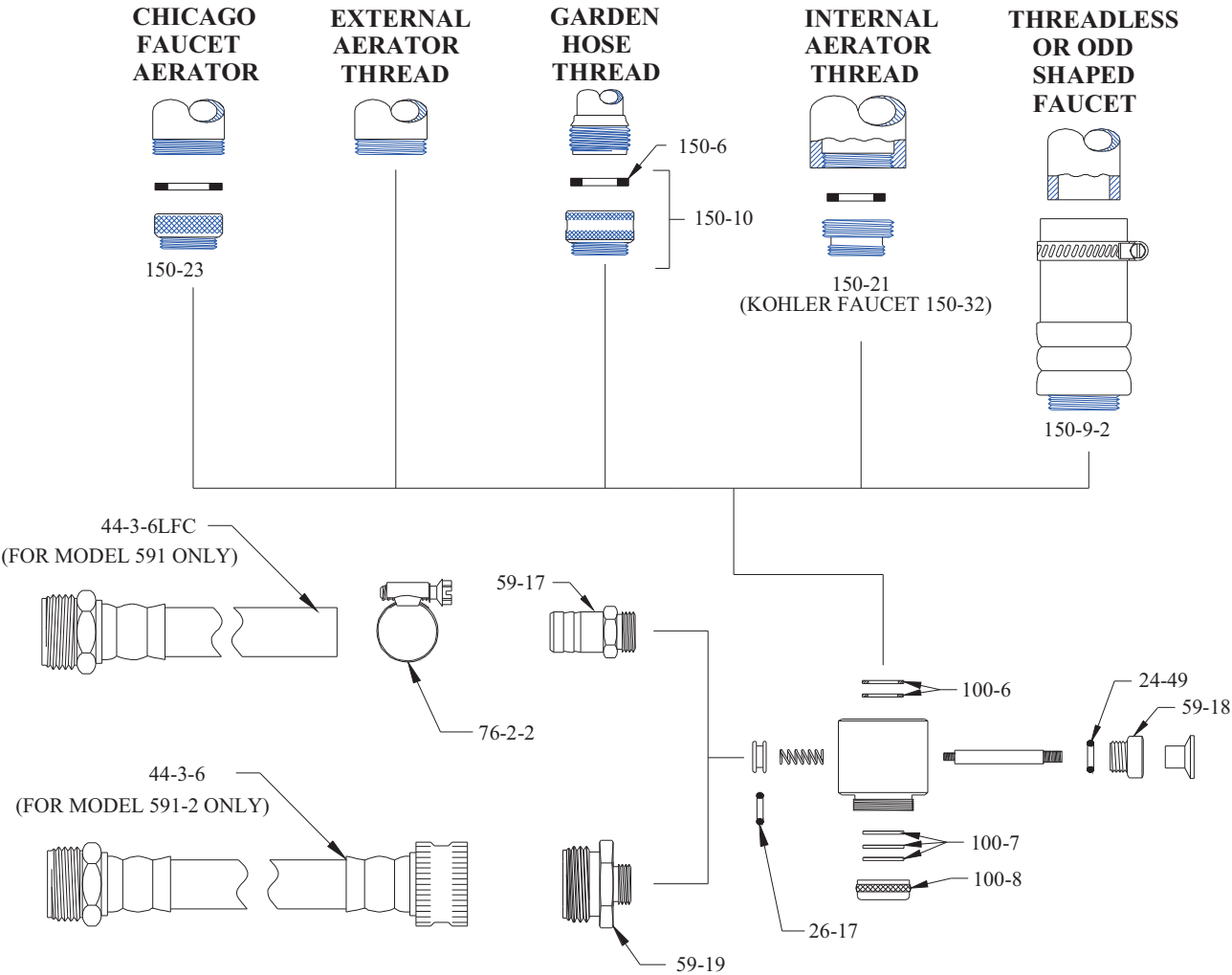


BACK FLOW/PROPORTIONING DEVICES, TIPS, & TUBING		
NO.	PART NO.	DESCRIPTION
1	16-30	ACTION GAP Assembly
2	61-22-3	Proportioner Assembly (4 GPM) w/Elbow
3	61-22-3BAG-EL2	AIR GAP Proportioner Ass'y (4 GPM) w/Elbow
4	100-15K	Mitering Tip Kit (14 Sizes)
5	100-12	¼" I.D. X 8' Lg. Vinyl Tubing
6	61-107-2	Ceramic Weight (3/8" I.D.)
7	100-16E	Foot Valve Assembly (EPDM) – Std. Equipment
	100-16S	Foot Valve Assembly (Silicone) - Available
	100-16V	Foot Valve Assembly (Viton) - Available
8	61-21	½" I.D. X 6' Lg. Vinyl Tubing
9	63-83	9/16" I.D. X 6' Lg. Vinyl Tubing



DEMA DIVERTER VALVE

MODELS: 591 & 591-2



PART N0.	DESCRIPTION
24-49	O-RING FOR STEM VALVE
26-17	O-RING FOR PISTON
44-3-6	HOSE (FOR 591-2 ONLY)
44-3-6LFC	HOSE W/MALE FITTING (FOR 591 ONLY)
59-17	1/2" BARB OUTLET ADAPTER
59-18	STEM GUIDE
59-19	9/16-18 UNF X MGHT ADAPTER
76-2-2	HOSE CLAMP
100-6	RUBBER WASHER (2-REQD)
100-7	OUTLET SCREEN (3-REQD.)

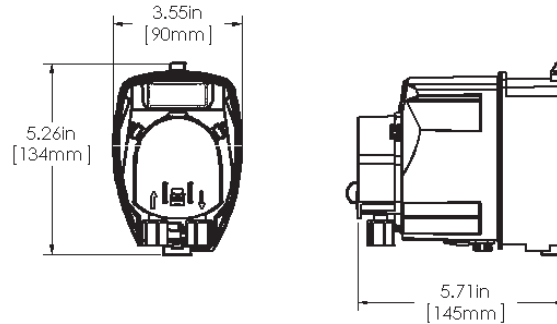
PART N0.	DESCRIPTION
100-8	OUTLET SCREEN RETAINER
150-6	RUBBER WASHER
150-10	FAUCET ADAPTER W/RUBBER WASHER
150-9-2	IRREGULAR FAUCET ADAPTER
150-21	MALE AERATOR X MALE AERATOR ADAPTER
150-23	FEMALE CHICAGO X MALE AERATOR ADAPTER
150-32	MALE KOHLER X MALE AERATOR ADAPTER

	25.20.1 SQUIRT DRAIN UNIT	25.69.7 SWITCHING POWER SUPPLY (115-240 VAC)	20' ¼" OD TUBING	30.41 SCREW AND ANCHOR KIT	81.312.1 TUBE STIFFENER	POWER ADAPTER	I984 INST. SHEET	SQ. TUBE
2500	1	1	25.68.20	1	1	OMIT	1	81.231.1
2501	1	1	25.160.20	1	1	25.19.1 & 25.19.2	1	81.231.4
2502	1	1	25.68.20	1	1	25.19.2	1	81.231.1
2503	1	1	25.68.20	1	1	OMIT	1	81.231.1

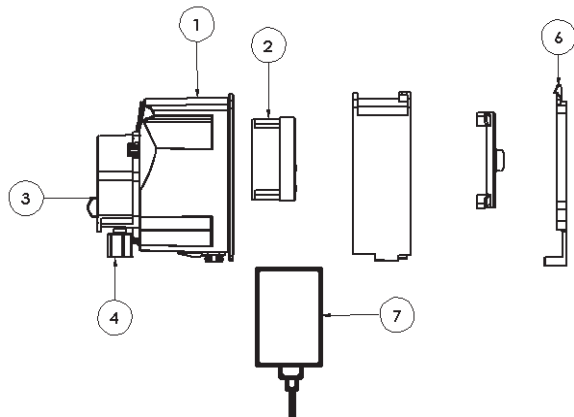
Operational Requirements

For indoor use only	
Main Power	120-240 VAC 50-60 HZ
Case Material	ABS
Product Weight	.5 kg 1.15 LBS
The integrity and operational characteristics of this unit are not guaranteed outside the above mentioned parameters. Use of this unit outside of these parameters nullifies warranty.	

Overall Size & Weight

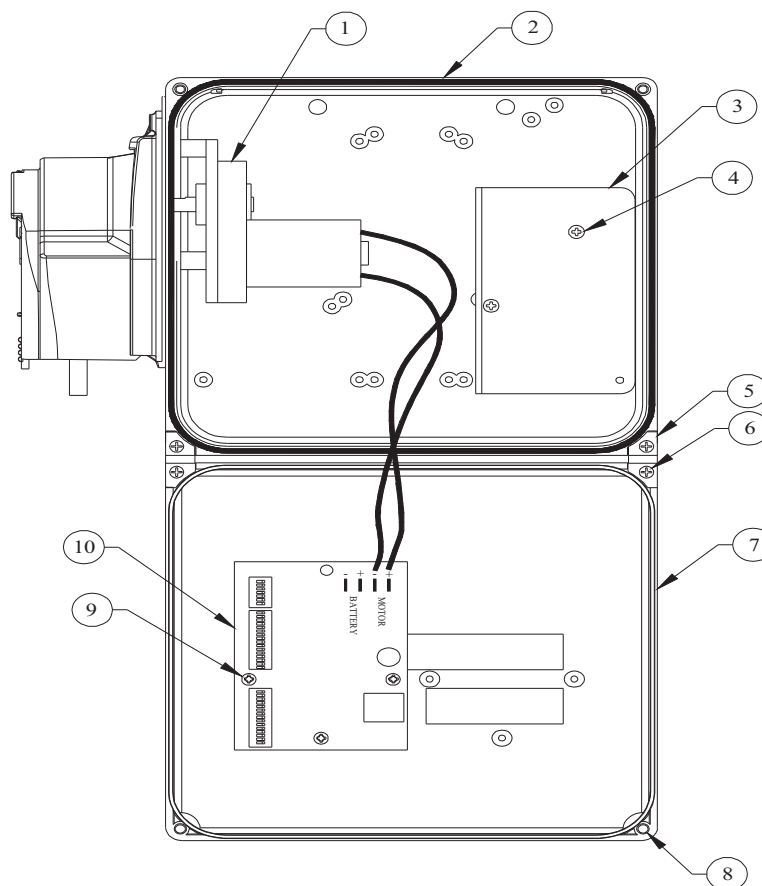


Parts List



NO.	PART NO.	DESCRIPTION
1	25.21.1	PUMP, MOTOR, HOUSING REPLACEMENT KIT
2	25.21.2	TIMER AND BOOT REPLACEMENT KIT
3	25.21.3	PUMP REPLACEMENT KIT
4	25.21.4	SQUEEZE TUBE SINGLE REPLACEMENT KIT
	25.21.5	SQUEEZE TUBE REPLACEMENT BULK (5) KIT
6	25.21.6	BRACKET AND BOOT REPLACEMENT KIT
7	25.21.7.US	POWER SUPPLY KIT FOR US
	25.21.7.UK	POWER SUPPLY KIT FOR UK PLUG
	25.21.7.EU	POWER SUPPLY KIT FOR EUROPEAN PLUG
	25.21.7.AUS	POWER SUPPLY KIT FOR AUSTRALIAN PLUG

DEMA 257B AND 257BV DRAIN MASTER



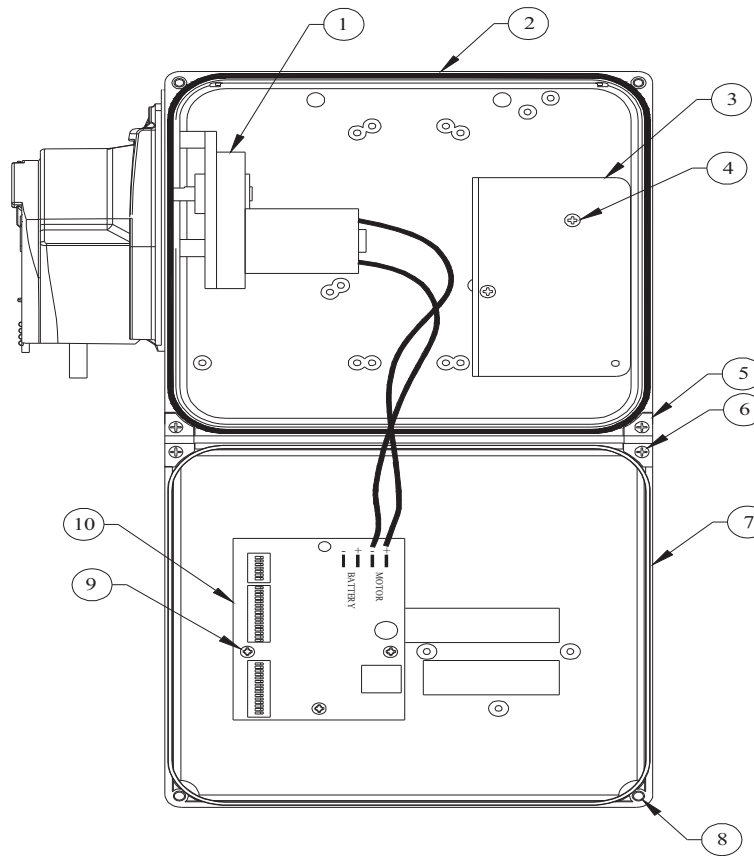
REPLACEMENT PARTS

NO.	DEMA PART NO.	DESCRIPTION	QTY.
1	25-66C	Gear Motor Assembly	1
2	81-61-1	Electrical Enclosure Assembly	1
3	25-123-1	Battery Retainer Bracket	1
4	44-116-1	Battery Retainer Screws	3
5	81-23	Electrical Enclosure Hinge	2
6	81-19-1	Hinge Screw	2
7	85-31	Electrical Enclosure Cover	1
8	81-29-2	Captive Screw for Electrical Enclosure Cover	2
9	81-20-2	Control Board Screw	3
10	25-122-1	Drain Master Electronic Control Board	1

INSTALLATION KIT PARTS (NOT SHOWN ON DRAWING)

DEMA PART NO.	DESCRIPTION	QTY.
81-16-1	Tie Wrap 8" lg.	4
81-182-1	1/4" x 1/4" JG Union	2
25.68.20	20 Ft of 1/4" LDPE Tubing (white)	1
80.66	10" Pick Up Tube Assembly	1
81.1	Wall Bracket Kit	1
25.125.1	Battery Cable Assembly	1
25.69	AC to DC Adapter (U.S., 120V 60Hz – 12VDC)	1

DEMA 257BE AND 257BVE DRAIN MASTER



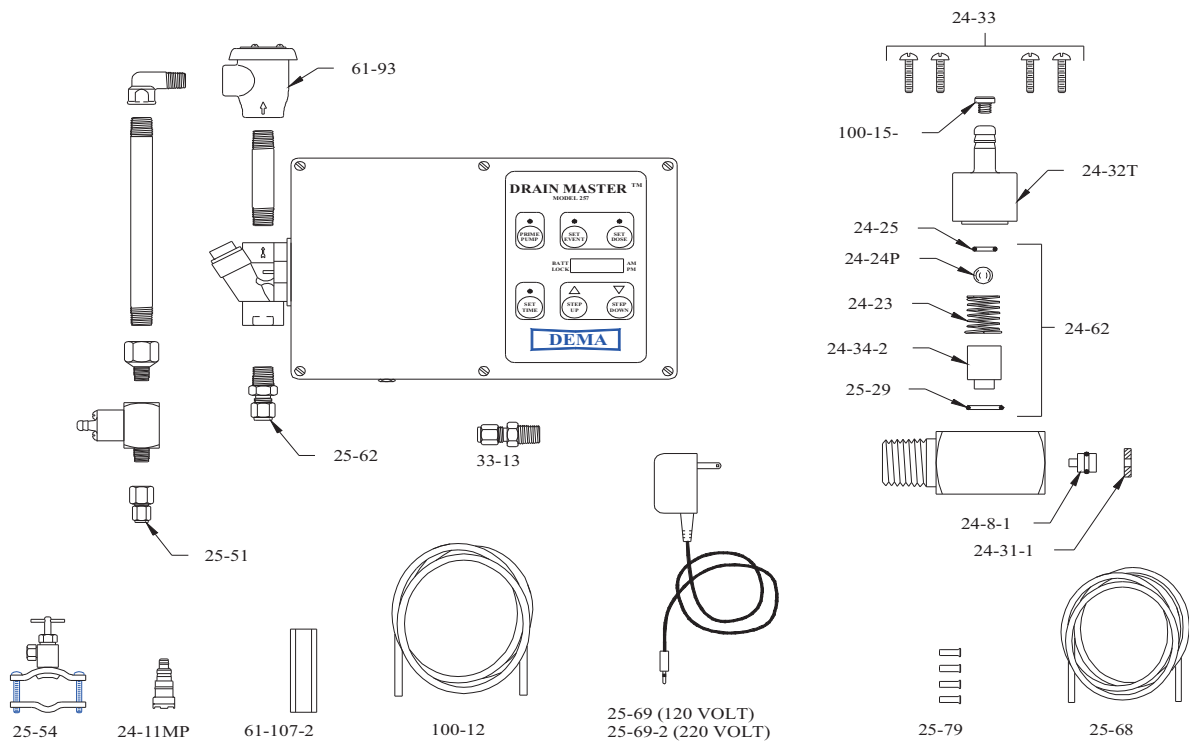
REPLACEMENT PARTS			
NO.	DEMA PART NO.	DESCRIPTION	QTY.
1	25-66C	Gear Motor Assembly	1
2	81-61-1	Electrical Enclosure Assembly	1
3	25-123-1	Battery Retainer Bracket	1
4	44-116-1	Battery Retainer Screws	3
5	81-23	Electrical Enclosure Hinge	2
6	81-19-1	Hinge Screw	2
7	85-31	Electrical Enclosure Cover	1
8	81-29-2	Captive Screw for Electrical Enclosure Cover	2
9	81-20-2	Control Board Screw	3
10	25-122-1	Drain Master Electronic Control Board	1

INSTALLATION KIT PARTS (NOT SHOWN ON DRAWING)		
DEMA PART NO.	DESCRIPTION	QTY.
81-16-1	Tie Wrap 8" lg.	4
81-182-1	1/4" x 1/4" JG Union	2
25-68-20	20 Ft of 1/4" LDPE Tubing (white)	1
80-66	10" Pick Up Tube Assembly	1
81-1	Wall Bracket Kit	1
25-125-1	Battery Cable Assembly	1
25-69-2	AC to DC Adapter (European., 220V 50Hz – 12VDC)	1

DEMA REPLACEMENT PARTS LIST FOR 257C D-CELL BATTERY DRAIN DISPENSER.

<u>DESCRIPTION</u>	<u>Dema PART NO.</u>
DEMA 257C / 259CT 1/4" JACO COMPRESSION NUT (ONE PIECE)	25.200
DEMA 257C / 259CT 1/4" SUPERTUBE NO ENDS (8") - BACTERIA / ENZYME	25.201
DEMA 257C / 259CT 1/4" SUPERTUBE WITH ENDS COMPLETE - BACTERIA / ENZYME	25.202
DEMA 257C / 259CT 1/4" VITON TUBE NO ENDS (8") - SOLVENT / D-LIMONENE	25.203
DEMA 257C / 259CT 1/4" VITON TUBE WITH ENDS COMPLETE - SOLVENT / D-LIMONENE	25.204
DEMA 257C / 259CT FACEPLATE WITH BEARING COMPLETE	25.205
DEMA 257C / 259CT PUMP HOUSING TO CASE / FACEPLATE SCREWS	25.206
DEMA 257C / 259CT REPLACEMENT CASE BOTTOM ONLY	25.207
DEMA 257C / 259CT REPLACEMENT LID ONLY	25.208
DEMA 257C / 259CT WHITE ROLLER ASSEMBLY	25.209
DEMA 257C 110 VOLT PLUG IN ADAPTOR KIT	25.210
DEMA 257C 12 VDC DIGITAL TIMER	25.211
DEMA 257C D-CELL BATTERY HOLDER + WIRING HARNESS COMPLETE	25.212
DEMA 257C PUMP MOTOR - 24 VOLT DC 60 RPM MOTOR - 4 OUNCE PER MINUTE	25.213

DEMA MODEL 258D AND 258T DRAIN AND TRASHMASTER™

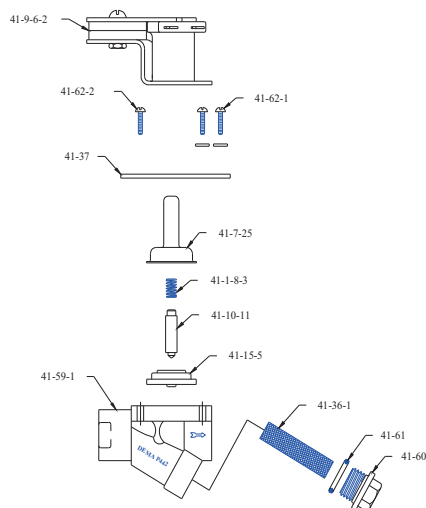


PART NO.	DESCRIPTION
24-8-1	WATER NOZZLE
24-11MP	FOOT STRAINER
24-23	CHECK VALVE SPRING
24-24P	CHECK VALVE BALL
24-25	CHECK VALVE O-RING
24-31-1	BACK-UP WASHER
24-32T	PLASTIC KNOB
24-33	SCREW (4-REQD)
24-34-2	CHECK VALVE CORE
24-62	CHECK VALVE REPAIR KIT
25-29	METERING KNOB O-RING
25-51	COMPRESSION FITTING
25-54	SADDLE VALVE
25-62	COMPRESSION FITTING 1/4"
25-68	SUPPLY TUBE (20 FT LG.)

PART NO.	DESCRIPTION
25-69	A.C. ADAPTER (120 VOLT)
25-69-2	A.C. ADAPTER (220 VOLT)
25-79	TUBE INSERT (4-PCS)
33-13	COMPRESSION FITTING
61-93	VACUUM BREAKER
61-107-2	CERAMIC WEIGHT
100-12	VINYL TUBING (8 FT. LG.)
100-15	METERING TIP (SPECIFY COLOR)
200-CT	INJECTOR COMPLETE

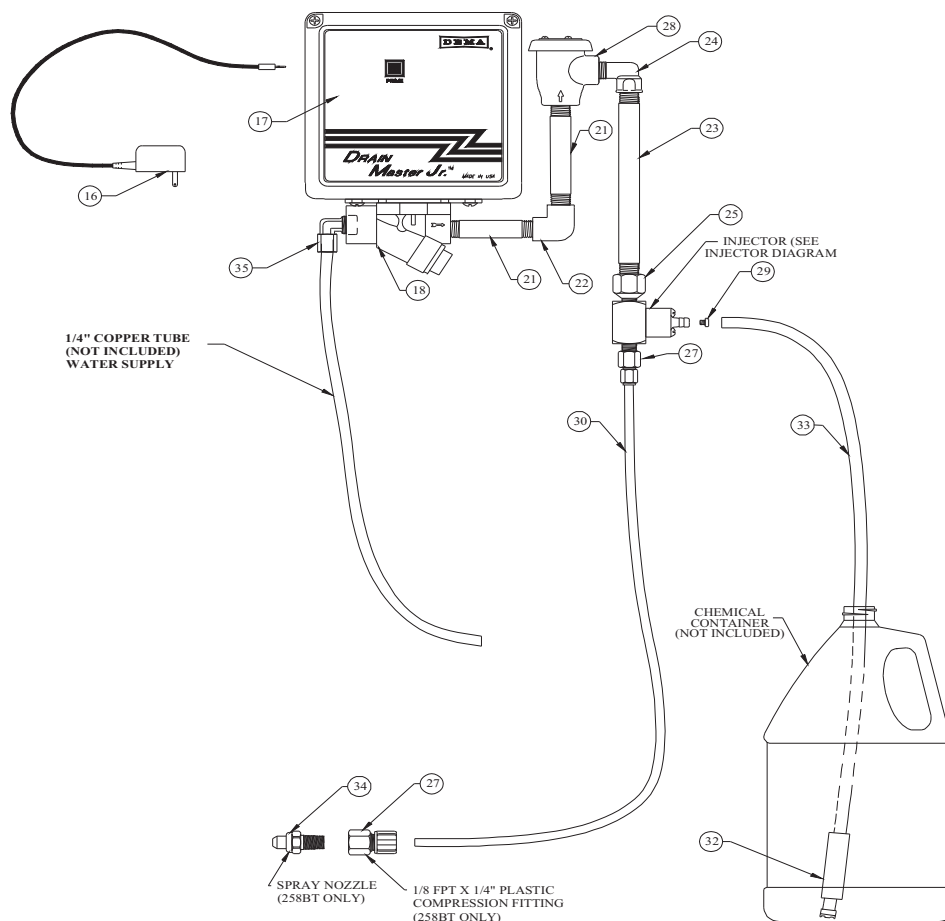
ACCESSORIES FOR TRASHMASTER ONLY NOT SHOWN

25-80	SPRAY NOZZLE
25-81	MOUNTING BRACKET
25-82	#8 SHEET METAL SCREW



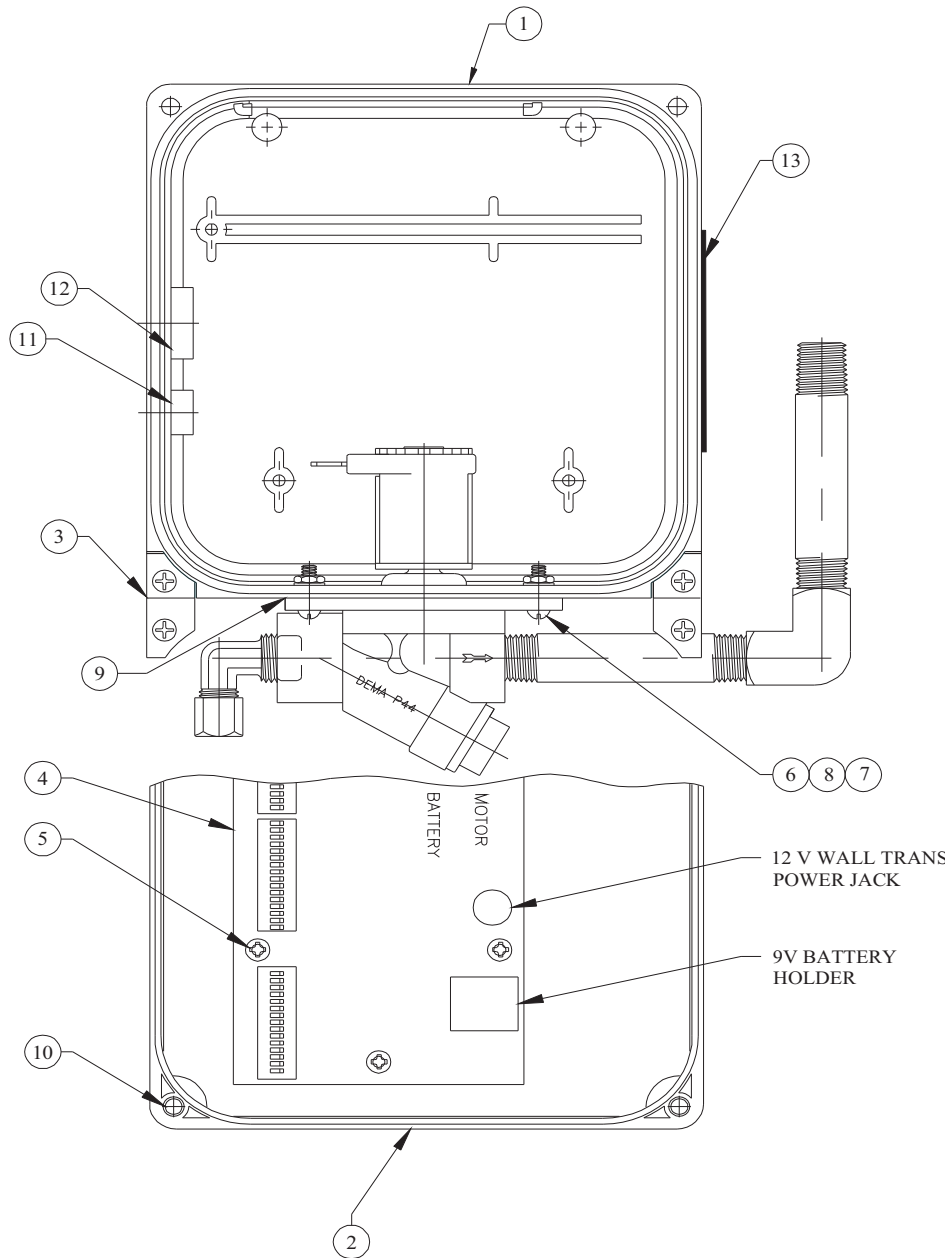
PART NO.	DESCRIPTION
26-71	WASHER (3-REQD)
41-1-8-3	KICK-OFF SPRING
41-7-25	ENCLOSING TUBE (STAINLESS)
41-9-6-2	SOLENOID COIL
41-10-11	PLUNGER
41-15-5	DIAPHRAGM
41-36-1	STRAINER SCREEN
41-37	FLANGE
41-59-1	VALVE BODY
41-60	SCREEN CAP
41-61	O-RING SEAL
41-62-1	SCREW #8-18 X 1 1/2 LG. (2 REQD.)
41-62-2	SCREW #8-18 X 3/8 LG. (1 REQD.)

DEMA® 258BD-200C and 258BT-200C DRAIN MASTER Jr.



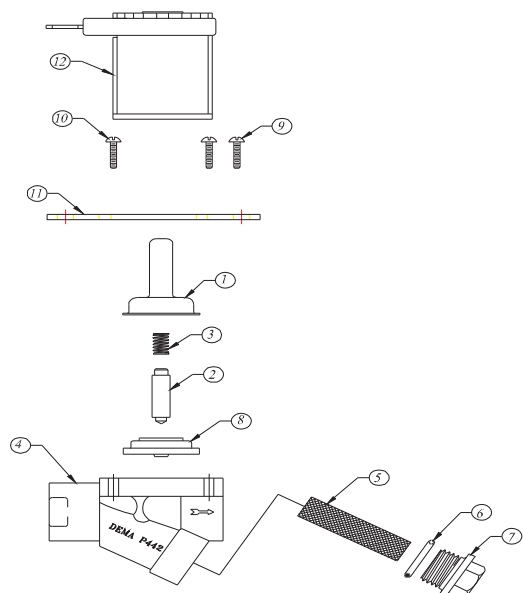
16	25.69.3	AC to DC Adapter (U.S., 120V 60Hz 1.2A)	1
17	L715.1	Drain Master Label	1
18	P442.PP3	Valve Assembly (See valve diagram for individual parts)	1
19	81.32.22	Black Cable Assembly	1
20	81.32.23	Red Cable Assembly	1
21	25.137.4	1/4" x 3" Long Schedule 40 Plated Brass Pipe	1
22	25.136.2	1/4" NPT Plated Brass Elbow	2
23	25.137.5	1/4" x 6" Long Schedule 40 Plated Brass Pipe	1
24	61.121	1/4" Street Elbow	1
25	25-53	1/4" x 1/8" pipe adapter	1
26	-----	See Injector Parts Chart and Diagram	-----
27	85-40-1	1/8" FPT x 1/4" Compression Fitting (Plastic)	1 - 258BD 2 - 258BT
28	58.1LA	Vacuum Breaker Assy	1
29	100.15K	Metering Tip Kit	1
30	25.68.20	20 ft 1/4" LDPE Tubing	1
31	81.16.1	Tie Wrap	4
32	61.107.2	Ceramic Weight for 1/4" Vinyl Tubing	1
33	61.130.1	8ft Vinyl Tube with Foot Strainer Assembly	1
34	25.80.2	Spray Nozzle	1
35	58.54.4	1/4" MPT X 1/4" Comp. Elbow	1

DEMA® 258BD-200C and 258BT-200C DRAIN MASTER Jr.

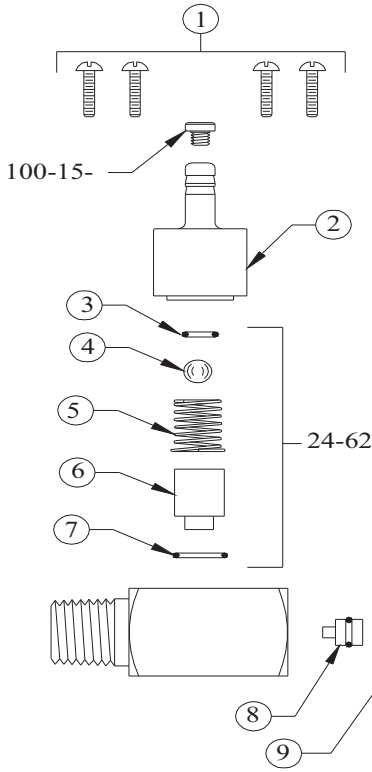


Item No.	DEMA Part No.	Description	Amount Required
1	81.40.2	Electrical Enclosure Assembly	1
2	85.41	Electrical Enclosure Cover	1
3	81.6	Electrical Enclosure Hinge Kit	2
4	25.122.1	Drain Master Electronic Control Board	1
5	81.20.2	Control Board Screw	3
6	44.124.2	#10-32 x 1/2" Screw	2
7	44.90	#10-32 Nut	2
8	44.29	Lock washer	2
9	25.91.C2.2	Valve Bracket Gasket	1
10	81.29.2	Captive Screw for Electrical Enclosure Cover	2
11	81.47.1	1/2" Hole Plug	1
12	25.124.4	Split Bushing	1
13	L732.1	Pump Blank Label	1

DEMA® 258BD-200C and 258BT-200C DRAIN MASTER Jr.

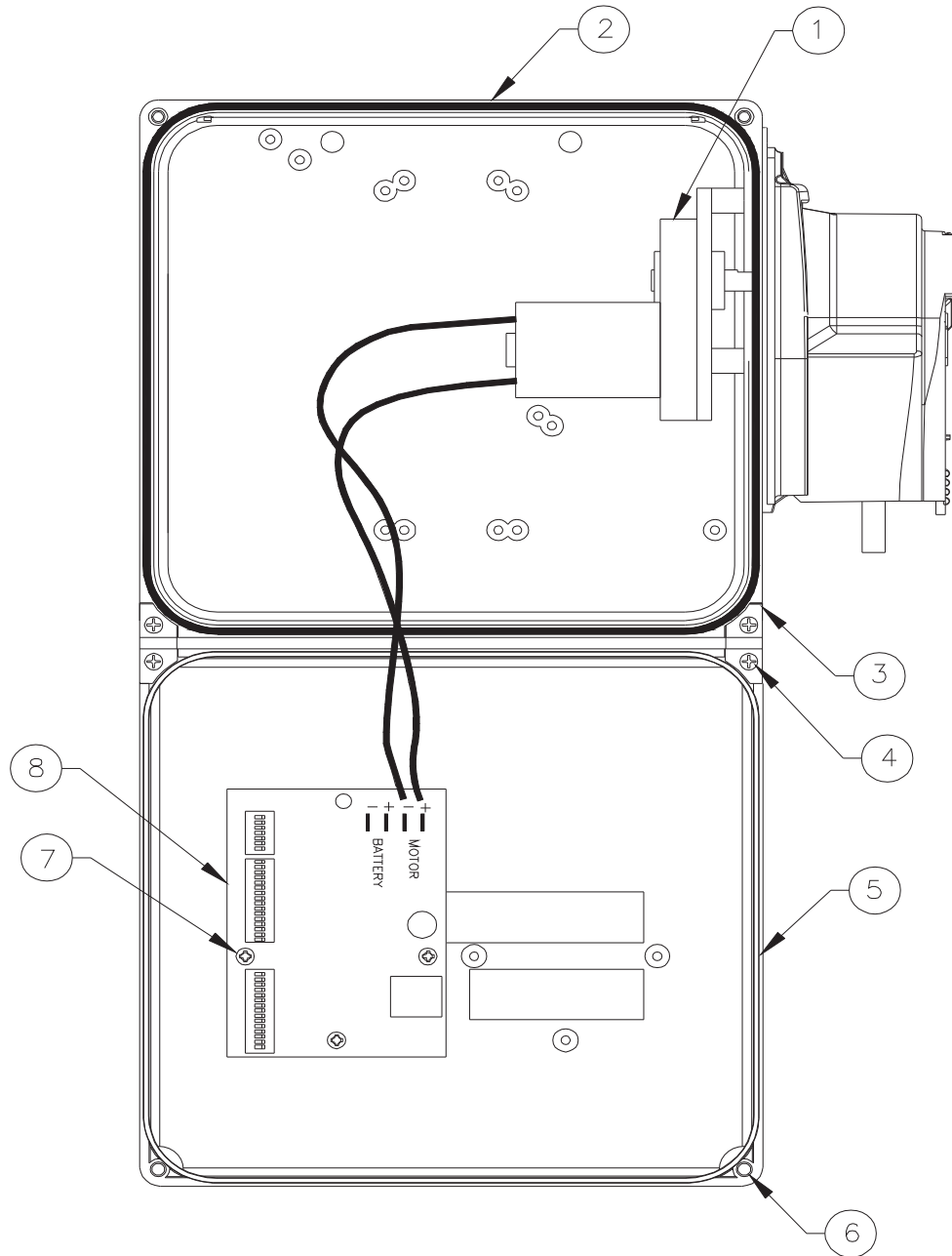


Valve Replacement Parts			
Item No.	DEMA Part No.	Description	Amount Required
1	41.7.25	Enclosing Tube	1
2	41.10.11	Plunger	1
3	41.1.8.3	Closing Spring	1
4	41.59.1	Valve Body	1
5	41.36.1	Strainer Screen	1
6	21.8	O-ring	1
7	41.60	Screen Cap	1
8	41.15.5	Diaphragm	1
9	44.116.1	#8 x 1/2" Hi-Lo Screw	2
10	44.116.2	#8 x 3/8" Hi-Lo Screw	1
11	81.102.2	Bracket	1
12	41.9.5.2	12VDC Coil Assembly	1



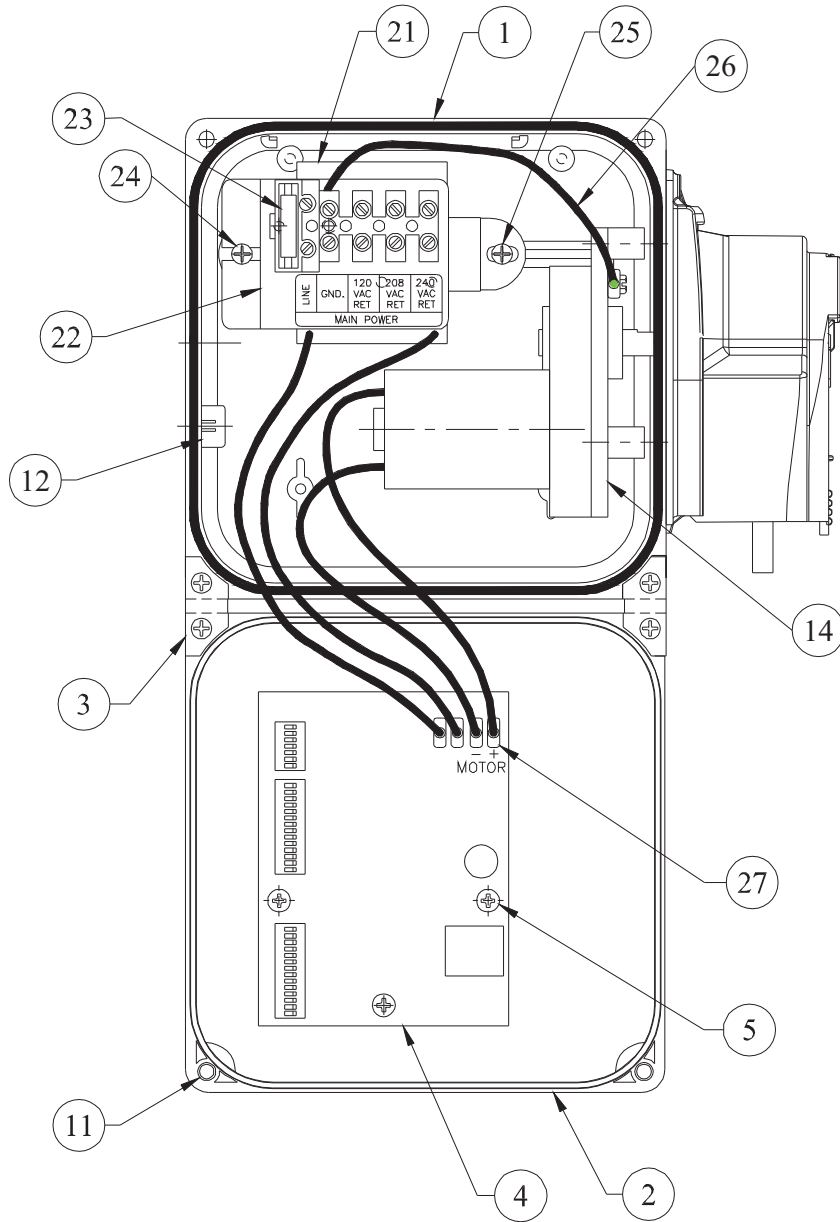
200C Injector Replacement Parts			
Item No.	DEMA Part No.	Description	Amount Required
1	24.33	Screws for Metering Knob	4
2	24.32T	Metering Knob	1
3	24.25	Check Valve O-ring	1
4	24.24P	Check Valve Ball	1
5	24.23	Check Valve Spring	1
6	24.34.2	Check Valve Core	1
7	25.29	Metering Knob O-ring	1
8	24.8.1	No. 1 Water Nozzle	1
9	24.31.1	Back Up Washer	1
10	24.92.1	200C Injector Body	1

DEMA 259B DRAIN MASTER Jr.

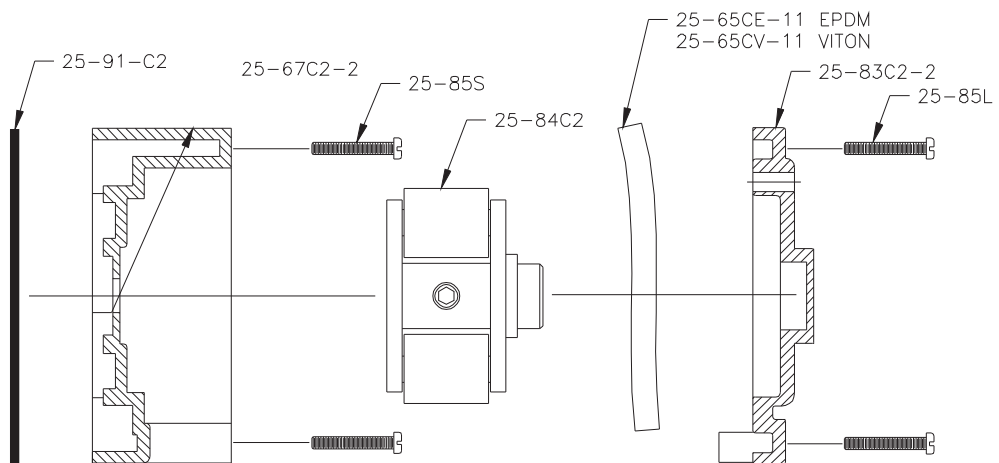
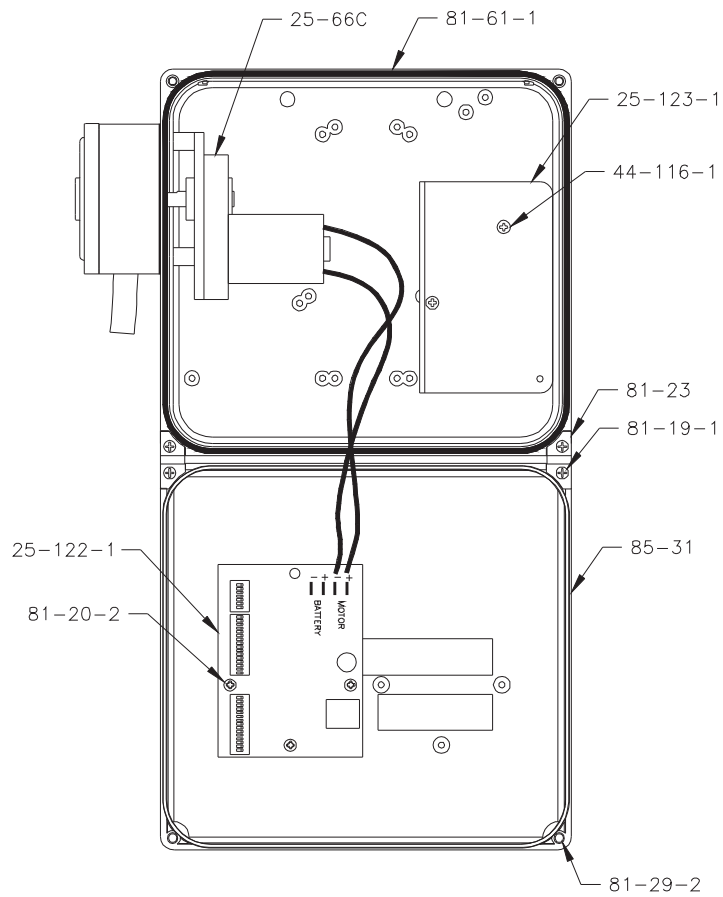


REPLACEMENT PARTS			
NO.	DEMA PART NO.	DESCRIPTION	QTY.
1	25-66C	Gear Motor Assembly	1
2	81-61-1	Electrical Enclosure Assembly	1
3	81-23	Electrical Enclosure Hinge	2
4	81-19-1	Hinge Screw	2
5	81-44	Electrical Enclosure Lid	1
6	81-29-2	Captive Screw for Electrical Enclosure Cover	2
7	81-20-2	Control Board Screw	3
8	25-122-1	Drain Master Electronic Control Board	1

DEMA® 259BAC DRAIN MASTER Jr.

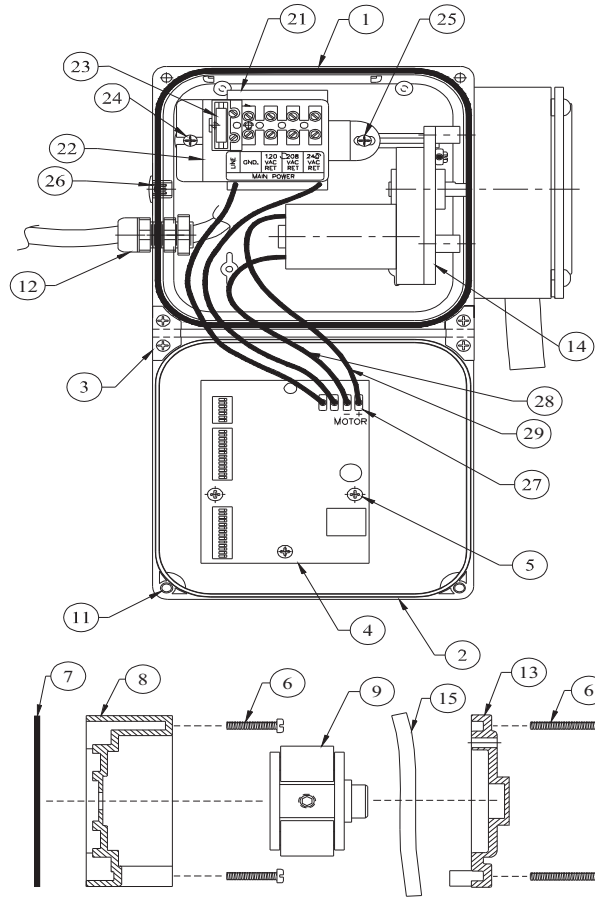


Replacement Parts			
Item No.	DEMA Part No.	Description	Amount Required
1	81-61-4	Electrical Enclosure Kit	1
2	81-41	Electrical Enclosure Cover Kit (81-29-2 Captive Screws included in kit)	1
3	81-6	Electrical Enclosure Hinge Kit	2
4	25-121-1	Drain Master Electronic Control Board	1
5	81-20-2	Control Board Screw	3
11	81-29-2	Captive Screw for Electrical Enclosure Cover	2
12	81-47-1	1/2" Hole Plug	1
14	25-66C	Gear Motor Assembly	1
20	L715-1	Drain Master Label (front face label)	1
21	80-70	40VA Transformer	1
22	25-139-4	Fused Terminal Block and Bracket assembly (fuse included in terminal block)	1
23	25-138-1	Fuse, 5mm x 20mm 1A, 250V	1
24	44-116-1	#8 x 1/2" Hi-Lo Screw	1
25	44-116-2	#8 x 3/8" Hi-Lo Screw	1
26	81-32-24	Grounding Wire Assembly	1
27	81-14-15	Female Quick Connect	1



C2 PUMP ASSEMBLY

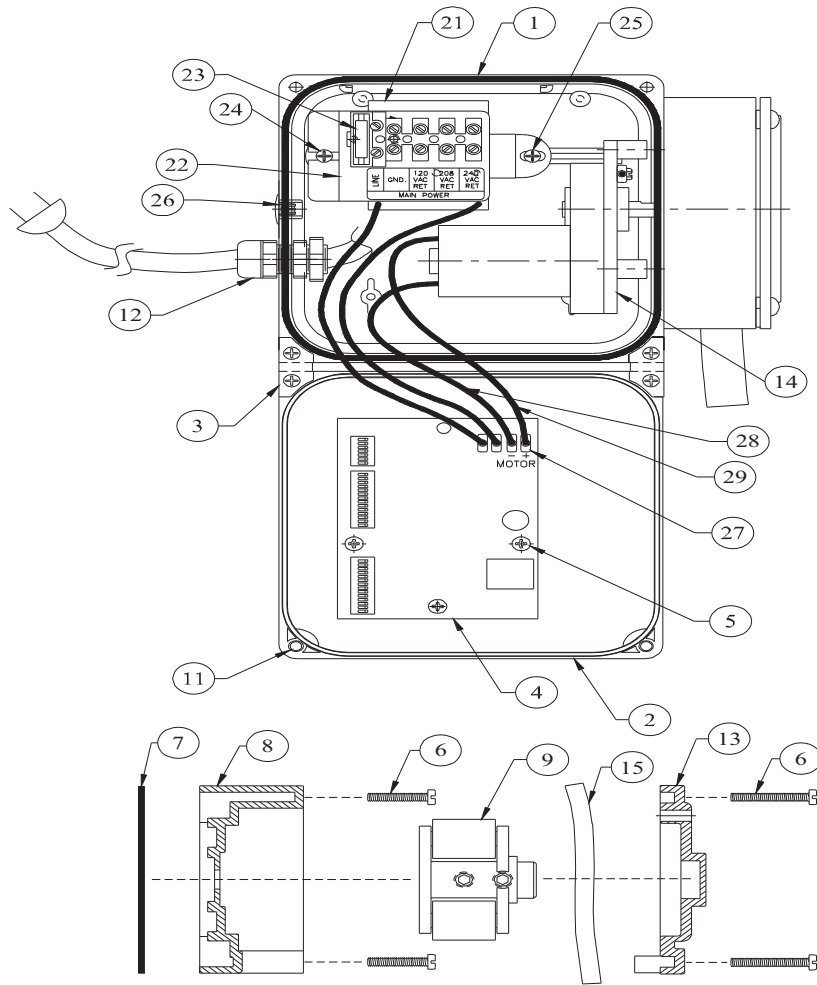
DEMA® 259BT-230 TRASH MASTER



Replacement Parts			
Item No.	DEMA Part No.	Description	Amount Required
1	81.40	Electrical Enclosure Kit	1
2	81.41	Electrical Enclosure Cover Kit (81.29.2 Captive Screws included in kit)	1
3	81.6	Electrical Enclosure Hinge Kit	2
4	25.121.2	Trash Master Electronic Control Board	1
5	81.20.2	Control Board Screw	3
6	25.85.5	#10-32 x 1" Pump Screw	9
7	81.63	Pump Mounting Adapter Plate	1
8	25.129.1	C4 Granite Color Pump Head	1
9	25.86C4	C4 Pump Roller Block (2 Roller)	1
10	25.114C4	C4 Pump Gasket	1
11	81.29.2	Captive Screw for Electrical Enclosure Cover	2
12	81.16	Liquid Tight Feed Thru	1
13	25.87C4	C4 Clear Pump Face Plate	1
14	80.59.60CE	Gear Motor Assembly – 60 RPM	1
15	25.89CE.14	EPDM Pump Squeeze Tube	1
16	25.68.20	20 Ft. of 1/4" LDPE Tubing (white tubing, not shown)	1
17	80.66	10" Pick Up Tube Assembly (grey PVC tube with white nut, not shown)	1
18	81.1	Wall Bracket Kit (stainless plate with screws, not shown)	1
19	25.113	9 Volt Alkaline Battery (not included with unit, not shown)	1
20	L768.1	Drain Master Label (front face label)	1
21	80.70	40VA Transformer	1
22	25.139.4	Fused Terminal Block and Bracket assembly (fuse included in terminal block)	1
23	25.138.1	Fuse, 5mm x 20mm 1A, 250V	1
24	44.116.1	#8 x 1/2" Hi-Lo Screw	1
25	44.116.2	#8 x 3/8" Hi-Lo Screw	1
26	81.47.1	7/8" Hole Plug	1
27	81.14.15	Female Quick Connect	2
28	81.32.43	Black Cable Assembly	1
29	81.32.44	Red Cable Assembly	1

See the diagrams on the following pages to aid in identifying parts.

DEMA® 259BT TRASH MASTER



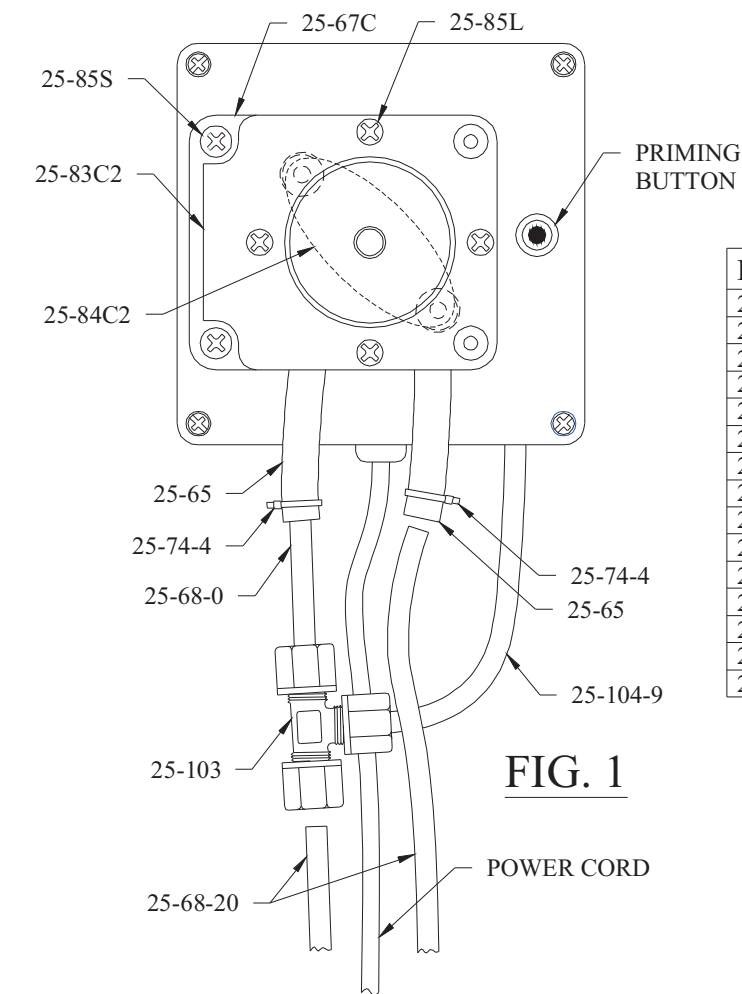
Replacement Parts			
Item No.	DEMA Part No.	Description	Amount Required
1	81-40	Electrical Enclosure Kit	1
2	81-41	Electrical Enclosure Cover Kit (81.29.2 Captive Screws included in kit)	1
3	81-6	Electrical Enclosure Hinge Kit	2
4	25-121-2	Trash Master Electronic Control Board	1
5	81-20-2	Control Board Screw	3
6	25-85-5	#10-32 x 1" Pump Screw	9
7	81-63	Pump Mounting Adapter Plate	1
8	25-129-1	C4 Granite Color Pump Head	1
9	25-86C4	C4 Pump Roller Block (2 Roller)	1
10	25-114C4	C4 Pump Gasket	1
11	81-29-2	Captive Screw for Electrical Enclosure Cover	2
12	81-16	Liquid Tight Feed Thru	1
13	25-87C4	C4 Clear Pump Face Plate	1
14	80-59-60MK	Gear Motor Assembly – 60 RPM	1
15	25-89CE-14	EPDM Pump Squeeze Tube	1
16	25-68-20	20 Ft of ¼" LDPE Tubing (white tubing, not shown)	1
17	80-66	10" Pick Up Tube Assembly (grey PVC tube with white nut, not shown)	1
18	81-1	Wall Bracket Kit (stainless plate with screws, not shown)	1
19	25-113	9 Volt Alkaline Battery (not included with unit, not shown)	1
20	L768-1	Drain Master Label (front face label)	1
21	80-70	40VA Transformer	1
22	25-139-4	Fused Terminal Block and Bracket assembly (fuse included in terminal block)	1
23	25-138-1	Fuse, 5mm x 20mm 1A, 250V	1
24	44-116-1	#8 x ½" Hi-Lo Screw	1
25	44-116-2	#8 x ¾" Hi-Lo Screw	1
26	81-47-1	7/8" Hole Plug	1
27	81-14-15	Female Quick Connect	2
28	81-32-43	Black Cable Assembly	1
29	81-32-44	Red Cable Assembly	1

See the diagrams on the following pages to aid in identifying parts.

DEMA REPLACEMENT PARTS LIST FOR 259CT DISPENSER.

<u>DESCRIPTION</u>	<u>Dema PART NO.</u>
DEMA 257C / 259CT 1/4" JACO COMPRESSION NUT (ONE PIECE)	25.200
DEMA 257C / 259CT 1/4" SUPERTUBE NO ENDS (8") - BACTERIA / ENZYME	25.201
DEMA 257C / 259CT 1/4" SUPERTUBE WITH ENDS COMPLETE - BACTERIA / ENZYME	25.202
DEMA 257C / 259CT 1/4" VITON TUBE NO ENDS (8") - SOLVENT / D-LIMONENE	25.203
DEMA 257C / 259CT 1/4" VITON TUBE WITH ENDS COMPLETE - SOLVENT / D-LIMONENE	25.204
DEMA 257C / 259CT FACEPLATE WITH BEARING COMPLETE	25.205
DEMA 257C / 259CT PUMP HOUSING TO CASE / FACEPLATE SCREWS	25.206
DEMA 257C / 259CT REPLACEMENT CASE BOTTOM ONLY	25.207
DEMA 257C / 259CT REPLACEMENT LID ONLY	25.208
DEMA 257C / 259CT WHITE ROLLER ASSEMBLY	25.209
DEMA 259CT 24 HOUR 120 VAC ELECTRO MECHANICAL TIMER	25.214
DEMA 259CT BRASS SPRAY NOZZLE ASSEMBLY COMPLETE	25.215
DEMA 259CT CIRCUIT BOARD COMPLETE	25.216
DEMA 259CT PUMP MOTOR - 120 VOLT AC 120 RPM MOTOR 18 OUNCE PER MINUTE	25.217
DEMA 259CT WIRING HARNESS COMPLETE	25.218

DEMA MODEL 259D
DRAIN MASTER™ JUNIOR



PART NO.	DESCRIPTION
25-65CN	PUMP TUBE (NEOPRENE)
25-65CE	PUMP TUBE (EPDM)
25-65CV	PUMP TUBE (VITON)
25-66C	MOTOR
25-67C2	PUMP HEAD
25-68-0	CHEMICAL FEED TUBE
25-68-20	SUPPLY TUBE
25-74-4	TIE WRAP KIT
25-83C2	FACE PLATE
25-84C2	ROLLER BLOCK
25-85S	MACH. SCREW 1 5/8 LG
25-85L	MACH. SCREW 2 LG
25-92	VACUUM SWITCH
25-103	UNION TEE
25-104-9	VINYL TUBING X 6" LG

FIG. 1

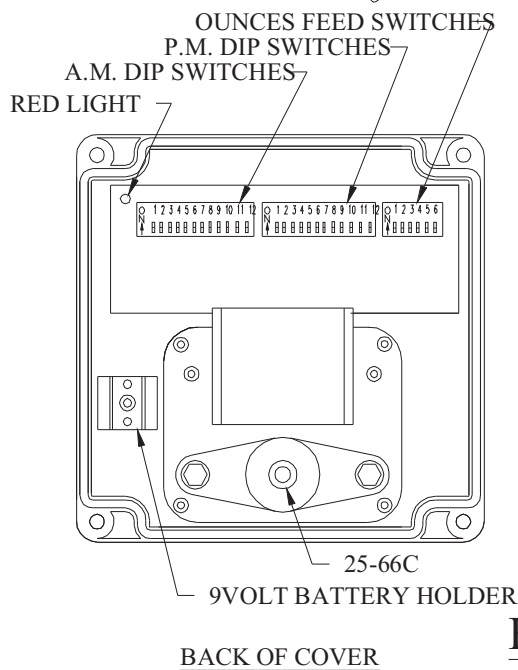
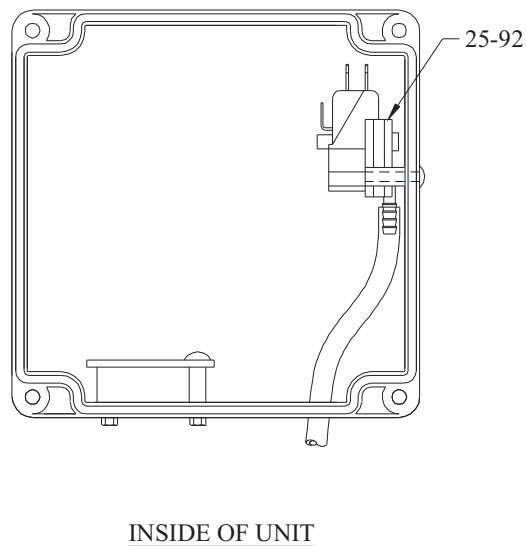
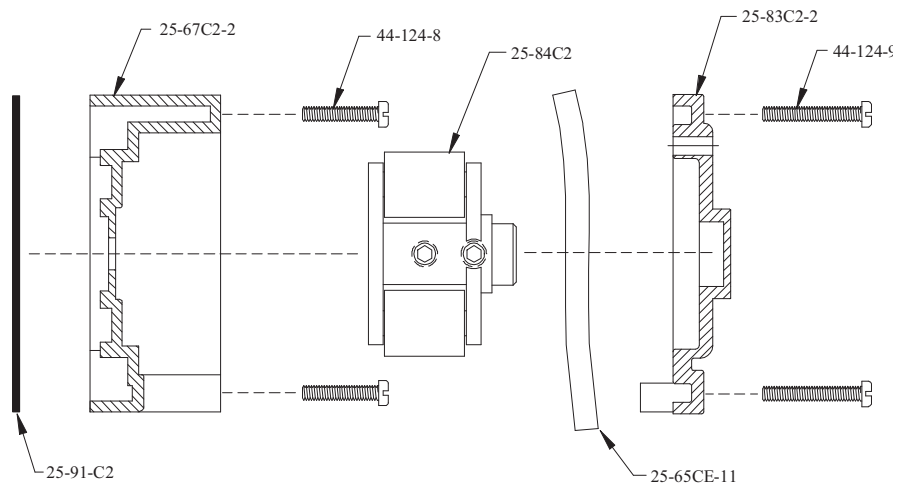
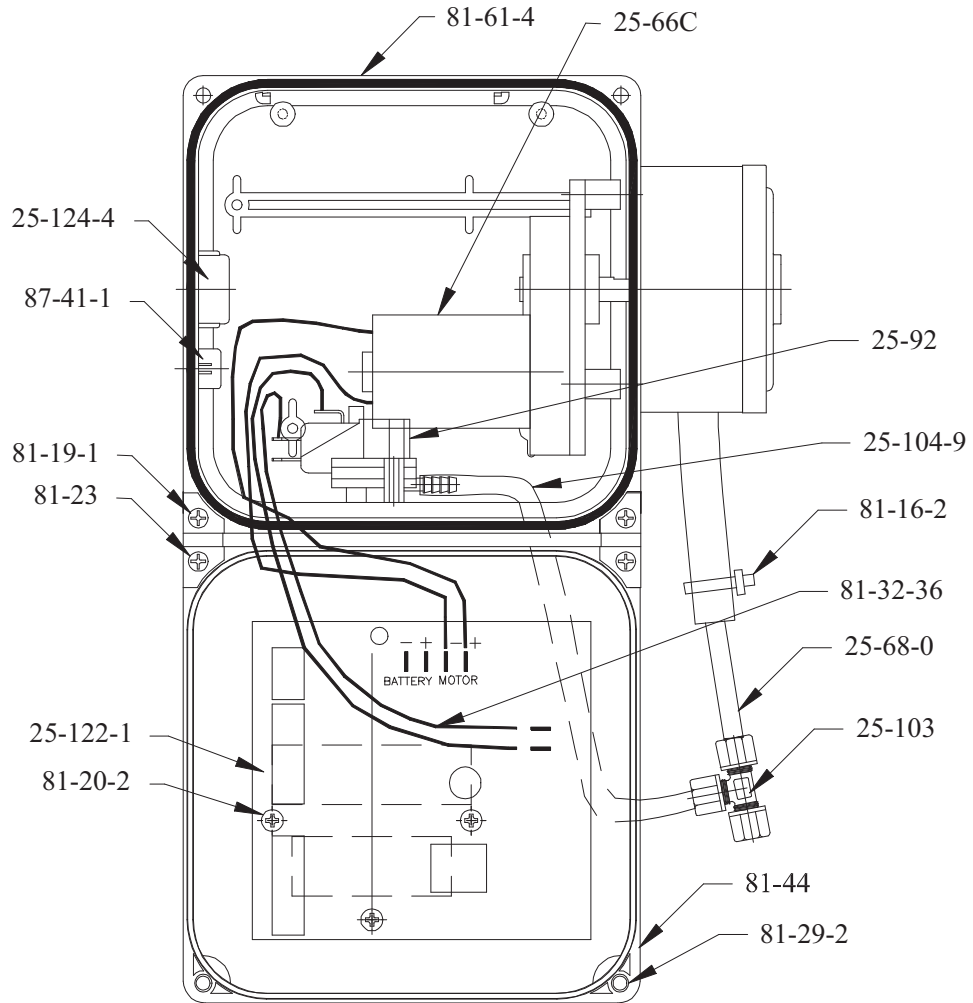


FIG. 2



DEMA® MODEL 259BD

DRAIN MASTER™ JUNIOR WITH LOW LEVEL ALARM



C2 PUMP ASSEMBLY



WAREWASH DISPENSERS

TITAN, TITAN EXPRESS,

TITAN II, TITAN II EXPRESS

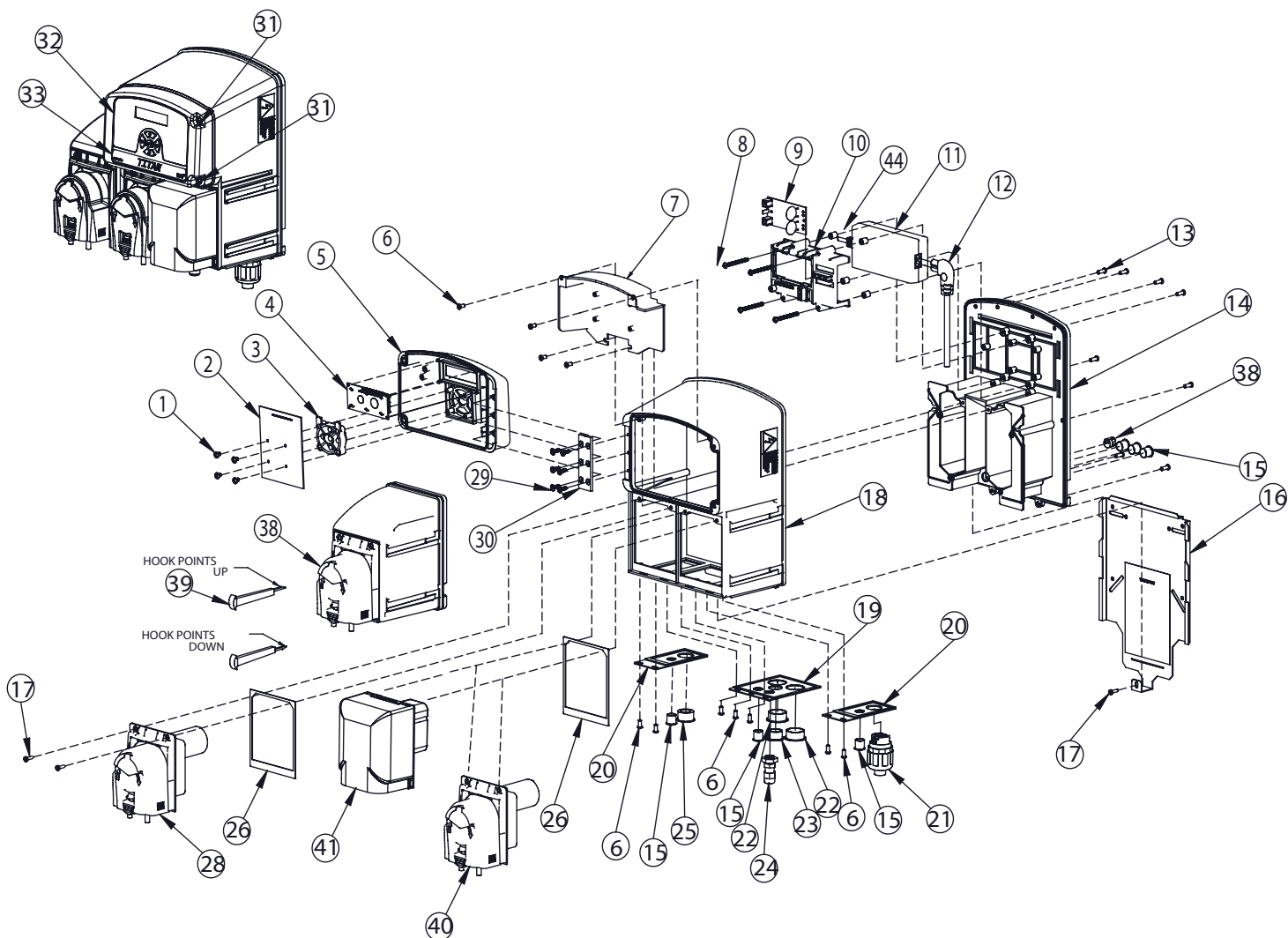
NITRO, NITRO EXPRESS

OLYMPIAN

DEMA MASTER PROBE

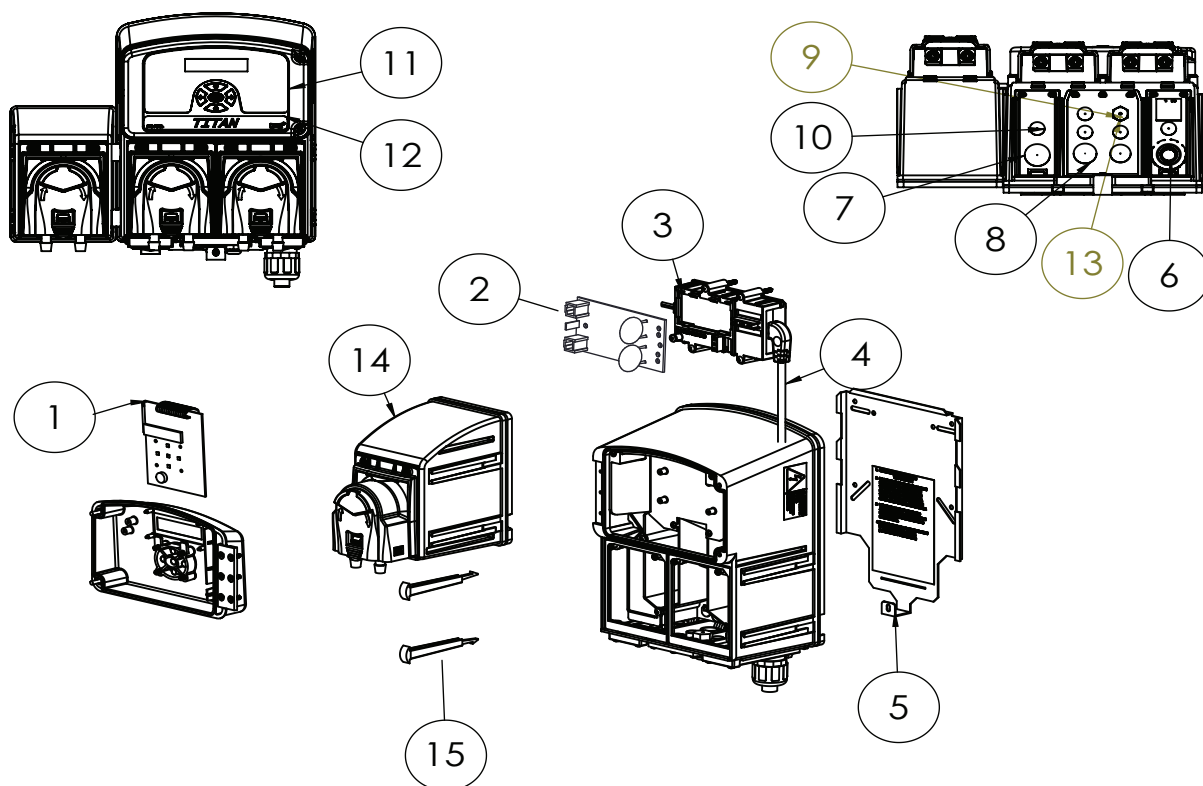
DEMA MASTER PROBELESS

DEMA MASTER NE



NO.	QTY.	DEMA NO.	DESCRIPTION
1	4	81-20-1	#4 HI-LO SCREW
2	1	81-118-20	CONTROL BOARD AND DISPLAY ASSY.
3	1	81-147-1	KEY PAD
4	1	81-139-1	CONTROL COVER
5	1	44-116-2	#8 X 3/8" HI-LO SCREW
6	11	81-137-1	FIRE WALL
7	1	41-63-10	#8-32 X 1 3/4 PHIL. SS SCREW
8	4	81-118-11-3	TRIGGER BOARD
9	1	81-138-1	POWER SUPPLY BRACKET
10	1	81-118-13	POWER SUPPLY (includes 81-155-2 power supply cable)
11	1	81-155-2	POWER SUPPLY CABLE
12	1	44-116-1	#8 X 1/2 HI-LO SCREW
13	8	81-170-1	ENCLOSURE ASSY. BACK
14	1	81-47-1	1/2" HOLE PLUG
15	7	81-187-1	MOUNTING BRACKET
16	1	41-40-2	#6-32 X 1/2 PHIL SS SCREW
17	5	81-168-1	ENCLOSURE ASSY.
18	1	81-186-8	LARGE ACCESS PANEL ASSY.
19	1	81-186-5	SMALL ACCESS PANEL ASSY. W/TWO HOLE PLUGS
20	1	81-186-6	SMALL ACCESS PANEL ASSY. W/CONDUIT FITTING
21	1	81-148-3	CONDUIT FITTING
22	2	81-47-6	1" HOLE PLUG
23	1	81-47-5	3/4" HOLE PLUG
24	1	81-16	LIQUID FEED THRU
25	1	81-47-4	HOLE PLUG - 1/2"
26	2	81-159-1	GASKET - PUMP BASE
27	1	81-178-1	VALVE BRACKET ASSY.
28	1	81-173-2	MOTOR AND RINSE PUMP HEAD ASSEMBLY - 15 RPM (For T-812-LL, T-813-LLL)
29	6	81-19-7	#8 SCREW (HINGE SCREW)
30	1	81-140-1	HINGE
31	2	81-29-2	CAPTIVE SCREW
32	1	L1019	DISPLAY LABEL
33	1	L1020	TITAN LABEL
34	2	81-153-1	TRIGGER CABLE
35	2	81-32-44	RED CABLE ASSEMBLY
36	2	81-32-43	BLACK CABLE ASSEMBLY
37	1	81-181-2	PROBE CABLE - 15' Lg.
38	1	81-118-18	PUMP MODULE ASSY. - SANITIZER (For T-812-LLL, T-812-DLL)
39	2	81-144-1	SIDE MODULE JOINT
40	1	81-173-1	MOTOR AND DETERGENT PUMP HEAD ASSEMBLY - 60 RPM (SEE BREAKOUT DRAWING)
41	1	81-118-19	SOLENOID VALVE KIT (For T-811-D, T-812-DL, T-813-DLL)
42	1	81-32-49	RED CABLE ASSEMBLY 16"
43	1	81-32-48	BLACK CABLE ASSEMBLY 16"
44	4	81-193	SPACER

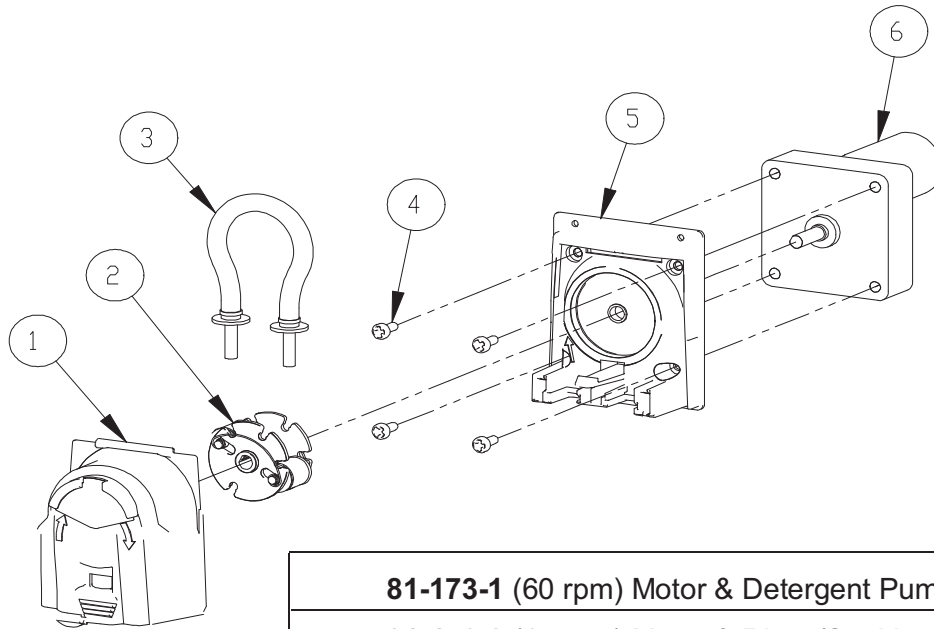
DEMA *TITAN™* & *TITAN EXPRESS* WAREWASH CONTROL T.812 & T.813 SERIES



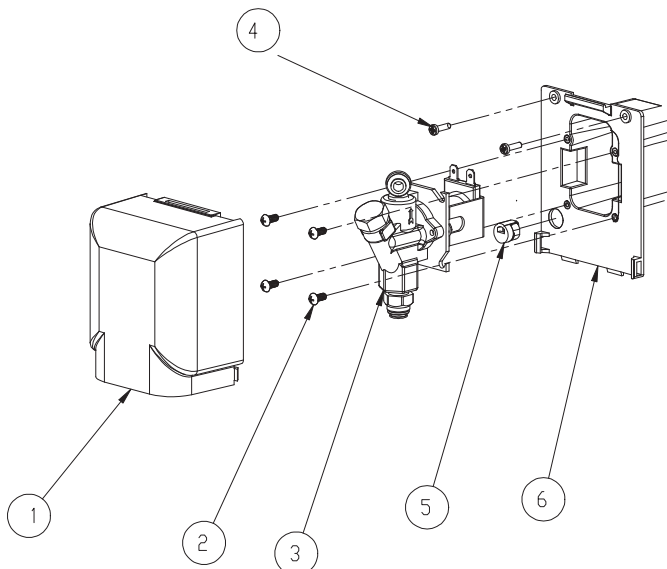
NO.	QTY.	DEMA NO.	DESCRIPTION
1	1	81-118-20	CONTROL BOARD AND DISPLAY ASSY. (TITAN)
		81-118-27	CONTROL BOARD AND DISPLAY ASSY. (TITAN EP)
2	1	81-118-11-2	TRIGGER BOARD WITH TERMINAL BLOCK
3	1	81-118-13	POWER SUPPLY (includes 81-155-2 power supply cable)
4	1	81-155-2	POWER SUPPLY CABLE
5	1	81-187-1	MOUNTING BRACKET
6	1	81-148-3	CONDUIT FITTING
7	2	81-47-6	1" HOLE PLUG
8	1	81-47-5	3/4" HOLE PLUG
9	1	81-16	LIQUID FEED THRU
10	1	81-47-4	HOLE PLUG - 1/2"
11	1	L1019	DISPLAY LABEL
12	1	L1020	TITAN LABEL
13	1	81-181-2	PROBE CABLE – 15' Lg.
14	1	81-118-18	PUMP MODULE ASSY. - SANITIZER (For T-812-LLL, T-812-DLL)
15	2	81-144-1	SIDE MODULE JOINT

81.118.12	TRIGGER CABLE REPLACEMENT KIT
81-118-11-4	TRIGGER CABLE – SOURCE TO BOARD
82-23-1	MAGNETIC FIELD READER KIT
82-28-1	INDUCTIVE PROBE KIT

DEMA *TITAN™* & *TITAN EXPRESS* WAREWASH CONTROL T.812 & T.813 SERIES



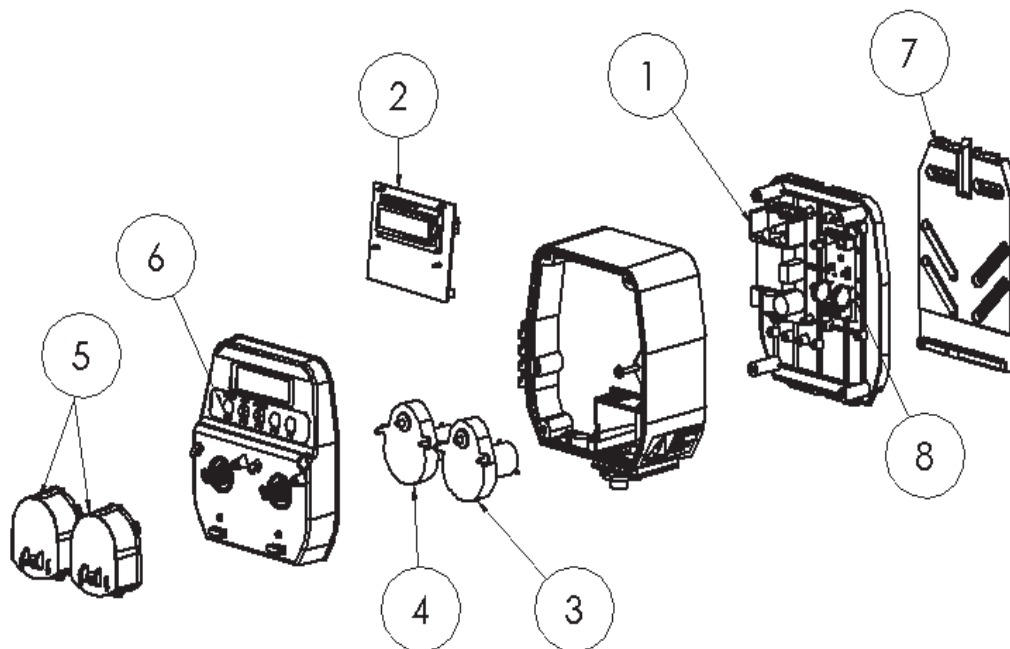
81-173-1 (60 rpm) Motor & Detergent Pumphead Assy.			
81-173-2 (15 rpm) Motor & Rinse/Sanitizer Pumphead Assy.			
NO.	QTY.	DEMA NO.	DESCRIPTION
1	1	81-174-1	PUMP COVER
2	1	81-172-1 (Detergent) 81-172-2 (Rinse/Sanitizer)	ROLLER ASSY.
3	1	81-177-1 (Detergent) 81-177-2 (Rinse/Sanitizer)	SQUEEZE TUBE (includes plastic connectors)
	2	81-176-1 (Detergent) 81-175-1 (Rinse/Sanitizer)	Plastic connectors <u>only</u>
4	4	25-85-2	SCREW
5	1	81-128-2	PUMP BASE
6	1	80-59-60MK (Detergent) 80-59-15MK (Rinse/Sanitizer and Pump Module Assembly.)	GEARMOTOR
1 oz.		81-17-5	SILICONE LUBE PACKET



81-118-19 SOLENOID VALVE KIT			
NO.	QTY.	DEMA NO.	DESCRIPTION
1	1	81-146-1	VALVE COVER
2	4	41-63-2	MACHINE SCREW
3	1	81-180-1	TITAN VALVE ASSY.
4	2	41-40-2	SS SCREW
5	1	81-183-1	CABLE STRAIN RELIEF
6	1	81-178-1	VALVE BRACKET ASSY.

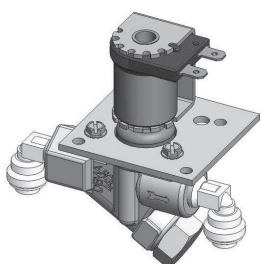
DEMA Nitro

Ware Wash Chemical Dispensing

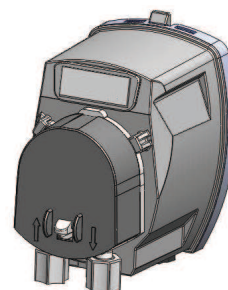


NO.	KIT NO.	DESCRIPTION
1	81.316.1	NITRO/NITRO EXPRESS POWER SUPPLY REPLACEMENT KIT
2	81.316.12	NITRO CONTROL BOARD REPLACEMENT
3	81.316.4	NITRO/EXPRESS DETERGENT PUMP HEAD & MOTOR CONV OR REPLACEMENT KIT
	81.316.10	NITRO/NITRO EXPRESS DETERGENT MOTOR ONLY REPLACEMENT KIT
	81.316.6	NITRO/NITRO EXPRESS DETERGENT VALVE CONVERSION AND REPLACEMENT KIT
4	81.316.5	NITRO/NITRO EXPRESS RINSE PUMP HEAD AND MOTOR REPLACEMENT KIT
	81.316.11	NITRO/NITRO EXPRESS RINSE MOTOR ONLY REPLACEMENT KIT
5	81.316.8	NITRO/NITRO EXPRESS DETERGENT PUMP HEAD ONLY REPLACEMENT KIT
	81.316.9	NITRO/NITRO EXPRESS RINSE PUMP HEAD ONLY REPLACEMENT KIT
	25.21.4	SINGLE SQUEEZE TUBE REPLACEMENT KIT
	25.21.5	BULK (5) SQUEEZE TUBE REPLACEMENT KIT
6	L1113	MEMBRANE LABEL
7	81.275.1	MOUNTING BRACKET
8	81.118.11.2	TRIGGER BOARD REPLACEMENT KIT (BOARD ONLY)
	81.118.11.4	TRIGGER WIRE SOURCE TO BOARD KIT (WIRE ONLY)
	82.23.1	MAGNETIC FIELD READER, FLUX SENSOR KIT

82.28.1	INDUCTIVE PROBE KIT
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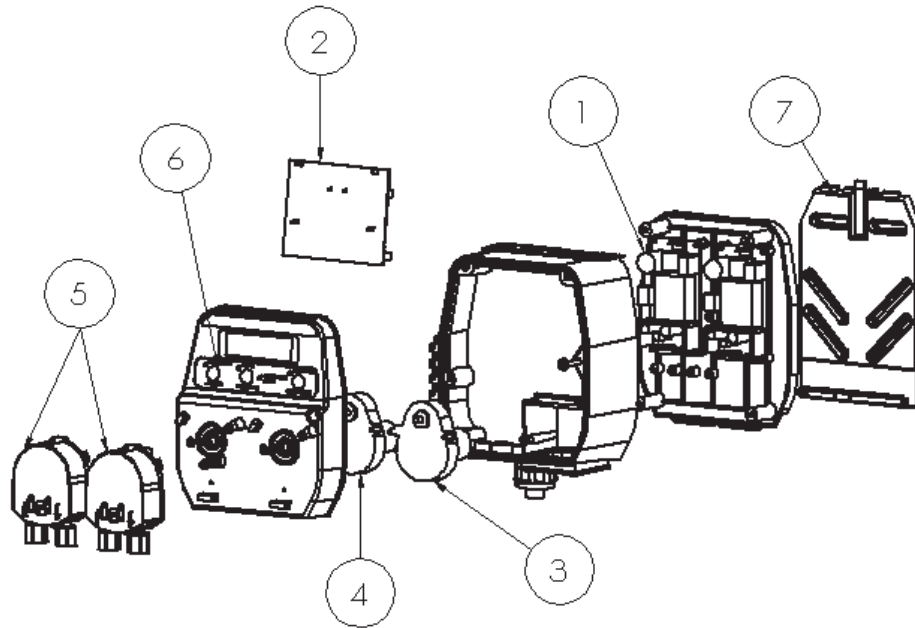


81.316.6 NITRO/NITRO EXPRESS
DETERGENT VALVE CONVERSION
AND REPLACEMENT KIT
58.104.2 – J.G. ELBOW FITTING



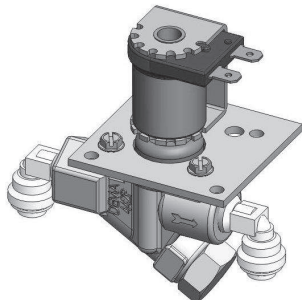
O.ADC NITRO/NITRO EXPRESS
SANITIZER PUMP WITH TUBING
AND ACCESORIES

DEMA Nitro Express Ware Wash Chemical Dispenser

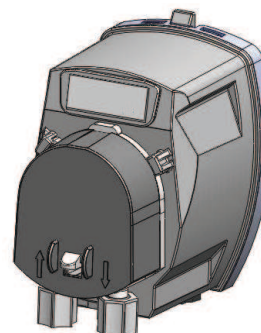


NO.	KIT NO.	DESCRIPTION
1	81.316.1	NITRO/NITRO EXPRESS POWER SUPPLY REPLACEMENT KIT (TRIGGER OUTPUT TRANSFORMER)
2	81.316.2	CONTROL BOARD NITRO EXPRESS FOR 2 PRODUCT (DETERGENT/RINSE)
	81.316.3	CONTROL BOARD NITRO EXPRESS WITH SANITIZER (3 PRODUCT)
3	81.316.4	NITRO/EXP. DETERGENT PUMP HEAD AND MOTOR CONV. AND REPLACEMENT KIT
	81.316.10	NITRO/NITRO EXPRESS DETERGENT MOTOR ONLY REPLACEMENT KIT
	81.316.6	NITRO/NITRO EXPRESS DETERGENT VALVE CONVERSION AND REPLACEMENT KIT
4	81.316.5	NITRO/NITRO EXPRESS RINSE PUMP HEAD AND MOTOR REPLACEMENT KIT
	81.316.11	NITRO/NITRO EXPRESS RINSE MOTOR ONLY REPLACEMENT KIT
5	81.316.8	NITRO/NITRO EXPRESS DETERGENT PUMP HEAD ONLY REPLACEMENT KIT
	81.316.9	NITRO/NITRO EXPRESS RINSE PUMP HEAD ONLY REPLACEMENT KIT
	25.21.4	SINGLE SQUEEZE TUBE REPLACEMENT
	25.21.5	BULK (5) SQUEEZE TUBE REPLACEMENT
6	L1115	MEMBRANE LABEL
7	81.275.1	MOUNTING BRACKET

KIT NO.	DESCRIPTION
81.316.7	NITRO/NITRO EXPRESS SANITIZER PUMP CONVERSION KIT (INCLUDING CONTROL BOARD)

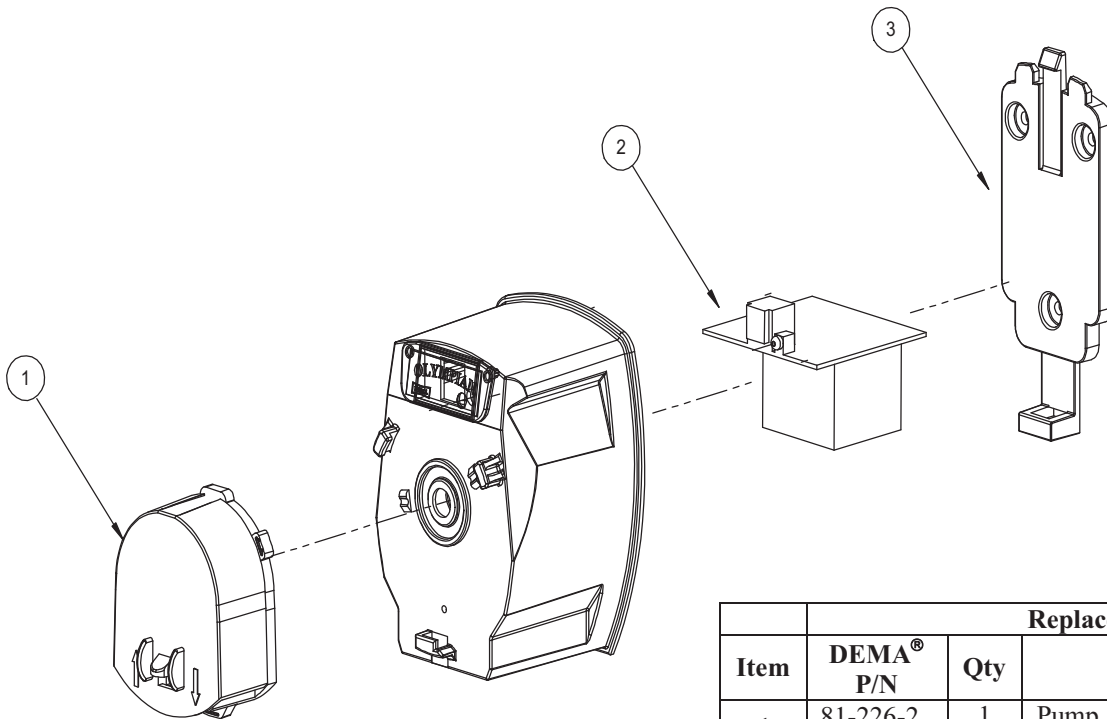


**81.316.6 NITRO/NITRO EXPRESS DETERGENT
VALVE CONV. AND REPLACEMENT KIT**
58.104.2- J.G. ELBOW FITTING FOR VALVE

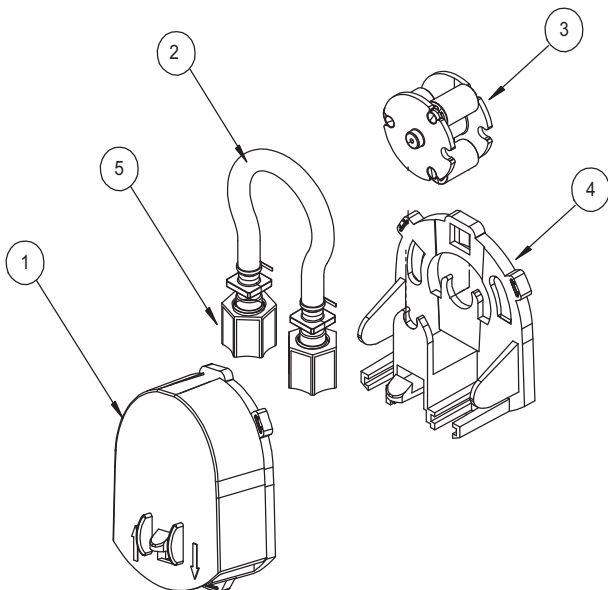


**O.ADC NITRO/NITRO EXPRESS
SANITIZER PUMP WITH TUBING
AND ACCESORIES**

DEMA Olympian Mini Pumps O-PDV & O-RDV

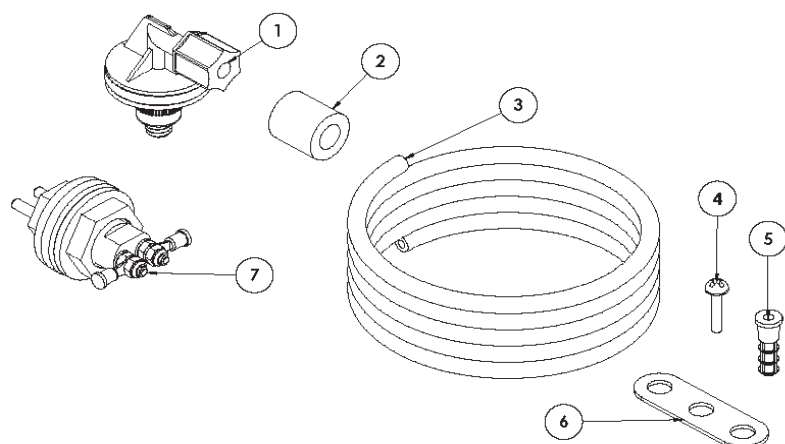


Replacement Parts			
Item	DEMA® P/N	Qty	Description
1	81-226-2	1	Pump Assembly - Detergent
	81-226-1	1	Pump Assembly - Rinse/Sanitizer
2	81-223-5	1	Probeless Control Board - Detergent
	81-223-4	1	Control Board - Rinse/Sanitizer
3	81-223-1	1	Mounting Bracket

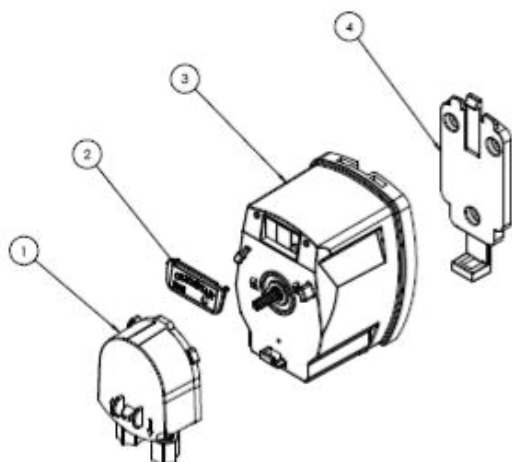


Replacement Parts			
Item	DEMA® P/N	Qty	Description
1	81-240-1	1	Pump Bore
2	81-231-1	1	Squeeze Tube Assy.
3	81-218-2	1	Roller Block - Detergent
	81-218-1	1	Roller Block - Rinse/Sanitizer
4	81-240-2	1	Pump Base
5	80-67-13	2	Compression Nut

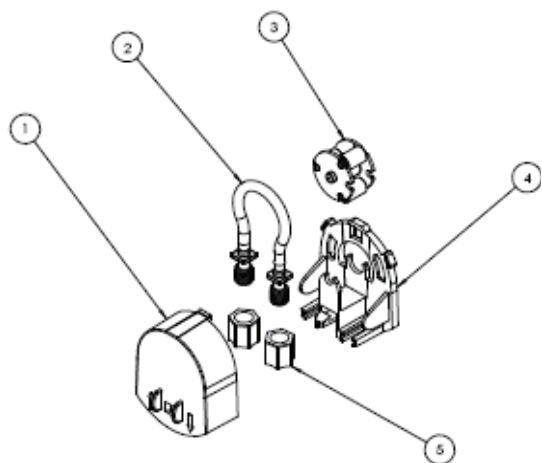
PARTS CHECKLIST BY OLYMPIAN MODEL



ITEM	PART NO.	DESCRIPTION	Red	
			O-CHV	O-CDV
Model	81-232-1	Olympian	1	-
	81-232-2		-	1
1.	81-260-1	Detergent Bulkhead Fitting	1	1
2.	61-107-4	Ceramic Weight	1	1
3.	24-10-11	Tubing Vinyl 1/4"OD x 1/8"ID	1	1
4.	30-37	Screw	3	3
5.	66-121	Wall Anchor	3	3
6.	81-248-1	Weight Retainer	1	1
7.	C-12B	Probe Assembly	1	1
	81-16	Feed Through (not shown)	1	1

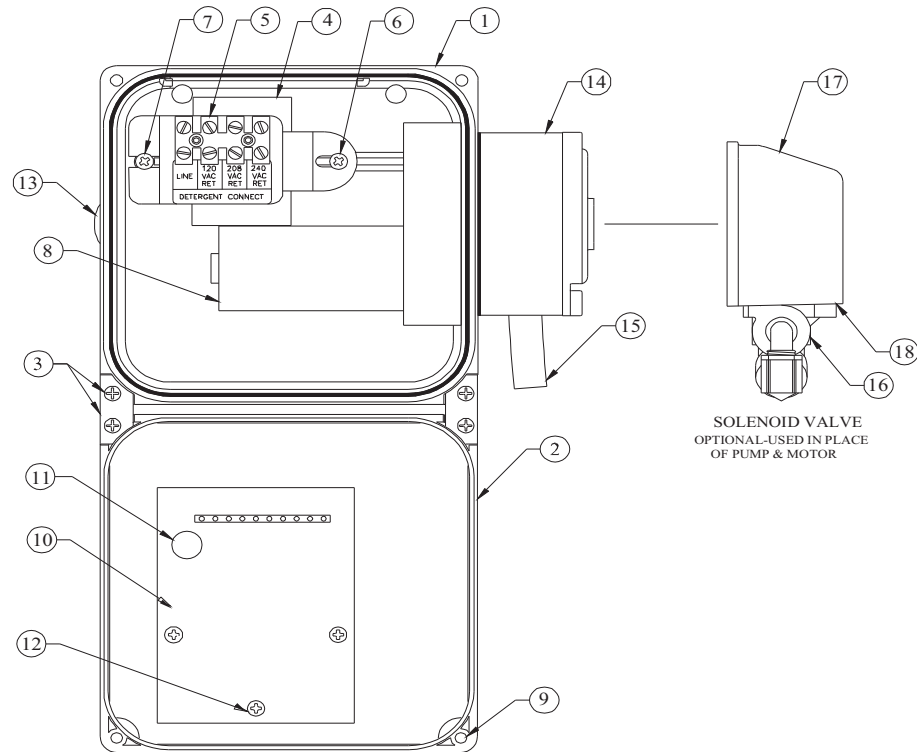


Replacement Parts			
Item	DEMA® P/N	Qty	Description
1	81-226-2	1	Detergent Pump Assembly
2		1	Cover with Label
3		1	Olympian Detergent Control (no pump included)
4	81-223-1	1	Mounting Bracket



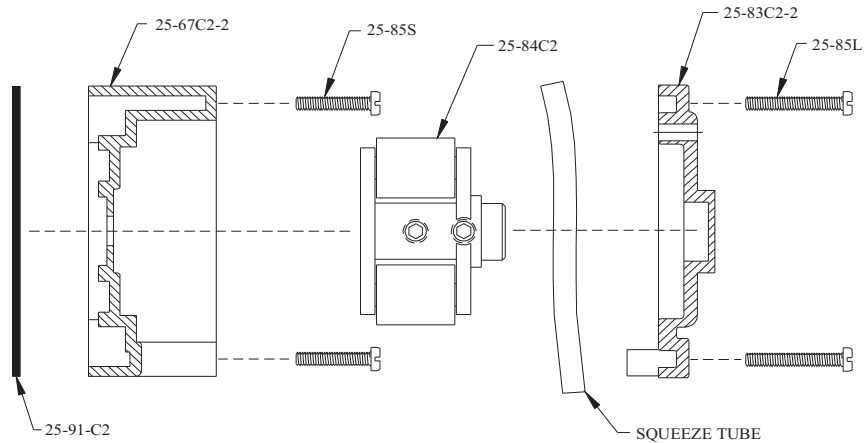
Pump Replacement Parts			
Item	DEMA® P/N	Qty	Description
1	81-240-1	1	Pump Bore
2	81-231-1	1	Squeeze Tube Assembly
3	81-218-2	1	Roller Block Assembly - Detergent
4	81-240-2	1	Pump Base
5	80-67-13	2	Compression Fittings

DEMATM Master DM-811 Series (Probe & Probeless)



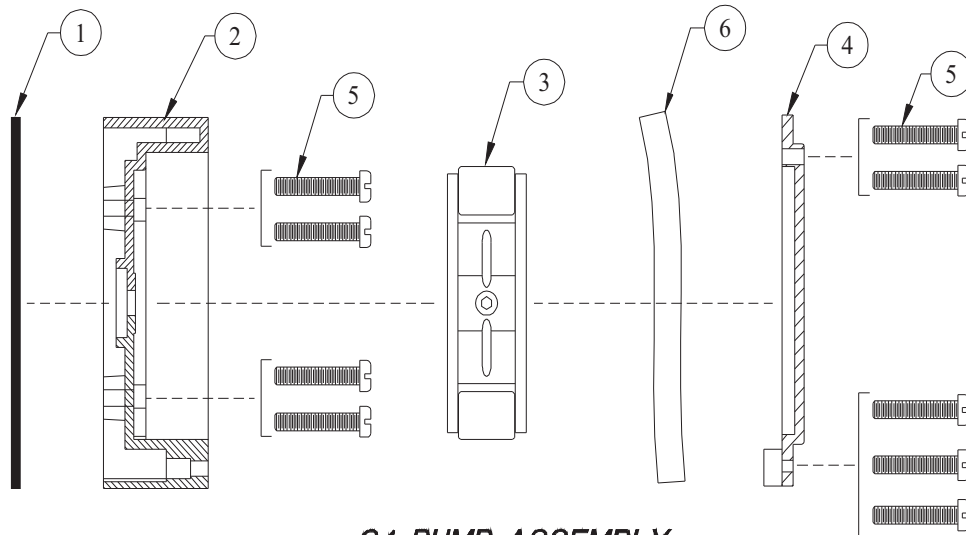
General Components			
Item No	DEMA P/N	Qty Required	Description
1	81-40	1	Electrical Enclosure
2	81-41	1	Electrical Enclosure Lid
3	81-6	1	Hinge and Screw Kit
4	80-70	1	Transformer 40VA
5	81-10-1	1	Terminal Block and Bracket Assembly
6	44-116-2	1	# 8 X 3/8 HI-LO Screw (Mounting Transformer)
7	44-116-1	1	# 8 x 1/2 HI-LO Screw (Mounting Transformer)
8	80-59-60	1	Gear Motor 60 RPM
9	81-29-2	2	Captive Screw
10	81-118-26	1	Control Board - Probe
	81-118-21	1	Control Board - Probeless
	81-118-3	1	Rinse Board
11	80-99	1	Coin Cell Battery Type CR2032 (Probeless Board Only)
12	81-20-2	3	# 4 HI-LO Screw (Mounting Pro-bless Control)
13	81-47-1	1	Hole Plug
14	25-C2D	1	Detergent Pump Head Kit
	25-C2	1	Rinse Pump Head Kit (3 Roller Block)
15	25-65CE-11	1	Squeeze Tube (Detergent)
	25-65RE-11	1	Squeeze Tube (Rinse)
16	44-123-4B	1	Valve Assy.
17	44-125	1	Solenoid Cover
18	44-116-1	1	#8 Hi-Lo Screw

DEMATM Master DM-811 Series (Probe & Probeless)



C2 PUMP ASSEMBLY

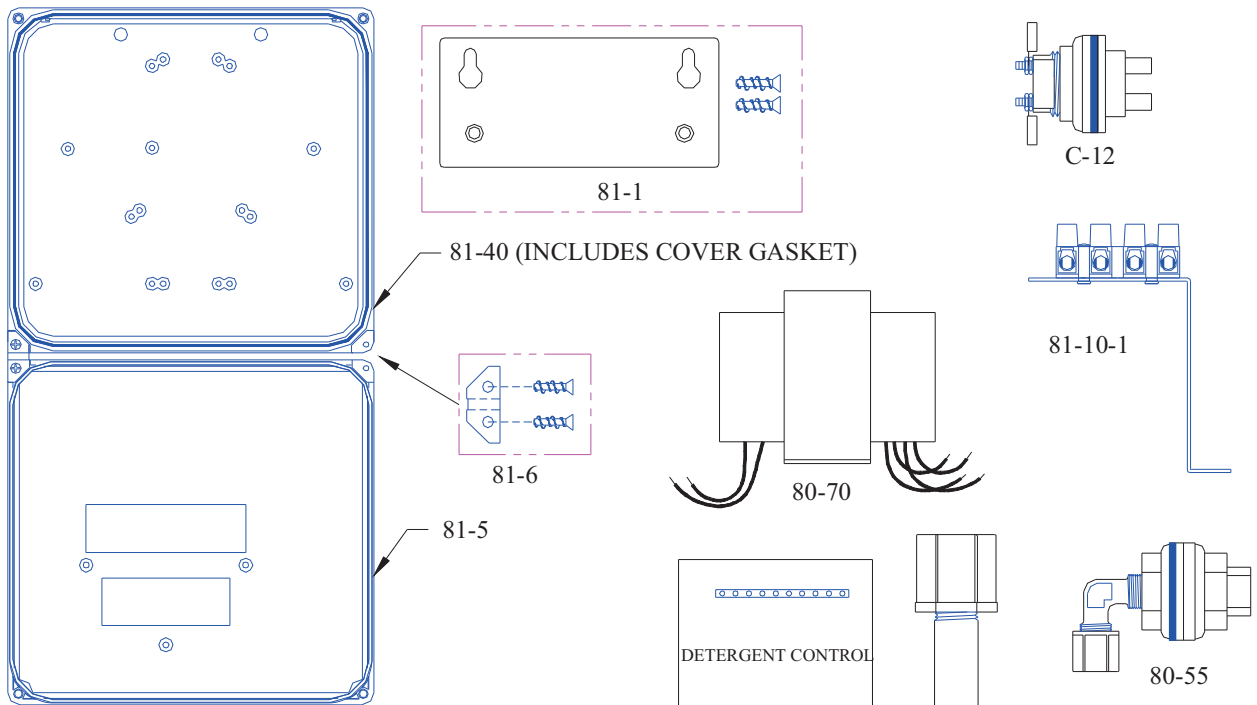
C2 Pump Replacement Parts	
Part No.	Description
25-91-C2	C2 Pump Head Gasket
25-67C2-2	C2 Pump Head
25-84C2	C2 Roller Block (2 roller)
25-83C2-2	C2 Face Plate
25-85S	#10-32 X 1 3/4" Machine Screw
25-85L	#10-32 X 2 1/4" Machine Screw
25-C2D	C2 Pump Head Kit (kit includes C2 Pump parts listed in this table except squeeze tubes)
25-65CE-11	1/2"OD x 1/4" ID Squeeze Tube EPDM
25-65RE-11	1/2"OD x 3/16" ID Squeeze Tube EPDM
25-65CV-11	1/2" OD x 1/4" ID Squeeze Tube Viton



C4 PUMP ASSEMBLY

C4 Pump Replacement Parts		
Item No.	DEMA Part No.	Description
1	25.114C4	C4 Pump Head Gasket
2	25.129.1	C4 Pump Head Assembly
3	25.86C4	C4 Roller Block Assembly
4	25.87C4	C4 Face Plate
5	25.85.5	#10-32 x 1" Machine Screw
6	25.89CE.14	Squeeze Tube 5/8" OD x 3/8" ID

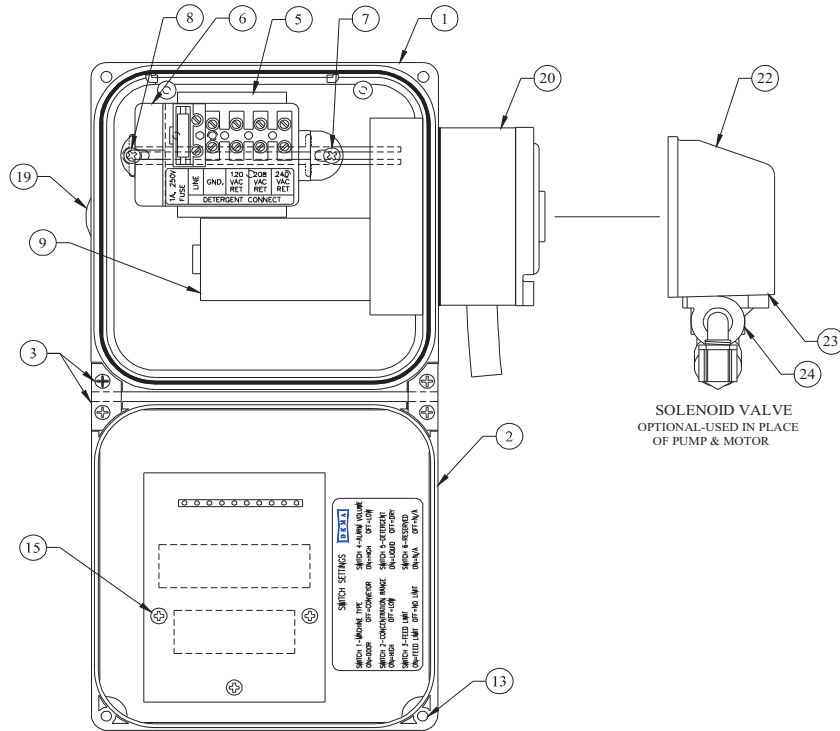
DEMAMaster™ MODEL DM-811-L OR D



PART NO.	DESCRIPTION
25-65CE11	SQUEEZE TUBE-EPDM-C2
25-65CN11	SQUEEZE TUBE-SANTOPRENE-C2
25-65CU11	SQUEEZE TUBE-VITON-C2
25-67-C2	PUMP HEAD-C2
25-68-20	POLYETHYLENE TUBE 1/4 OD X 20' LG (NOT SHOWN)
25-74-4	TIE WRAP KIT-4" (NOT SHOWN)
25-74-8	TIE WRAP KIT-8" (NOT SHOWN)
25-83-C2	FACE PLATE-C2
25-84-C2	ROLLER BLOCK, C2, 2 ROLLER
25-85-5	MACHINE SCREW 10-32 X 1 LG
25-85L	10-32 X 2 MACH SCREW
25-85S	10-32 X 1 5/8 MACH SCREW
25-86C4	ROLLER BLOCK C4
25-87C4	FACE PLATE C4
25-88C4	PUMP HEAD C4
25-89CE14	SQUEEZE TUBE-EPDM-C4
25-91-C2	GASKET- C2 PUMP
25-114C4	GASKET C4 PUMP
44-124-2	MACHINE SCREW 10-24 X 1 1/2 LG
44-125	COVER-SOL. COIL
80-55	BULKHEAD FITTING
80-59-60	GEARMOTOR-60 RPM
80-66	PICK UP TUBE ASSY-10"
80-66-2	PICK UP TUBE ASSY-18"
80-66-3	PICK UP TUBE ASSY-38"
80-68	P.C. BOARD
80-70	TRANSFORMER
81-1	WALL BRACKET KIT
81-4-1	LABELS (NOT SHOWN)
81-5	CONTROL BOX LID W/ CAPTIVE SCREWS
81-6	HINGE W/ SCREWS
81-7	FUSE-1A, 250 VOLT (NOT SHOWN)
81-40	ELECTRICAL ENCLOSURE

PART NO.	DESCRIPTION
81-8-2	WIRE NUT-BLUE (NOT SHOWN)
81-8-3	WIRE NUT-ORANGE (NOT SHOWN)
81-9	FUSE HOLDER (NOT SHOWN)
81-10-1	TERM BLOCK AND BRACKET
81-11	COVER GASKET
81-13-10	MODULAR CONNECTOR-10 POLE
81-45-1	LABEL KIT (WITH TRANSFORMER)
81-45-2	LABEL KIT (NO TRANSFORMER)
904-8S	CHECK VALVE-1/4"
904-4S	CHECK VALVE-1/8"
C-12	CONDUCTIVITY CELL (NOT ON PROBLEM)
P442J-WW-4	SOLENIOD VALVE ASSEMBLY

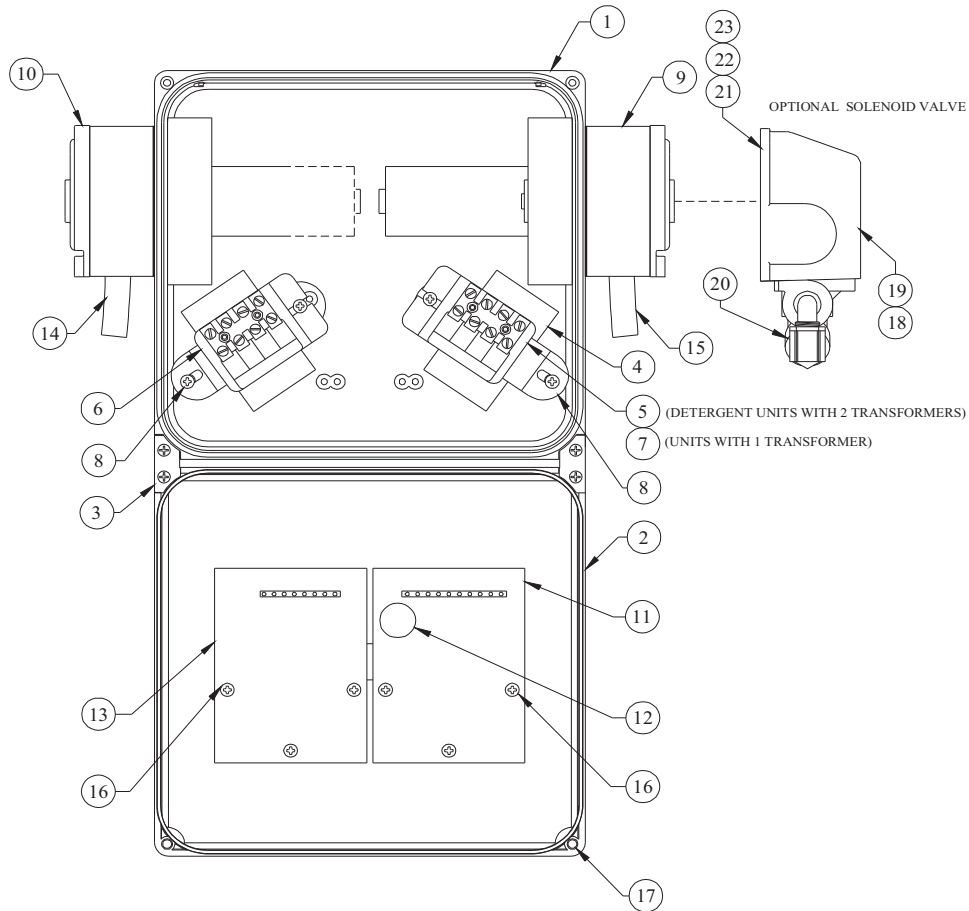
DEMAMaster™ DM-811C Series



General Components			
Item No	DEMA P/N	Qty Required	Description
1	81-40	1	Electrical Enclosure
2	81-41	1	Electrical Enclosure Lid
3	81-6	1	Hinge and Screw Kit
4	81-1	1	Wall Mounting Bracket Kit (not shown)
5	80-70	1	Transformer 40VA
6	80-102-1	1	Terminal Block and Bracket Assembly
7	44-116-2	1	# 8 X 3/8 HI-LO Screw (Mounting Transformer)
8	44-116-1	1	# 8 x 1/2 HI-LO Screw (Mounting Transformer)
9	125-138-11	1	Fuse 5 X 20MM 1A, 250V
10	80-59-60	1	Gear Motor 60 RPM
11	81-32-1	1	Black Cable Assembly – Pump version only
	81-32-3	1	Black Cable Assembly – Solenoid valve version only
12	81-32-2	1	Red Cable Assembly – Pump version only
	81-32-4	1	Red Cable Assembly – Solenoid valve version only
13	81-29-2	2	Captive Screw
14	See Table 3	1	Control Board, Modular Terminal, & other board accessories
15	81-20-2	3	# 4 HI-LO Screw (Mounting Pro-bless Control)
16	81-13-6	1	Modular Connector – 6 pole
17	L604	1	Caution Label – Electrical (Adhered at top surface)
18	L605	1	Caution Label – Chemical (Adhered at top surface)
19	81-47-1	1	Hole Plug
20	25-C2D	1	Detergent Pump Head Kit
	25-C2	1	Rinse Pump Head Kit (3 Roller Block)
21	44-123-4B	1	Valve Assy.
22	44-125	1	Solenoid Cover
23	44-116-1	1	#8 Hi-Lo Screw

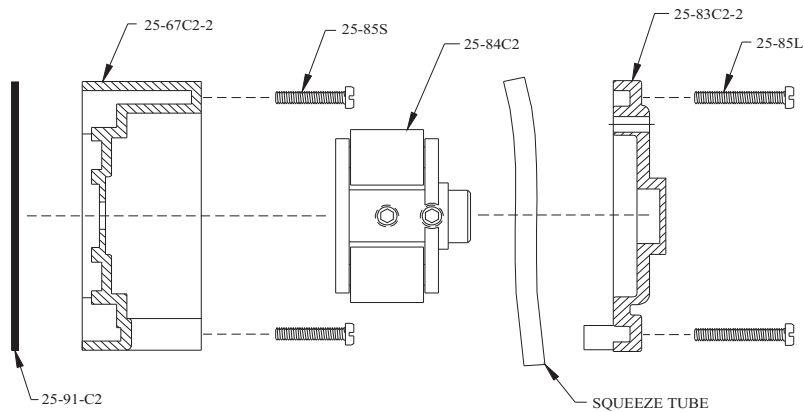
Control Board Accessory Components			
Board Number	Modular Terminal	Shunt	Coin Cell Battery
81-117-1	81-13-10	None	None
80-69-5	81-13-8	82.5	None
80-77-1	81-13-6	None	80-99

DEMATM Master DM-812 Series Probe and Probeless



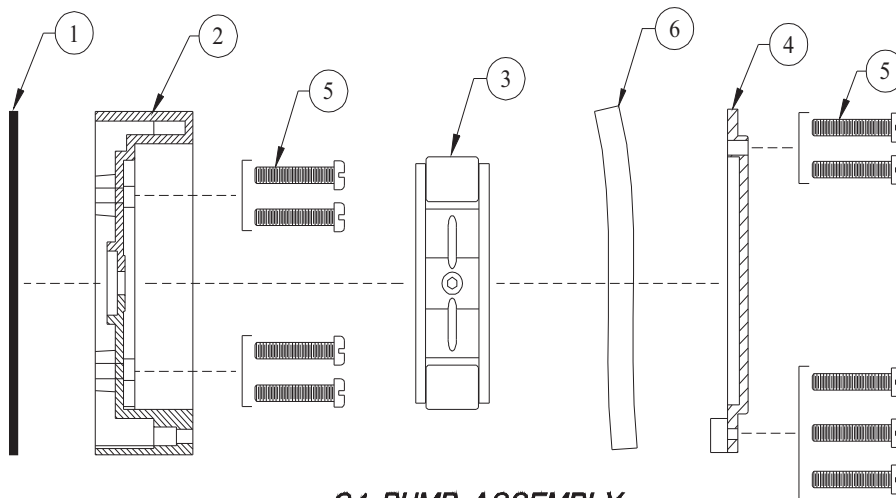
Replacement Parts			
Item No.	DEMA Part No.	Qty Required	Description
1	81-2	1	DEMA TM Master Double Control Box
2	81-5	1	DEMA TM Master Double Control Box Lid
3	81-6	1	Hinge and Screw Kit
4	80-70	1-Qty Model No. ends 1T 2 Qty Model No. ends 2T	Transformer 40VA
5	81-10-1	1	Terminal Block & Bracket Assy. (Detergent, units with 2 transformers)
6	81-10-2	1	Terminal Block & Bracket Assy. (Rinse, units with 2 transformers)
7	81-10-5	1	Terminal Block & Bracket Assy. (units with 1 transformer)
8	44-116-1	2 / Transformer	# 8 x 1/2 HI-LO Screw (mounting transformer)
9	80-59-60MK	1	60 RPM Gear/motor
10	80-59-15MK	1/Rinse	15 RPM Gear /moter
11	81.118.5	1	Probeless Detergent Control
	81.259.1	1	Concntration Detergent Control
12	80-99	1	Coin Cell Battery (CR2032) (for Probeless Detergent Control Board)
13	81.118.3	1 (for 812 Models)	Rinse Control Board (circuit board for controlling rinse)
14	25-65RE-11	2	Squeeze Tube - Rinse
15	25-65CE-11	1	Squeeze Tube - Detergent
16	81-20-2	3 / control board	# 4 HI-LO Screw (mounting circuit boards)
17	81-29-2	2	Captive Screw
18	44-125	1	Solenoid Cover
19	44-116-1	1	Cover Screw
20	44-123-4B	1	Solenoid Valve-Detergent (Dry Feed Models)
21	44-124-2	2	Solenoid Mounting Screw
22	44-29	2	Lock Washer
33	44-90	2	Hex Nut

DEMAMaster™ DM-812 Series Probe and Probeless



C2 PUMP ASSEMBLY

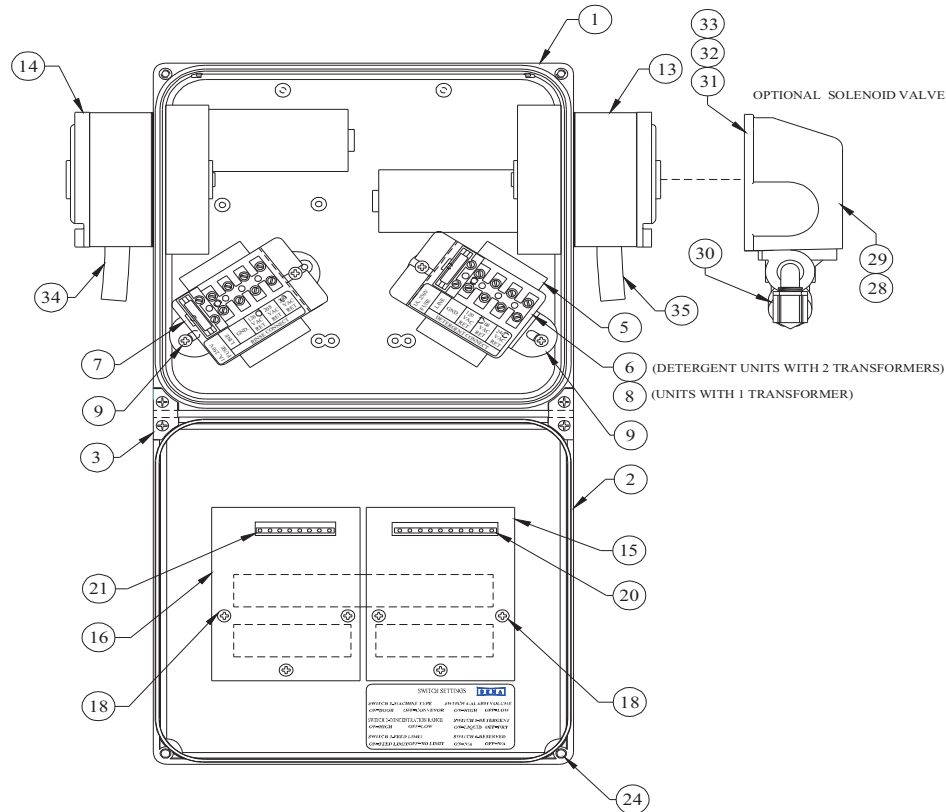
C2 Pump Replacement Parts	
Part No.	Description
25-91-C2	C2 Pump Head Gasket
25-67C2-2	C2 Pump Head
25-84C2	C2 Roller Block (2 roller)
25-83C2-2	C2 Face Plate
25-85S	#10-32 X 1 ¼" Machine Screw
25-85L	#10-32 X 2 ¼" Machine Screw
25-C2D	C2 Pump Head Kit (kit includes C2 Pump parts listed in this table except squeeze tubes)
25-65CE-11	½"OD x ¼" ID Squeeze Tube EPDM
25-65RE-11	½"OD x 3/16" ID Squeeze Tube EPDM
25-65CV-11	½" OD x ¼" ID Squeeze Tube Viton



C4 PUMP ASSEMBLY

C4 Pump Replacement Parts		
Item No.	DEMA Part No.	Description
1	25.114C4	C4 Pump Head Gasket
2	25.129.1	C4 Pump Head Assembly
3	25.86C4	C4 Roller Block Assembly
4	25.87C4	C4 Face Plate
5	25.85.5	#10-32 x 1" Machine Screw
6	25.89CE.14	Squeeze Tube 5/8" OD x 3/8" ID

DEMAMaster™ DM-812C Series



Replacement Parts			
Item No.	DEMA Part No.	Qty Required	Description
1	81-61-1F	1	DEMAMaster Double Control Box
2	85-31F	1	DEMAMaster Double Control Box Lid
3	81-6	1	Hinge and Screw Kit
4	81-1	1	Mounting Bracket Kit
5	80-70	1-Qty Model No. ends 1T 2 Qty Model No. ends 2T	Transformer 40VA
6	81-102-1	1	Terminal Block & Bracket Assy. (Detergent, units with 2 transformers)
7	81-102-2	1	Terminal Block & Bracket Assy. (Rinse, units with 2 transformers)
8	81-102-4	1	Terminal Block & Bracket Assy. (units with 1 transformer)
9	44-116-1	2 / Transformer	# 8 x 1/2 HI-LO Screw (mounting transformer)
10	81-35	1 / Transformer	Fuse Holder
11	81-34-16	1 / Transformer	Fuse 1A, 250V
12	81-36-2	1 / Transformer	Blue Wire Nut
13	80-59-60	1	60 RPM Gear/motor
14	80-59-15	1/Rinse	15 RPM Gear /motor
15	See table 3	1	Detergent Control (circuit board for controlling detergent)
16	80-69-5	1 (for 812 Models)	Rinse Control Board (circuit board for controlling rinse)
17			
18	81-20-2	3 / control board	# 4 HI-LO Screw (mounting circuit boards)
19			
20	81-13-10	1	Modular Connector 10 pole (for Concentration Control Board)
	81-13-6	1	Modular Connector 6 pole (for Pro-bless Detergent Control Board)
21	81-13-8	1	Modular Connector 8 pole (for Rinse and/or Sanitizer Control Board)
22	81-94-1	2 (1 transformer units)	18 AWG Orange Wire – 8" long
23	81-94-2	1 (1 transformer units)	18 AWG Orange Wire – 10" long
24	81-29-2	2	Captive Screw
25	81-47-1	1	Hole Plug
26	L604	1	Caution Label – Electrical
27	L605	1	Caution Label - Chemical
28	44-125	1	Solenoid Cover
29	44-116-1	1	Cover Screw
30	44-123-4B	1	Solenoid Valve-Detergent (Dry Feed Models)
31	44-124-2	2	Solenoid Mounting Screw
32	44-29	2	Lock Washer
33	44-90	2	Hex Nut
34	25-65RE-11	2	Squeeze Tube - Rinse
35	25-65CE-11	1	Squeeze Tube - Detergent

Control Board Accessory Components			
Board Number	Modular Terminal	Shunt	Coin Cell Battery
81-117-1	81-13-10	None	None
80-69-5	81-13-8	82.5	None
80-77-1	81-13-6	None	80-99

PINNACLE™ by DEMA® Series Hardware Manual

DP-812-DL-1T DP-813-DLL-1T
DP-812-LL-1T DP-813-LLL-1T

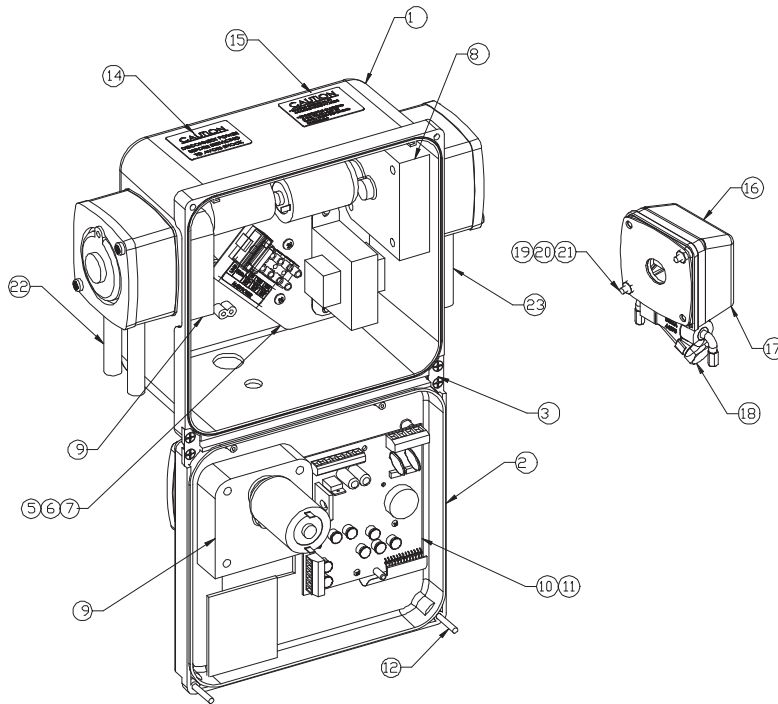
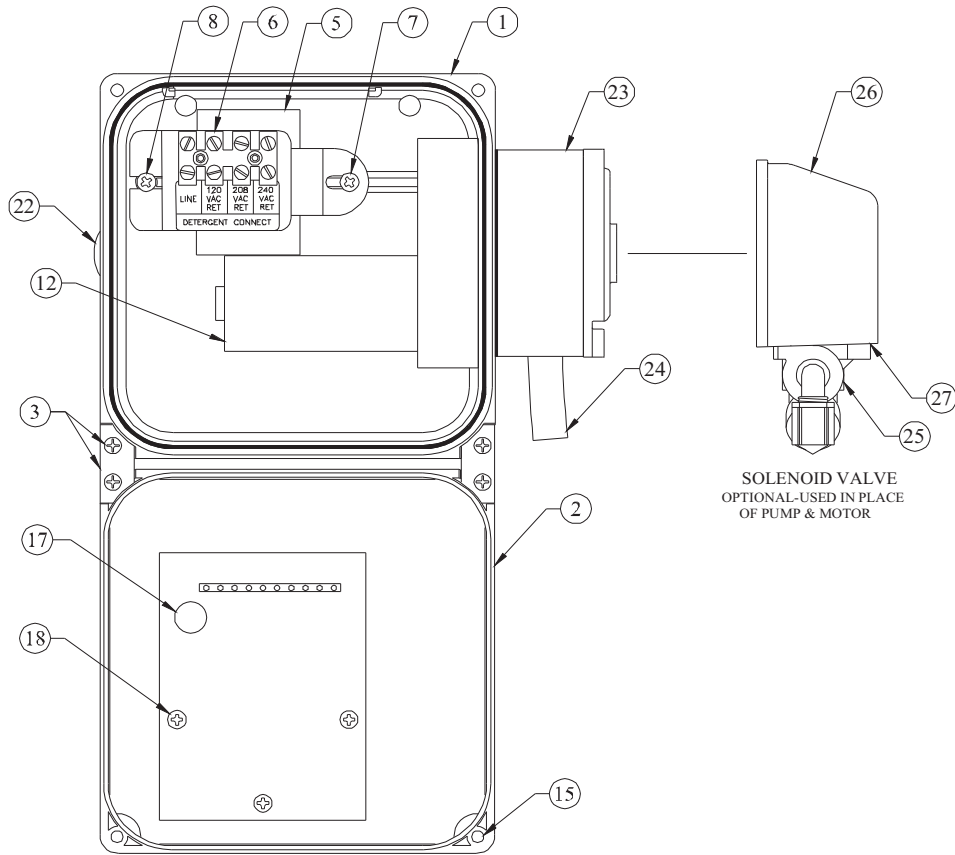


Table 2

Replacement Parts			
Item No.	DEMA Part No.	Qty Required	Description
1	81-2	1	Pinnacle™ by DEMA® Double Control Box
2	81-5	1	Pinnacle™ by DEMA® Double Control Box Lid
3	81-6	1	Hinge and Screw Kit
4	81-1	1	Mounting Bracket Kit
5	81-120-1	1	Transformer, Terminal Block & Bracket Assy.
6	44-116-1	3	# 8 x ½ HI-LO Screw (mounting transformer assy.)
7	81-138-1	1	Fuse 1A, 250V
8	80-59-60CE	1	60 RPM Gear/motor with noise suppression
9	80-59-15CE	1-Rinse, 1-Sanitizer	15 RPM Gear/motor with noise suppression
10	81-116-6	1	Pinnacle™ Control Board
11	81-20-2	3	# 4 HI-LO Screw (mounting circuit board)
12	81-29-2	2	Captive Screw
13	81-47-1	1	Hole Plug
14	L604	1	Caution Label – Electrical
15	L605	1	Caution Label - Chemical
16	44-125	1	Solenoid Cover
17	44-116-1	1	Cover Screw
18	44-123-4B	1	Solenoid Valve-Detergent (Dry Feed Models)
19	44-124-2	2	Solenoid Mounting Screw
20	44-29	2	Lock Washer
21	44-90	2	Hex Nut
22	25-65RE-11	2	Squeeze Tube - Rinse
23	25-65CE-11	1	Squeeze Tube - Detergent

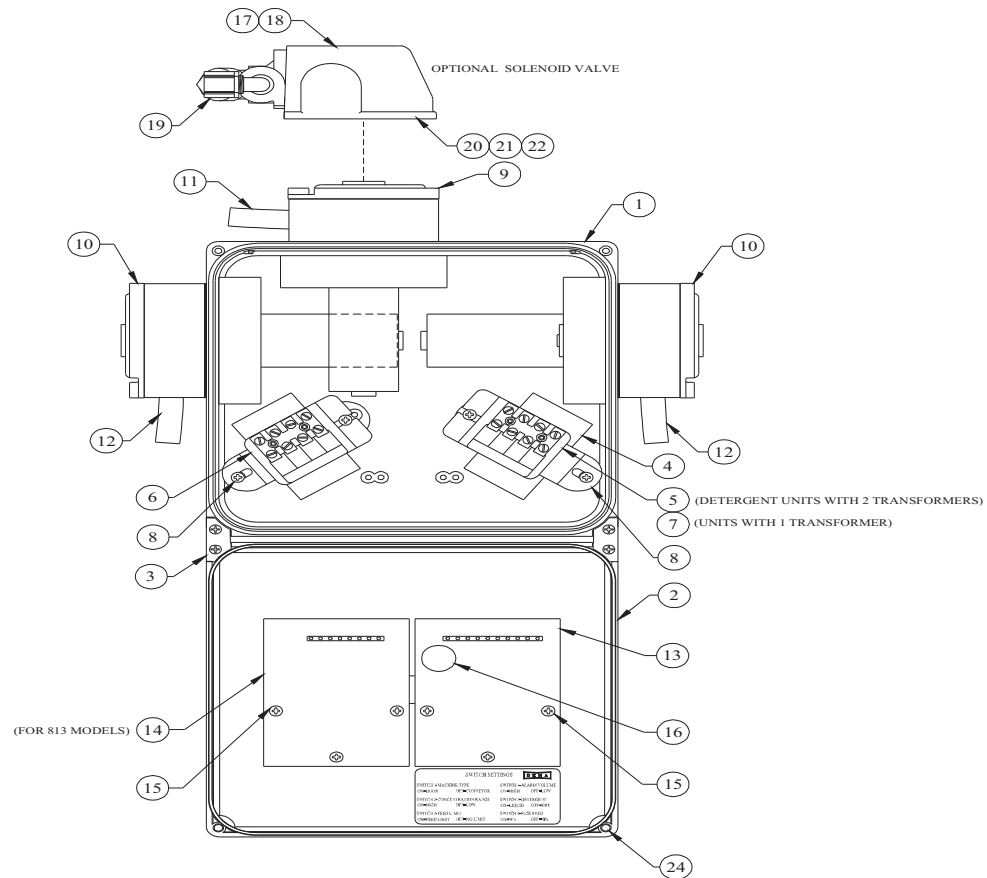
DEMA PROBELESS DEMAMASTER™ INSTALLATION INSTRUCTIONS

Models: DM-811-PL-1T, DM-811-PL-0T, DM-811-PD-1T & DM-821-PL-2T



Item No	DEMA P/N	Qty Required	Description
1	81-40	1	Single Control Box
2	81-41	1	Single Control Box Lid
3	81-6	1	Hinge and Screw Kit
4	81-1	1	Wall Mounting Bracket Kit
*5	80-70	1	Transformer 40VA
*6	81-10-1	1	Terminal Block and Bracket Assembly
7	44-116-2	1	# 8 X 3/8 HI-LO Screw (Mounting Transformer)
8	44-116-1	1	# 8 x 1/2 HI-LO Screw (Mounting Transformer)
*9	81-36-2	1	Blue Wire Nut
*10	81-34-16	1	Fuse 1A, 250V
*11	81-35	1	Fuse Holder
12	80-59-60	1	Gear Motor 60 RPM
*13	81-32-1	1	Black Cable Assembly – Pump version only
	81-32-3	1	Black Cable Assembly – Solenoid valve version only
*14	81-32-2	1	Red Cable Assembly – Pump version only
	81-32-4	1	Red Cable Assembly – Solenoid valve version only
15	81-29-2	2	Captive Screw
*16	80-77-1	1	Pro-bless Detergent Control (Circuit Board)
17	80-99	1	Coin Cell Battery
18	81-20-2	3	# 4 HI-LO Screw (Mounting Pro-bless Control)
*19	81-13-6	1	Modular Connector – 6 pole
20	L604	1	Caution Label – Electrical (Adhered at top surface)
21	L605	1	Caution Label – Chemical (Adhered at top surface)
22	81-47-1	1	Hole Plug
23	25-C2D	1	Detergent Pump Head Kit
24	25-65CE-11	1	Detergent Squeeze Tube
25	44-123-4	1	Valve Assy.
26	44-125	1	Solenoid Cover
27	44-116-1	1	#8 Hi-Lo Screw

DEMA 813 PROBELESS DEMAMaster™



Replacement Parts			
Item No.	DEMA Part No.	Qty Required	Description
1	81-2	1	DEMAMaster Double Control Box
2	81-5	1	DEMAMaster Double Control Box Lid
3	81-6	1	Hinge and Screw Kit
4	80-70	1	Transformer 40VA
5	81-10-1	1-Qty Model No. ends 1T 2 Qty Model No. ends 2T	Terminal Block & Bracket Assy. (Detergent, units with 2 transformers)
6	81-10-2	1	Terminal Block & Bracket Assy. (Rinse, units with 2 transformers)
7	81-10-5	1	Terminal Block & Bracket Assy. (units with 1 transformer)
8	44-116-1	2 / Transformer	# 8 x ½ HI-LO Screw (mounting transformer)
9	80-59-60	1	60 RPM Gear/motor
10	80-59-15	1 / Rinse and 1 / Sanitizer	15 RPM Gear/motor
11	25-65CE-11	1	Squeeze Tube - Detergent
12	25-65RE-11	2	Squeeze Tube - Rinse
13	80-77-1	1	Pro-bless Detergent Control (circuit board for controlling detergent)
14	80-69-6	1 (for 813 Models)	Rinse & Sanitizer Control Board (circuit for controlling rinse and sanitizer)
15	81-20-2	3 / control board	# 4 HI-LO Screw (mounting circuit boards)
16	80-99	1	Coin Cell Battery (CR2032)
17	44-125	1	Solenoid Cover
18	44-116-1	1	Cover Screw
19	44-123-4	1	Solenoid Valve-Detergent (Dry Feed Models)
20	44-124-2	2	Solenoid Mounting Screw
21	44-29	2	Lock Washer
22	44-90	2	Hex Nut

DS-813 Installation Instructions

DEMA Engineering Company, St. Louis, MO

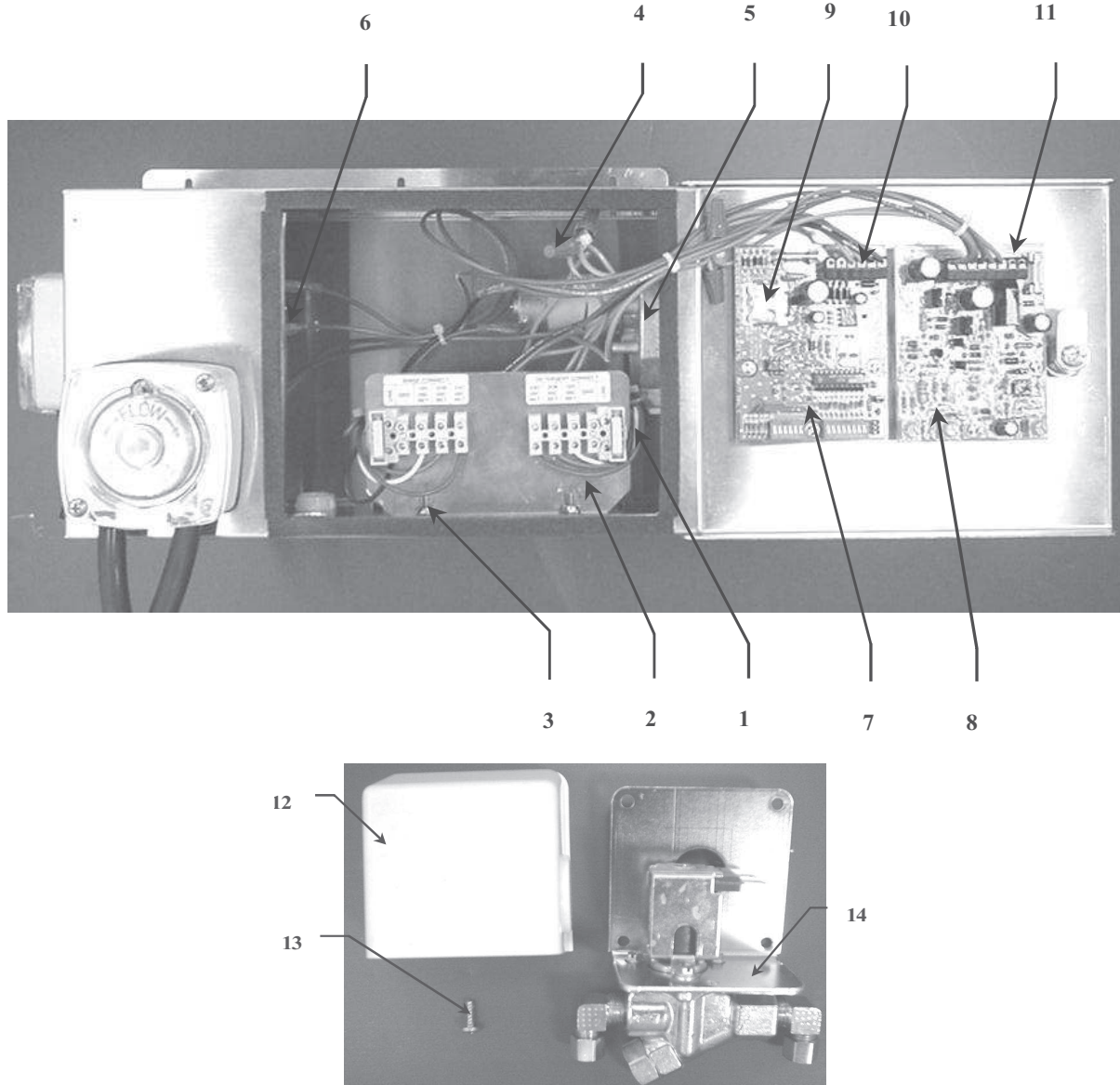
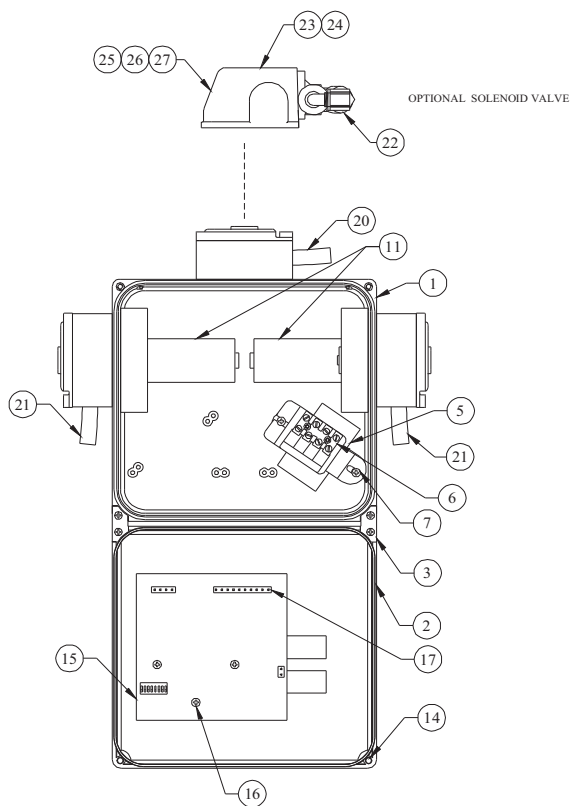


Figure 2

Replacement and Parts (Figure 1 and 2)			
Item No.	DEMA Part No.	Qty Required	Description
1	80-70	1	Transformer 40VA
2	81-111-1	1	Terminal Block & Bracket Assembly
3	84-61-2	2	#8-32 Locknut – (for mounting part 81-10-1 and 80-70)
4	81-36-2	6	Blue Wire Nut
5	80-59-60	1	60 RPM Gear/motor
6	80-59-15	1 (DS-812)/2 (DS-813)	15 RPM Gear/motor
7	80-77-1	1	Probeless Detergent Control
	80-68-3	1	Concentration Control Board (Probe)
8	80-69-6	1	Rinse & Sanitizer Control Board
9	80-99	1	Coin Cell Battery (Type CR2032) Probeless Board Only
10	81-13-6	1	Modular Connector 6 pole (Probeless Detergent Board)
	81-13-10	1	Modular Connector 10 pole (Concentration Board –Probe)
11	81-13-8	1	Modular Connector 8 pole (Rinse and Sanitizer Board)
12	44-125	1	Solenoid Cover
13	44-116-1	1	Cover Screw
14	44-123-4B	1	Brass Body Solenoid Valve-Detergent (Dry Feed Models)

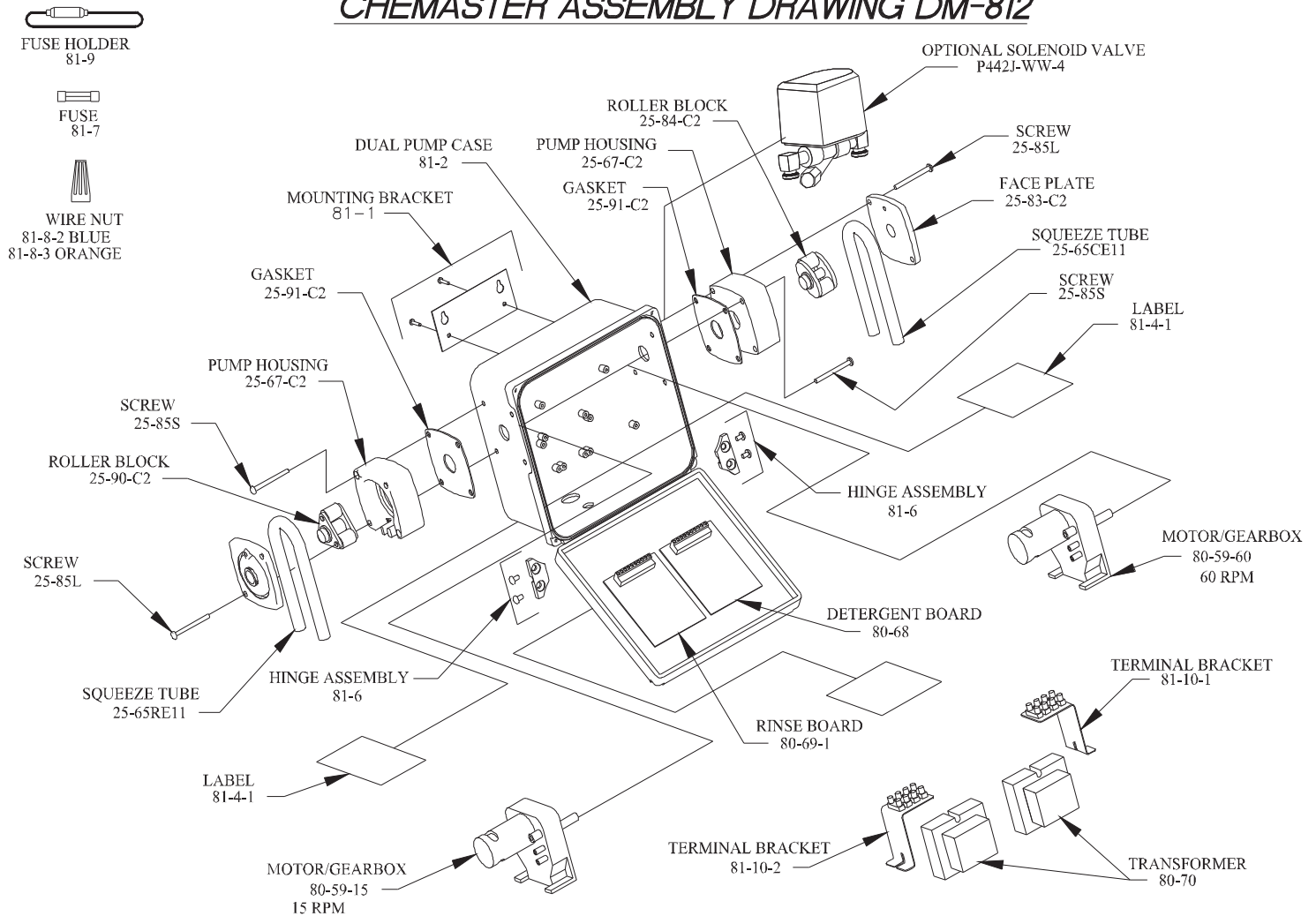
DEMA[®] DEMAMaster[™] COMBO WAREWASH SYSTEM

Models: CC-812-LL-1T and CC-812-DL-1T



ITEM NO.	DEMA NO.	DESCRIPTION
1	81-2	CONTROL BOX
2	81-5	CONTROL BOX LID
3	81-6	HINGE AND SCREW KIT
4	81-1	MOUNTING BRACKET KIT
5	80-70	TRANSFORMER 40 VA
6	81-10-4	TERMINAL AND BRACKET ASSEMBLY
7	44-116-2	#8 HI-LO SCREW
*8	81-36-2	BLUE WIRE NUT
*9	81-34-16	FUSE 1A, 250V
*10	81-35	FUSE HOLDER
11	80-59-15	GEARMOTOR 15 RPM
*12	81-32-1	CABLE ASSEMBLY-BLACK
*13	81-32-2	CABLE ASSEMBLY-RED
14	81-29-2	CAPTIVE SCREW
*15	81-31-2	CONTROL BOARD
16	81-20-2	#4 HI-LO SCREW
*17	81-19-10	MODULAR CONNECTOR-10 PIN
18	L604	CAUTION LABEL-ELECTRICAL
19	L605	CAUTION LABEL-CHEMICAL
20	25-65CE-11	SQUEEZE TUBE - DETERGENT
21	25-65RE-11	SQUEEZE TUBE – RINSE OR SANITIZER
22	44-123-4	SOLENOID VALVE – DETERGENT (DRY FEED MODELS)
23	44-125	SOLENOID COVER
24	44-116-1	COVER SCREW
25	44-124-2	SOLENOID MOUNTING SCREW
26	44-29	LOCK WASHER
27	44-90	HEX NUT

CHEMASTER ASSEMBLY DRAWING DM-812



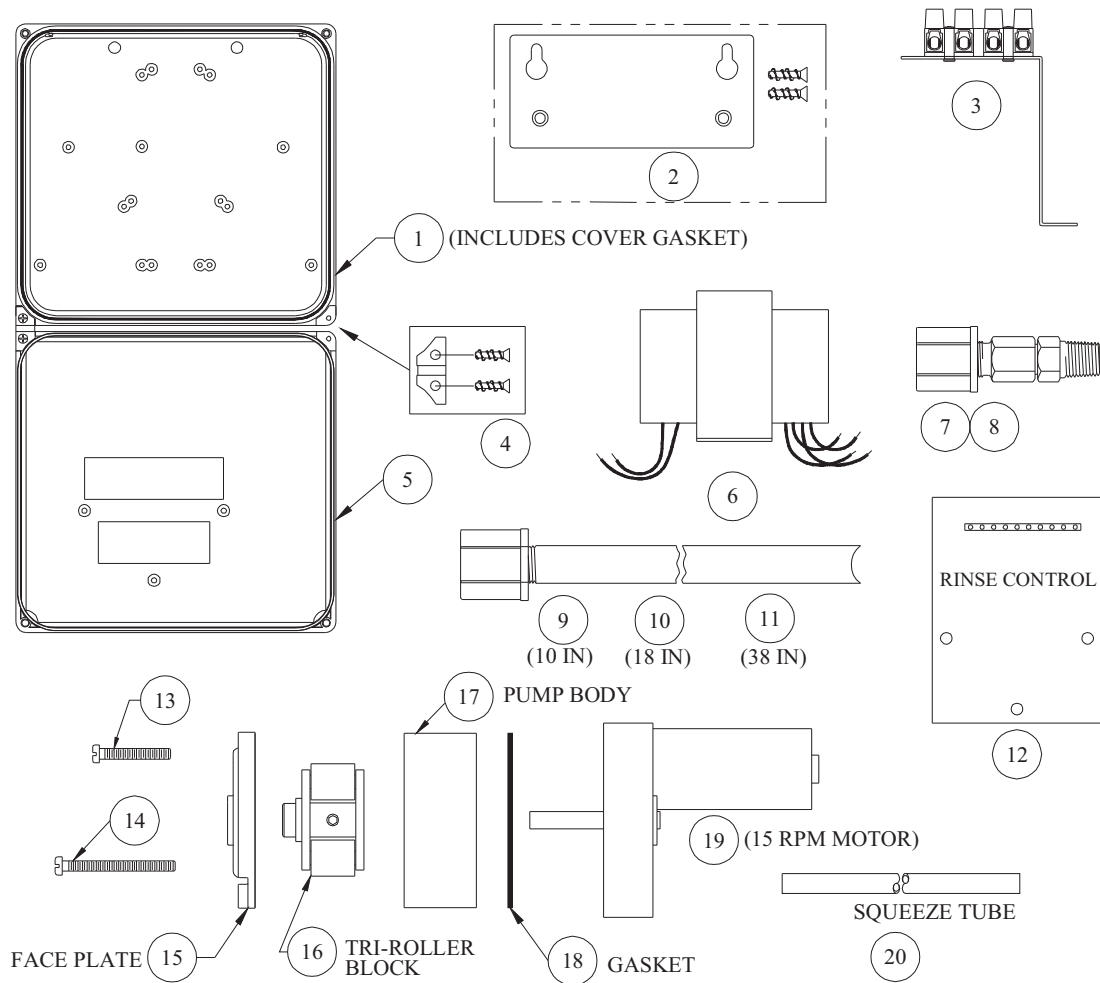
115/208/230VAC 50/60HZ OR 24VAC WITHOUT TRANSFORMER

Installation Kit Parts

81-21-1 Installation Kit for DM-812-LL	
Part No.	Description
25-68-20	LDPE Tubing 1/4"OD x 20'(2 in kit)
80-66	10" Pick Up Tube 1/4"ID(2 in kit)
C-12	Conductivity Cell
81-1	Wall Mounting Bracket W/Screws
904-8S	Check Valve/Rinse Line
25-74-8	8" Tie Wraps (5 in kit)
80-55-2	Liquid Feeding Elbow 1/4"
81-16	Liquid Tight Feed Through
81-21-9 Installation Kit for DM-812-LL	
Part No.	Description
25-68-20	LDPE Tubing 1/4"OD x 20'(2 in kit)
80-66	10" Pick Up Tube 1/4"ID(2 in kit)
C-12	Conductivity Cell
81-1	Wall Mounting Bracket W/Screws
904-8S	Check Valve/Rinse Line
25-74-8	8" Tie Wraps (5 in kit)
80-55	Liquid Feeding Elbow 1/4"
81-16	Liquid Tight Feed Through
81-21-11 Installation Kit for DM-812-LL	
Part No.	Description
25-68-20	LDPE Tubing 1/4"OD x 20'(2 in kit)
80-66	10" Pick Up Tube 1/4"ID(2 in kit)
81-1	Wall Mounting Bracket W/Screws
904-8S	Check Valve/Rinse Line
25-74-8	8" Tie Wraps (5 in kit)
80-55	Liquid Feeding Elbow 1/4"

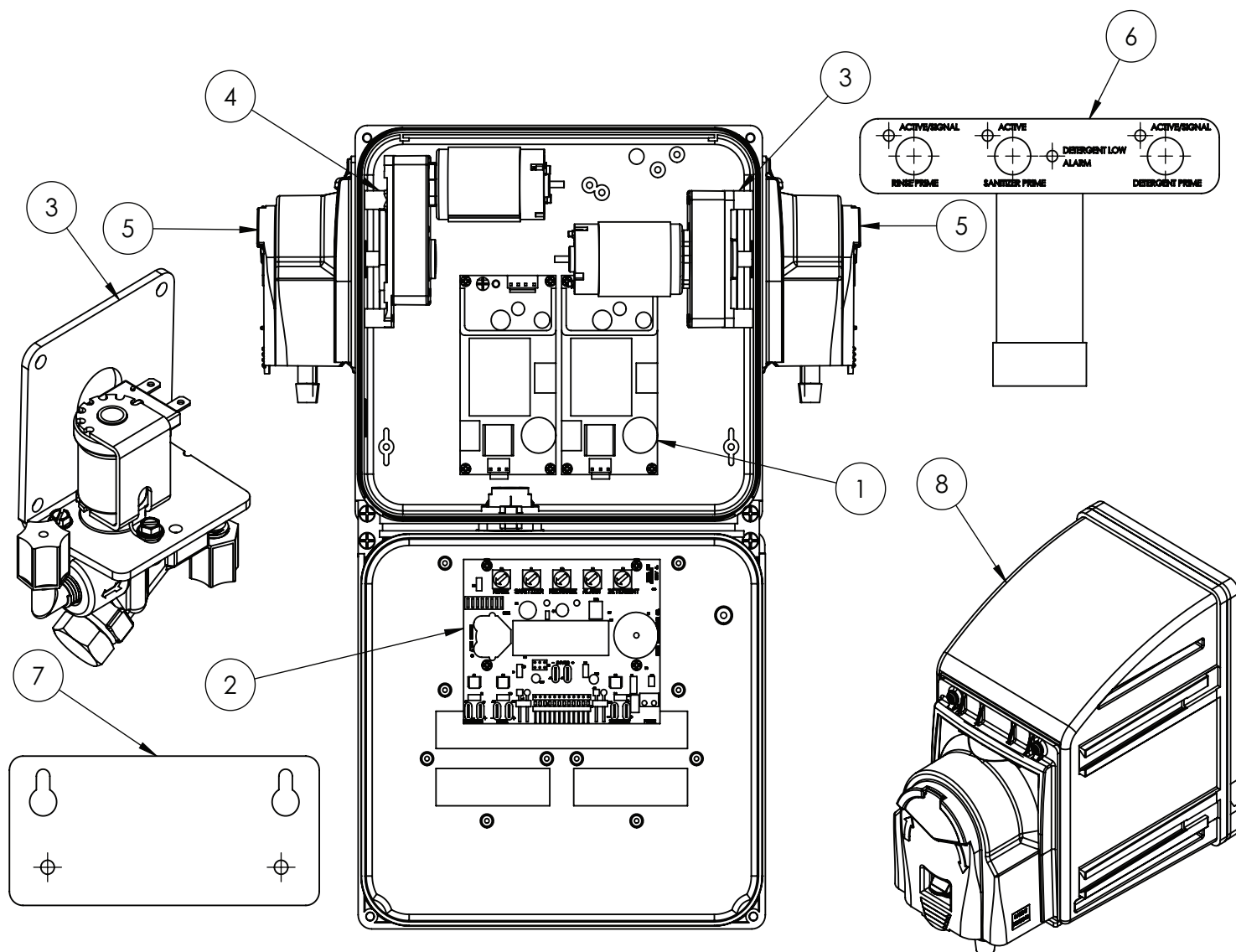
81-21-2 Installation Kit for DM-812-LL	
Part No.	Description
25-68-20	LDPE Tubing 1/4"OD x 20'(2 in kit)
80-66	10" Pick Up Tube 1/4"ID(2 in kit)
C-12	Conductivity Cell
81-1	Wall Mounting Bracket W/Screws
904-8S	Check Valve/Rinse Line
25-74-8	8" Tie Wraps (5 in kit)
58-5	Liquid Feeding Elbow 1/4"
81-16	Liquid Tight Feed Through
81-21-10 Installation Kit for DM-812-LL	
Part No.	Description
25-68-20	LDPE Tubing 1/4"OD x 20'(2 in kit)
80-66	10" Pick Up Tube 1/4"ID(2 in kit)
C-12	Conductivity Cell
81-1	Wall Mounting Bracket W/Screws
904-8S	Check Valve/Rinse Line
25-74-8	8" Tie Wraps (5 in kit)
58-5	Liquid Feeding Elbow 1/4"
81-16	Liquid Tight Feed Through
81-21-12 Installation Kit for DM-812-LL	
Part No.	Description
25-68-20	LDPE Tubing 1/4"OD x 20'(2 in kit)
80-66	10" Pick Up Tube 1/4"ID(2 in kit)
81-1	Wall Mounting Bracket W/Screws
904-8S	Check Valve/Rinse Line
25-74-8	8" Tie Wraps (5 in kit)
58-5	Detergent Feed Connection Kit

MODEL DM-811-SC

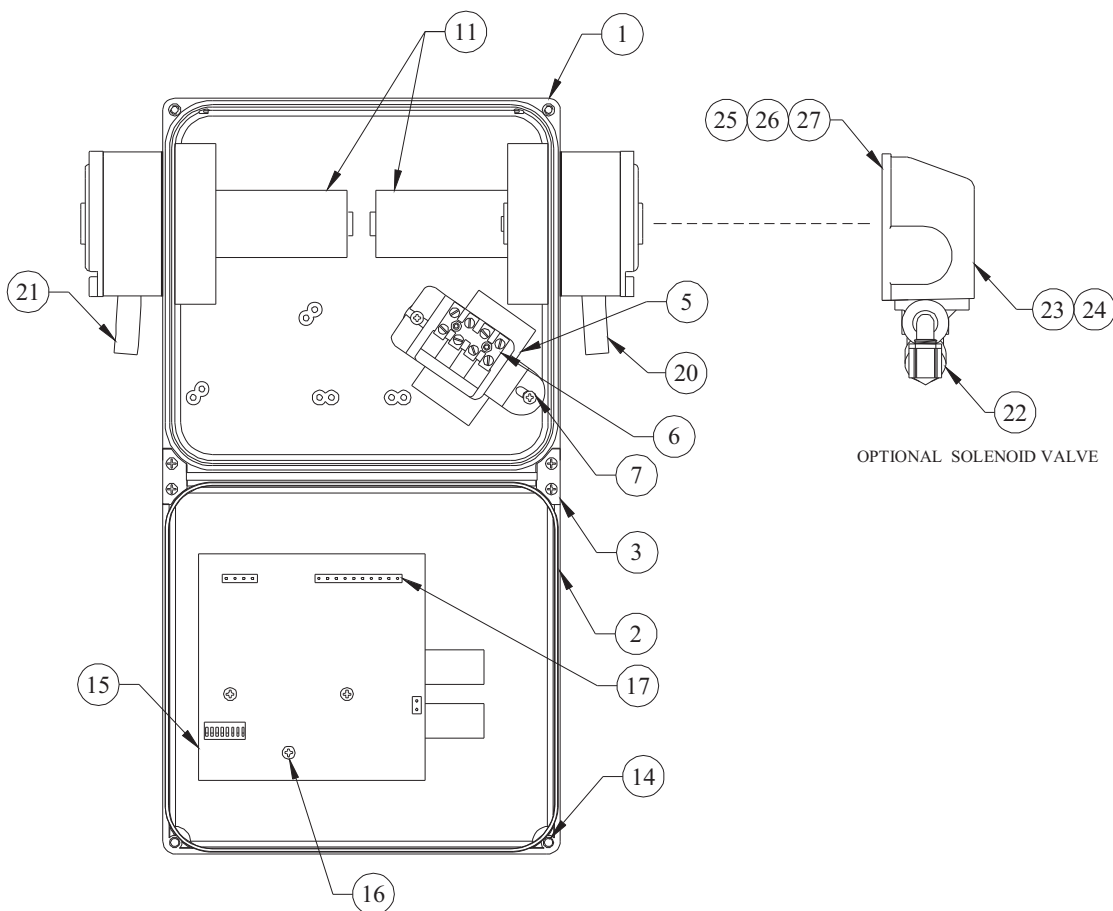


NO.	PART NO.	DESCRIPTION
1	81-40	Electrical Enclosure
2	81-41	Control Box Lid W/ Captive Screws
3	81-6	Hinge W/ Screws
4	81-1	Wall Bracket Kit
5	81-10-6	Term Block and Bracket
6	80-70	Transformer
7	904-8S	Check Valve-1/4:-Stainless Ball
8	904-8T	Check Valve-1/4:-Teflon Ball
9	80-66	Pick Up Tube Assy. 10"
10	80-66-2	Pick Up Tube Assy. 18"
11	80-66-3	Pick Up Tube Assy. 38"
12	80-69-5	P.C. Board
13	25-85S	10-32 X 1 5/8" Mach. Screw
14	25-85S	10-32 X 2" Mach. Screw
15	25-83-C2	Face Plate C2
16	25-90C2	Roller Block, C2, 3 Roller
17	25-67C2	Pump Head-C2
18	25-91-C2	Gasket-C2 Pump
19	80-59-15	Gearmotor-60 RPM
20	25-65CE-11	Squeeze Tube – EPDM – C2
	25-65CN-11	Squeeze Tube – Santoprene – C2
	25-65CV-11	Squeeze Tube – Viton – C2

DEMAMaster Nitro Express Ware Wash Chemical Dispenser



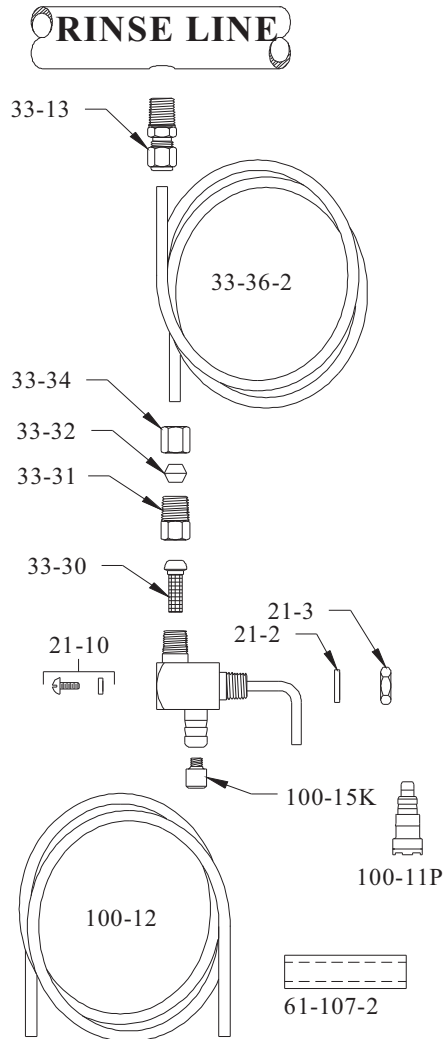
NO.	KIT NO.	DESCRIPTION
1	81.316.1	DM NITRO EXPRESS POWER SUPPLY REPLACEMENT KIT (TRIGGER OUTPUT TRANSFORMER)
2	81.316.3	CONTROL BOARD DM NITRO EXPRESS WITH SANITIZER (3 PRODUCT)
3	81.118.29.1	PUMP – 2 SPRING ROLLER, 60 RPM MOTOR ¼" ID KIT
	80.59.60MK	60 RPM DETERGENT MOTOR
	44.123.14B	DM NITRO EXPRESS DETERGENT VALVE REPLACEMENT
4	81.118.29.2	PUMP – 3 ROLLER FIXED, 15 RPM MOTOR 1/8" ID KIT
	80.59.15MK	15 RPM RINSE MOTOR
5	81.118.15	DETERGENT PUMP KIT – 2 ROLLER SPRING LOADED
	81.118.16	RINSE PUMP HEAD KIT – 3 ROLLER FIXED
6	L1115	MEMBRANE LABEL
7	81.1	MOUNTING BRACKET
8	81.118.15WM	DM NITRO EXPRESS SANITIZER PUMP W/ WALL BRACKET (BRACKET NOT SHOWN)



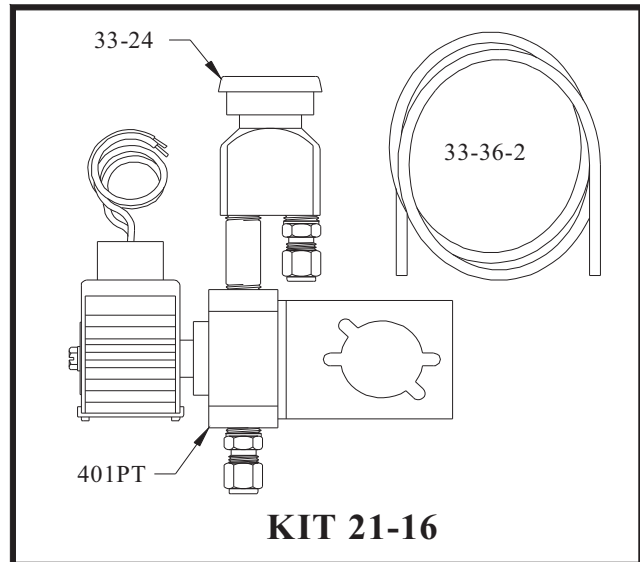
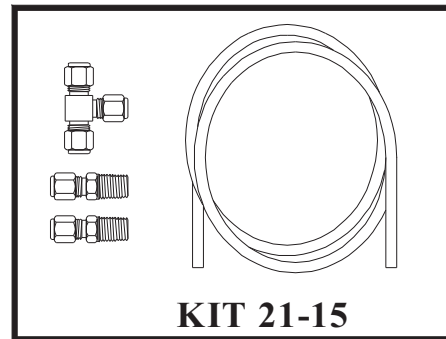
ITEM NO.	DEMA NO.	DESCRIPTION
1	81-2	CONTROL BOX
2	81-5	CONTROL BOX LID
3	81-6	HINGE AND SCREW KIT
4	81-1	MOUNTING BRACKET KIT
5	80-70	TRANSFORMER 40 VA
6	81-10-4	TERMINAL AND BRACKET ASSEMBLY
7	44-116-2	#8 HI-LO SCREW
*8	81-36-2	BLUE WIRE NUT
*9	81-34-16	FUSE 1A, 250V
*10	81-35	FUSE HOLDER
11	80-59-15	GEARMOTOR 15 RPM
*12	81-32-1	CABLE ASSEMBLY-BLACK
*13	81-32-2	CABLE ASSEMBLY-RED
14	81-29-2	CAPTIVE SCREW
*15	81-31-2	CONTROL BOARD
16	81-20-2	#4 HI-LO SCREW
*17	81-19-10	MODULAR CONNECTOR-10 PIN
18	L604	CAUTION LABEL-ELECTRICAL
19	L605	CAUTION LABEL-CHEMICAL
20	25-65CE-11	SQUEEZE TUBE - DETERGENT
21	25-65RE-11	SQUEEZE TUBE – RINSE OR SANITIZER
22	44-123-4	SOLENOID VALVE – DETERGENT (DRY FEED MODELS)
23	44-125	SOLENOID COVER
24	44-116-1	COVER SCREW
25	44-124-2	SOLENOID MOUNTING SCREW
26	44-29	LOCK WASHER
27	44-90	HEX NUT

LIQUID DETERGENT FEEDER DEMA MODEL 217C-3 FOR DISHWASHERS

DETERGENT FEEDER MODEL 217C-3 KITS 21-15 & 21-16



MODEL 217C-3



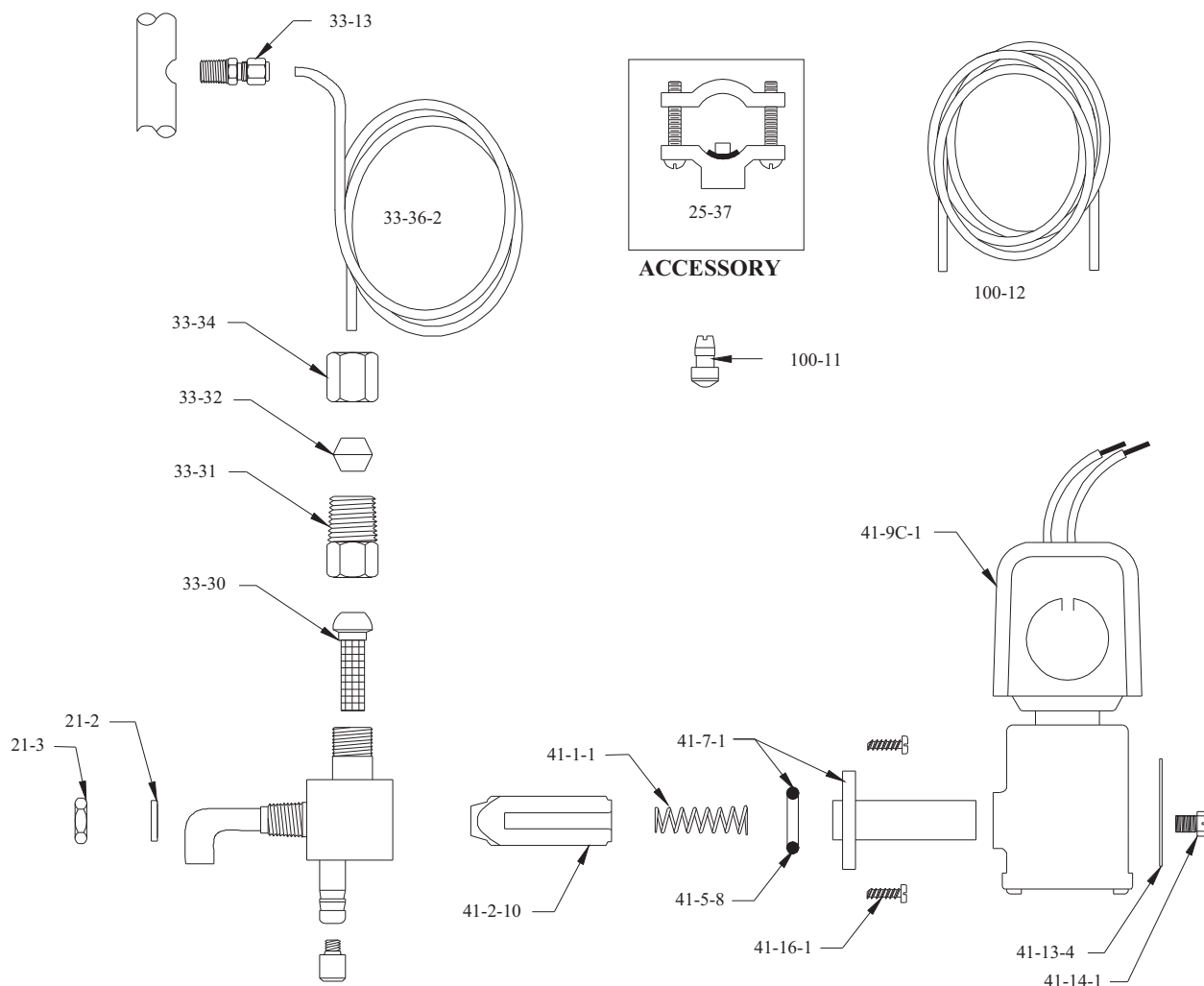
PART NO.	DESCRIPTION
21-2	MOUNTING GASKET
21-3	MOUNTING NUT
21-10	CLEANOUT SCREW WITH WASHER
33-13	COMPRESSION COUPLING
33-24	VACUUM BREAKER 1/4" NPT
33-30	STRAINER
33-31	ADAPTER
33-32	COMPRESSION SLEEVE
33-34	COMPRESSION NUT
33-36-2	1/4" O.D. X 48" LG COPPER TUBING
61-107-2	CERAMIC WEIGHT

PART NO.	DESCRIPTION
100-11P	FOOT VALVE
100-12	PLASTIC SUPPLY TUBING
401PT	SOLENOID VALVE (REFER TO MOD. 401P PARTS LIST)
KIT 21-15	KIT FOR FILL LINE CONNECTION- INCLUDES TUBING & FITTINGS FOR USE WITH MACHINES WHICH FILL THROUGH SEPARATE FILL LINE
KIT 21-16	KIT FOR USE WITH ELECTRICAL CONTROLLER- INCLUDES SOLENOID VALVE, SIPHON BREAKER AND TUBING. SPECIFY VOLTAGE

ACCESSORIES

25-37	SADDLE FITTING
100-15K	METERING TIP KIT

LIQUID DETERGENT FEEDER DEMA MODEL 219C FOR DISHWASHERS

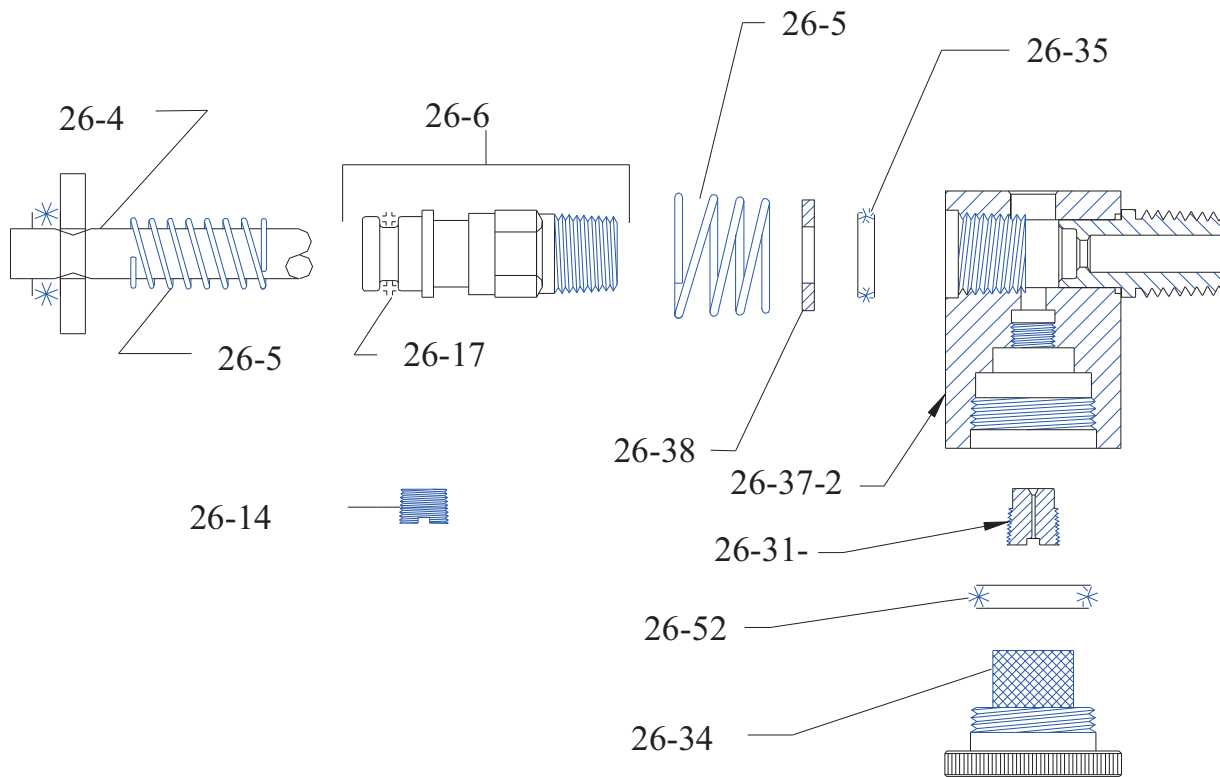


PART NO.	DESCRIPTION
21-2	MOUNTING GASKET
21-3	MOUNTING NUT
33-13	COMPRESSION COUPLING
33-30	STRAINER
33-31	ADAPTER
33-32	COMPRESSION SLEEVE
33-34	COMPRESSION NUT
33-36-2	1/4" O.D. X 448" LG. COPPER TUBING
41-1-1	PLUNGER SPRING
41-2-10	PLUNGER
41-5-8	TUBE ASSEMBLY O-RING
41-7-1	ENCLOSING TUBE & O-RING
41-9C-1	COIL ASSEMBLY (SPECIFY VOLTAGE)
41-13-4	NAMEPLATE (SPECIFY MODEL NO.)
41-14-1	TOP PLUG SCREW
41-16-1	ENCLOSING TUBE SCREW (2 REQ'D)
100-11	FOOT VALVE
100-12	VINYL TUBING (3/8" O.D.. X 8' LG.)
100-15-9	METERING TIP (BLUE)

ACCESSORY

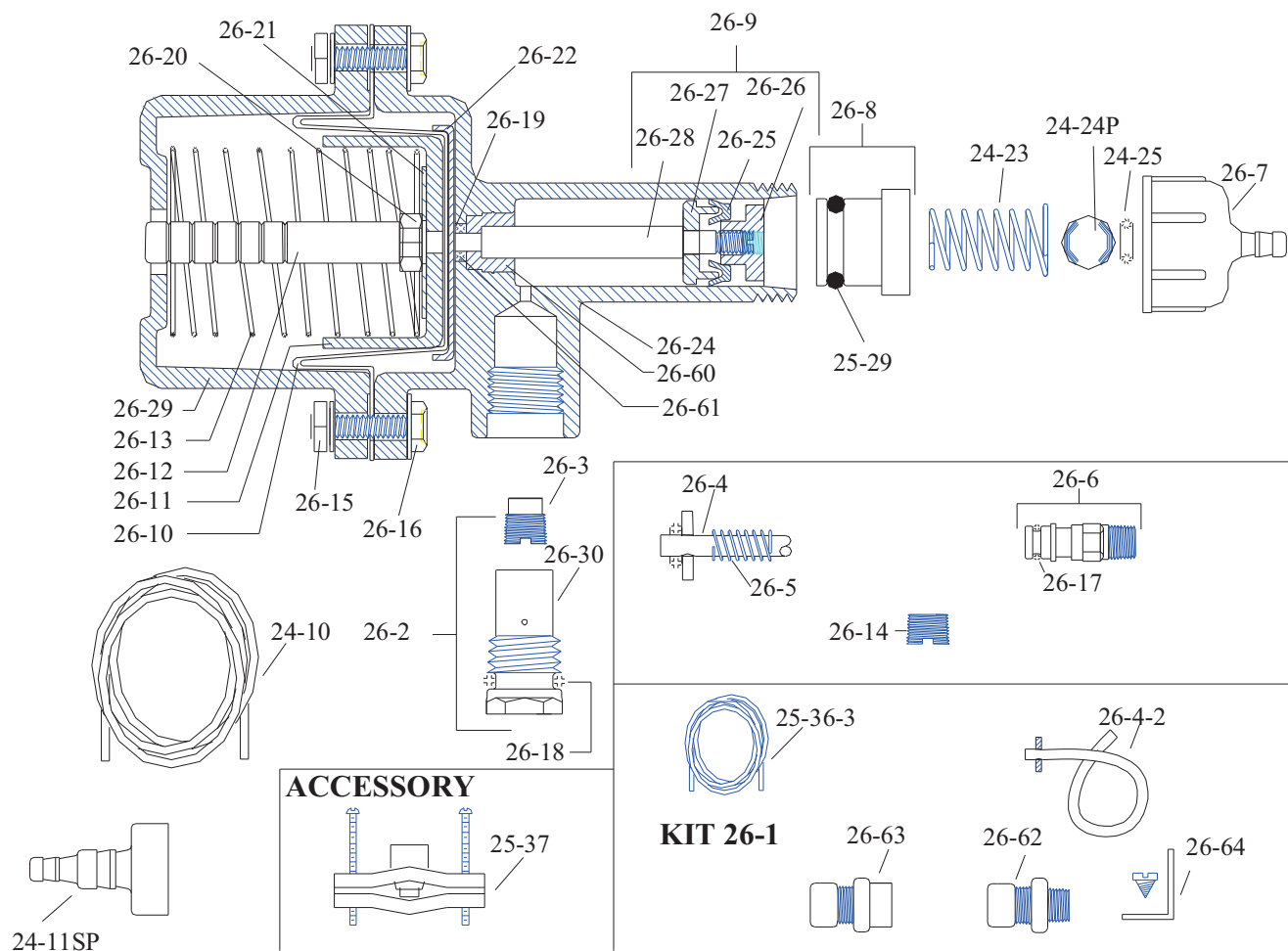
PART NO.	DESCRIPTION
25-37	SADDLE FITTING

WATER THROTTLING ASSY KIT 26-50



PART NO.	DESCRIPTION
26-5	TUBE CLAMP SPRING
26-14	SET SCREW
26-17	O-RING
26-31-	METERING ORIFICE (SPECIFY SIZE)
26-32-5	TUBING AND CLAMP ASSEMBLY
26-33	INLET FITTING WITH O-RING
26-34	STRAINER ASSEMBLY
26-35	O-RING
26-37-2	INLET BODY ASSEMBLY
26-38	RETAINER WASHER
26-52	O-RING

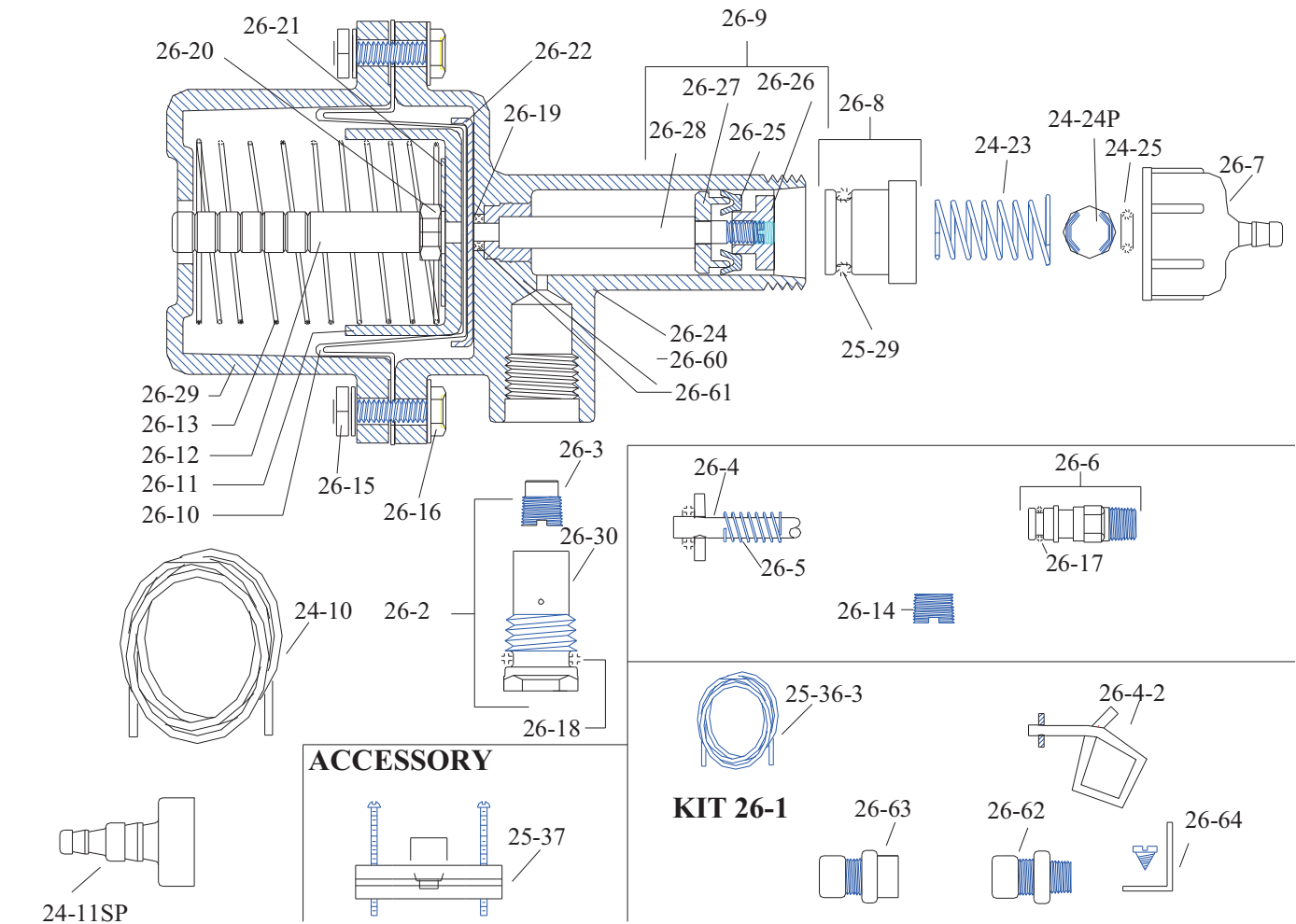
HYDRAULIC RINSE PUMP, MODEL 260, AND KIT 26-1



PART NO.	DESCRIPTION
24-10	8' Lg. 1/4" O.D. Plastic Tubing
24-11SP	Foot Strainer
24-23	Spring
24-24P	Ball
24-25	O-Ring
24-29	O-Ring
25-36-3	1/4" OD x 4' Long Impolene Tubing
25-37	Saddle Clamp Fitting (accessory part)
26-1	Kit for Remote Mounting
26-2	Plug with O-Ring
26-3	Metering Oriface - Specify Size
26-4	Tubing and Clamp Assembly
26-4-2	Impolene Tubing Assy
26-5	Tube Clamp Spring
26-6	Inlet Fitting with O-Ring
26-7	Check Valve Knob
26-8	Check Valve Core with O-Ring
26-9	Piston Assembly
26-10	Diaphragm
26-11	Power Piston
26-12	Indicator Rod
26-13	Power Spring

PART NO.	DESCRIPTION
26-14	Set Screw
26-15	Washer Head Screw
26-16	Nut
26-17	O-Ring
26-18	O-Ring
26-19	Gasket
26-20	Nut
26-21	Washer
26-22	Buffer Plate
26-24	Pump Body with Center Seal
26-25	U-Cup
26-26	Piston Nut
26-27	Piston Plate
26-28	Stem
26-29	Power Cylinder
26-30	Metering Screw (not shown)
26-60	Stem Guide
26-61	O-Ring
26-62	Compression Fitting - MPT
26-63	Compression Fitting - FPT
26-64	Mounting Bracket w/screws

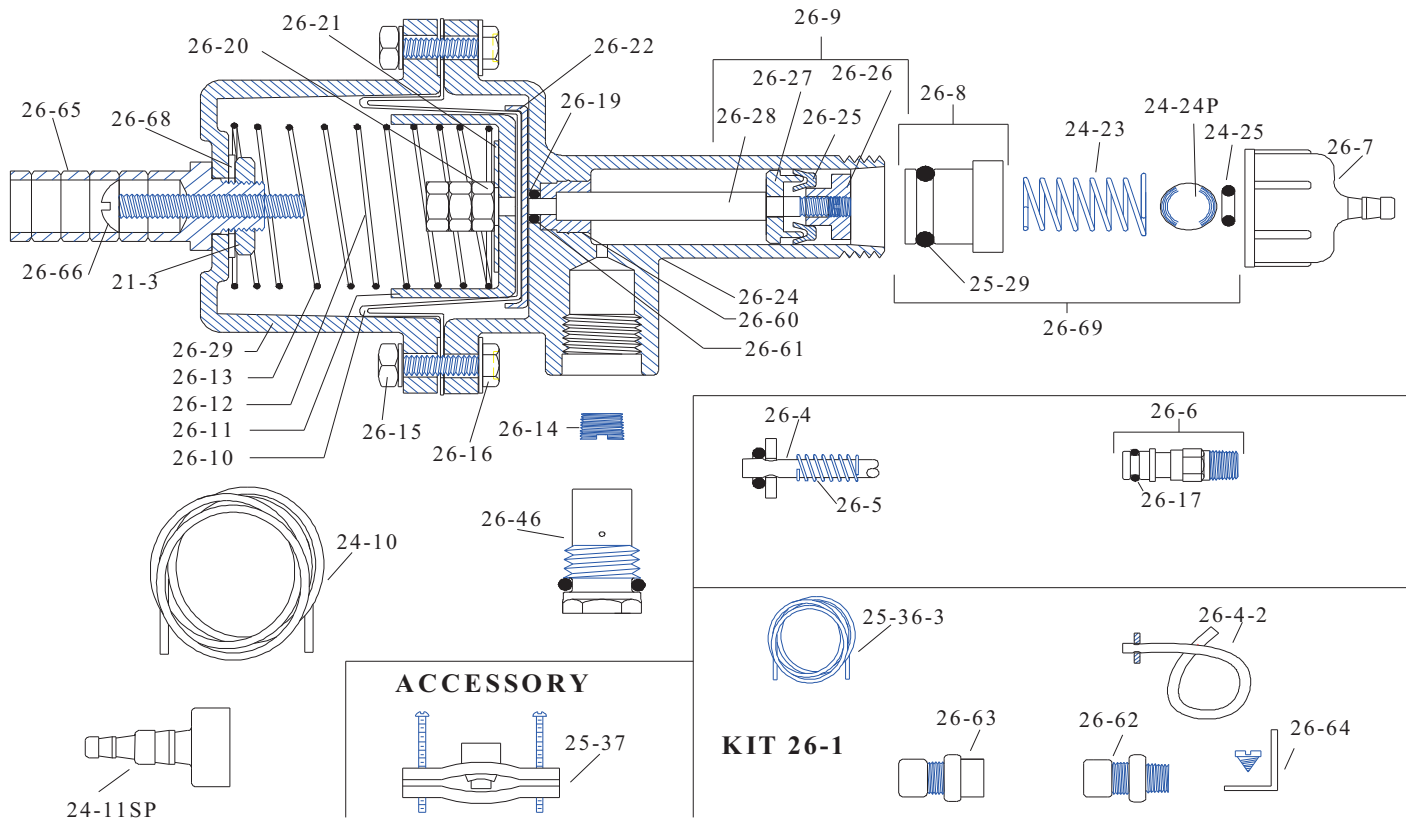
HYDRAULIC RINSE PUMP, MODEL 261, AND KIT 26-1



PART NO.	DESCRIPTION
24-10	8' Lg. 1/4" O.D. Plastic Tubing
24-11SP	Foot Strainer
24-23	Spring
24-24P	Ball
24-25	O-Ring
24-29	O-Ring
25-36-3	1/4" OD x 4' Long Impolene Tubing
25-37	Saddle Clamp Fitting (accessory part)
26-1	Kit for Remote Mounting
26-2	Plug with O-Ring
26-3	Metering Oriface - Specify Size
26-4	Tubing and Clamp Assembly
26-4-2	Impolene Tubing Assy
26-5	Tube Clamp Spring
26-6	Inlet Fitting with O-Ring
26-7	Check Valve Knob
26-8	Check Valve Core with O-Ring
26-9	Piston Assembly
26-10	Diaphragm
26-11	Power Piston
26-12	Indicator Rod
26-13	Power Spring

PART NO.	DESCRIPTION
26-14	Set Screw
26-15	Washer Head Screw
26-16	Nut
26-17	O-Ring
26-18	O-Ring
26-19	Gasket
26-20	Nut
26-21	Washer
26-22	Buffer Plate
26-24	Pump Body with Center Seal
26-25	U-Cup
26-26	Piston Nut
26-27	Piston Plate
26-28	Stem
26-29	Power Cylinder
26-30	Metering Screw (not shown)
26-60	Stem Guide
26-61	O-Ring
26-62	Compression Fitting - MPT
26-63	Compression Fitting - FPT
26-64	Mounting Bracket w/screws

HYDRAULIC RINSE PUMP, MODEL 262, AND KIT 26-1



PART NO.	DESCRIPTION
21-3	Jam Nut
24-10	8' Lg. 1/4" O.D. Plastic Tubing
24-11SP	Foot Strainer
24-23	Spring
24-24P	Ball
24-25	O-Ring
25-29	O-Ring
26-4	Tubing and Clamp Assembly
26-5	Tube Clamp Spring
26-6	Inlet Fitting with O-Ring
26-7	Check Valve Knob
26-8	Check Valve Core with O-Ring
26-9	Piston Assembly
26-10	Diaphragm
26-11	Power Piston
26-12	Indicator Rod
26-13	Power Spring
26-14	Set Screw
26-15	Washer Head Screw
26-16	Nut
26-17	O-Ring
26-18	O-Ring
26-19	Gasket

PART NO.	DESCRIPTION
26-20	Nut
26-21	Washer
26-22	Buffer Plate
26-24	Pump Body with Center Seal
26-25	U-Cup
26-26	Piston Nut
26-27	Piston Plate
26-28	Stem
26-29	Power Cylinder
26-46	Check Valve Core With O-Ring
26-60	Stem Guide
26-61	O-Ring

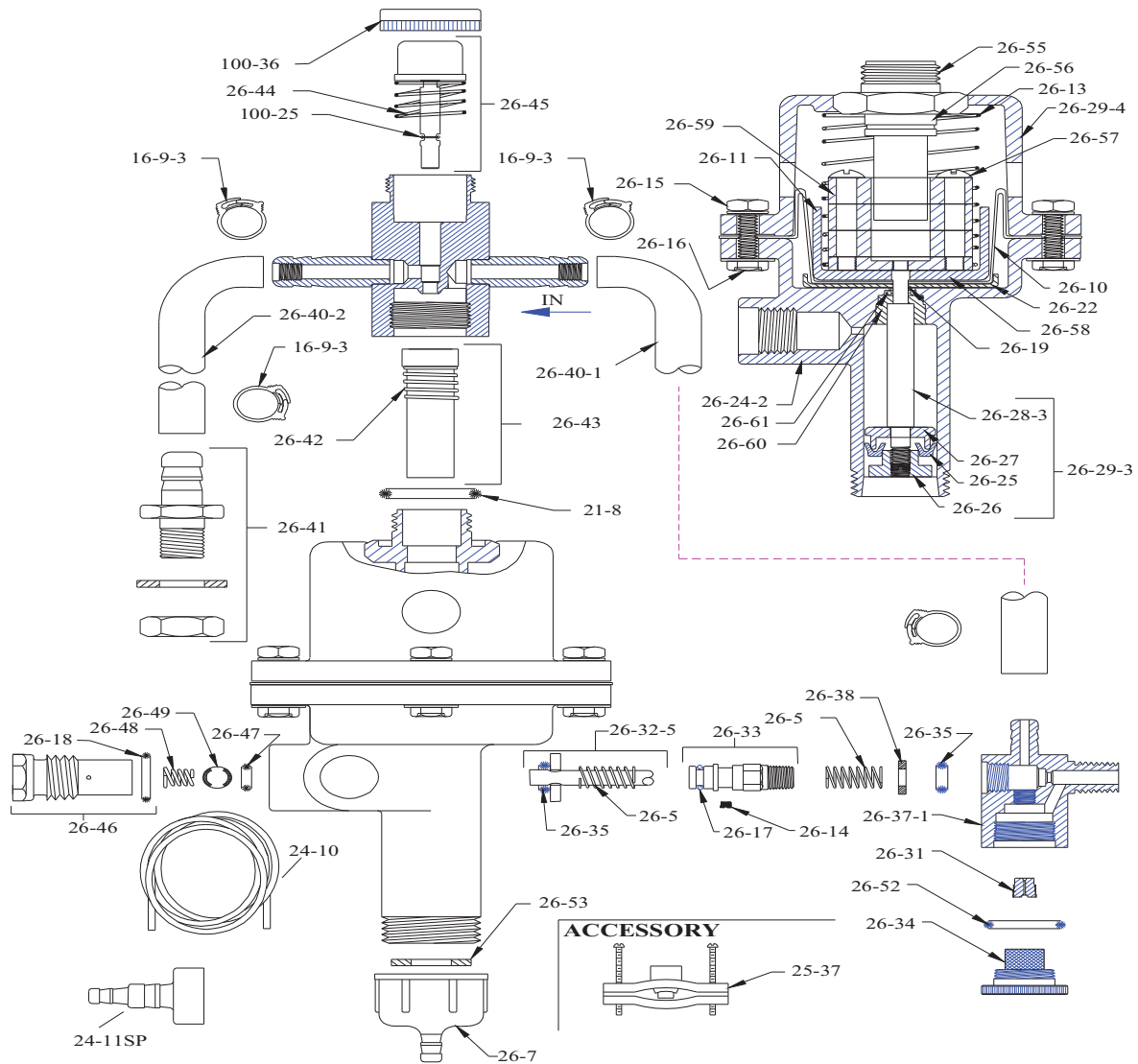
REMOTE MOUNTING KIT 26-1

25-36-3	1/4" OD x 4' Long Impolene Tubing
26-1	Kit for Remote Mounting
26-2	Plug with O-Ring
26-4-2	Impolene Tubing Assy
26-62	Compression Fitting - MPT
26-63	Compression Fitting - FPT
26-64	Mounting Bracket w/screws

ACCESSORIES

25-37	Saddle Clamp Fitting
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HYDRAULIC RINSE PUMP, MODEL 265



PART NO.	DESCRIPTION
21-8	O-RING
24-10	VINYL TUBING, 1/4" O.C. 8' LONG
24-11SP	TUBING FOOT STRAINER
25-37	SADDLE FITTING
26-5	TUBE CLAMP SPRING
26-7	KNOB
26-9-3	RINSE PISTON ASSY
26-10	DIAPHRAGM
26-11	POWER PISTON
26-13	POWER SPRING
26-14	SET SCREW
26-15	WASHER HEAD SCREW (6 REQ'D)
26-16	NUT AND WASHER (6 REQ'D)
26-17	O-RING
26-18	O-RING
26-19	GASKET
26-22	BUFFER PLATE
26-24-2	PUMP BODY WITH STEM SEAL
26-25	U-CUP
26-26	PISTON NUT
26-27	PISTON PLATE
26-28-3	STEM
26-29-4	POWER CYLINDER
26-31-	METERING ORIFICE SPECIFY SIZE (3 SIZES)
26-32-5	TUBING AND CLAMP ASSY.
26-33	INLET FITTING WITH O-RING
26-34	STRAINER ASSY.

PART NO.	DESCRIPTION
26-35	O-RING
26-37-1	INLET BODY ASSY.
26-38	RETAINER WASHER
26-39	TUBE CLAMP (4 REQ'D)
26-40-1	RUBBER TUBE (2 1/2" LG.)
26-40-2	RUBBER TUBE (2' LG.)
26-41	DISHMACHINE FITTING
26-42	SPRING
26-43	PLUNGER ASSY.
26-44	RETURN SPRING
26-45	BUTTON ASSY.
26-46	CHECK VALVE CORE AND O-RING
26-47	O-RING
26-48	CHECK VALVE SPRING
26-49	BALL
26-52	O-RING
26-53	RUBBER WASHER
26-54	DUMP VALVE BODY
26-55	ENCLOSING TUBE ASSY.
26-56	TRI-ARC RING
26-57	SCREW (2 REQ'D)
26-58	MAGNET PLATE
26-59	MAGNET (3 REQ'D)
26-60	STEM GUIDE
26-61	O-RING
100-25	O-RING
100-36	BUTTON RETAINER



SOLID PRODUCT DISPENSER

DETERGENT BOWLS

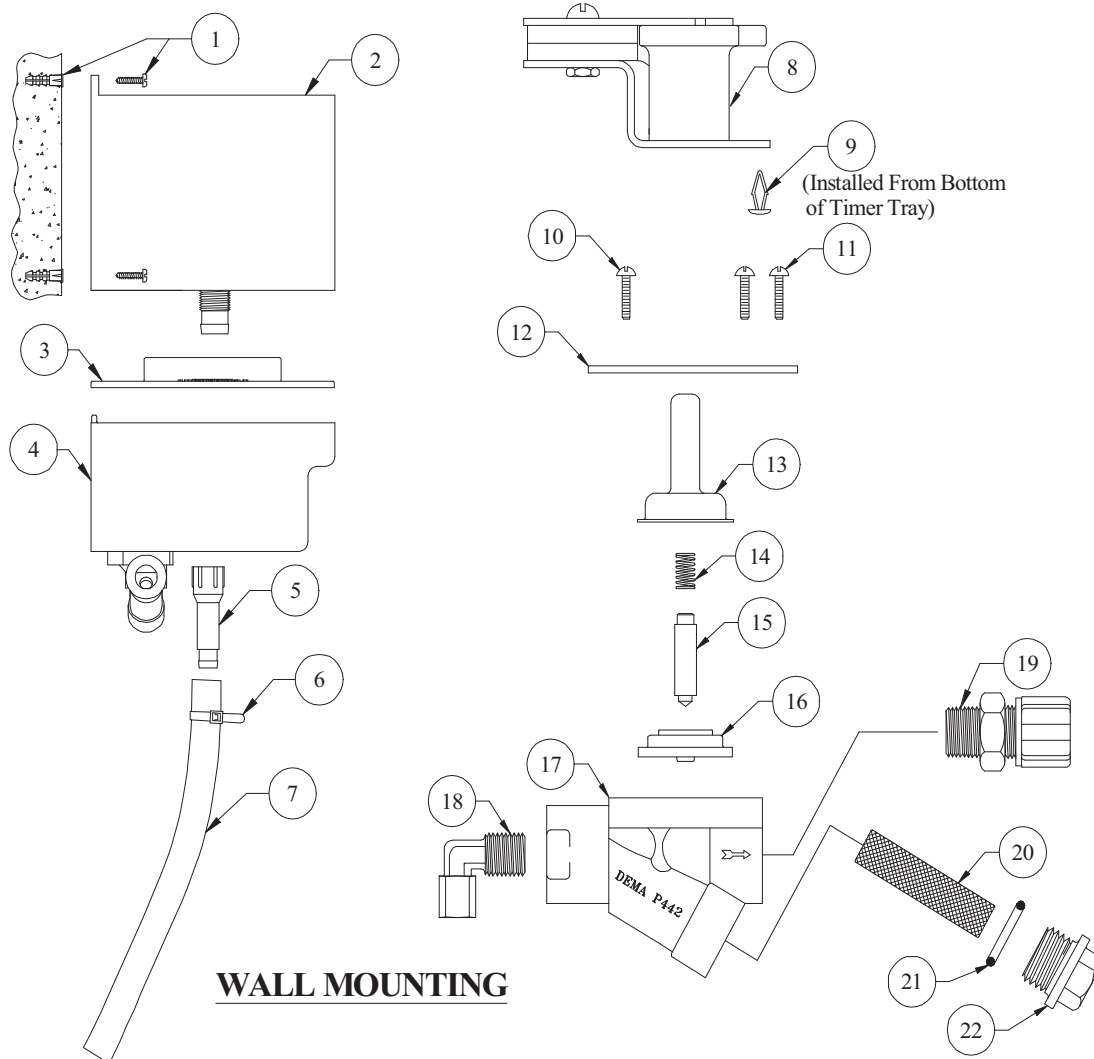
RINSE BOWLS

ELECTRONIC BOWLS

MICCHANICAL TIMER

DEMA[®] 581P-2W & 581A-2W

SOLID BOWL FEEDER WITH TIMER TRAY

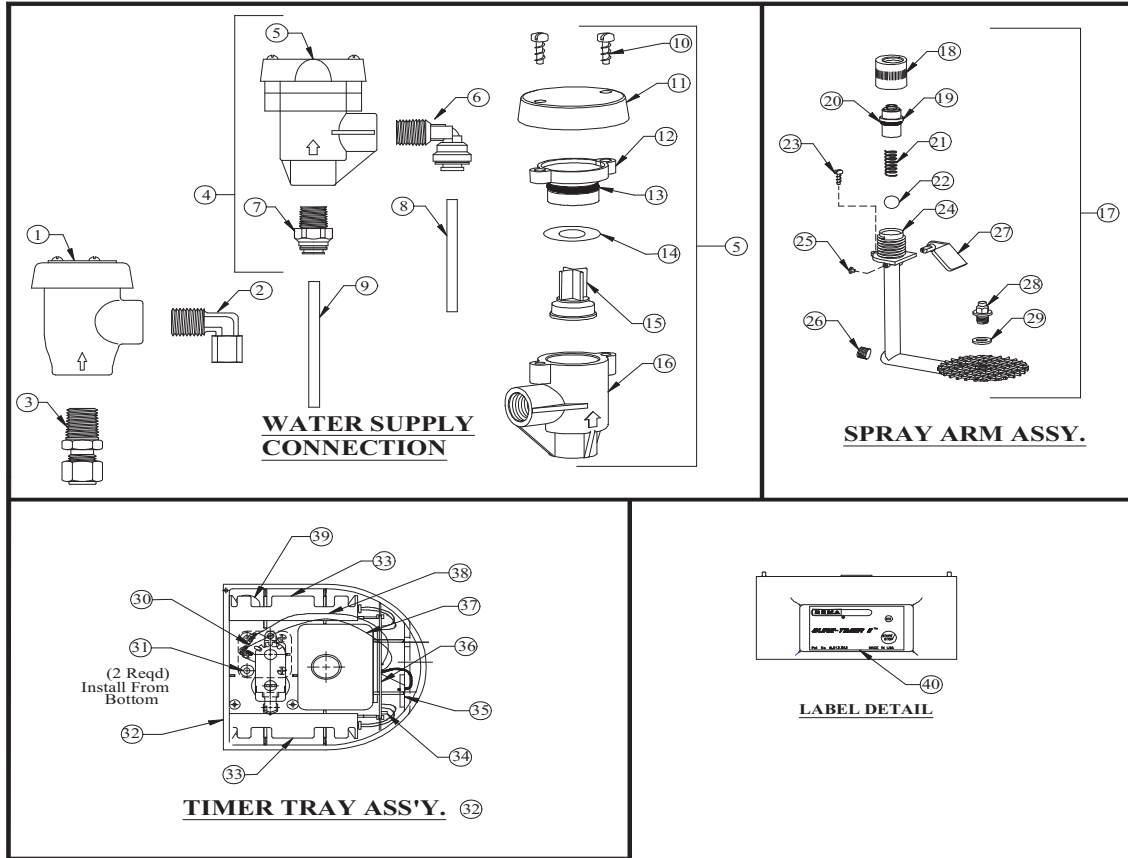


NO.	PART NO.	DESCRIPTION
1	66-123	#8 X 1-1/4" Lg. Mounting Screw & Anchor Kit
2	58-19-6	Solid Bowl Feeder
3	58-117	Equipment Tray Lid
4	58-41-2	Timer Tray Assembly
5	58-78	Adapter
6	81-16-1	Tie Warp
7	58-7	Vinyl Tubing (4' X 5/8 ID)
8	41-6-6-4	Solenoid Coil
9	58-84-3	Rivet
10	44-116-2	Screw #8-18 X 3/8" Lg. (1 Req'd)
11	44-116-1	Screw #8-18 X 1/2" Lg. (1 Req'd)

NO.	PART NO.	DESCRIPTION
12	41-75	Flange
13	41-7-25	Enclosing Tube (Stainless)
14	41-1-8-3	Kick-Off Spring
15	41-10-11	Plunger
16	41-15-5	Diaphragm
17	41-59-2	Valve Body
18	58-54-4	Compression Elbow
19	58-24	Compression Fitting
20	41-36-1	Strainer Screen
21	21-8	O-Ring Seal (Buna-N)
22	41-60	Screen Cap

DEMA[®] 581P-2W & 581A-2W

SOLID BOWL FEEDER WITH TIMER TRAY



WATER SUPPLY CONNECTION		
NO.	PART NO.	DESCRIPTION
1	61-93	Vacuum Breaker 1/4" (Brass)
2	58-54-4	Compression Elbow (Brass) 1/4" OD
3	58-53-8	Compression Fitting (Brass)
4	58-2	Vacuum Breaker w/Fitting (Plastic)
5	58-1	Vacuum Breaker (Plastic)
6	58-104-2	J.G. Elbow Fitting 1/4" (Plastic)
7	58-103-2	J.G. Straight Fitting 1/4" (Plastic)
8	58-6	Stainless Steel Tube 8"lg x 1/4" OD
9	58-58	LDPE Tubing 1/4"OD 2' Lg
10	24-67	#8 HiLo Screw 1"
11	58-23	Splash Guard
12	58-87	Vacuum Valve Seat
13	58-51	O-Ring EP 5/8" x 13/16" x 3/32"
14	58-86	Rubber Washer EP
15	58-21	Vacuum Poppet
16	58-20	Vacuum Breaker Body

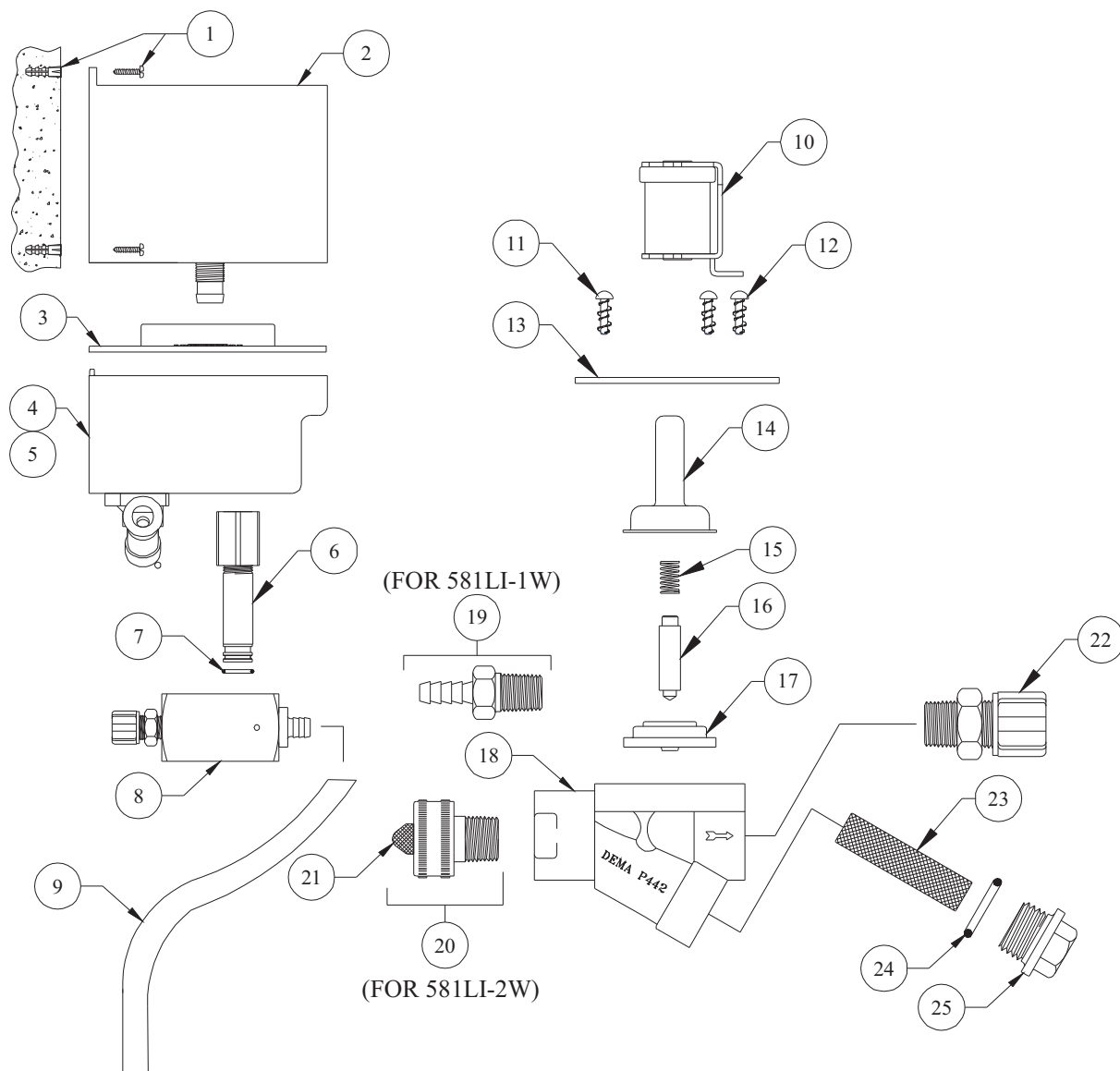
SPRAY ARM ASSEMBLY		
NO.	PART NO.	DESCRIPTION
17	85-13B	Spray Arm Assembly (Brass)
18	58-8	Compression Nut (Brass)
19	58-112-1	Top Fitting w/O-Ring (Brass)
20	58-9	O-Ring (Only) (EP)
21	58-28	Spring
22	58-113-1	13/32 Dia. Ball (Teflon)
23	44-116-2	#8 Stainless Steel Hi-Lo Screw
24	58-18	Spray Arm
25	58-14	Arm Plug
26	58-109-1	Hex Socket Plug 1/8"
27	58-27	Safety Paddle
28	58-16-2	Spray Nozzle 1/8" NPT (Lt. Blue)
29	24-31-5	Backup Washer

TIMER TRAY ASSEMBLY		
NO.	PART NO.	DESCRIPTION
30	442PE	Valve Assembly
31	58-40	#8-32 X 3/8" Lg. Screw
32	58-41-2	Timer Tray Assembly
33	58-39-3	Battery Holder (2 Req'd)
34	82-5	Shunt
35	58-101	Reed Switch Assembly
36	58-100	Pot & Pan Soap Timer Board
37	81-32-40	Cable Assy. - Red
38	81-32-39	Cable Assy. - Black
39	25-124-4	Universal Bushing 7/8"
40	L826	Membrane Switch - Sure Timer 11

ACCESSORIES		
NO.	PART NO.	DESCRIPTION
41	25-69	AC Adapter 120V/60Hz - 12VDC (Not Shown)

DEMA SOLID PRODUCT LAUNDRY MASTER™

Models 581LI-1W and 581LI-2W



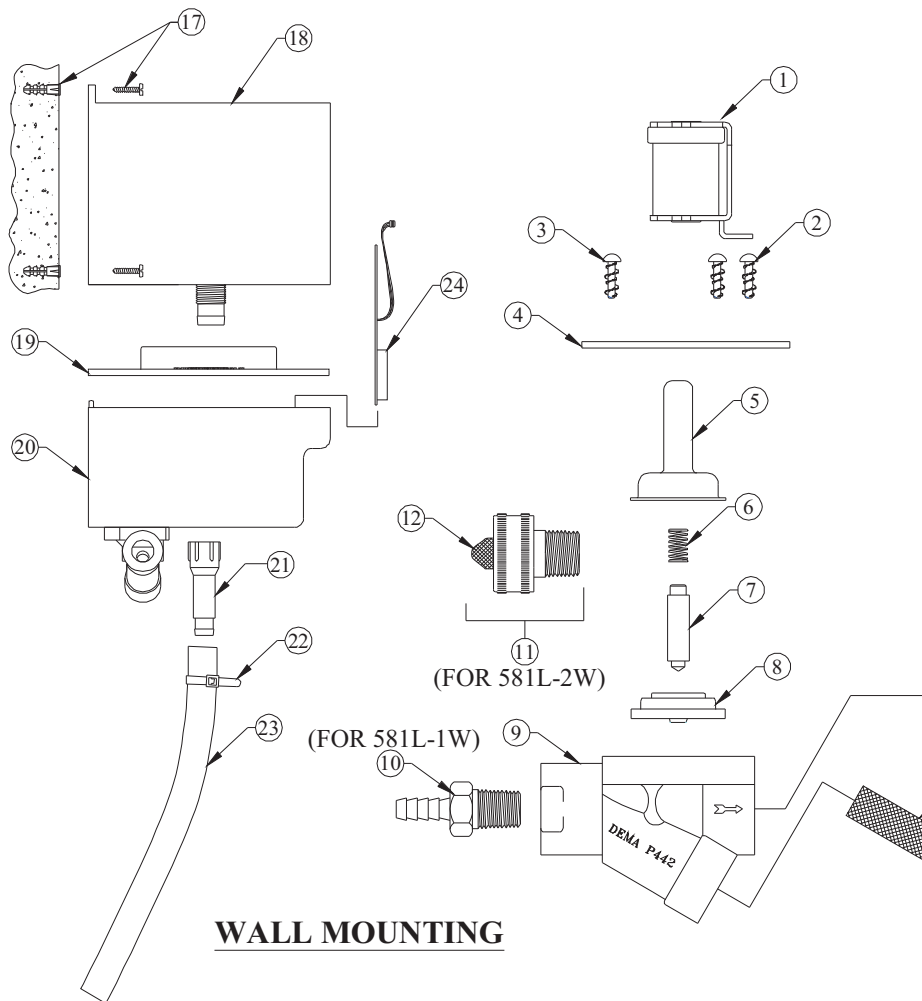
WALL MOUNTING

NO.	PART NO.	DESCRIPTION
1	66-123	Mounting Screw & Anchor Kit
2	58-19-6	Solid Bowl Feeder
3	58-117	Equipment Tray Lid
4	58-75	Timer Tray Assembly (For 51LI-1W)
5	58-75-3	Timer Tray Assembly (For 51LI-2W)
6	58-3-1	Adapter Assembly
7	58-95	O-Ring
8	58-90	Injector Assembly
9	100-12L	Plastic Tubing ½" O.D. 3/8" ID X 8' Lg.
10	41-9-5-4	Solenoid Coil
11	44-116-2	Screw #8-18 X ½" Lg. (1 Req'd)
12	44-116-1	Screw #8-18 X 3/8" Lg. (2Req'd)
13	41-75	Flange

NO.	PART NO.	DESCRIPTION
14	41-7-25	Enclosing Tube (Stainless)
15	41-1-8	Kick-Off Spring
16	41-10-11	Plunger
17	41-15-7	Diaphragm, Buna-N
18	41-59-1	Valve Body
19	66-119-18	½" Hose Barb (For 51LI-1W)
20	63-32	Swivel Adapter Assy. (For 51LI-2W)
21	100-38	Strainer Washer
22	58-24	Jaco Male Connector ¼" (Plastic)
23	41-36-1	Strainer Screen
24	21-8	O-Ring Seal, Buna-N (5/8x3/4x1/16)
25	41-60	Screen Cap

DEMA SOLID PRODUCT LAUNDRY MASTER™

MODEL: 581L-1W and 581L-2W

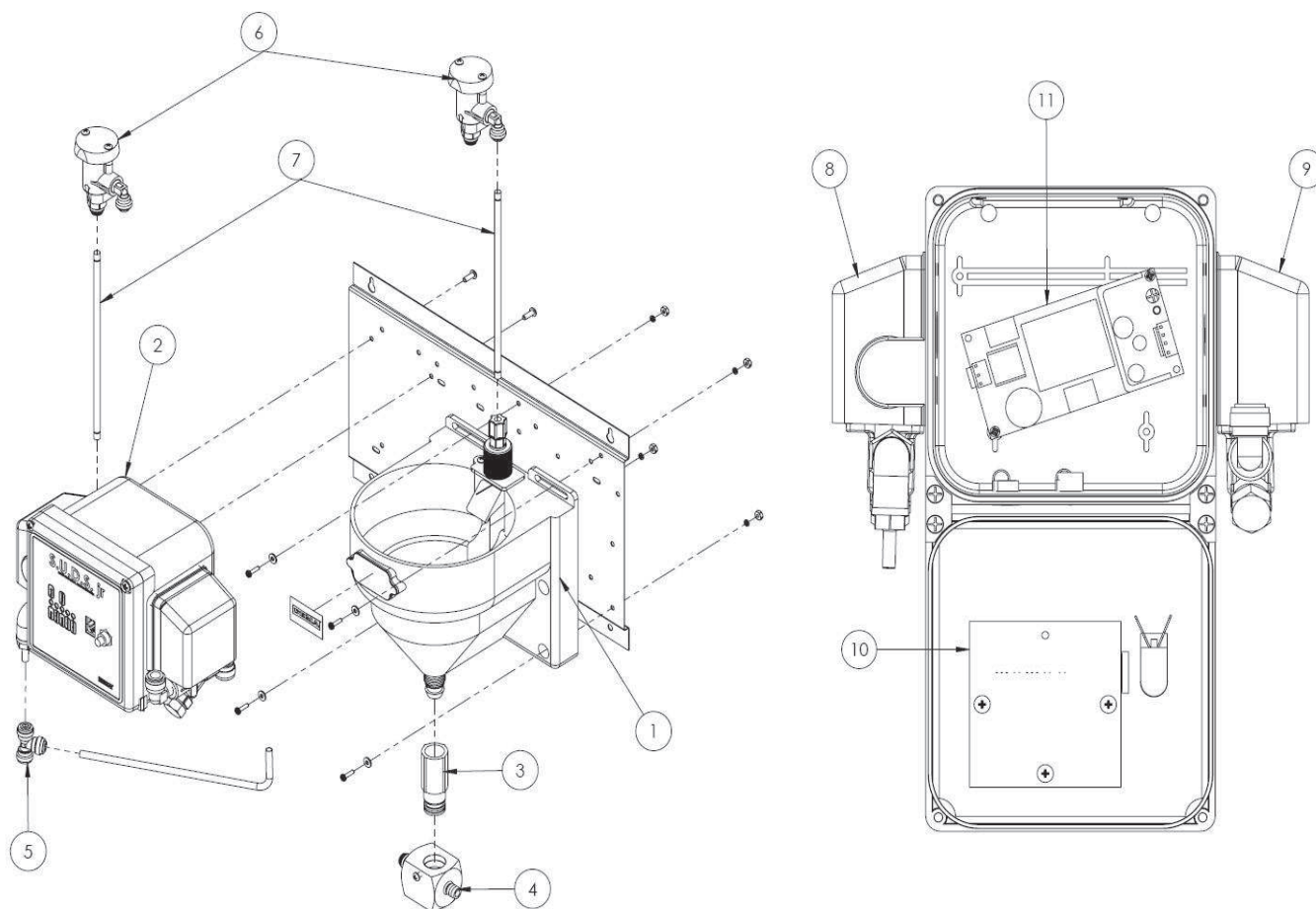


NO.	PART NO.	DESCRIPTION
1	41-9-5-4	Solenoid Coil
2	44-116-1	Screw #8-18 X ½" Lg. (2 Req'd)
3	44-116-2	Screw #8-18 X 3/8" Lg. (2 Req'd)
4	41-75	Bracket
5	41-7-25	Enclosing Tube (Stainless)
6	41-1-8-3	Kick-off Spring
7	41-10-11	Plunger
8	41-15-7	Diaphragm
9	41-59-1	Valve Body
10	66-119-18	½" Hose Barb (For 581L-1W)
11	63-32	Swivel Adapter Assy.(For581L-2W)
12	100-38	Strainer Washer
13	58-24	Compression Fitting
14	41-36-1	Strainer Screen
15	21-8	O-Ring Seal, Buna
16	41-60	Screen Cap

NO.	PART NO.	DESCRIPTION
17	66-123	Mounting Screw & Anchor Kit
18	58-19-6	Solid Bowl Feeder
19	58-117	Equipment Tray Lid
20	58-75 58-75-3	Timer Tray Assembly – 581L-1W Timer Tray Assembly – 581L-2W
21	58-78	Adapter
22	81-16-1	Tie Wrap
23	58-7	Vinyl Tubing (4' X 5/8 ID)
24	85-38-8	Control Board

DEMA 581KS-1W & 581KIS-1W

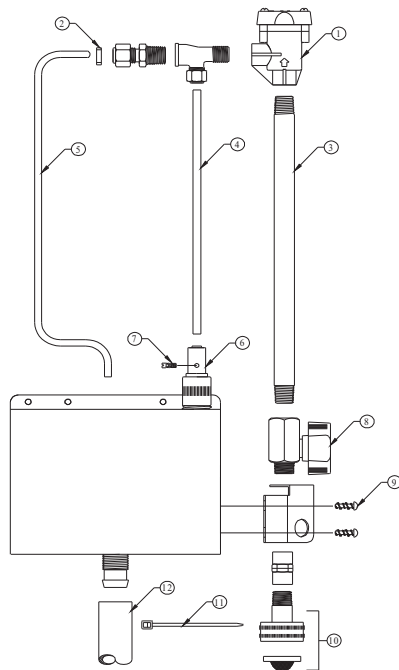
SOLID BOWL DISPENSER



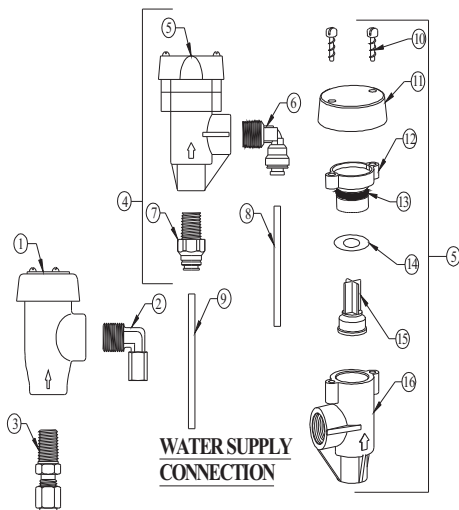
NO.	PART NO.	DESCRIPTION
1	5800V.NH	DEMA VIKING BOWL – NO HARDWARE
2	58.121.15	581KS CONTROL
	58.121.16	581KIS CONTROL
	58.121.17	581KISV CONTROL
3	58.3.2	ADAPTER FROM BOWL TO INJECTOR
4	58.90	INJECTOR ASSEMBLY
5	58.110.1	JOHN GUEST TEE ¼"X¼"X¼"
6	58.2	VACUUM BREAKER ASSY (JOHN GUEST ¼" FITTINGS)
7	58.6	8" SS TUBE
8	44.123.18B	VALVE ASSY FOR 581KIS(V) FOR INJECTOR
9	44.123.19B	VALVE ASSY FOR 581KS OR 581KIS(V) FOR BOWL
10	84.155.2	SPL CONTROL BOARD
11	81.281.1	OPEN FRAME POWER SUPPLY REPLACEMENT KIT
12	81.245.1	2 BUTTON PROGRAMMER (NOT SHOWN)

DEMA 581-1BV

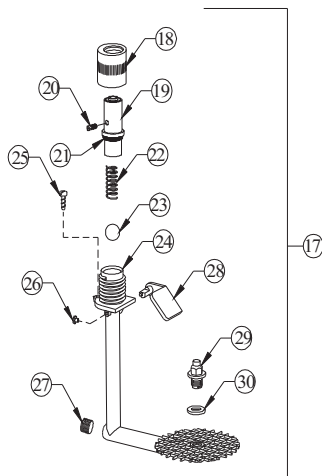
MANUAL SOLID BOWL FEEDER



NO.	PART NO.	DESCRIPTION
1	58-1	Vacuum Breaker
2	58-92	Flow Disc
3	58-83	¼" X 12d" Pipe
4	58-6	Stainless Steel Tube (8" Long)
5	58-77	Formed Copper Tube
6	85-13B-2	Spray Arm Assembly
7	100-24	Metering Screw w/O-Ring
8	65-7	Ball Valve
9	44-116-2	#8-18 X 3/8" Lg. Hi-Lo Screw (2 Req'd)
10	16-1	Water Inlet Assembly
11	81-16-1	Tie Wrap
12	58-7	4' Long Tubing

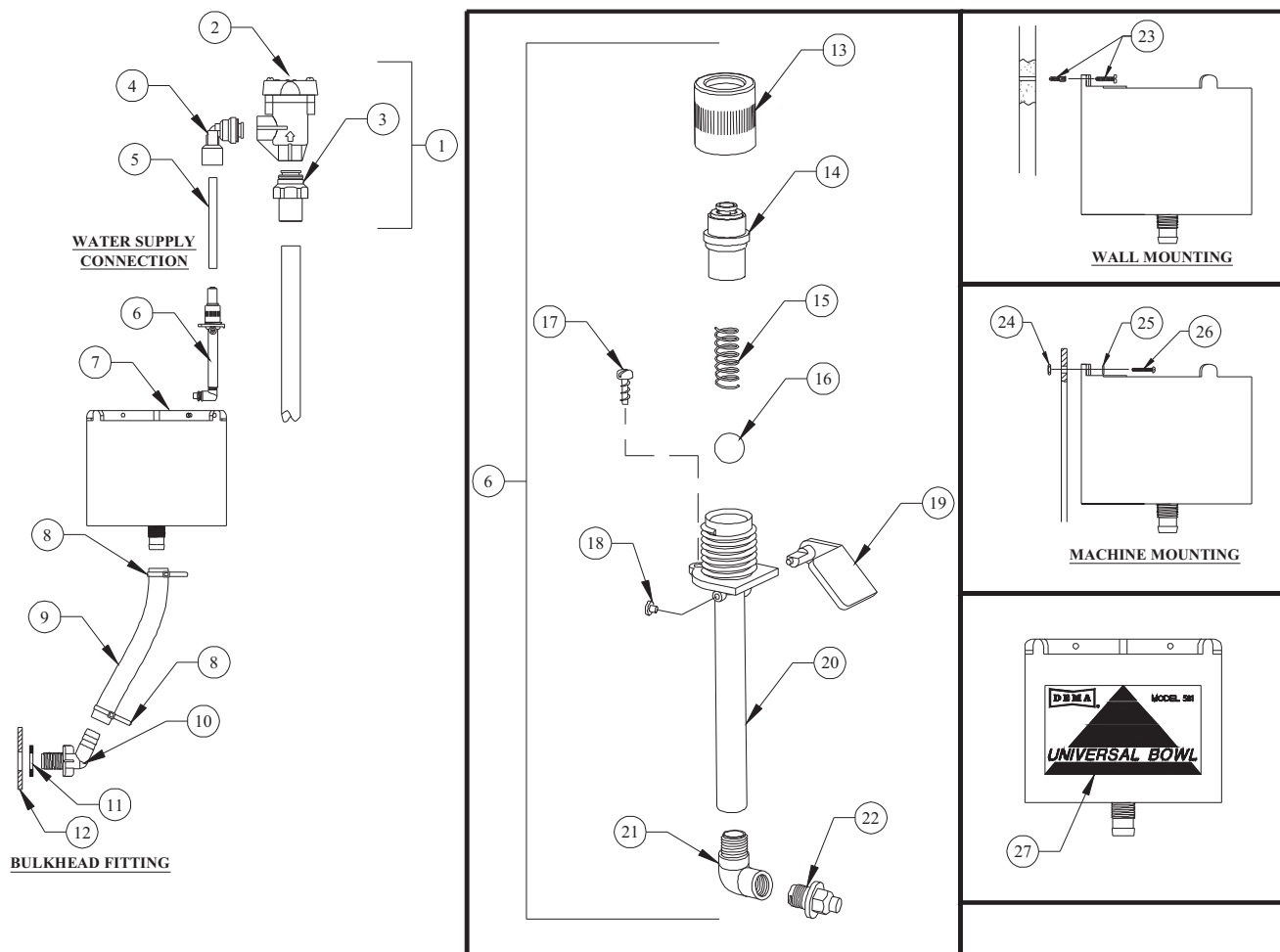


**WATER SUPPLY
CONNECTION**



NO.	PART NO.	DESCRIPTION
1	61-93	Vacuum Breaker ¼" (Brass)
2	58-54-4	Compression Elbow (Brass)
3	58-53-8	Compression Fitting (Brass)
4	58-2	Vacuum Breaker w/J.G. Fittings (Plastic)
5	58-1	Vacuum Breaker (Plastic)
6	58-104-2	J.G. Elbow Fittings ¼" X ¼" (Plastic)
7	58-103-2	J.G. Straight Fittings ¼" X ¼" (Plastic)
8	58-6	Stainless Steel Tube ¼" X 8" Lg.
9	58-58	Plastic Tubing ¼" O.D. X 2" Lg. (LDPE)
10	24-67	#8 HiLo Screw 1"
11	58-23	Splash Guard
12	58-87	Vacuum Seat
13	58-51	O-Ring (E.P.)
14	58-86	Rubber Washer (E.P.)
15	58-21	Vacuum Poppet
16	58-20	Vacuum Breaker Body
17	85-13B-2	Spray Arm Assembly
18	58-8	Compression Nut
19	58-112-2	Top Fittings w/O-Ring (Brass)
20	100-24	Metering Screen Assembly
21	58-9	O-Ring Only (EP)
22	58-28	Spring
23	58-113-1	Ball (Teflon)
24	58-18	Spray Arm
25	44-116-2	#8-18 X 3/8" Lg. Screw (1 Req'd)
26	58-14	Arm Plug
27	58-109-1	Hex Socket
28	58-27	Safety Paddle
29	58-16-2	Spray Nozzle 1/8" NPT
30	24-31-5	Backup Washer

DEMA 581-WMBH-P POWDER BOWL FEEDER

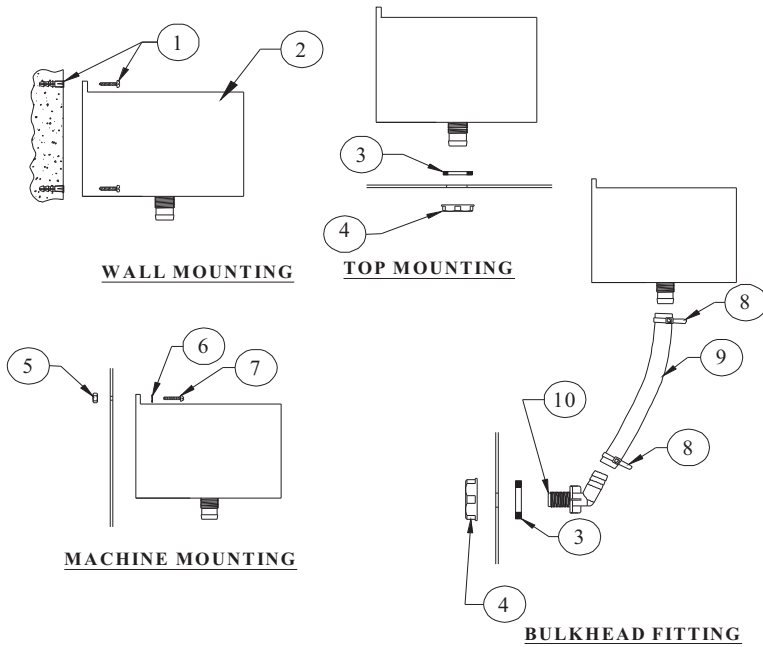


NO.	PART NO.	DESCRIPTION
1	58-2	Vacuum Breaker w/Fittings
2	58-1	Vacuum Breaker (Plastic)
3	58-103-2	J.G. Straight fitting 1/4 x 1/4 (Plastic)
4	58-104-2	J.G. Elbow Fittings 1/4 x 1/4 (Plastic)
5	58-6	Stainless Steel Tube
6	85-37	Spray Arm Replacement Kit
7	58-19-6	Powder Bowl Less Acc.
8	81-16-1	Tie Warp
9	58-7	Plastic Tubing
10	80-74	Elbow Fitting – 65 Degree
11	81-30	Rubber Washer
12	80-73	Hex Nut
13	58-8	Compression Nut
14	58-112-1	Top Fitting

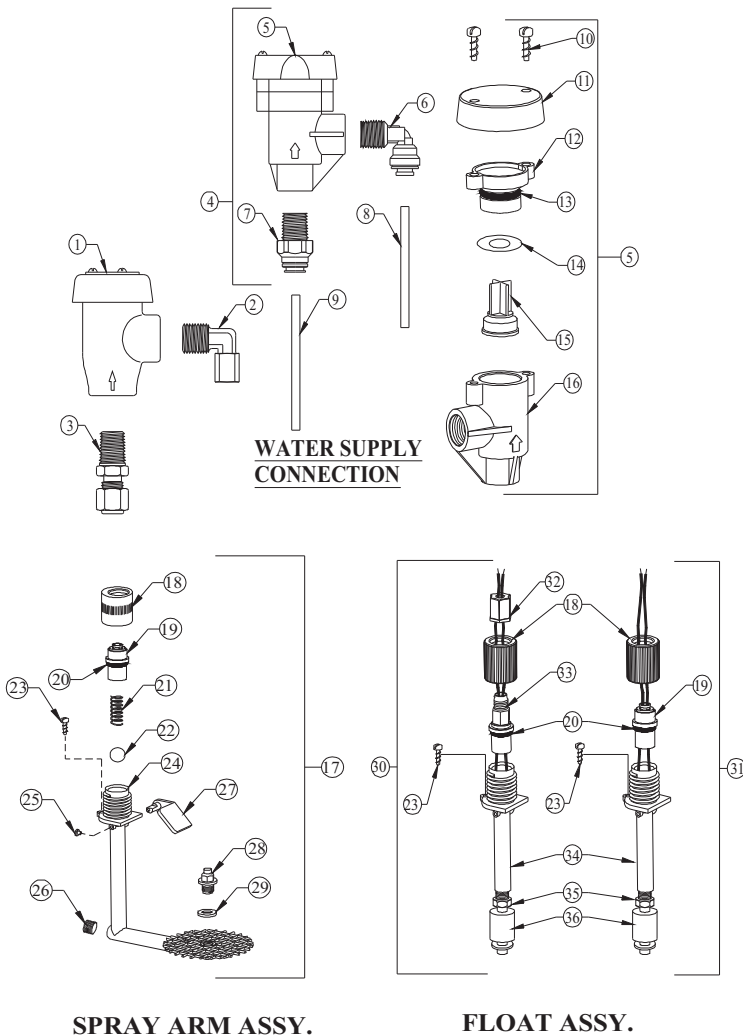
NO.	PART NO.	DESCRIPTION
15	58-28	Spring
16	58-113-1	13/32 Dia. Ball
17	44-116-2	#8 Hi Lo Screw
18	58-14	Arm Plug
19	58-27	Safety Paddle
20	58-67	Spray Arm
21	58-68	Street Elbow
22	58-31	Spray Nozzle
23	66-123	Mounting Screw & Anchor Kit
24	66-13	Hex Nut w/Lock Washer
25	61-68	Washer
26	58-59	Screw
27	L627	Label - Universal

DEMA 581-1 & 581-WMBH

SOLID BOWL FEEDER



NO.	PART NO.	DESCRIPTION
1	66-123	Mounting Screw & Anchor Kit
2	58-19	Solid Bowl Feeder
3	81-30	Rubber Washer
4	27072-1	Hex Nut w/Flange
5	66-13	Hex Nut
6	61-68	Washer
7	58-59	Screw
8	81-16-1	Tie Wrap
9	58-7	Vinyl Tubing
10	80-74	Bulkhead Fitting

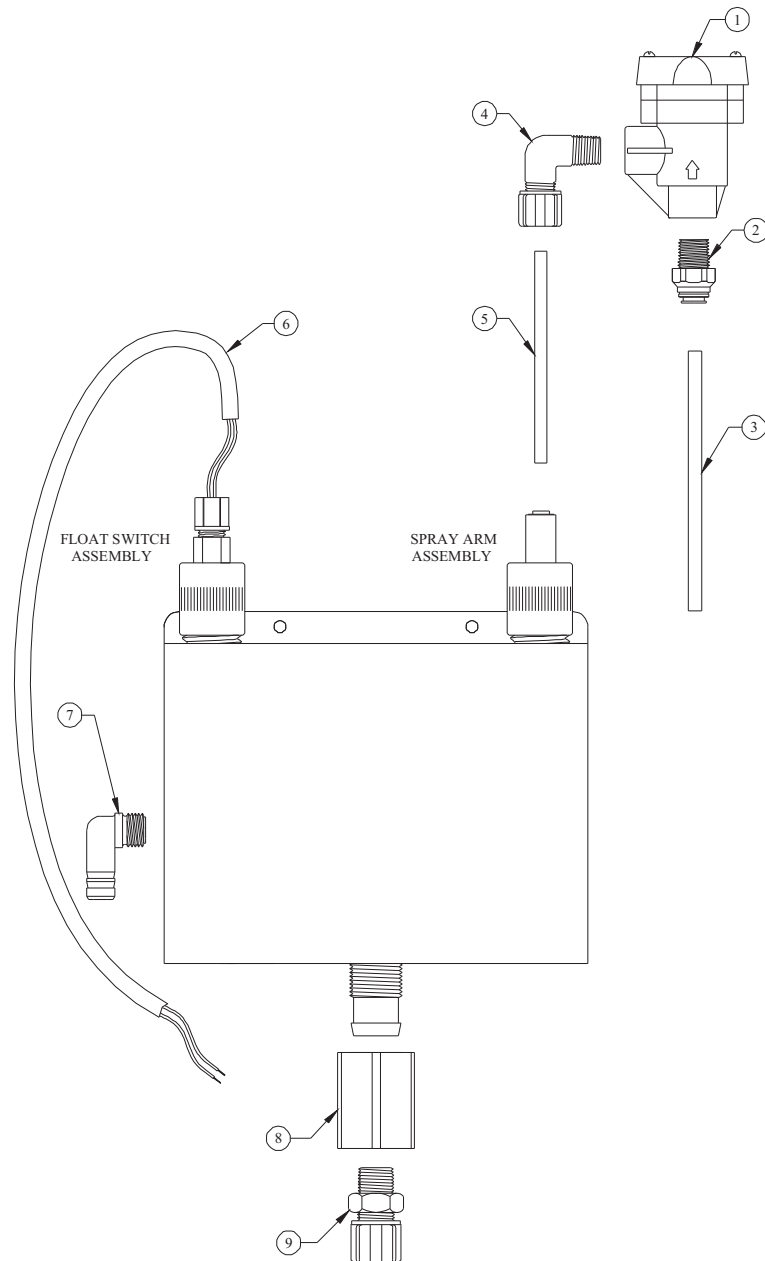


NO.	PART NO.	DESCRIPTION
1	61-93	Vacuum Breaker 1/4" (Brass)
2	58-54-4	Compression Elbow (Brass)
3	58-53-8	Compression Fitting (Brass)
4	58-2	Vacuum Breaker w/J.G. Fittings (Plastic)
5	58-1	Vacuum Breaker (Plastic)
6	58-104-2	J.G. Elbow Fittings 1/4" X 1/4" (Plastic)
7	58-103-2	J.G. Straight Fittings 1/4" X 1/4" (Plastic)
8	58-6	Stainless Steel Tube 1/4" X 8" Lg.
9	58-58	Plastic Tubing 1/4" O.D. X 2" Lg. (LDPE)
10	24-67	#8 HiLo Screw 1"
11	58-23	Splash Guard
12	58-87	Vacuum Seat
13	58-51	O-Ring (E.P.)
14	58-86	Rubber Washer (E.P.)
15	58-21	Vacuum Poppet
16	58-20	Vacuum Breaker Body
17	85-13B	Spray Arm Assembly
18	58-8	Compression Nut
19	58-112-1	Top Fittings w/O-Ring (Brass)
20	58-9	O-Ring Only (EP)
21	58-28	Spring
22	58-113-1	Ball (Teflon)
23	44-116-2	#8 Screw
24	58-18	Spray Arm
25	58-14	Arm Plug
26	58-109-1	Hex Socket
27	58-27	Safety Paddle
28	58-16-2	Spray Nozzle 1/8" NPT
29	24-31-5	Backup Washer
30	85-14	Float Switch Assy. (Plastic)
31	85-14B	Float Switch Assy. (Brass)
32	80-67-13	Compression Nut 1/4" O.D. Tube
33	58-26	Top Fitting W/O-Ring (Plastic)
34	58-63	Level Switch Mounting
35	58-70	Spacer
36	58-64	Level Switch

DEMA® MODEL 581-SP

SOLID BOWL FEEDER

(MOUNTED ON A BOARD)

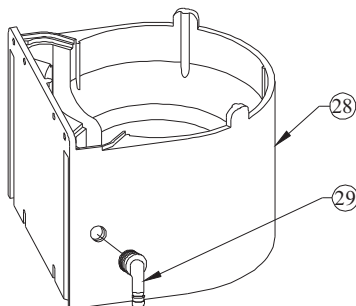
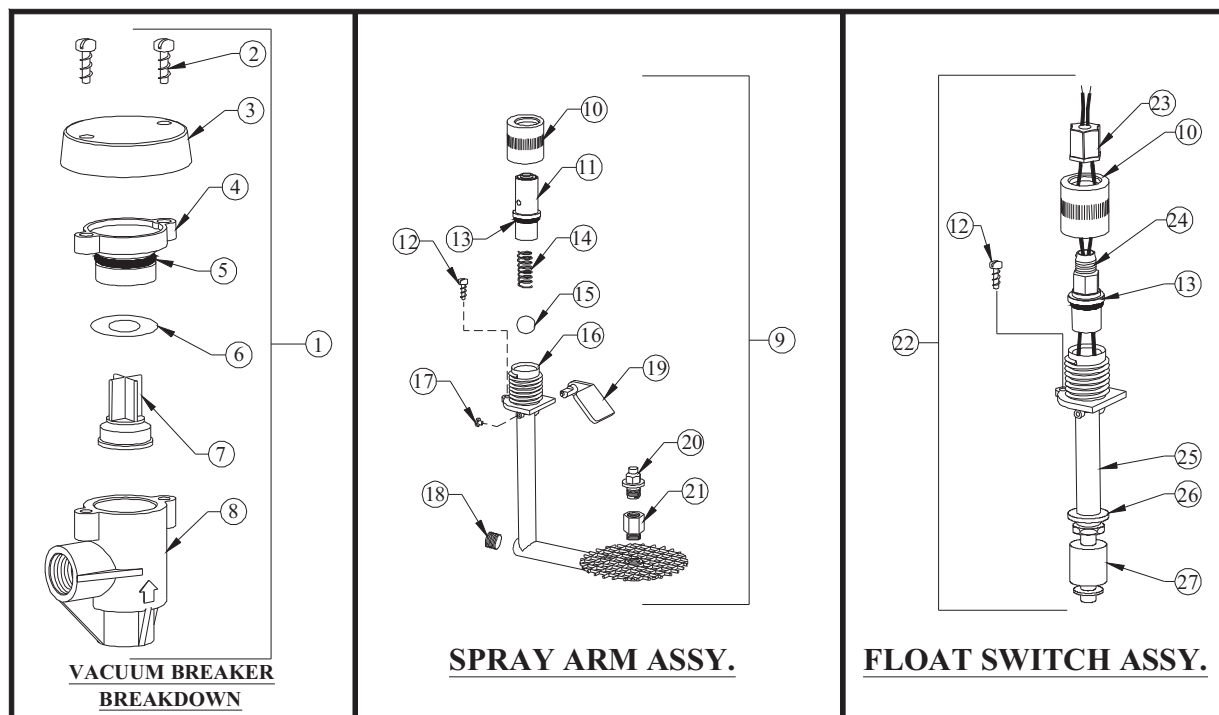


NO.	PART NO.	DESCRIPTION
1	58-1	Vacuum Breaker
2	58-103-2	J.G. Fitting ¼ X ¼ (Plastic)
3	58-6-6	Stainless Steel Tube (¼" OD X 6" Lg.)
4	58-29	Compression Elbow
5	58-6	Stainless Steel Tube (¼" OD X 8" Lg.)
6	58-97-16	Plastic Tubing (¼" OD X 16" Lg.)
7	63-80	Inlet Barb (For Overflow Draining)
8	58-98-1	Plastic Coupling
9	59-97-9	Compression Fitting (3/8" OD X ½" MPT)

DEMA® MODEL 581-SP

SOLID BOWL FEEDER

(MOUNTED ON A BOARD)



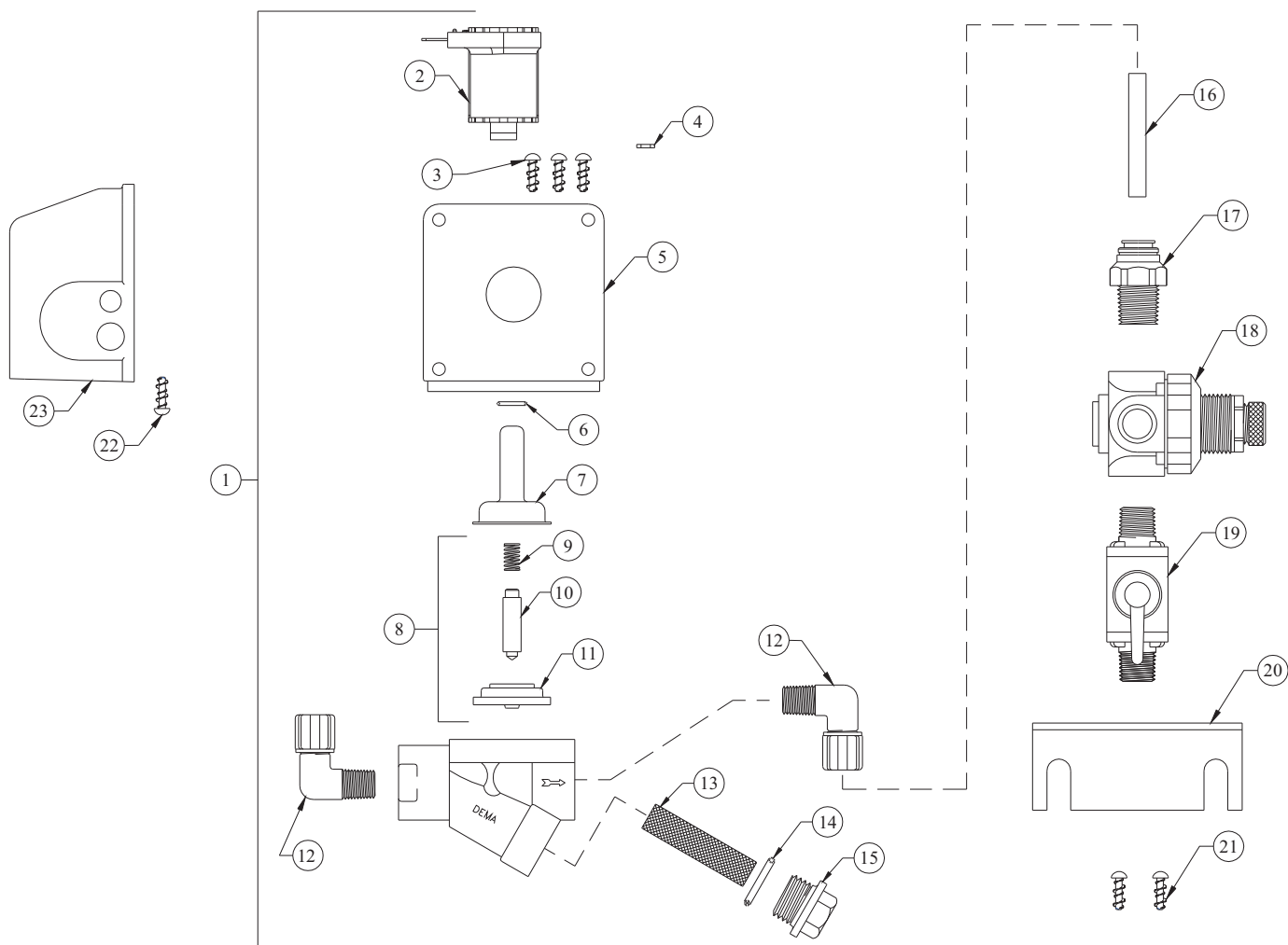
NO.	PART NO.	DESCRIPTION
1	58-1	Vacuum Breaker (Plastic)
2	24-67	#8 HiLo Screw
3	58-23	Splash Guard
4	58-87	Vacuum Seat
5	58-51	O-Ring
6	58-86	Rubber Washer
7	58-21	Vacuum Breaker Poppet
8	58-20	Vacuum Breaker Body
9	85-13B	Spray Arm Assembly
10	58-8	Compression Nut
11	58-112-1	Top Fitting W/O-Ring (Brass)
12	44-116-2	#8 Screw
13	58-9	O-Ring only (EP)
14	58-28	Spring

NO.	PART NO.	DESCRIPTION
15	58-113-1	Ball (Teflon)
16	58-18	Spray Arm
17	58-14	Arm Plug
18	58-109-1	Hex Socket Plug
19	58-27	Safety Paddle
20	58-16-2	Spray Nozzle 1/8" NPT
21	58-82	Adapter
22	85-14	Float Switch Assy. (Plastic)
23	80-67-3	Compression Nut (For 1/4" O.D. Tube)
24	58-26	Top Fitting w/O-Ring (Plastic)
25	58-63	Level Switch Mounting
26	58-70	Spacer
27	58-64	Level Switch
28	58-111-SP	Solid Bowl Feeder
29	63-80	Inlet Barb 3/8"

DEMA® MODEL 581-SP

SOLID BOWL FEEDER

(MOUNTED ON A BOARD)

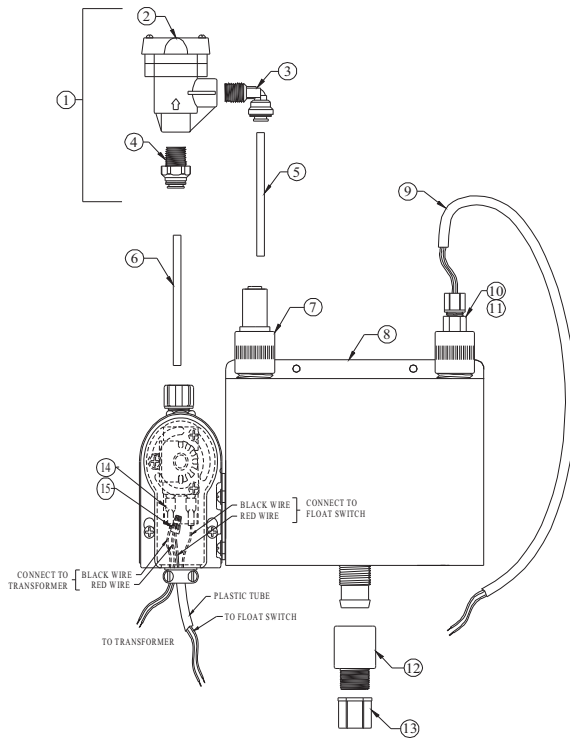


NO.	PART NO.	DESCRIPTION
1	44-123-14B	Valve Assembly Less Cover
2	41-9-5-2	Solenoid Coil – 12 VDC
3	41-16-7	Screw (3 Req'd)
4	41-41	Nylon Washer
5	44-135-1	Flange
6	41-34	Spacer Ring
7	41-7-25	Enclosing Tube
8	61-78	Valve Repair Kit
9	41-1-8	Kick-Off Spring
10	41-10-11	Plunger
11	41-15-5	Diaphragm
12	58-29	Male Elbow Compression Fitting

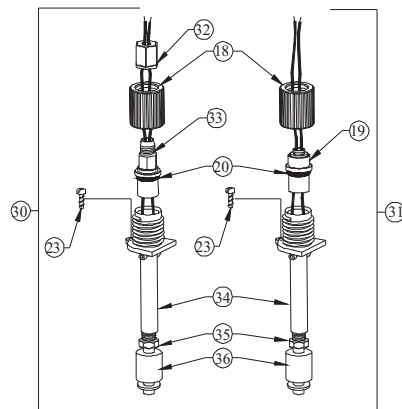
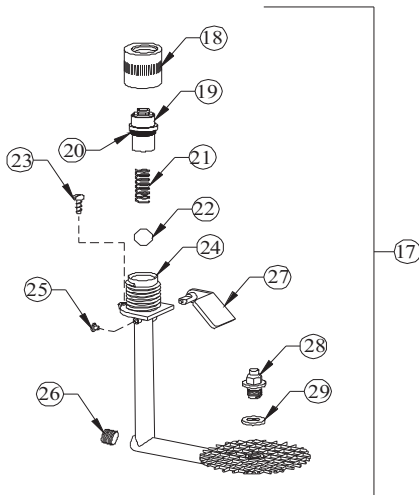
NO.	PART NO.	DESCRIPTION
13	41-36-1	Strainer Screen
14	23-27	O-Ring Seal (Buna-N)
15	41-35-2	Screen Cap
16	58-6-2	1/4" O.D. x 2" Tube
17	58-103-2	J.G. Straight Fitting 1/4 x 1/4 (Plastic)
18	73-13-2	Pressure Regulator w/2 Gauge Ports
19	73-14-1	Ball Valve
20	73-15-1	Mounting Bracket
21	44-116-2	HiLo Screw (#8 x 3/8" Lg.) (4 Req'd)
22	58-60	#6 Stainless Hi Lo Screw 1/2" Lg.
23	73-17-1	Solenoid Cover

DEMA 581-RB & 581-RB-4

SOLID RINSE BOWL



NO.	PART NO.	DESCRIPTION
1	58-2	Vacuum Breaker w/J.G. Fittings (Plastic)
2	58-1	Vacuum Breaker (Plastic)
3	58-104-2	J.G. Elbow Fittings 1/4" X 1/4" (Plastic)
4	58-103-2	J.G. Straight Fittings 1/4" X 1/4" (Plastic)
5	58-6	Stainless Steel Tube 1/4" X 8" Lg.
6	58-58	Plastic Tubing 1/4" O.D. X 2" Lg. (LDPE)
7	85-13B	Spray Arm Assy.
8	581-5	Rinse Bowl Feeder
9	58-65	Plastic Tubing 1/4" O.D. X 18" Lg. (LDPE)
10	85-14	Float Switch Assy (Plastic Fittings)
11	85-14B	Float Switch Assy (Brass Fittings)
12	58-70-2	Rinse Suction Fitting 1/4"
13	80-67-13	Compression Nut 1/4" O.D. Tube
14	81-14-15	Spade Connector
15	81-8-2	Wire Nut



NO.	PART NO.	DESCRIPTION
17	85-13B	Spray Arm Assembly
18	58-8	Compression Nut
19	58-112-1	Top Fittings w/O-Ring (Brass)
20	58-9	O-Ring Only (EP)
21	58-28	Spring
22	58-113-1	Ball (Teflon)
23	44-116-2	#8 Screw
24	58-18	Spray Arm
25	58-14	Arm Plug
26	58-109-1	Hex Socket
27	58-27	Safety Paddle
28	58-16-2	Spray Nozzle 1/8" NPT
29	24-31-5	Backup Washer
30	85-14	Float Switch Assy. (Plastic)
31	85-14B	Float Switch Assy. (Brass)
32	80-67-13	Comp. Nut 1/4" O.D. Tube
33	58-26	Top Fit W/O-Ring (Plastic)
34	58-63	Level Switch Mounting
35	58-70	Spacer
36	58-64	Level Switch



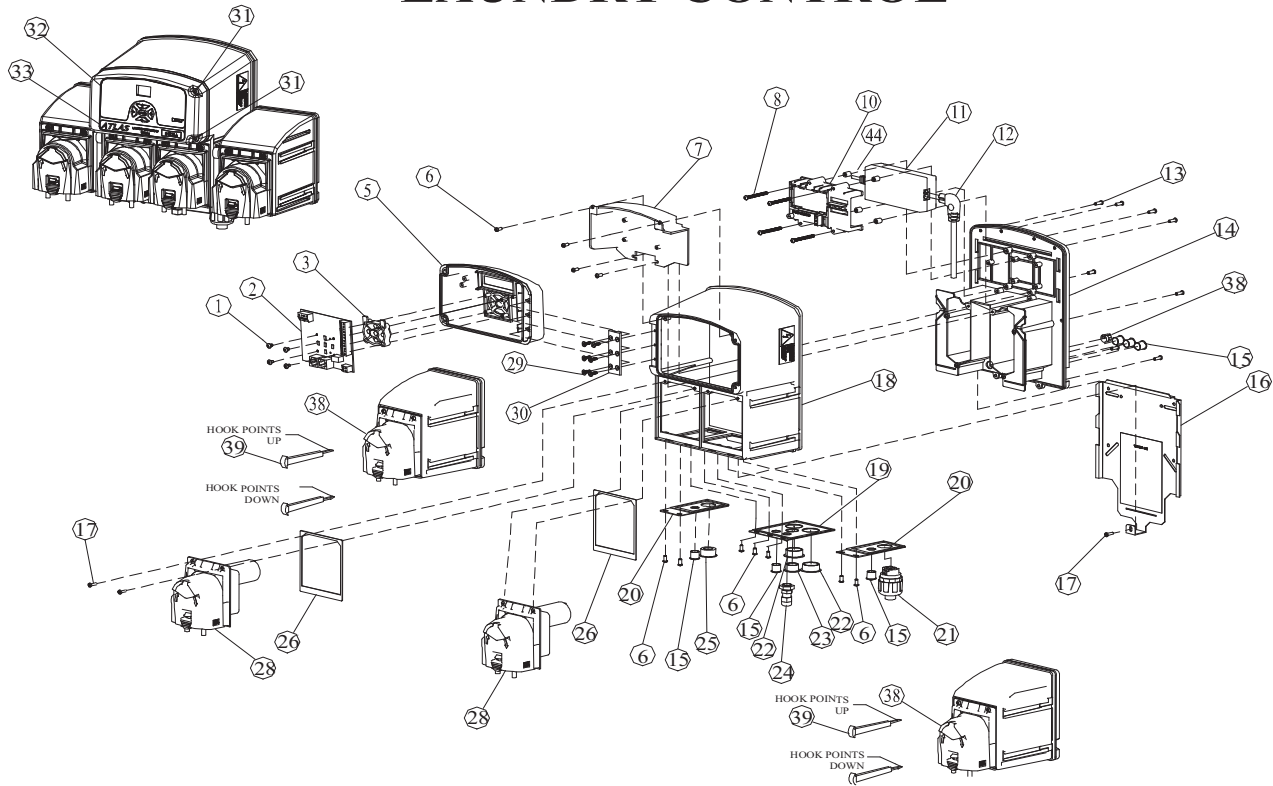
LAUNDRY DISPENSERS

ATLAS

LAUNDRY MASTER

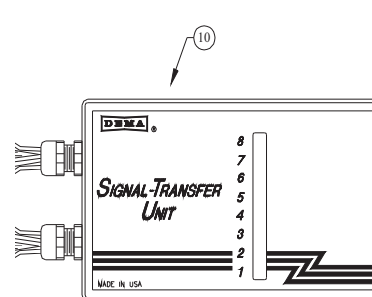
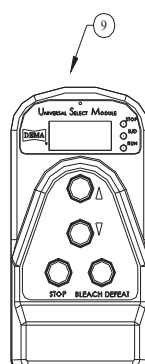
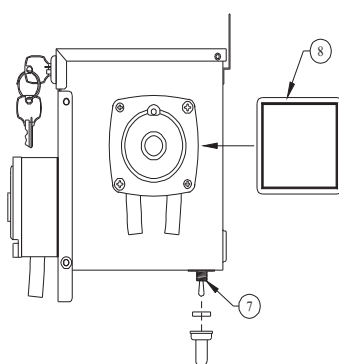
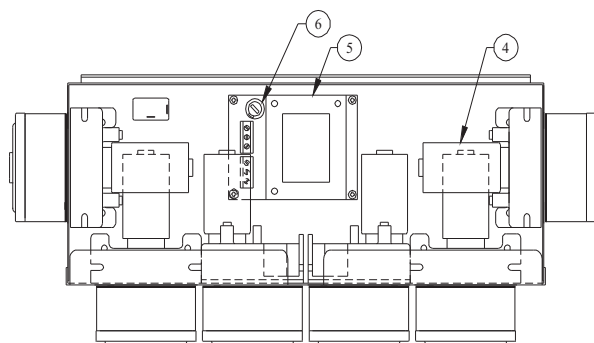
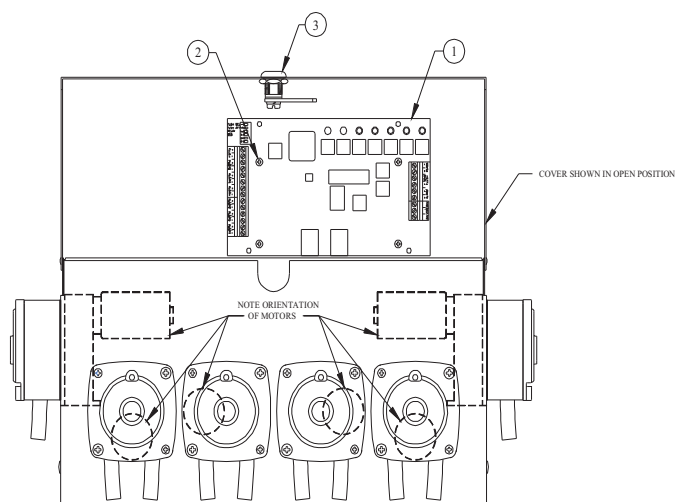
**SINGLE AND MULTI
PRODUCT**

DEMA ATLAS 844P™ SERIES LAUNDRY CONTROL



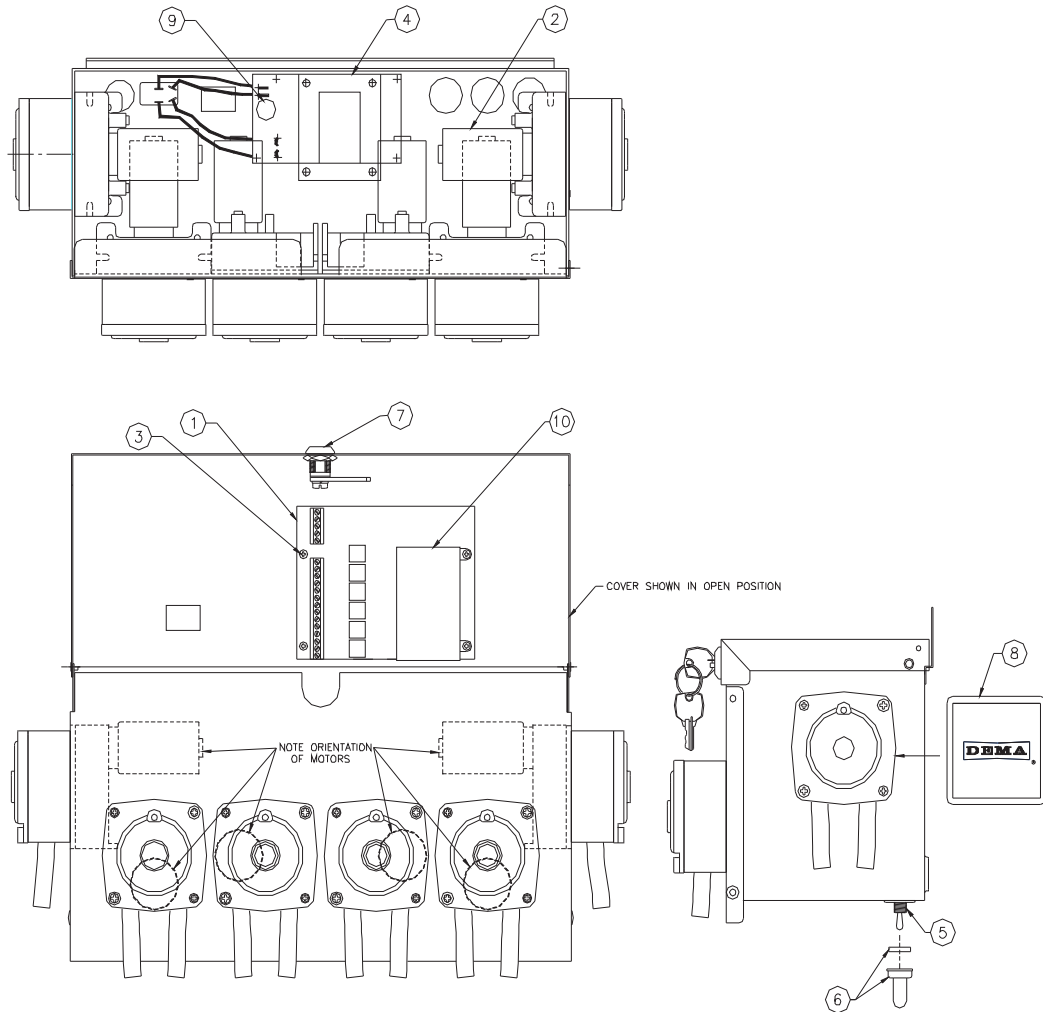
NO.	QTY.	DEMA NO.	DESCRIPTION
1	4	81-20-1	#4 HI-LO SCREW
2	1	84-153-1	CONTROL BOARD AND DISPLAY ASSY.
3	1	81-147-1	KEY PAD
5	1	81-139-1	CONTROL COVER
6	11	44-116-2	#8 X 3/8" HI-LO SCREW
7	1	81-137-1	FIREWALL
8	4	41-63-10	#8-32 X 1 3/4 PHIL. SS SCREW
10	1	81-138-1	POWER SUPPLY BRACKET
11	1	84-154-1	POWER SUPPLY (includes 84-xxx-x power supply cable)
12	1	84-125-1	POWER SUPPLY CABLE
13	8	44-116-1	#8 X 1/2 HI-LO SCREW
14	1	81-170-1	ENCLOSURE ASSY. BACK
15	7	81-47-1	1/2" HOLE PLUG
16	1	81-187-1	MOUNTING BRACKET
17	5	41-40-2	#6-32 X 1/2 PHIL SS SCREW
18	1	81-168-1	ENCLOSURE ASSY.
19	1	81-186-11	LARGE ACCESS PANEL ASSY.
20	1	81-186-5	SMALL ACCESS PANEL ASSY. W/TWO HOLE PLUGS
	1	81-186-7	SMALL ACCESS PANEL ASSY. W/CONDUIT FITTING
21	1	81-148-3	CONDUIT FITTING
22	2	81-47-6	1" HOLE PLUG
23	1	81-47-5	3/4" HOLE PLUG
24	1	81-16	LIQUID-TIGHT FEED THROUGH
25	1	81-47-4	7/8" HOLE PLUG
26	2	81-159-1	GASKET - PUMP BASE
28	2 - 6	81-173-5	PUMP 2 SPRING 1/4" ID - 105RPM
	2 - 6	81-173-1	PUMP 2 SPRING 1/4" ID - 60RPM
29	6	81-19-7	#8 SCREW (HINGE SCREW)
30	1	81-140-1	HINGE
31	2	81-29-2	CAPTIVE SCREW
32	1	L942	DISPLAY LABEL
33	1	L941	ATLAS LABEL
35	2	81-32-44	RED CABLE ASSEMBLY
36	2	81-32-43	BLACK CABLE ASSEMBLY
38	1	81-198-4	PUMP MODULE ASSY. W / 2 SPRING 1/4" ID 105 RPM PUMP
39	2	81-144-1	SIDE MODULE JOINT
40	1	81-173-1	DETERGENT PUMP - 60 RPM (SEE BREAKOUT DRAWING)
44	4	81-193-1	SPACER

DEMA 844 LAUNDRY MASTER



Item No.	DEMA Part Number	Description
1	84.65.2	IQ-80 Control Board
2	41.40	P.C. Board Screw
3	84.65.13	Lock and Key Kit
4	80.59.60 80.59.105	60 RPM Gear/Motor 24VDC 105 RPM Gear/Motor 24VDC
5	84.65.9	80VA Power Supply Kit
6	84.48.2	Fuse 2A, 250V 5 X 20mm Kit
7	83.11	Power Switch (Toggle Switch)
8	81.122.1	Pump Blank Label
9	84.65.31	USM Kit
10	84.65.6	STU Kit

DEMA 844R & 845R LAUNDRY MASTER

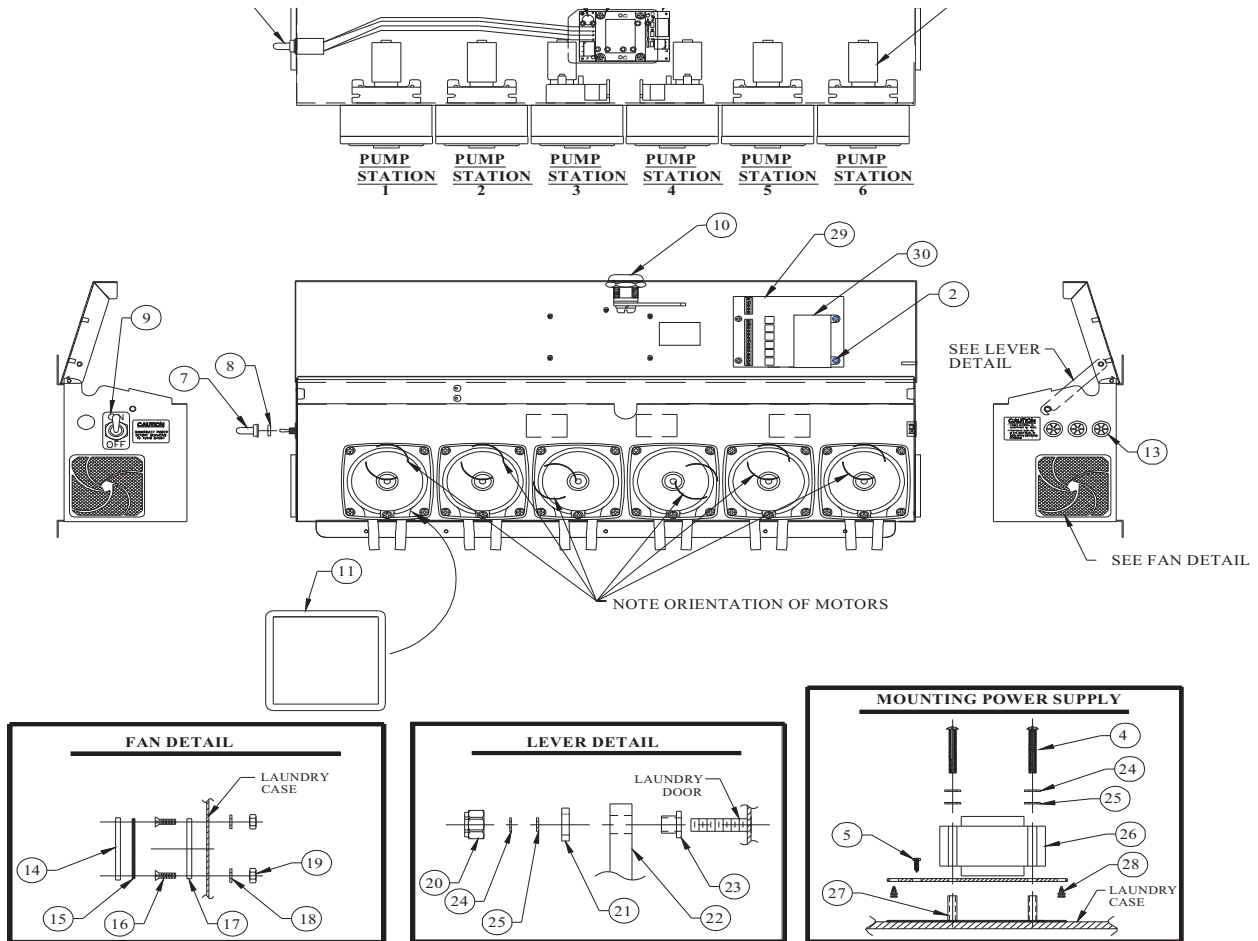


REPLACEMENT PARTS

Item No.	DEMA Part Number	Description
1	84-65-22	DC Relay Board
2	80-59-60 80-59-105	60 RPM Gear/Motor 24VDC 105 RPM Gear/Motor 24VDC
3	41-40	P.C. Board Screw
4	84-65-9	80VA Power Supply Kit
5	83-11	Power Switch (Toggle Switch)
6	84-65-4	Toggle Switch Boot & Mounting Nut
7	84-65-13	Lock and Key Kit
8	81-122-1	Pump Blank Label
9	84-48-2	Fuse 2A, 250V 5 X 20mm Kit
10	84-104-1	DC Relay Board Cover

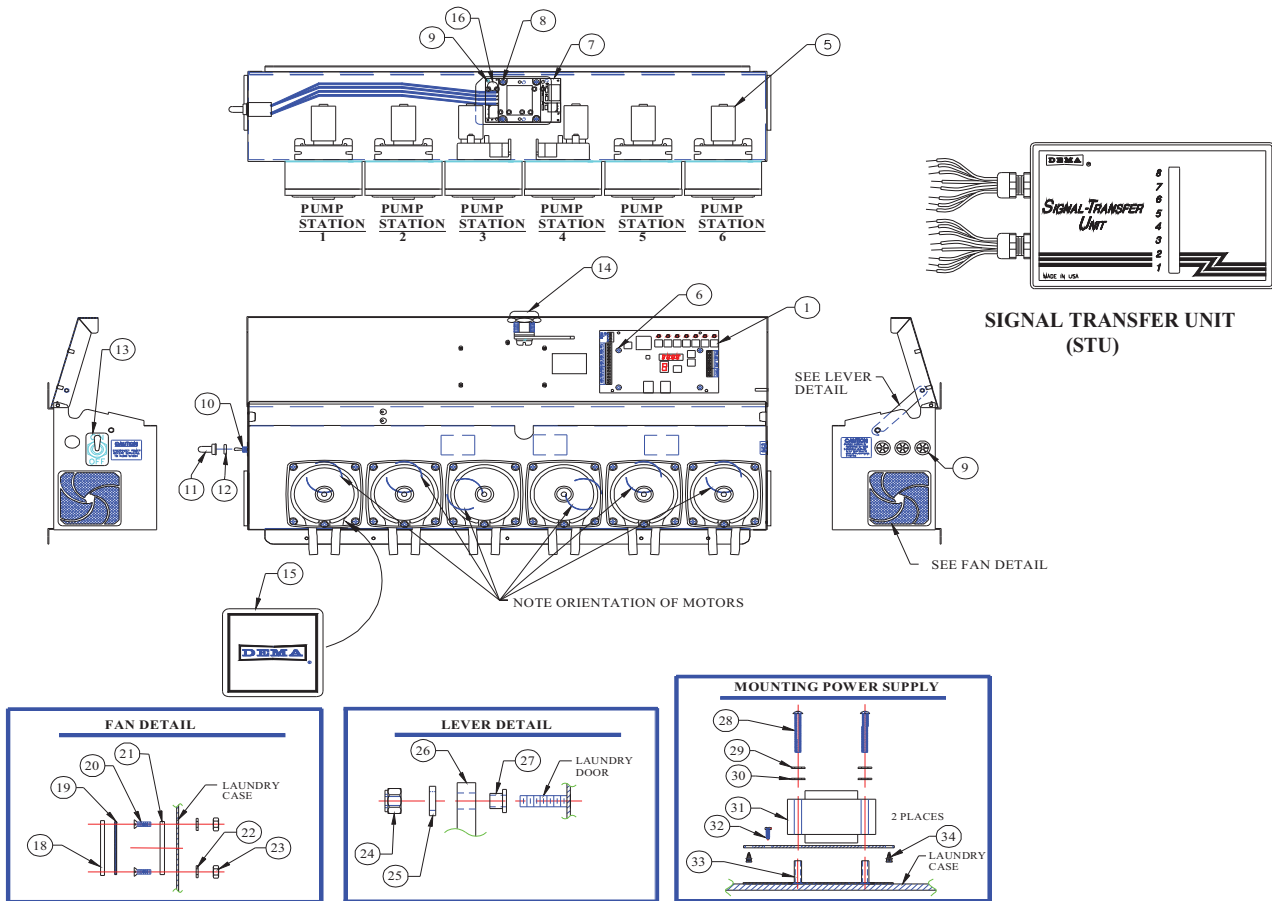
DEMA 844R & 845R LAUNDRY MASTER

Replacement Parts 845R

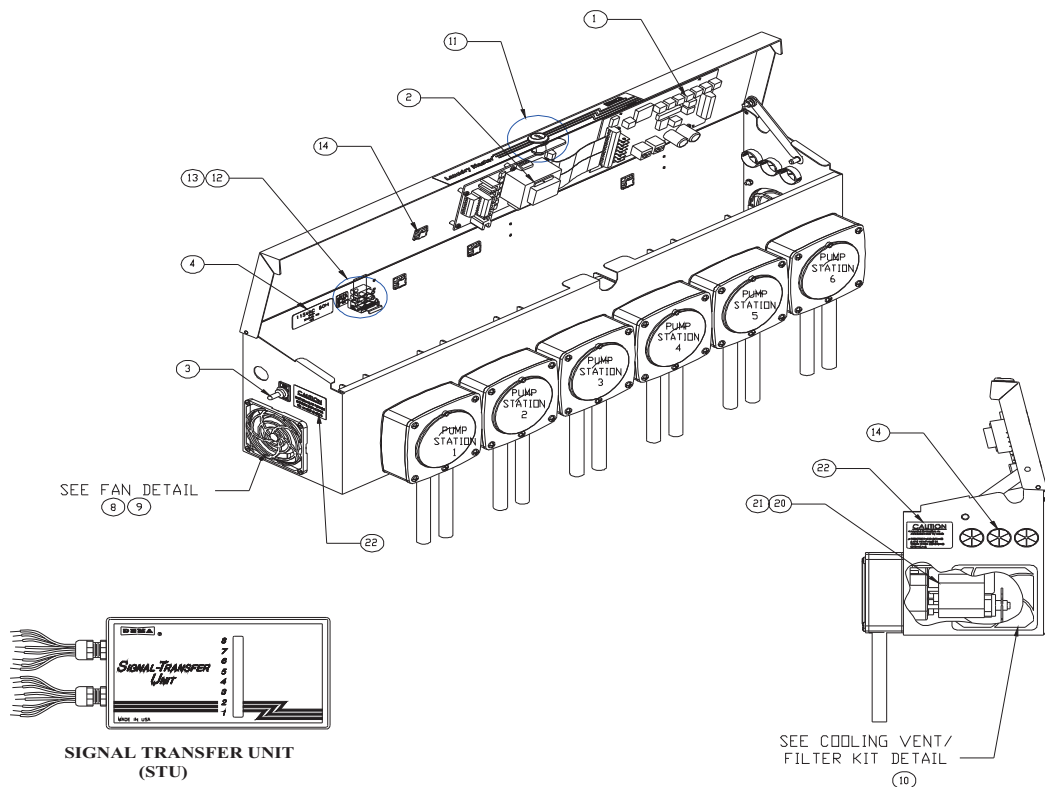


Replacement Parts			
Item No.	DEMA Part Number	QTY	Description
1	80-59-60 80-59-105	1 per pump	60 RPM Gear/Motor 24VDC 105 RPM Gear/Motor 24VDC
2	41-40	4	P.C. Board Screw
3	84-2-2	1	80VA Power Supply
4	41-63-12	4	10/32 X 2 1/4 Machine Screws
5	41-40-2	1	#6-32 X 1/2 Machine Screw
6	83-11-2	1	Power Switch (Toggle Switch)
7	84-13-1	1	Toggle Switch Boot
8	84-14-1	1	Toggle Switch Boot Mounting Nut
9	83-14-1	1	On/Off Switch Plate
10	66-21	1	Lock and Key Assembly
11	L732-1	1	Pump Blank Label
12	25-138-3	1	Fuse 2A, 250V 5 X 20mm
13	25-124-5	3	Universal Bushing
14	84-52-1	2	Foam Filter Retainer
15	84-51-1	2	Foam Filter-Cooling Fan
16	84-62-4	8	#6-32 Flat Head Screw
17	84-50-1	2	Fan Guard
18	44-133-5	8	Lock Washer
19	84-32-1	8	#6-32 Stainless Steel Nut
20	84-23-1	1	#10 Lock Nut
21	84-59-1	1	Flat Washer
22	84-58-1	1	Support Lever
23	84-60-1	1	Screw Insulator
24	44-29-1	4	#8 Lockwasher
25	84-22-2	4	#8 Stainless Washer
26	84-2-3	1	80VA Power Supply
27	84-44-1	1	Power Supply Bracket
28	84-26-1	3	Nylon Snap Standoff
29	84-65-22	1	DC Relay Board
30	84-104-1	1	DC Relay Board Cover

DEMA 845 LAUNDRY MASTER

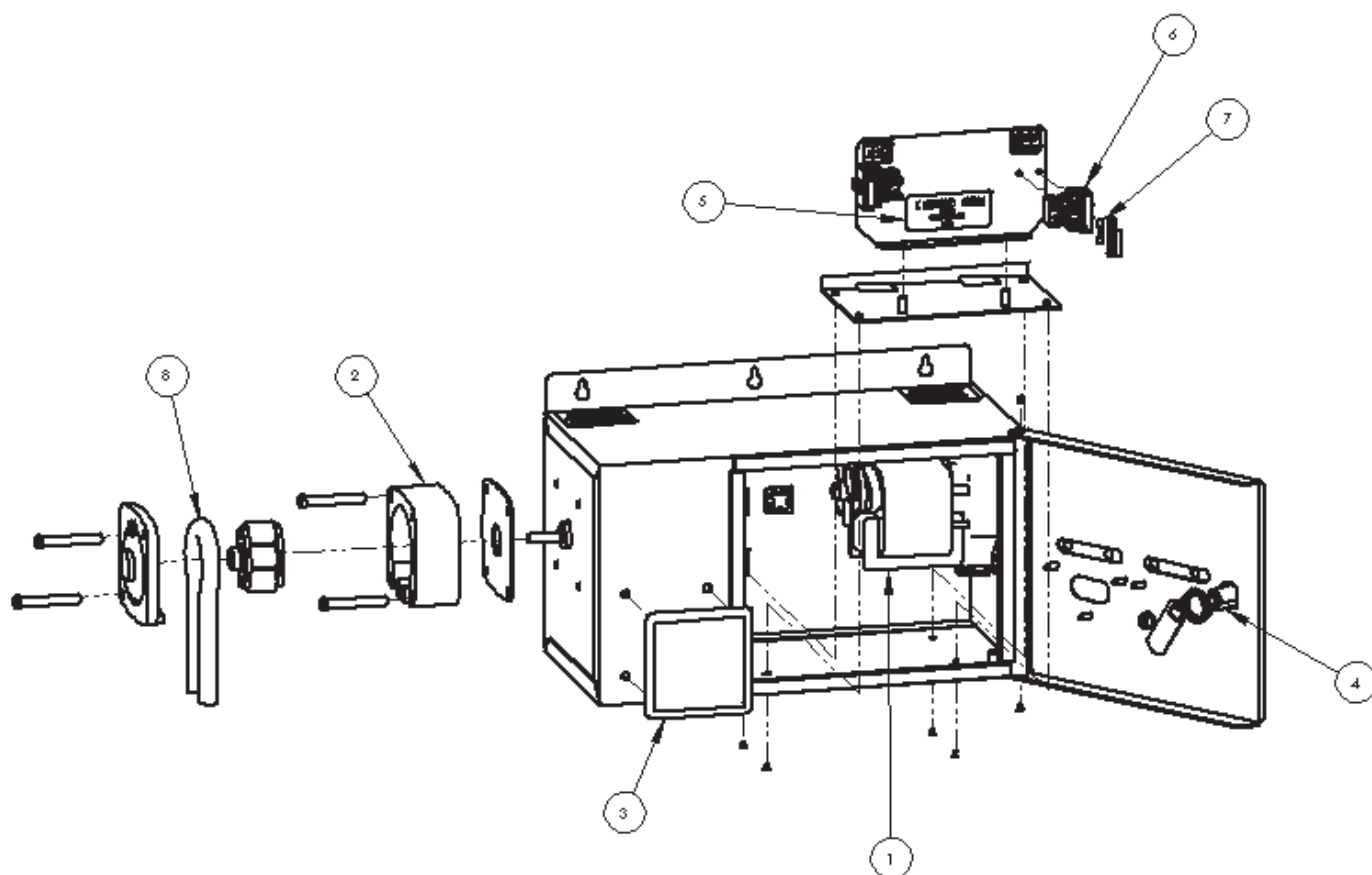


Replacement Parts		
Item No.	DEMA Part Number	Description
1	84-65-2	IQ-80 Control Board Kit
3	84-65-6	STU Assembly Kit
5	80-59-60MK 80-59-105MK	60 RPM Gear/Motor 24VDC 105 RPM Gear/Motor 24VDC
6	84-65-4	Toggle Switch Kit
7	84-65-3	80VA Power Supply Kit
8	84-65-13	Lock and Key Kit
9	81-122-1	Pump Blank Plug
10	84-48-2	Fuse 2A, 250V 5 X 20mm Kit
11	84-65-16	Grommet/wire tie/wire anchor kit
12	84-65-12	Cooling Vent/Filter Kit
13	84-65-20	Support Lever Kit
16	25.C2D	C2 Pump Head Kit
17	25.130.1	C4 Pump Head Kit
18	25.65CE.11	C2 Squeeze Tube 1/2" OD X 1/4" ID EPDM
19	25.65CV.11	C2 Squeeze Tube 1/2" OD X 1/4" ID Viton
20	25.89CE.14	C4 Squeeze Tube 5/8" OD X 3/8" ID EPDM



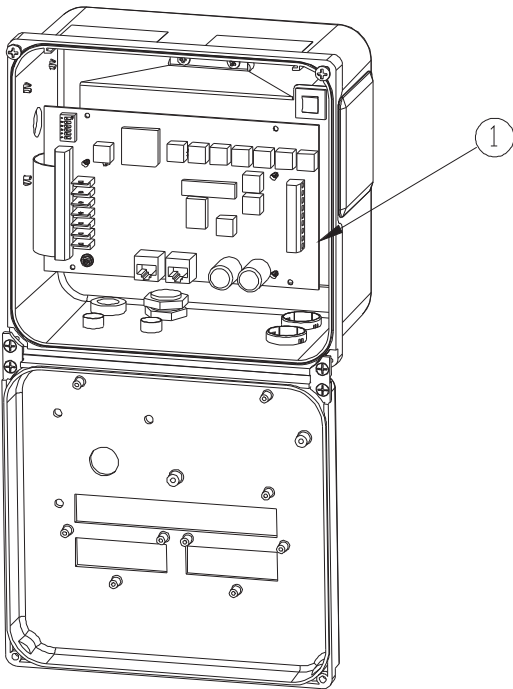
Item No.	Part No.	Description
1	84.65.2	IQ-80 Control Board Kit
2	84.65.3	AC Laundry Board Adapter Kit
3	84.65.4	Toggle Switch Replacement Kit
4	84.65.5	AC Laundry Label Kit
5	84.65.6	STU Replacement Kit
6	84.65.31	USM Handheld Formula Selector Kit (not shown)
7		
8	84.65.15	115VAC 60Hz Cooling Fan Replacement Kit
9	84.65.11	230VAC 60Hz Cooling Fan Replacement Kit
10	84.65.12	Cooling Vent/Filter Kit
11	84.65.13	Lock Kit
12	84.65.14	3 Position Fused Terminal Block Kit
13	84.48.2	12.5A 250VAC 5x20mm Fuse Kit (5 fuses)
14	84.65.16	Grommet/wire tie/wire anchor kit
15	25.C2D	C2 Pump Head Kit
16	25.130.1	C4 Pump Head Kit
17	25.65CE.11	C2 Squeeze Tube 1/2" OD X 1/4" ID EPDM
18	25.65CV.11	C2 Squeeze Tube 1/2" OD X 1/4" ID Viton
19	25.89CE.14	C4 Squeeze Tube 5/8" OD X 3/8" ID EPDM
20	84.65.17	115VAC 60Hz Pump Motor Replacement Kit
21	84.65.18	230VAC 60Hz Pump Motor Replacement Kit
22	84.65.19	Chemical/Electrical Caution Label Kit

846-2NE Laundry System
DEMA Engineering Company, St. Louis, MO USA



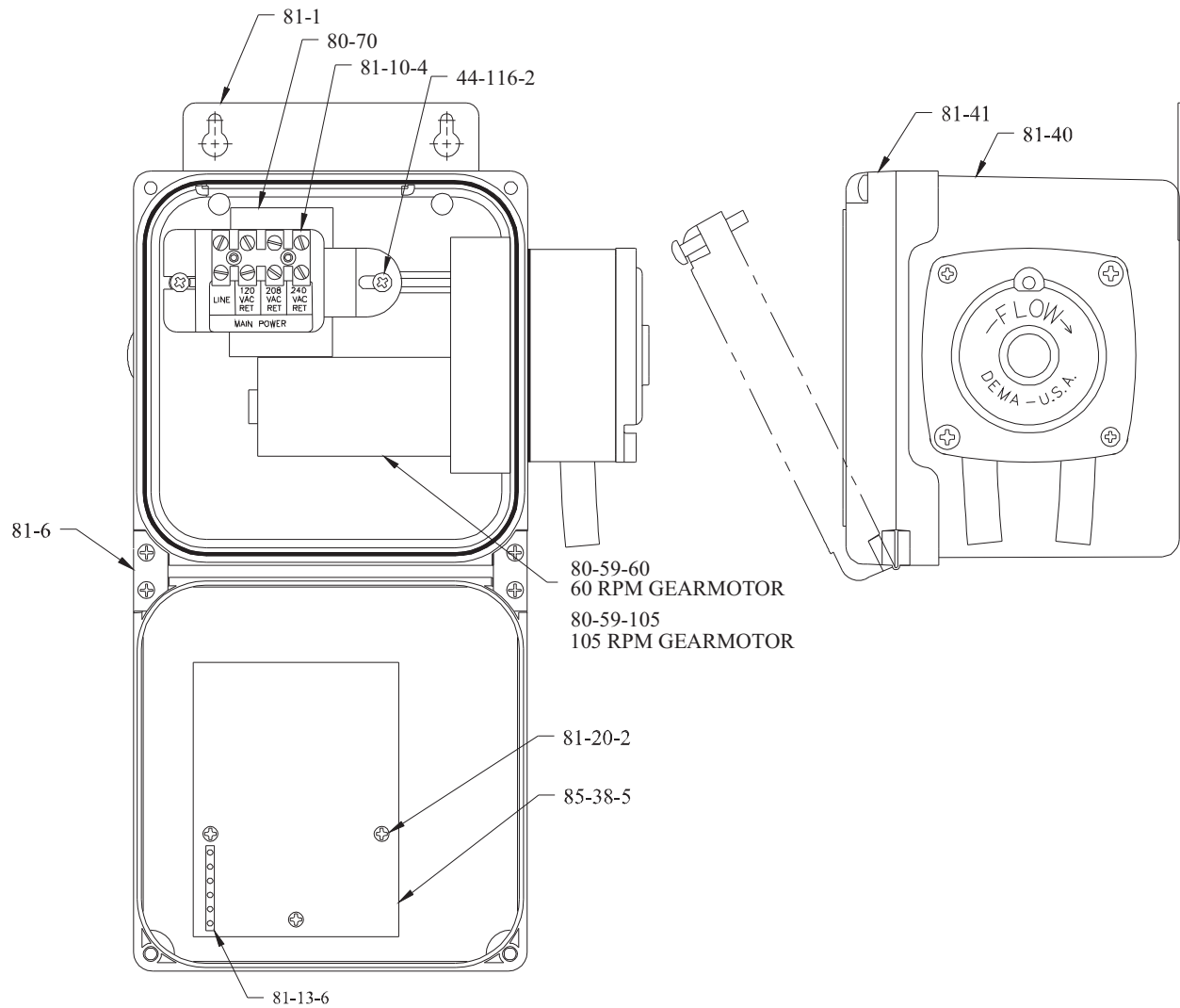
Replacement Parts		
Item Number	DEMA P/N	Description
1	84.65.17	115VAC Gear/Motor Replacement
	84.65.18	230VAC Gear/Motor Replacement
2	25.C2D	C2 Pump Kit (comes with all necessary components except squeeze tubes and gear/motor)
3	81.122.1	Pump Blank Plug
4	84.65.13	Lock Kit
5	84.65.5	Voltage Rating and Caution Label Kit
6	84.65.14	Terminal Block Kit (does not come with fuse)
7	84.48.3	5A 250V 5mm x 20mm Fuse Kit
8	25.65CE.11	Squeeze tube (EPDM)

DEMA 846-4NP-115 LAUNDRY DISPENSER CONTROLLER



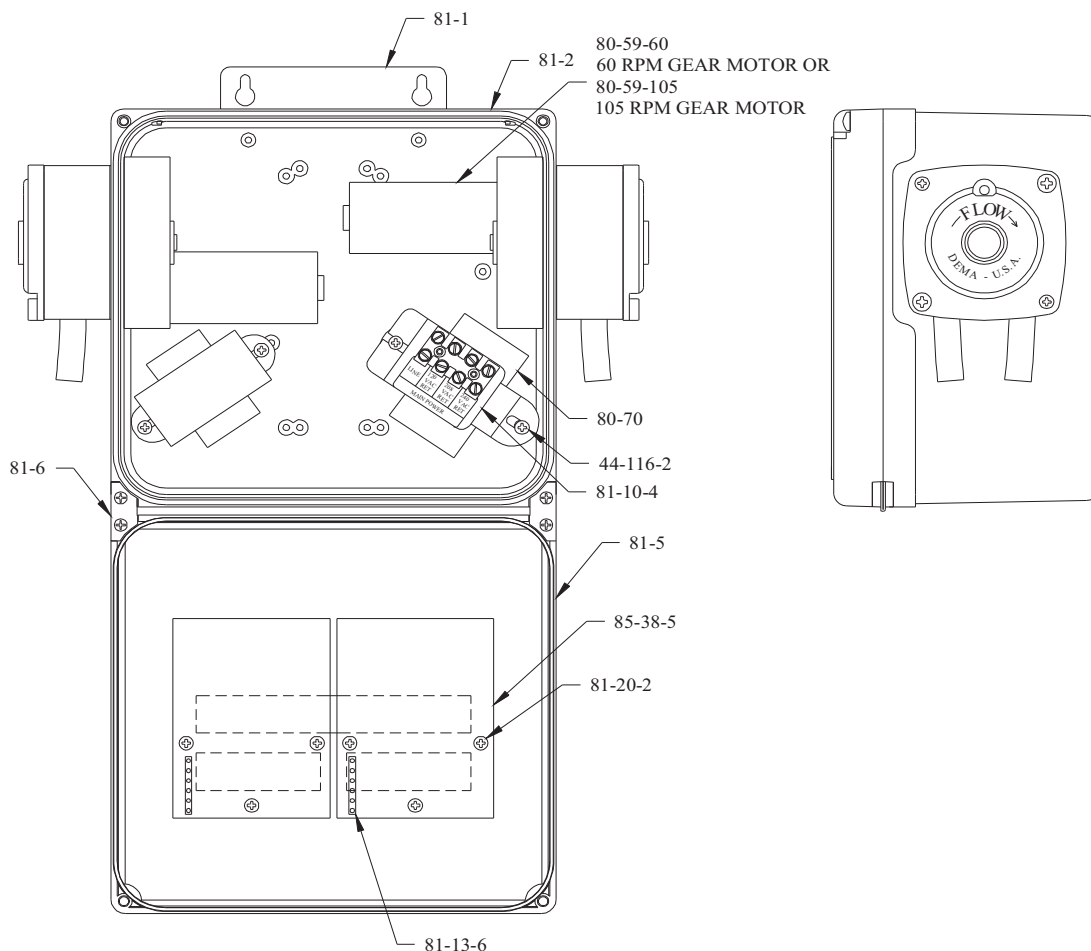
Item No.	Part No.	Description
1	84-65-2	IQ-80 Control Board Kit
2	84-65-3	AC Laundry Board Adapter Kit
3	84-65-6	STU Replacement Kit
4	84-65-8	DSM Replacement Kit
5	84-27-3	25' Blue RJ45 Cable (shielded)
6	84-27-4	6' Blue RJ45 Cable (shielded)
7	81-1	Mounting Kit

DEMA 830 Laundry Master™



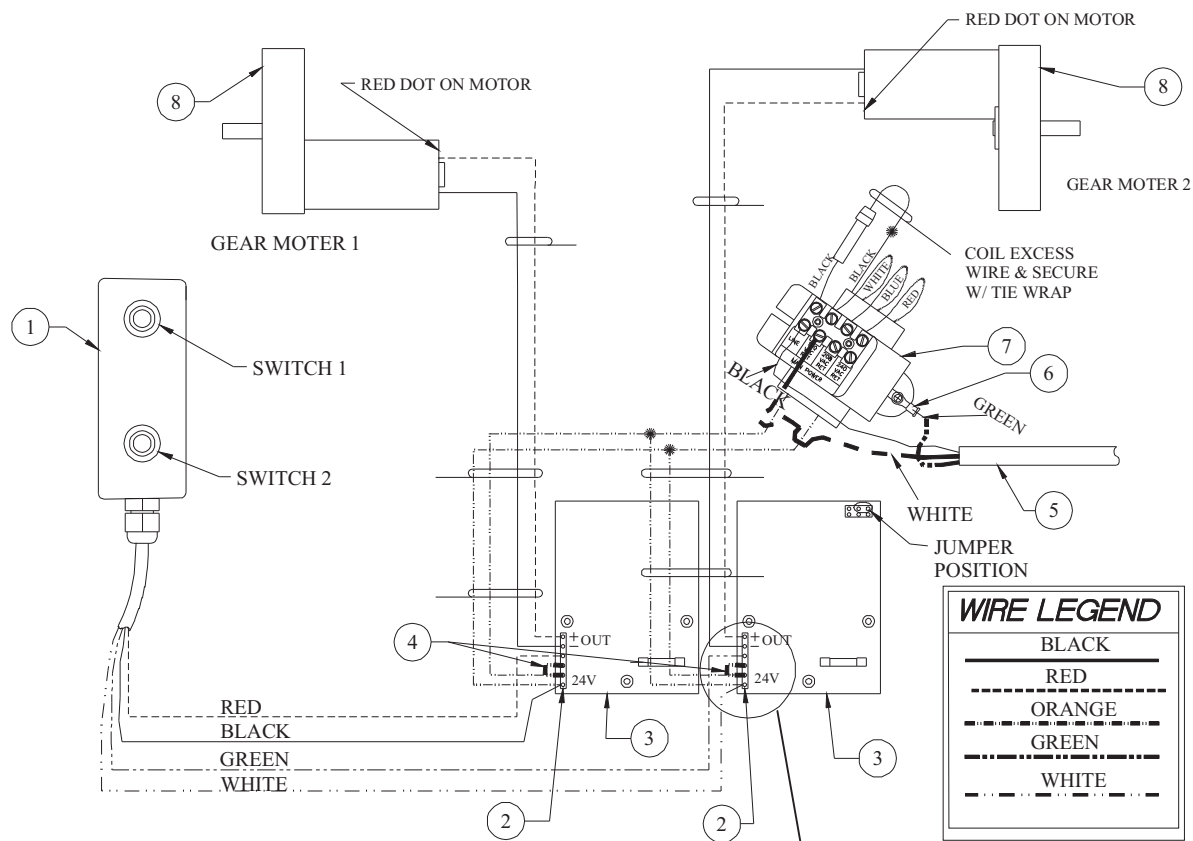
DEMA Part Number	Description
81-40	Laundry Master box with gasket and threaded inserts
81-41	Laundry Master box lid with captive screws
80-70	Transformer (40VA)
81-10-4	Terminal Block and Bracket Assy
44-116-2	#8 X 3/8" Hi-Lo Screw (used for mounting transformer)
85-38-5	Single Product Laundry Control Board (circuit board)
81-20-2	#4 Hi-Lo Screw (used for mounting circuit board)
81-13-6	Modular 6 Pole Terminal Block (used on circuit board)
80-59-60	60 RPM Gear/Motor
80-59-105	105 RPM Gear/Motor
81-35	Fuse Holder
81-34-16	Fuse 1A 250V
81-36-2	Wire Nut
81-32-1	Black Cable Assembly (motor hook up)
81-32-2	Red Cable Assembly (motor hook up)
81-6	Hinge and Screw Kit
81-1	Mounting Bracket Kit

Dema 831 Laundry Master™



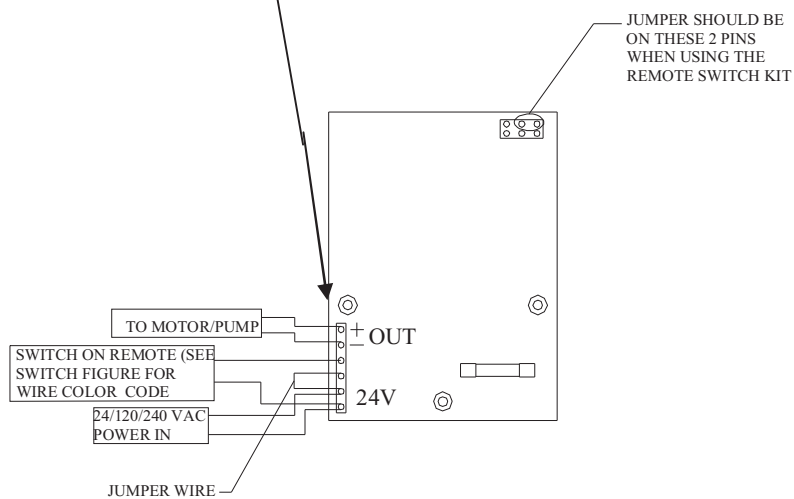
Part Number	Description
81-1	Mounting Bracket Kit
81-6	Hinge and Screw Kit
25-68-20	20 ft 1/4" O.D. LDPE Tubing (used on C2 Pump)
25-68-40	40 ft 1/4" O.D. LDPE Tubing (used on C2 Pump)
25-68-60	60 ft 1/4" O.D. LDPE Tubing (used on C2 Pump)
25-68-80	80 ft 1/4" O.D. LDPE Tubing (used on C2 Pump)
25-68-100	100 ft 1/4" O.D. LDPE Tubing (used on C2 Pump)
25-68-120	120 ft 1/4" O.D. LDPE Tubing (used on C2 Pump)
25-115	20 ft 3/8" O.D. LDPE Tubing (used on C4 Pump)
25-115-40	40 ft 3/8" O.D. LDPE Tubing (used on C4 Pump)
25-115-60	60 ft 3/8" O.D. LDPE Tubing (used on C4 Pump)
25-115-80	80 ft 3/8" O.D. LDPE Tubing (used on C4 Pump)
25-115-100	100 ft 3/8" O.D. LDPE Tubing (used on C4 Pump)
25-115-120	120 ft 3/8" O.D. LDPE Tubing (used on C4 Pump)
80-66	10" PVC Pick Up Tube (used with 1/4" LDPE tubing)
80-66-2	18" PVC Pick Up Tube (used with 1/4" LDPE tubing)
81-2	Laundry Master box with gasket and threaded inserts
81-5	Laundry Master box lid with captive screws
80-70	Transformer (40VA)
81-10-4	Terminal Block and Bracket Assy
44-116-2	#8 X 3/8" Hi-Lo Screw (used for mounting transformer)
85-38-5	Single Product Laundry Control Board (circuit board)
81-20-2	#4 Hi-Lo Screw (used for mounting circuit board)
81-13-6	Modular 6 Pole Terminal Block (used on circuit board)
80-59-60MK	60 RPM Gear/Motor
80-59-105MK	105 RPM Gear/Motor

WIRING SCHEMATIC FOR 831K.1.1AC

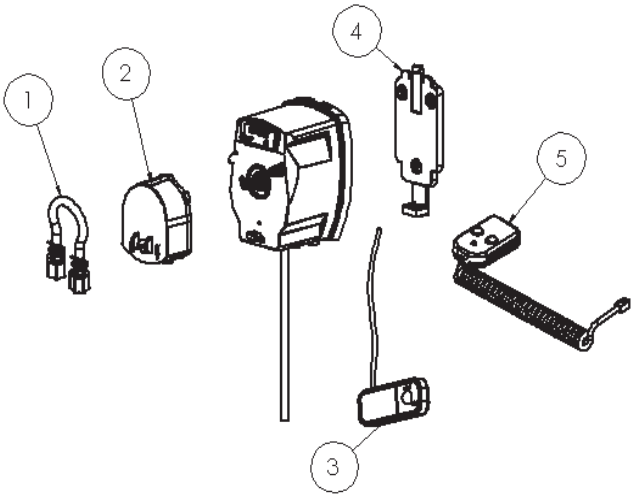
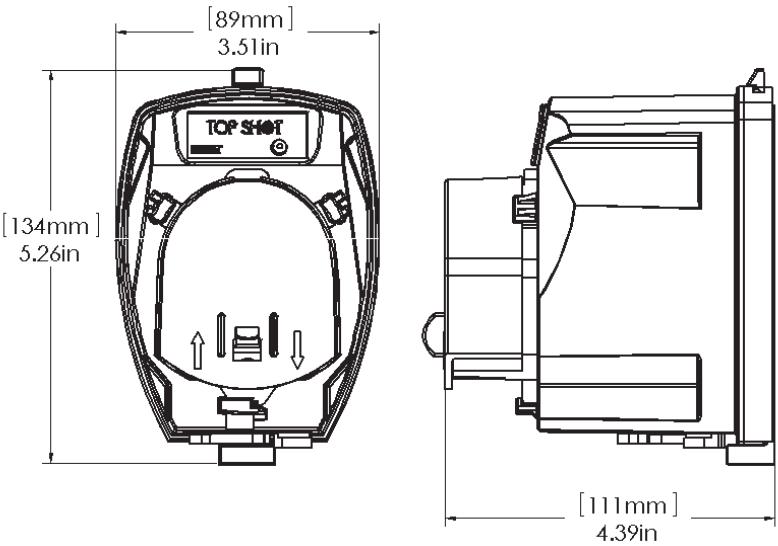


WIRING SCHEMATIC C

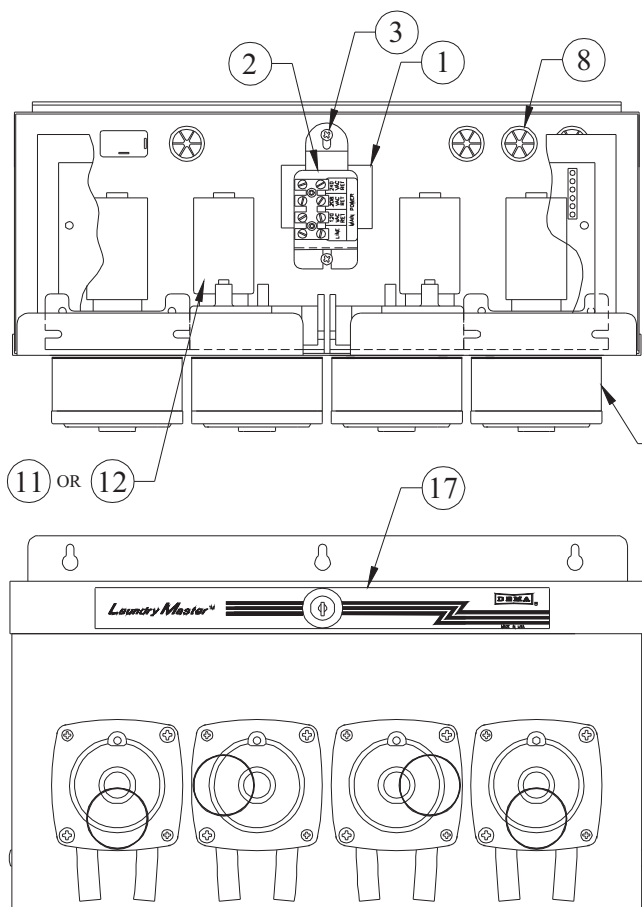
No	QTY.	PART No.	DESCRIPTION
1	1	83-49-1	2 Button Remote
2	2	81-13-6	Modular Connector-6 Pole
3	2	85-38-7	SPL Control Board
4	2	81-94-3	4" Jumper Wire
5	1	25-128-1	Power Supply Cord
6	1	81-50-2	Ring Connector #8
7	1	80-70	Transformer
8	2	80-59-60CE	Gear Motor



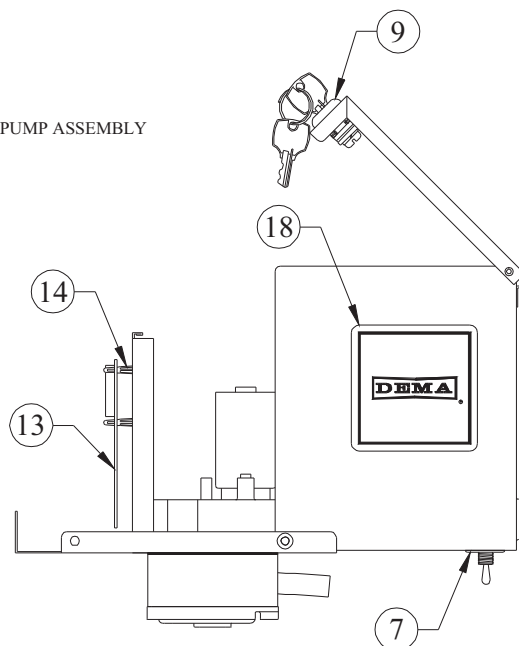
DEMA Top Shot Single Laundry Dispenser



NO.	PART NO.	DESCRIPTION
1	25.21.4	SQUEEZE TUBE SINGLE REPLACEMENT KIT
	25.21.5	SQUEEZE TUBE BULK (5) REPLACEMENT KIT
2	81-316-8	DETERGENT PUMP REPLACEMENT KIT
3	84-65-40	1 BUTTON REMOTE W/ 15' CABLE
4	81-223-1	MOUNTING BRACKET
5	81-245-1	2 BUTTON PROGRAMMER – Sold Separately



TOP VIEW SHOWN WITHOUT COVER



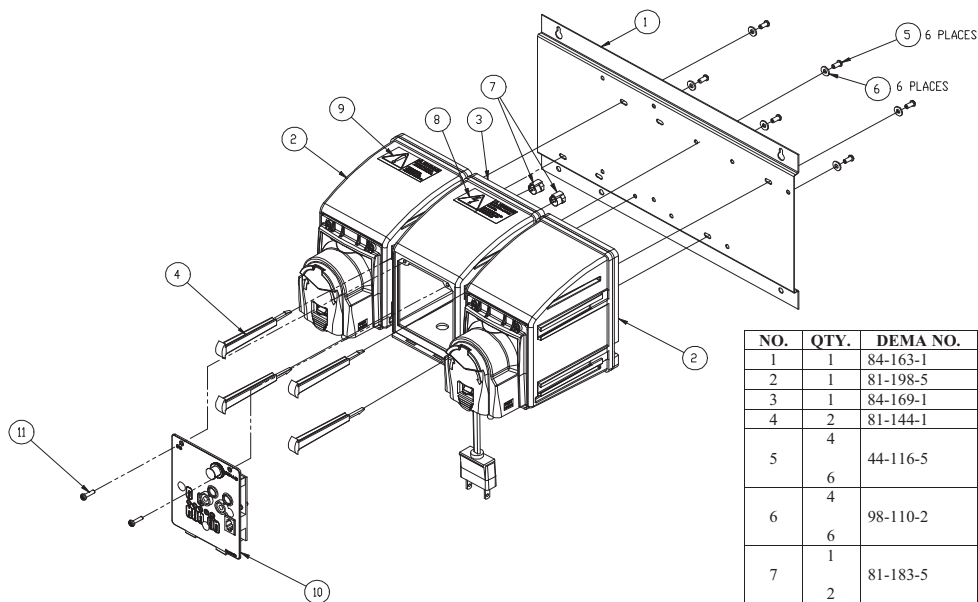
Item No	DEMA No.	Qty. Required	Description
1	80-70	1	Transformer 40VA
2	81-10-3	1	Terminal Block and Bracket Assembly
3	83-23-1	1	# 8 Sheet Metal Screw (mounting transformer)
*4	81-35	1	Fuse Holder
*5	81-34-16	1	Fuse 1A 250V
*6	83-11	1	Toggle Switch
7	83-14-1	1	On-Off Switch Plate
8	25-124-4	4	Universal Bushing
9	66-21	1	Key and Lock Assembly
*10	81-14-15	2	Female Quick Connect
11	80-59-60	Depends on Model	60 RPM Gear/Motor
12	80-59-105	Depends on Model	105 RPM Gear/Motor
13	85-38-3	Depends on Model	Single Product Laundry Control Board (Circuit board)
14	83-38-1	3/circuit board	Snap-in Standoffs
*15	81-36-4	2	Yellow Wire Nuts
*16	81-16-2	3	Wire Tie Wraps
17	L708-1	1	Laundry Master Label
18	L732-1	Depends on Model	Pump Blank Label
**19	L604	1	Caution Label – Electrical
**20	L605	1	Caution Label - Chemical

*These parts are illustrated in the wiring diagram on page 7.

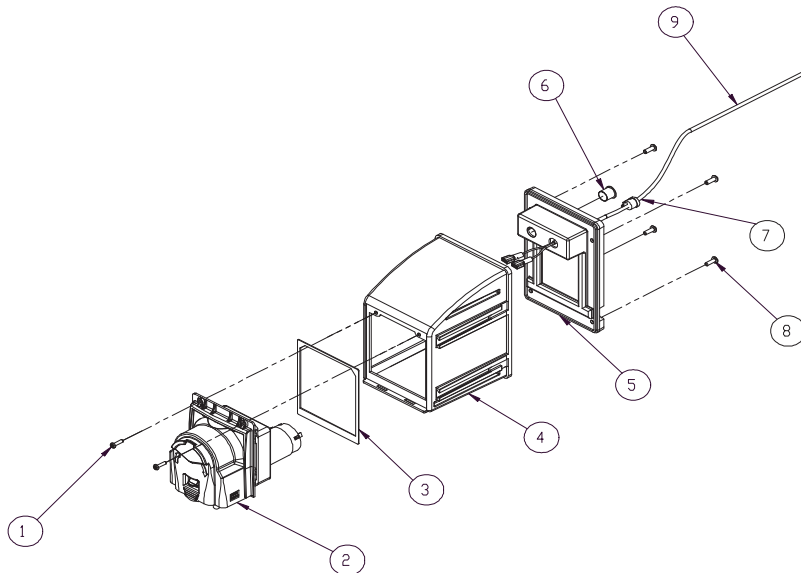
**These parts are not illustrated in diagram.

DEMA[®] SINGLE PRODUCT LAUNDRY MASTER[™] W/BLEACH OPTION

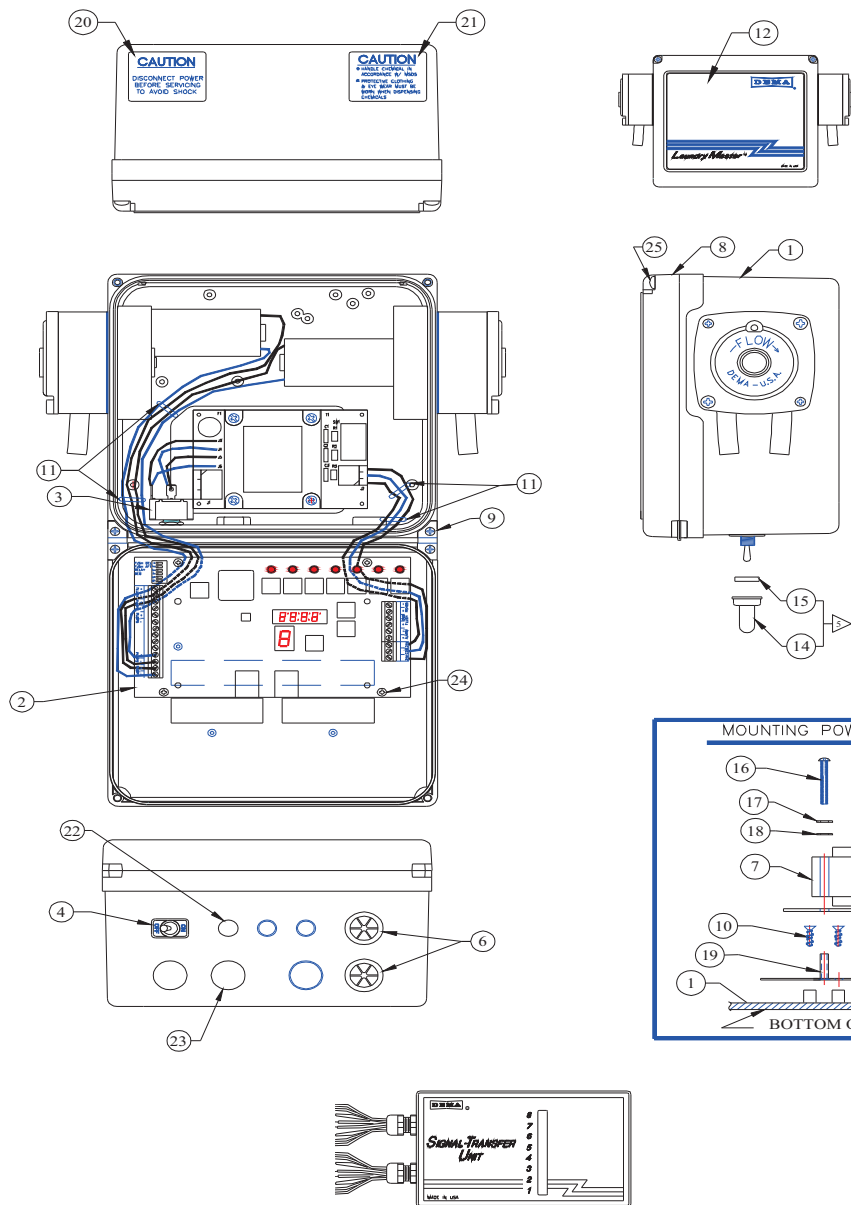
LIQUID MODEL 840(B)(S)



NO.	QTY.	DEMA NO.	DESCRIPTION
1	1	84-163-1	Back Plate SPL
2	1	81-198-5	Side Pump Module Assembly
3	1	84-169-1	SPL Control Box Assembly – Less Electronics
4	2	81-144-1	Side Module Joint (2 joints per module)
5	4	44-116-5	840, 840S
6	4	98-110-2	840, 840S
7	1	81-183-5	840, 840S
8	1	L897	Label – Electrical Caution
9	1	L898	Label – Chemical Caution
10	1	84-172-1	840, 840B
11	2	41-40-2	#6-32 Screw



NO.	QTY.	DEMA NO.	DESCRIPTION
1	2	41-40-2	#6-32 Screw
2	1	81-173-9	Pump - 2 Spring ¼"ID - 105rpm
3	1	81-159-1	Pump Gasket
4	1	81-197-1	Side Module Enclosure
5	1	81-143-1	Side Module Back
6	1	81-47-1	½" Hole Plug
7	1	81-183-5	Cable Strain Relief
8	4	44-116-2	#8 x 3/8 High Low Screw
9	1	81-196-1	Cable Assembly

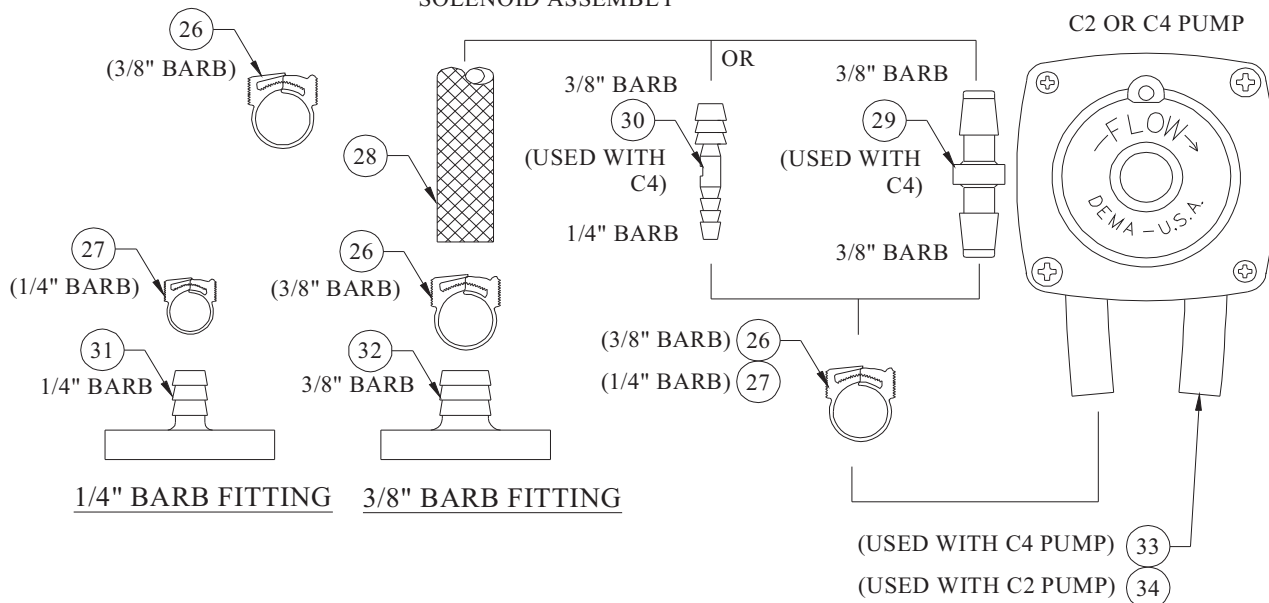
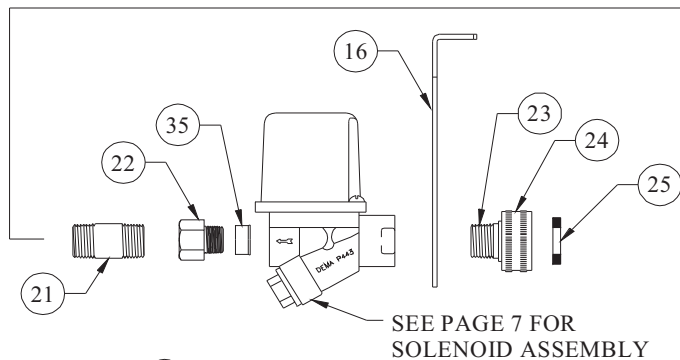
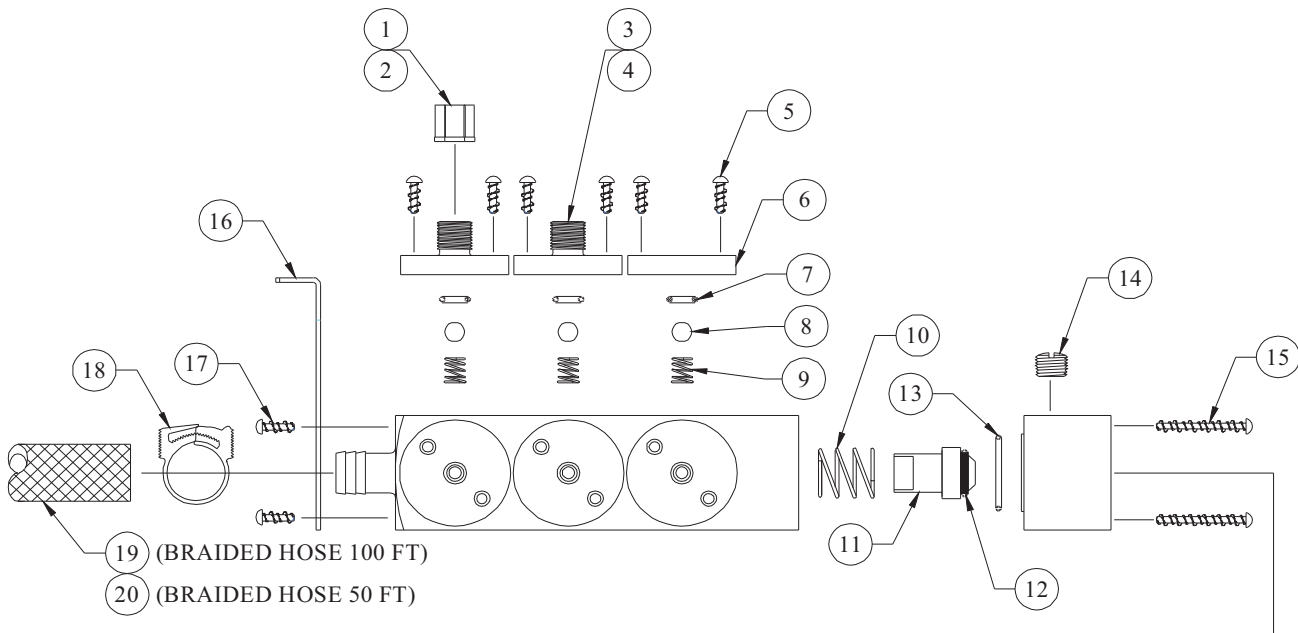


(27)
SIGNAL TRANSFER UNIT
(STU)

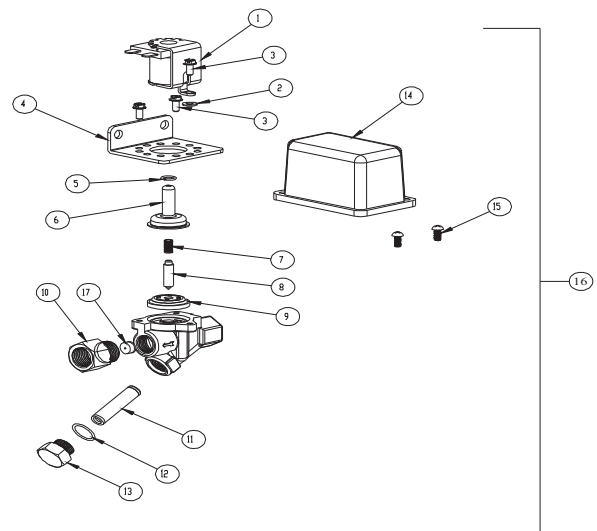
Replacement Parts			
Item No.	DEMA Part Number	QTY. Required	Description
1	81.1	1	Electrical Enclosure
2	84.3.1	1	IQ-80 Control Board
3	83.11.2	1	Power Switch (Toggle Switch)
4	83.14.1	1	On/Off Switch Plate
5	80.59.60	1	60 RPM Gear/Motor 24VDC
	80.59.105	1	105 RPM Gear/Motor 24VDC
6	25.124.5	2	Universal Bushing
7	84.2.2	1	80VA Power Supply
8	81.5	1	Electrical Enclosure Lid
9	81.6	1	Hinge and Screw Kit
10	81.19.1	4	#8 x 1/2 Hi-Lo Screw (For Mounting Transformer)
11	81.16.2	4	Tie Wraps
12	L711.1	1	Pump Blank Label
13	84.48.1	1	Fuse 2A, 250V, 5mm x 20mm Kit (5 Fuses/Kit)
14	84.13.1	1	Toggle Switch Boot
15	84.14.1	1	Toggle Switch Boot Mounting Nut
16	41.63.12	4	#8-32 X 2 1/4" S.S. Screw
17	44.29.1	4	#8 Lockwasher S.S.
18	84.22.2	4	#8 Flat Washer S.S.
19	84.44.1	1	Power Supply Bracket
20	L604	1	Caution Label - Electrical
21	L605	1	Caution Label - Chemical
22	81.47.1	1	1/2" Hole Plug
23	81.47.4	1	7/8" Hole Plug
24	81.20.2	4	# 4 HI-LO Screw (mounting circuit boards)
25	81.29.2	2	Captive Screw
26	84.8.4F	1 (Optional)	FSM Assembly (4 Formula)
27	84.9.1	1	STU Assembly
28	84.8.9F	1 (Optional)	DSM Assembly (9 Formula)

DEMA 950 & 950E FLUSH MANIFOLD

INSTALLATION INSTRUCTIONS

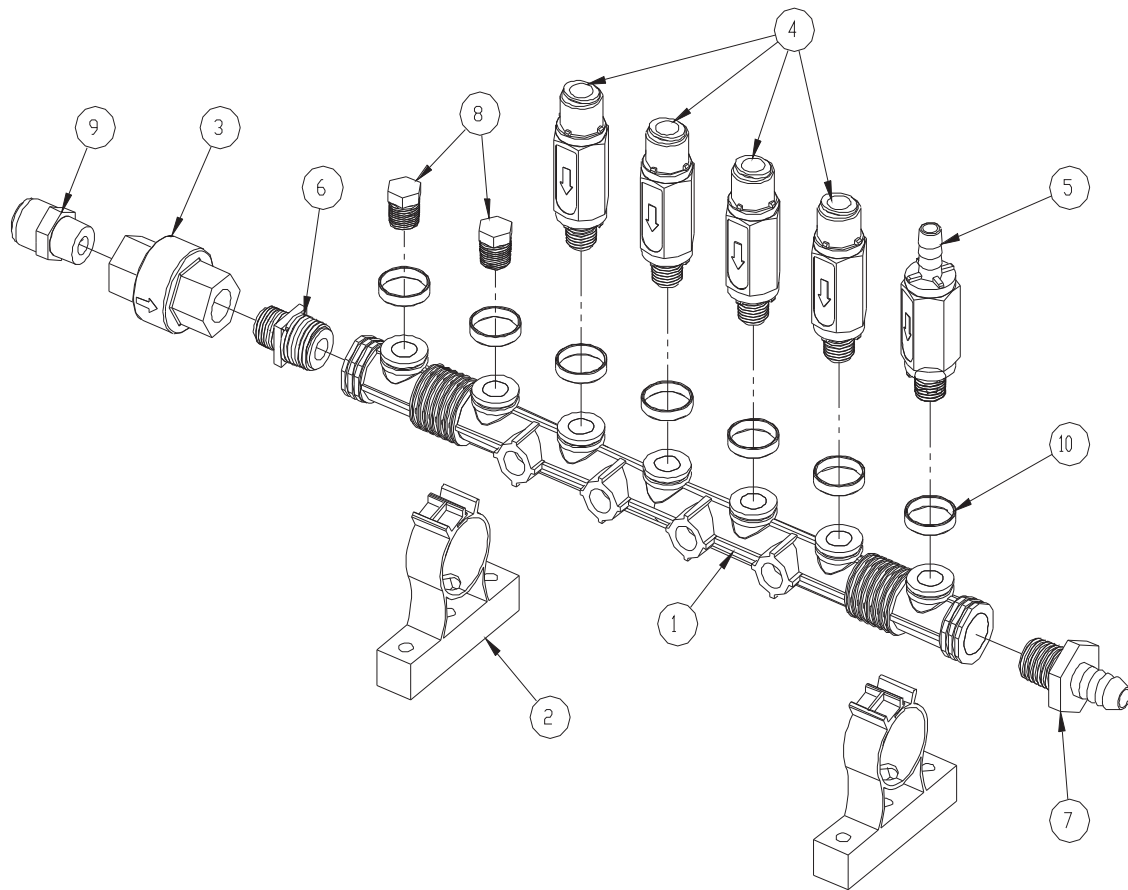


GENERAL REPLACEMENT PARTS		
NO.	PART NO.	DESCRIPTION
1	80-67-13	Compression Nut (For 1/4" O.D. Tubing)
2	80-67-15	Compression Nut (For 3/8" O.D. Tubing)
3	94-2-1	1/4" Compression Fitting
4	94-2-2	3/8" Compression Fitting
5	63-46	Screw
6	94-3-1	Manifold Cap
7	30-5V-202	O-Ring (For Check Valve)-Viton
8	24-24P	Ball (Teflon)
9	24-23-2	Spring (Hastelloy)
10	99-4-2	Spring (Hastelloy)
11	99-3-1	Plunger
12	23-110V	O-Ring (For Plunger)-Viton
13	23-20V	O-Ring (For Manifold End)-Viton
14	65-6-1	Plug
15	41-62-7	#8-18 X 1 1/2" Long Screw
16	99-6-1	Mounting Bracket
17	41-62-2	#8-18 X 3/8" Long Screw
18	16-9	Hose Clamp (For 1/2" I.D. Tubing)
19	96-1	1/2" I.D. Braided Tubing (100')
20	96-2	1/2" I.D. Braided Tubing (50')
21	99-5-1	Pipe Nipple (3/8" NPT X 1 1/2" Long)
22	61-45-1	Flow Restrictor Assembly
23	99-7-1	Garden Hose Fitting
24	65-10	Coupling
25	150-6	Rubber Washer
26	16-9-2	Hose Clamp (For 3/8" I.D. Tubing)
27	16-9-7	Hose Clamp (For 1/4" I.D. Tubing)
28	66-98-6	3/8" I.D. Braided Tubing (For 3/8" Barb Fitting Only)
29	98-1-1	3/8" X 3/8" Barbed Connector (for C4 Pump)
30	98-16-1	3/8" X 1/4" Barbed Connector (for C2 Pump)
31	94-1-1	1/4" Barb Fitting
32	94-1-2	3/8" Barb Fitting
33	25-89CE-14	C4 Squeeze Tube, EPDM-14" (For C4 Pump Only)
34	25-65CE-11	Detergent Squeeze Tube, EPDM-11" (For C2 Pump Only)
	25-13-1X	Optional: Pressure Switch (4 PSI)
35	77-1-2-38	Flow Disk (2.38 GPM)



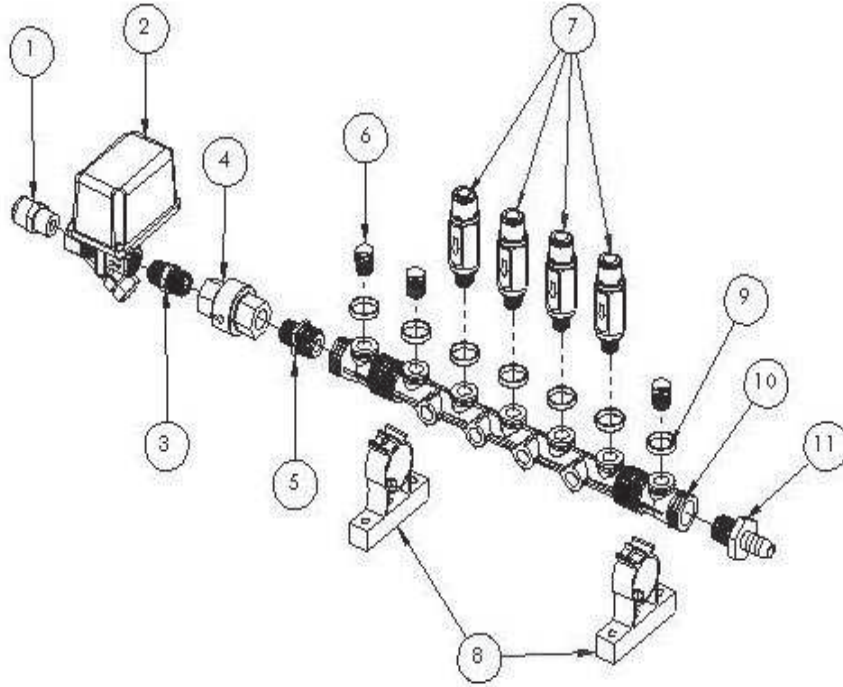
NO.	QTY.	PART NO.	DESCRIPTION
1	1	41-9-5-4-404	Coil Assembly (950)
		41-9-5B-4	Coil Assembly (950E)
2	1	41-41	Nylon Washer
3	3	41-16-7	#8-32 Hex Washer Head Screws
4	1	41-72-2	Mounting Bracket (950)
		41-37	Mounting Bracket (950E)
5	1	41-34	Spacer Ring
6	1	41-7-25	Enclosing Tube
7	1	41-1-8	Closing Spring
8	1	41-10-11	Plunger
9	1	41-15-10	Diaphragm 1-1/16 (EPDM)
10	1	61-45-1	Flow Restrictor Adapter
11	1	41-36-1	Strainer Screen (SS, 60 Mesh)
12	1	23-27	O-Ring (Buna-N)
13	1	41-35	Screen Cap - Brass
14	1	41-73	Valve Cover (950)
15	1	41-63-2	#8-32 x 3/8 RD HD Phil. Screw - SS (950)
16	1	95-18	Complete Solenoid Valve Assembly (950)
		95-18-2	Complete Solenoid Valve Assembly (950E)
17	1	77-1-2-38	Flow Disk (2.38 GPM)

DEMA 951 FLUSH MANIFOLD



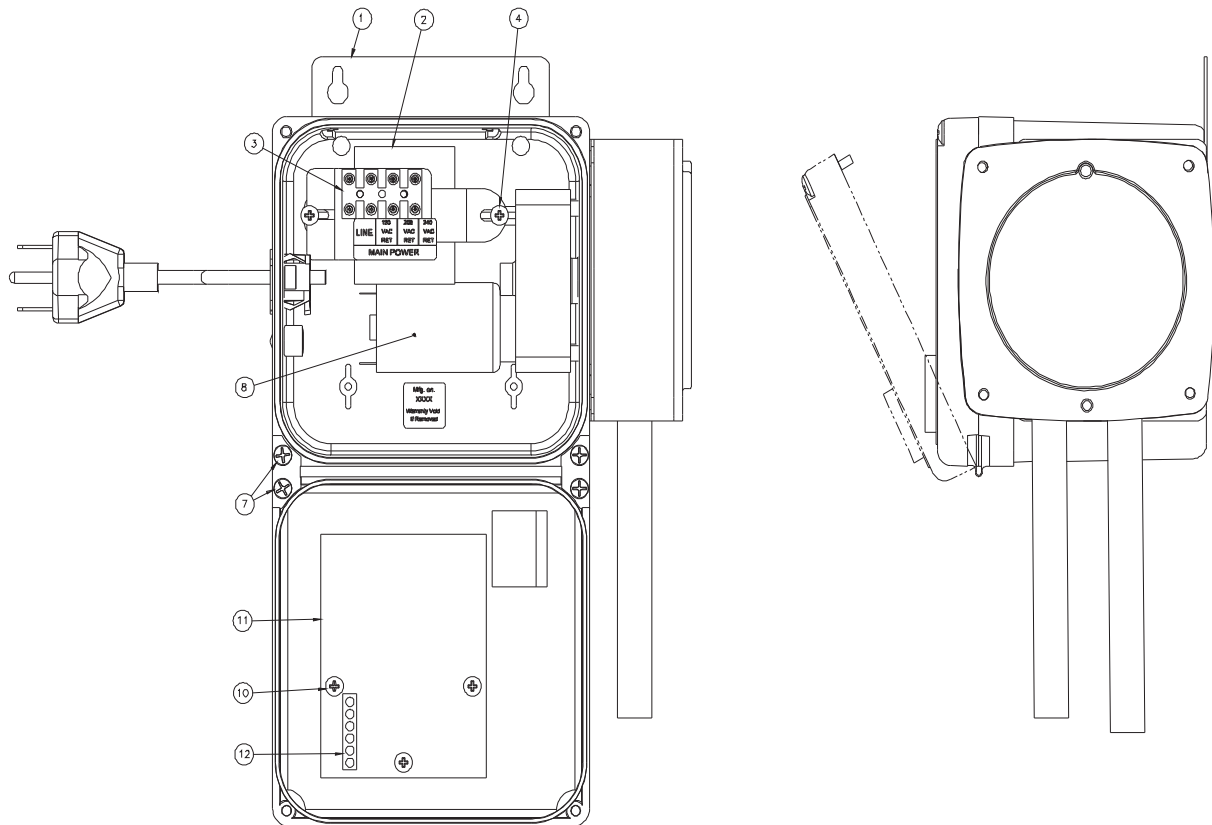
NO.	PART NO.	DESCRIPTION	PUSH CONN. CHEM. INLETS	BARB CHEM. INLETS
1	95-19	Manifold-Injection Molded	X	X
2	95-22	3/4" Clamps	X	X
3	95-23	Check Valve	X	X
4	95-25-3	3/8" Push X 1/4" NPT Check Valve	X	
5	95-25-1	3/8" Barb X 1/4" NPT Check Valve		X
6	95-28	3/8" X 1/2" NPT Reducing Nipple	X	X
7	66-119-20	1/2" NPT X 1/2" Barb	X	X
8	95-27	1/4" NPT Plug	*X	*X
9	58-103-5	1/4" Push Conn. X 3/8" MNPT	X	X
10	29-17-7	Reinforcement Ring	X	X

DEMA 951 FLUSH MANIFOLD WITH 24V DC VALVE

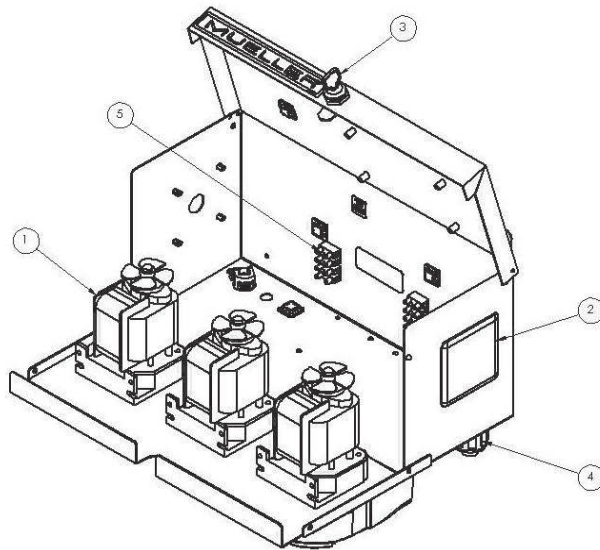


NO.	PART NO.	DESCRIPTION
1	58-103-5	¼" Push Conn. X 3/8" MNPT
2	95-18-3	442P Valve 24V DC
3	95-24	Polypropylene Hex Nipple
4	95-23	Check Valve
5	95-28	3/8" x ½" NPT Reducing Nipple
6	95-27	¼" NPT Plug
7	95-25-1	3/8" Barb x ¼" NPT check valve
	95-25-3	3/8" Push x ¼" NPT check valve
8	95-22	¾" Clamps
9	29-17-7	Reinforcement Ring
10	95-19	Manifold - Injection Molded
11	66-119-20	½" NPT x ½" Barb
	58-103-6	½" NPT x 3/8" JOHN GUEST Fitting

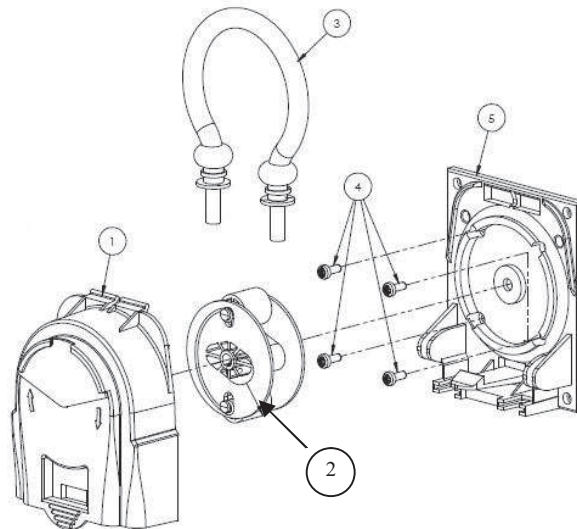
DEMA DC830 TMP-I (Timed Metering Pump)



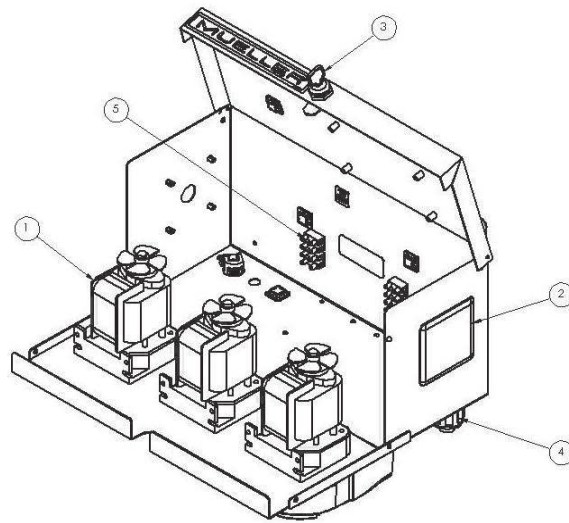
No.	DEMA Part Number	Description
1	81-1	Mounting Bracket Kit
2	80-70	Transformer (40VA)
3	81-10-4	Terminal Block and Bracket Assy
4	44-116-2	#8 X 3/8" Hi-Lo Screw (for mounting transformer)
5	81-41	TMP-I box lid with captive screws
6	81-40	TMP-I box with gasket and threaded inserts
7	81-6	Hinge and Screw Kit
8	80-59-60	60 RPM Gear/Motor
10	81-20-2	#4 Hi-Lo Screw (used for mounting circuit board)
11	85-38-7	Single Product Laundry Control Board (circuit board)
12	81-13-6	Modular 6 Pole Terminal Block (used on circuit board)
13	81-35	Fuse Holder



NO.	DEMA NO.	DESCRIPTION
1	81.289.230MK	230V 50/60HZ GEAR MOTOR
2	81.122.1	PUMP BLANK PLUG
3	81.69	LOCK AND KEY SET
4	81.148.3	1/2" CONDUIT FITTING
5	81.15.4	BARRIER STRIPS

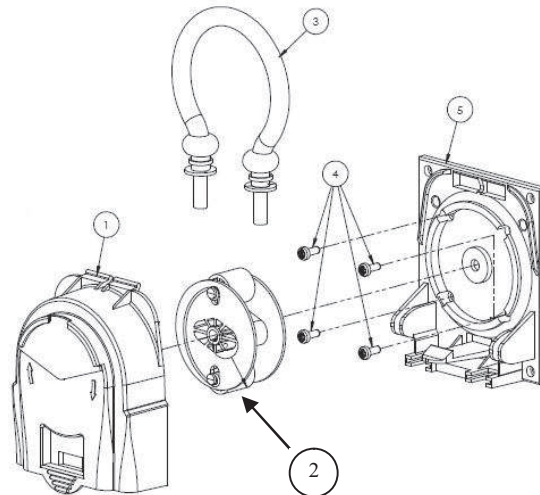


NO.	DEMA NO.	DESCRIPTION
1	84.209.1	PUMP COVER ASSEMBLY
2	84.207.1	ROLLER BLOCK ASSEMBLY
3	84.208.1	SQUEEZE TUBE ASSEMBLY, EPDM
	84.208.3	SQUEEZE TUBE ASSEMBLY, SILICONE
	84.208.5	SQUEEZE TUBE ASSEMBLY, VITON
4	25.85.2	10-32 X 1/2 SS PHIL SCREW
5	84.188.1	LARGE PUMP BASE



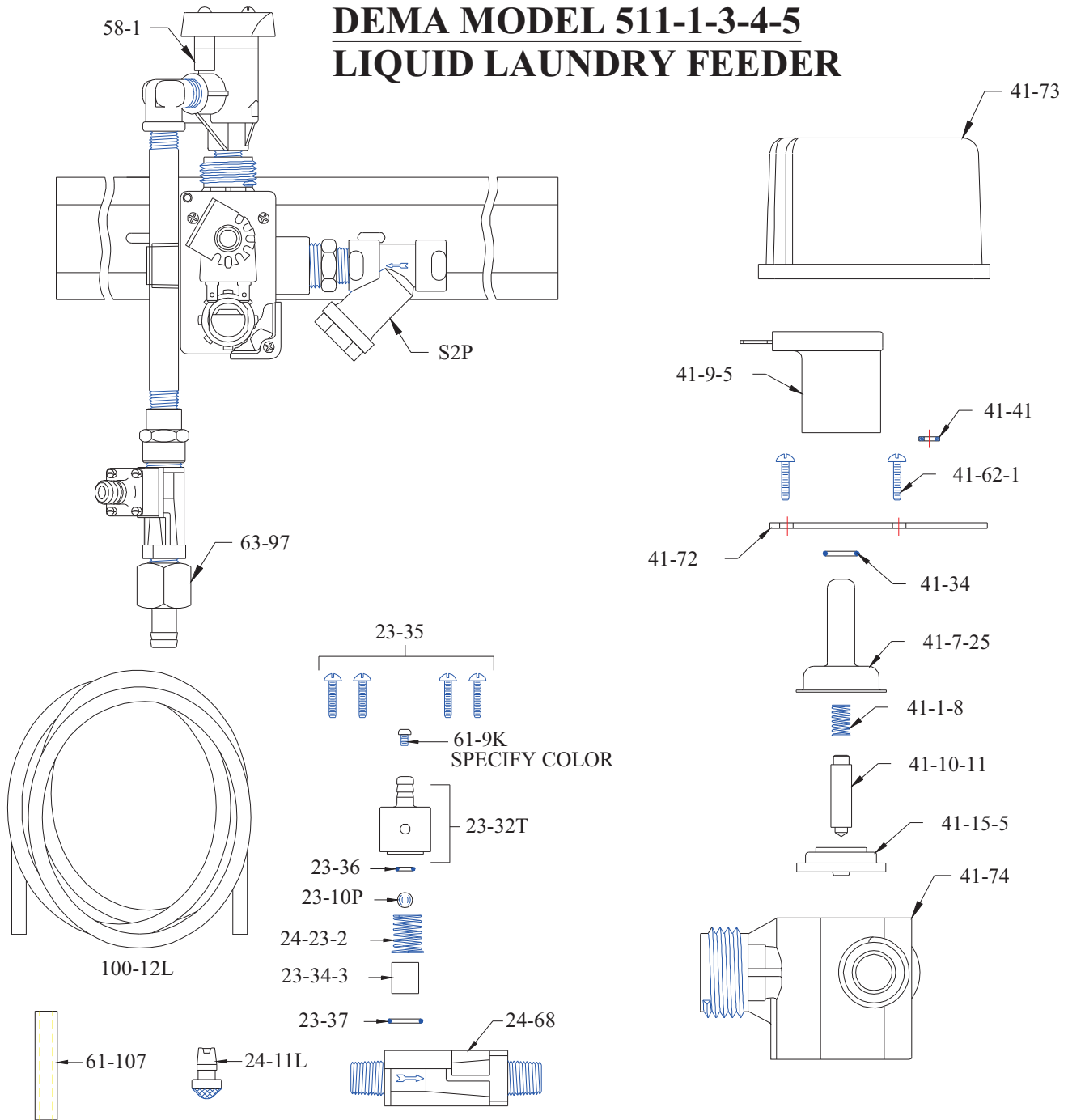
SHOWN
WITH AC
MOTORS

NO.	DEMA NO.	DESCRIPTION
1	81.289.230MK 80.59.105MK	230V AC 50/60HZ 60 RPM MOTOR 24V DC 105 RPM GEAR MOTOR
2	81.122.1	PUMP BLANK PLUG
3	81.69	LOCK AND KEY SET
4	81.148.3	1/2" CONDUIT FITTING
5	81.15.4	BARRIER STRIPS



NO.	DEMA NO.	DESCRIPTION
1	84.209.1 81.174.1	PUMP COVER ASSEMBLY (P) PUMP COVER ASSEMBLY (J)
2	84.207.1 81.172.1	ROLLER BLOCK ASSEMBLY (P) ROLLER BLOCK ASSEMBLY (J)
3	84.208.1 81.177.1	SQUEEZE TUBE ASSEMBLY, EPDM (P) SQUEEZE TUBE ASSEMBLY, EPDM (J)
	84.208.3 81.177.4	SQUEEZE TUBE ASSEMBLY, SILICONE (P) SQUEEZE TUBE ASSEMBLY, SILICONE (J)
	84.208.5 81.177.5	SQUEEZE TUBE ASSEMBLY, VITON (P) SQUEEZE TUBE ASSEMBLY, VITON (J)
4	25.85.2	10-32 X 1/2 SS PHIL SCREW
5	84.188.1 81.128.2	LARGE PUMP BASE (P) SMALL PUMP BASE (J)

DEMA MODEL 511-1-3-4-5 LIQUID LAUNDRY FEEDER



PART NO.	DESCRIPTION
23-10P	CHECK VALVE BALL
23-32T	METERING KNOB
23-34-3	CHECK VALVE CORE
23-35	SCREWS
23-36	O-RING
23-37	O-RING
24-11L	FOOT STRAINER
24-23-2	CHECK VALVE SPRING
24-68	VALVE BODY
41-72	MOUNTING BRACKET
41-73	SOLENOID COVER
41-74	VALVE BODY
41-1-8	KICK-OFF SPRING

PART NO.	DESCRIPTION
41-7-25	ENCLOSING TUBE (STAINLESS)
41-9-5	SOLENOID COIL (SPECIFY VOLTAGE)
41-10-11	PLUNGER
41-15-5	DIAPHRAGM
41-34	SPACER RING
41-41	NYLON WASHER
41-62-1	SCREW #8-18 X 1/2 LG. (4 REQD.)
58-1	SIPHON BREAKER
61-9K	METERING TIP (13 SIZES)
61-107	CERAMIC WEIGHT
63-97	HOSE BARB
100-12L	3/8 I.D. TUBING
S2P	STRAINER



HOUSEKEEPING DISPENSER

633 BLEND CENTERS

681 BLEND CENTERS

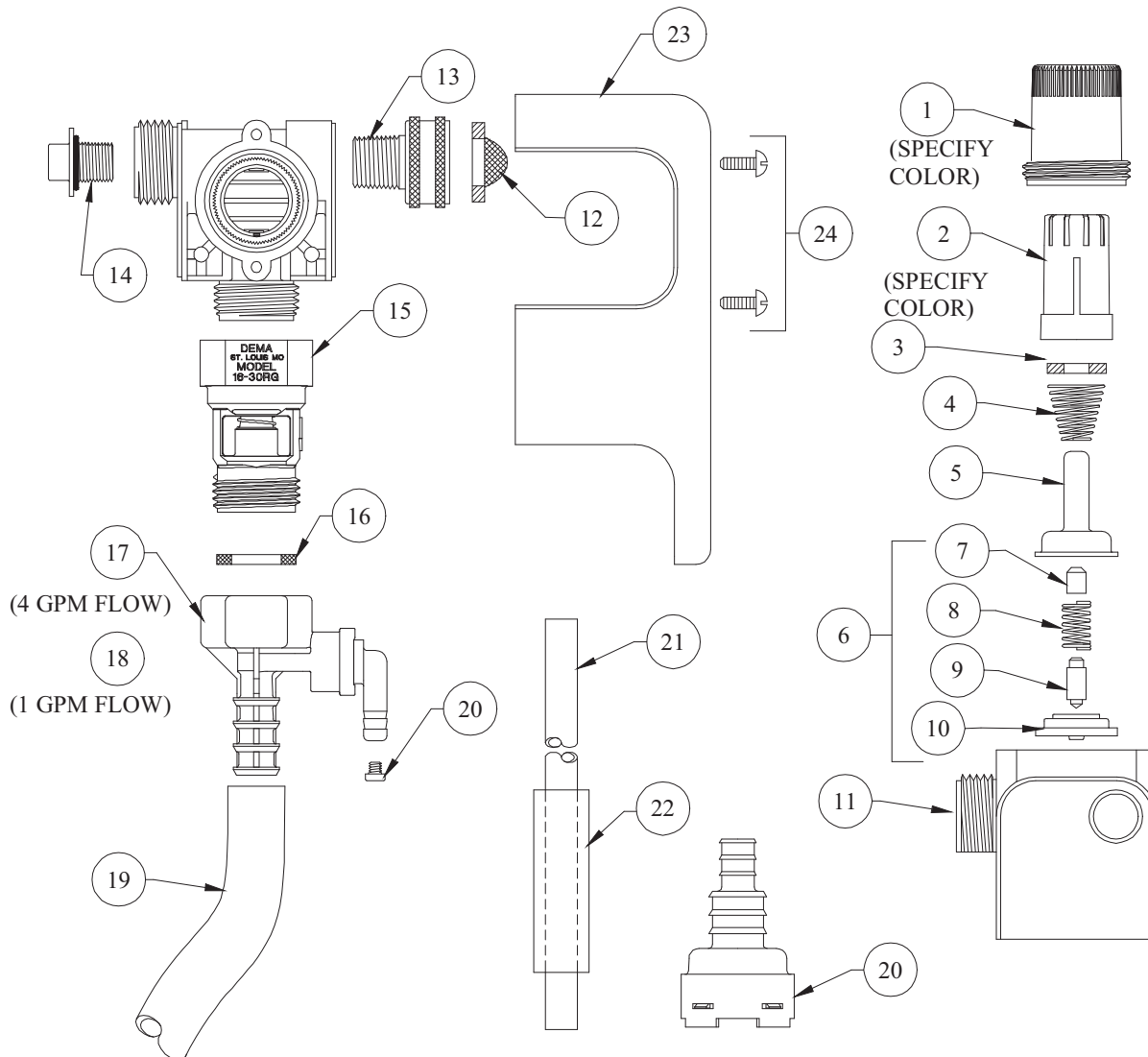
BLEND SAFE II DISPENSER

DILUTION @ HAND EXTREME

PROPORTIONERS

DEMA BLEND CENTER

MODEL 633□-164B-GAP, 633□-164T-GAP



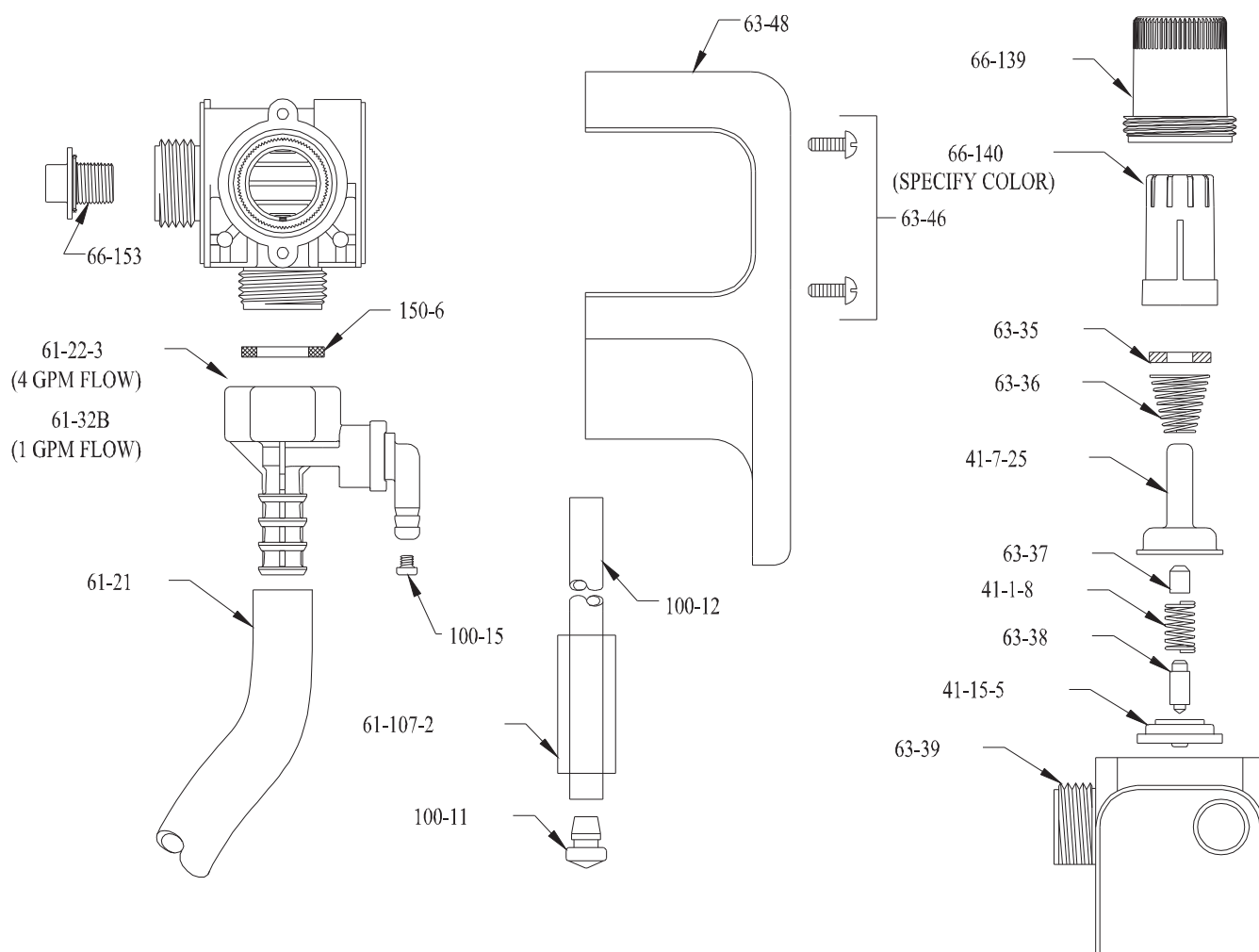
NO.	PART NO.	DESCRIPTION
1	66-139	Magnet Housing (Specify Color)
2	66-140	Push Button (Specify Color)
3	63-35	Magnet
4	63-36	Spring
5	41-7-25	Enclosing Tube
6	63-87	Valve Repair Kit
7	63-37	Spacer
8	41-1-8	Kick-off Spring
9	63-38	Plunger
10	41-15-5	Diaphragm
11	63-39	Valve Body
12	100-38	Strainer Washer
13	63-32	Pipe to Garden Hose Adapter
14	66-153	Pipe Plug & O-Ring
15	16-30	Backflow Preventer
16	150-6	Garden Hose Rubber Washer

NO.	PART NO.	DESCRIPTION
17	61-22-3	Proportioner
18	61-32B	1 GPM Proportioner
19	61-21	Vinyl Tube (½" ID X 6' Lg.)
20	100-15K	Metering Tip Kit (14 Sizes)
21	100-12	Vinyl Tube (1/4" ID X 8' Lg.)
22	61-107-2	Ceramic Weight
23*	100-16E-1	Foot Valve
24	63-45	Cover
25	63-46	Screw

ACCESSORIES (NOT SHOWN)		
26	61-25-2	Fresh Water Outlet Kit
27	163CB	Medium Capacity Proportioner
28	163CH	High Capacity Proportioner

*Foot Valve also available with silicone (100-16S-1) or Viton (100-16V-1) rubber seals. Please specify material when ordering.

BLEND CENTER, MODEL 633-PS



PART NO.	DESCRIPTION
41-1-8	KICK-OFF SPRING
41-7-25	ENCLOSING TUBE
41-15-5	DIAPHRAGM
61-21	VINYL TUBE (1/2 ID X 6' LG.)
61-22-3	PROPORTIONER
61-107-2	CERAMIC WEIGHT
63-35	MAGNET
63-36	SPRING
63-37	SPACER
63-38	PLUNGER
63-39	VALVE BODY
63-46	SCREW
63-48	COVER

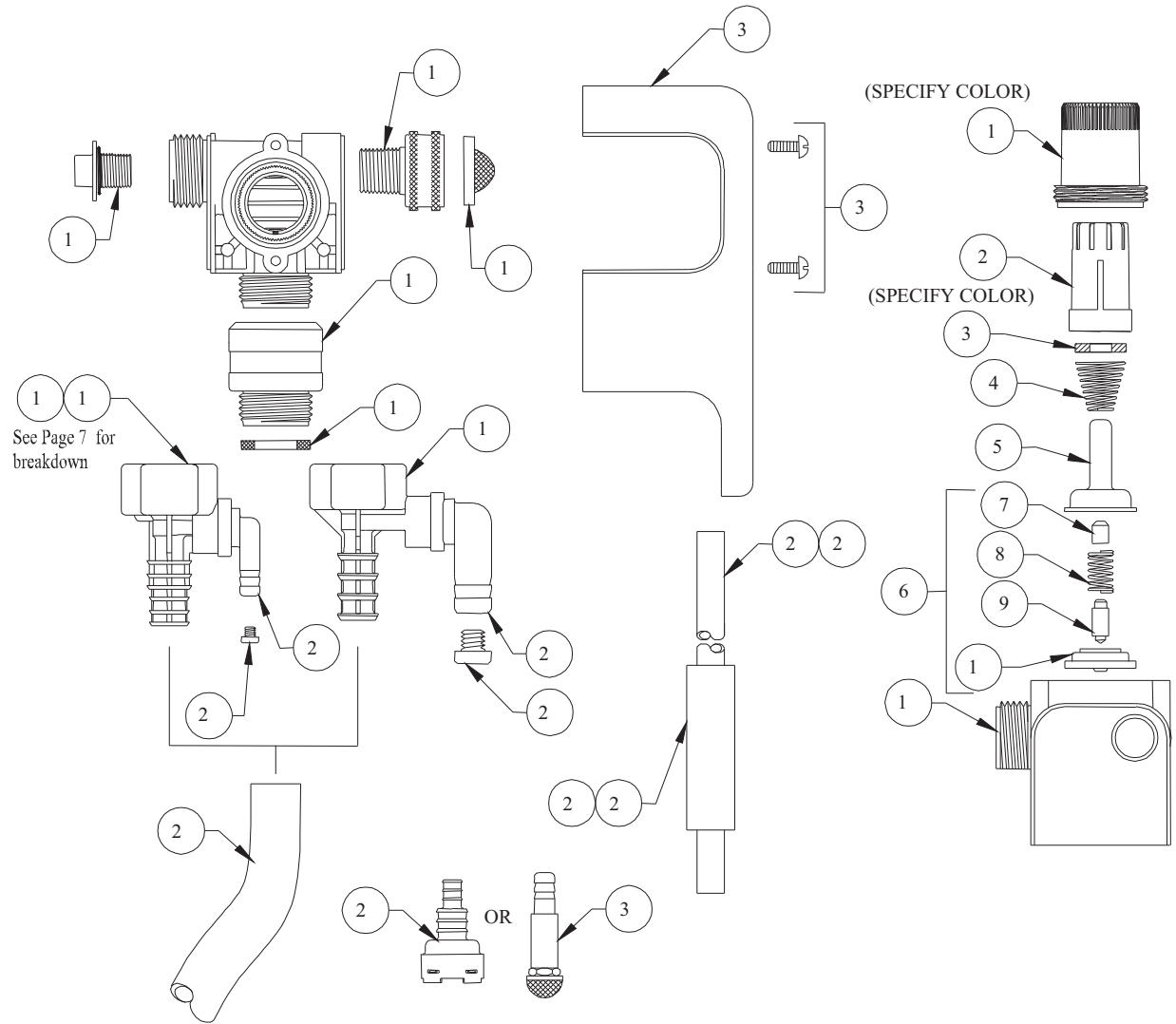
PART NO.	DESCRIPTION
66-139	MAGNET HOUSING
66-140	PUSH BUTTON (SPECIFY COLOR)
66-153	PIPE PLUG & O-RING
100-11	FOOT VALVE
100-12	VINYL TUBE (1/4 ID X 8' LG.)
150-6	GARDEN HOSE RUBBER WASHER

ACCESSORIES

61-25-2	FRESH WATER OUTLET KIT
61-32B	1 GPM PROPORTIONER
100-15K	METERING TIP KIT (13 SIZES)
163CB	MEDIUM CAPACITY PROPORTIONER
163CH	HIGH CAPACITY PROPORTIONER

DEMA BLEND CENTER

MODELS: 633(*)-163B, 633(*)-163H, & 633(*)-163T



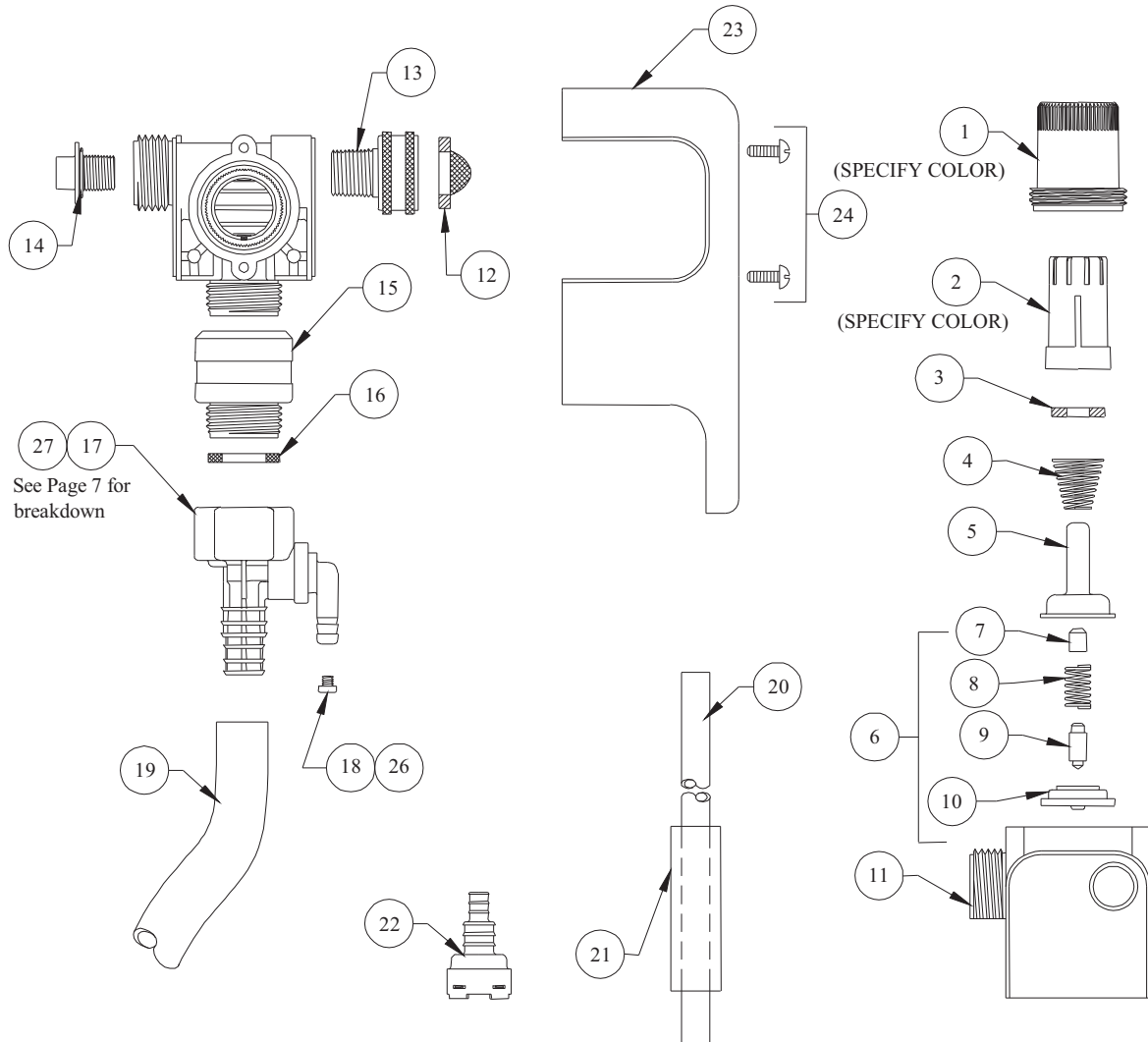
No.	PART NO.	DESCRIPTION
1	66-139	Magnet Housing (Specify Color)
2	66-140	Push Button (Specify Color)
3	63-35	Magnet
4	63-36	Spring
5	41-7-25	Enclosing Tube
6	63-87	Valve Repair Kit
7	63-37	Spacer
8	41-1-8	Kick-Off Spring
9	63-38	Plunger
10	41-15-10	Diaphragm
11	63-39	Valve Body
12	100-38	Inlet Screen
13	63-32	Pipe To Garden Hose Adaptor
14	66-153	Pipe Plug & O-Ring
15	34-22-4	Siphon Breaker
16	150-6	Garden Hose Rubber Washer
17	61-22-3	4 GPM Dual Barb Proportioner
18	61-99-2	1 GPM Dual Barb Proportioner

No.	PART NO.	DESCRIPTION
19	61-97	2 - 1/2 GPM Flow Proportioner
20	63-79	Inlet Barb (1/4" ID)
21	63-80	Inlet Barb (3/8" ID)
22	100-15	Metering Tip (Specify Size (For 1/4" Barb))
23	61-9	Metering Tip (Specify Size (For 3/8" Barb))
24	61-21	1/2 ID X 6' Lg. Vinyl Tubing
25	100-12	1/4" ID X 8' Lg. Vinyl Tubing
26	100-12L	3/8" ID X 8' Lg. Vinyl Tubing
27	61-107-2	Ceramic Weight (3/8 ID)
28	61-107	Ceramic Weight (1/2 ID)
29	100-16E-	Foot Valve (For 163B,
30	903	Foot Valve (For 163H)
31	63-45	Cover
32	63-46	Screw (#8-18 0.5 Carbon Steel)
ACCESSORIES		
33	61-25-2	Fresh Water Outlet Kit
34	100-15K	Metering Tip Kit (14 Sizes)
35	61-9K	Metering Tip Kit (13 Sizes)

INSTALLATION INSTRUCTIONS

DEMA BLEND CENTER

MODEL 633(*)-164B, 633(*)-164T, 633(*)-HA-1



NO.	PART NO.	DESCRIPTION
1	66-139	Magnet Housing (Specify Color)
2	66-140	Push Button (Specify Color)
3	63-35	Magnet
4	63-36	Spring
5	41-7-25	Enclosing Tube
6	63-87	Valve Repair Kit
7	63-37	Spacer
8	41-1-8	Kick-Off Spring
9	63-38	Plunger
10	41-15-10	Diaphragm
11	63-39	Valve Body
12	100-38	Inlet Screen

NO.	PART NO.	DESCRIPTION
13	63-32	Pipe To Garden Hose Adaptor
14	66-153	Pipe Plug & O-Ring
15	34-22-4	Siphon Breaker
16	150-6	Garden Hose Rubber Washer
17	61-22GAP-3	4 GPM Dual Barb Proportioner
18	100-15	Metering Tip (Specify Size (For 1/4" Barb))
19	61-21	1/2 ID X 6' Lg. Vinyl Tubing
20	61-107	Ceramic Weight (1/2 ID)
21	100-12	1/4" ID X 8' Lg. Vinyl Tubing
22*	100-16E-	Foot Valve (For 163B, 163T)
23	63-45	Cover
24	63-46	Screw (#8-18 0.5 Carbon Steel)

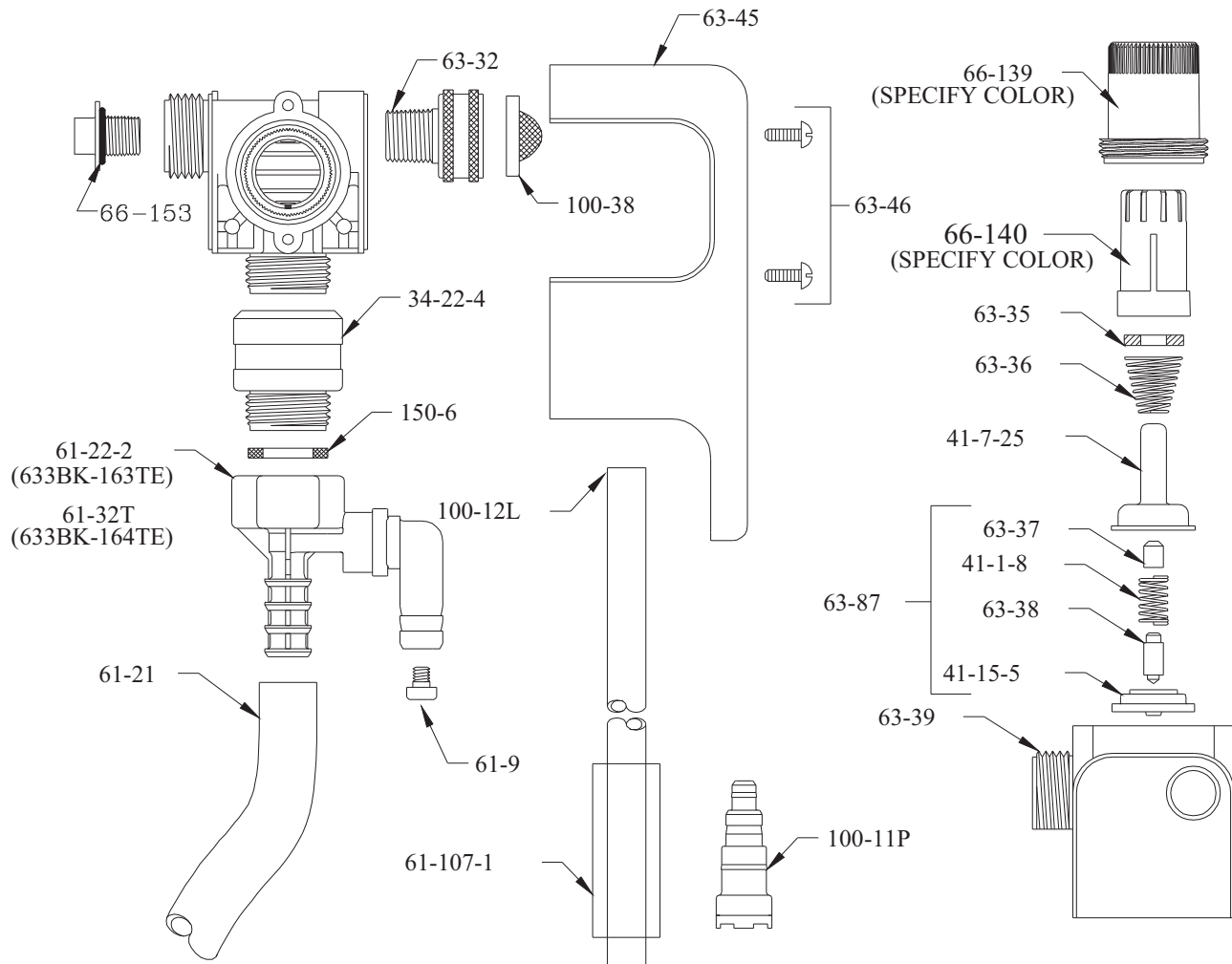
ACCESSORIES

25	61-25-2	Fresh Water Outlet Kit
26	100-15K	Metering Tip Kit (14 Sizes)
27	61-32B	1 GPM Proportioner

*Foot Valve also available with silicone (100-16S-) or Viton (100-16V-) rubber seals. Please specify material when ordering.

BLEND CENTER

MODEL 633BK-163TE, 633BK-164TE



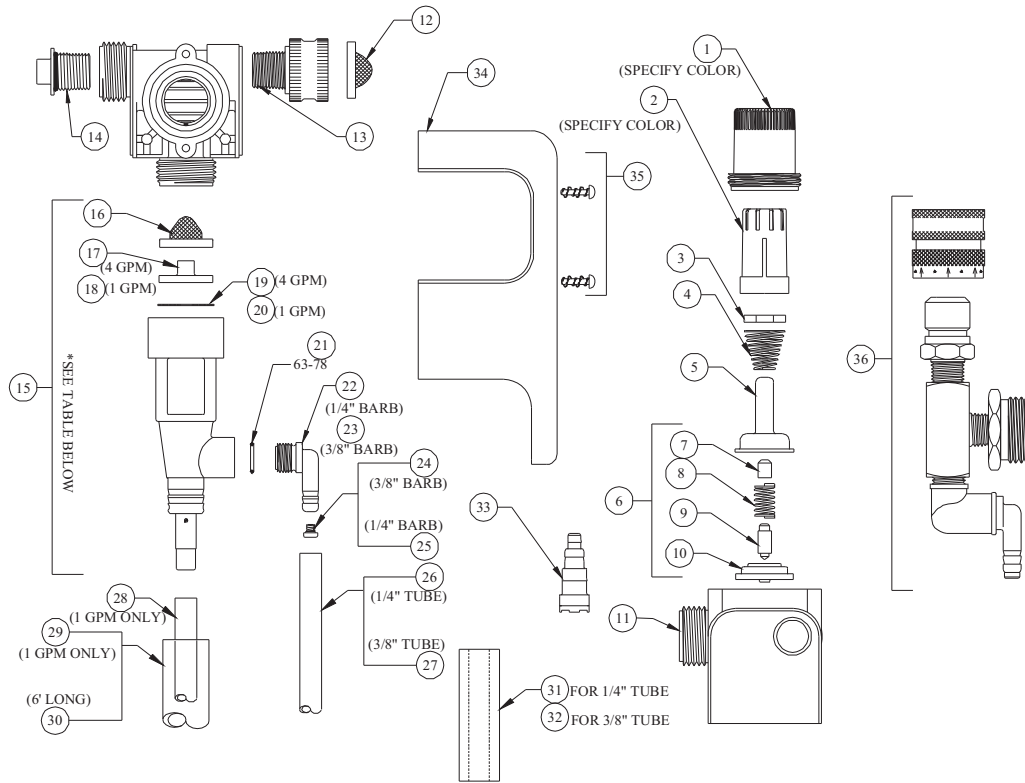
PART NO.	DESCRIPTION
34-22-4	SIPHON BREAKER
41-1-8	KICK-OFF SPRING
41-7-25	ENCLOSING TUBE
41-15-5	DIAPHRAGM
61-21	VINYL TUBE (1/2 ID X 6' LG.)
61-22-2	PROPORTIONER (633BK-163TE)
61-32T	PROPORTIONER (633BK-164TE)
61-107-1	CERAMIC WEIGHT
63-32	PIPE TO GARDEN HOSE ADAPTOR
63-35	MAGNET
63-36	SPRING
63-37	SPACER
63-38	PLUNGER
63-39	VALVE BODY
63-45	COVER

PART NO.	DESCRIPTION
63-46	SCREW
63-87	VALVE REPAIR KIT
66-139	MAGNET HOUSING (SPECIFY COLOR)
66-140	PUSH BUTTON (SPECIFY COLOR)
66-153	PIPE PLUG
100-11P	FOOT VALVE
100-12L	VINYL TUBE (3/8 ID X 8' LG.)
100-38	INLET SCREEN
150-6	GARDEN HOSE RUBBER WASHER

ACCESSORIES

61-25-2	FRESH WATER OUTLET KIT
61-9K	METERING TIP KIT (13 SIZES)
163CH	HIGH CAPACITY PROPORTIONER

DEMA 633AG-1 & 633AG-4 BLEND CENTER



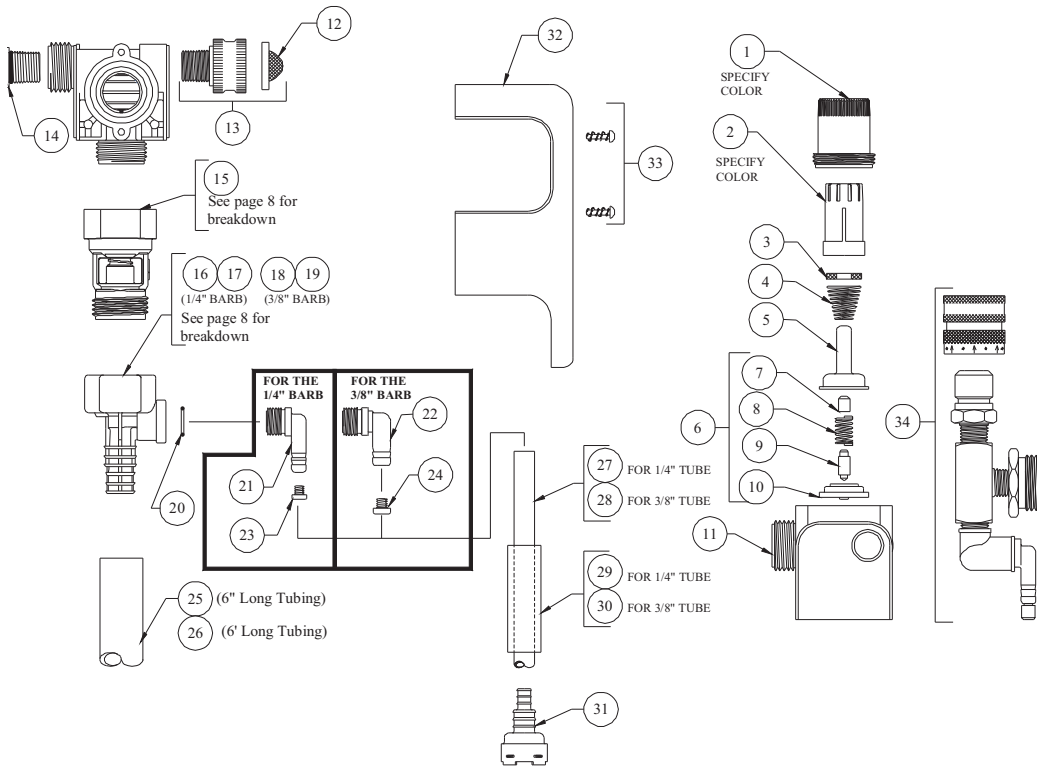
NO.	PART NO.	DESCRIPTION
1	66-139	Magnet Housing (Specify Color)
2	66-140	Push Button (Specify Color)
3	63-35	Magnet
4	63-36	Spring
5	41-7-25	Enclosing Tube
6	63-87	Valve Repair Kit
7	63-37	Spacer
8	41-1-8	Kick-Off Spring
9	63-38	Plunger
10	41-15-10	Diaphragm
11	63-39	Valve Body
12	100-38	Strainer Washer
13	93-44	Pipe To Garden Hose Adapter
14	66-153	Pipe Plug & O-Ring Assy.
15	61-22-3AG	4 GPM(3/8" Barb) Proportioner
	61-22-3BAG	4 GPM(1/4" Barb) Proportioner
	61-32AG	1 GPM(3/8" Barb) Proportioner
	61-32BAG	1 GPM(1/4" Barb) Proportioner
16	100-59	Strainer Washer
17	63-73	Nozzle (4 GPM)
18	63-74-2	Nozzle (1 GPM)
19	63-76	Screen (4 GPM)
20	63-77	Screen (1 GPM)
21	63-78	O-Ring

NO.	PART NO.	DESCRIPTION
22	63-79	Inlet Barb (1/4" Barb)
23	63-80	Inlet Barb (3/8" Barb)
24	61-9	Metering Tip
25	100-15	Metering Tip
26	100-12	Vinyl Tube (7/32" ID X 8 ft. Lg.)
27	100-12L	Vinyl Tube (3/8" ID X 8 ft. Lg.)
28	63-82	Vinyl Tube (3/16" ID X 7" Lg.)
29	63-88	Vinyl Tube (9/16" ID X 4" Lg.) (1 GPM Only)
30	63-83	Vinyl Tube (3/16" ID X 6 Ft. Lg.)
31	61-107-2	Ceramic Weight (For 3/8" OD Tubing)
32	61-107	Ceramic Weight (For 1/2" OD Tubing)
33	100-11P	Foot Valve
34	63-45	Cover
35	63-46	Screw

ACCESSORIES		
NO.	PART NO.	DESCRIPTION
36	68-6-QD2	Pressure Indicating Tee
37	61-25-2	Fresh Water Outlet Kit
38	100-15K	Metering Tip Kit (14 Sizes)
39	61-9K	Metering Tip Kit (15 Sizes)

DEMA BLEND CENTER

MODELS: 633GAP-1, 633GAPL-R4 & 633GAP-4



NO.	PART NO.	DESCRIPTION
1	66-139	Magnet Housing (Specify Color)
2	66-140	Push Button (Specify Color)
3	63-35	Magnet
4	63-36	Spring
5	41-7-25	Enclosing Tube
6	63-87	Valve Repair Kit
7	63-37	Spacer
8	41-1-8	Kick-off Spring
9	63-38	Plunger
10	41-15-5	Diaphragm
11	63-39	Valve Body
12	100-38	Strainer Washer
13	93-44	Swivel Adapter w/Strainer Washer
14	66-153	Pipe Plug & O-Ring Assy.
15	16-30	Action Gap Assembly
16	61-22-3	4 GPM (1/4" Barb) Prop. (Gray)
17	61-99-2	1 GPM (1/4" Barb) Prop. (Green)
18	61-22-2	4 GPM (3/8" Barb) Prop. (Gray)
19	61-99-1	1 GPM (3/8" Barb) Prop. (Green)
20	63-78	O-Ring

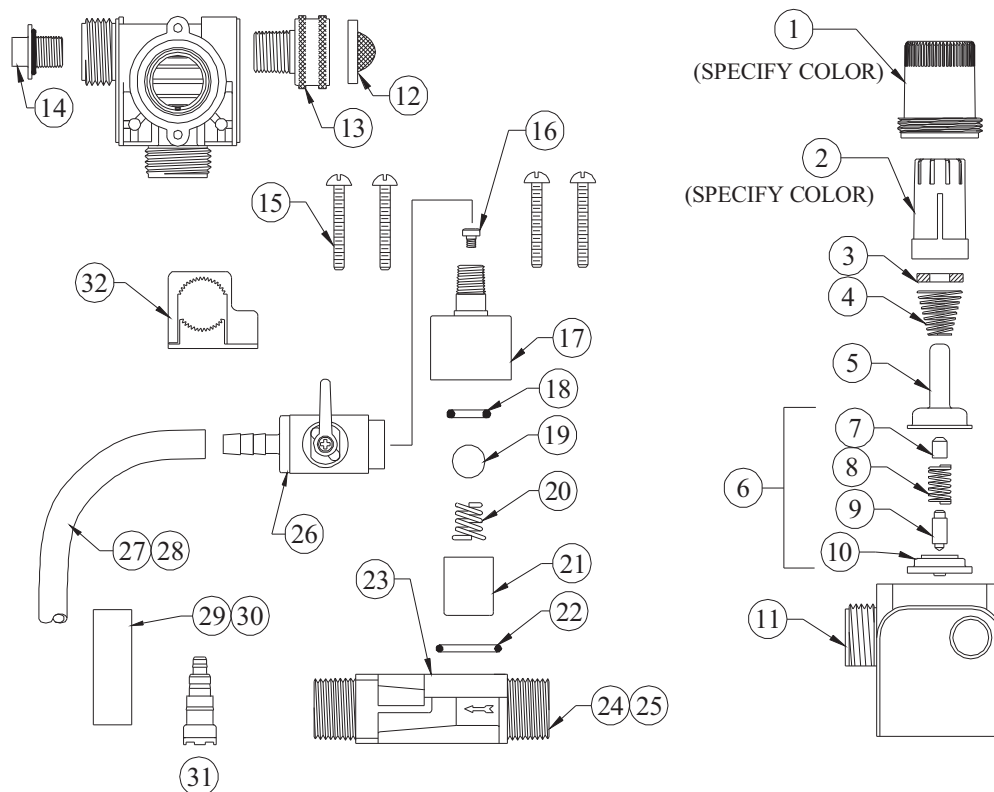
NO.	PART NO.	DESCRIPTION
21	63-79	Inlet Barb (1/4" Barb)
22	63-80	Inlet Barb (3/8" Barb)
23	100-15K	Metering Tip Kit (14 Sizes) (1/4" Barb)
24	61-9K	Metering Tip Kit (15 Sizes) (3/8" Barb)
25	16-3-6	1/2" ID X 6" Lg. Vinyl Outlet Tube (1 GPM Only)
26	61-21	1/2" ID X 6' Lg. Vinyl Outlet Tube (4 GPM Only)
27	100-12	1/4" ID X 8' Lg. Vinyl Supply Tubing
28	100-12L	3/8" ID X 8' Lg. Vinyl Supply Tubing
29	61-107-2	Ceramic Weight (3/8" OD Tube)
30	61-107	Ceramic Weight (1/2" OD Tube)
31*	100-16E	Foot Valve
32	63-45	Cover
33	63-46	Screws (2 Req'd)

ACCESSORIES		
NO.	PART NO.	DESCRIPTION
34	68-6-QD2	Pressure Indicating Tee

*Foot Valve also available with silicone (100-16S) or Viton (100-16V) rubber seals. Please specify material when ordering.

DEMA BLEND CENTER

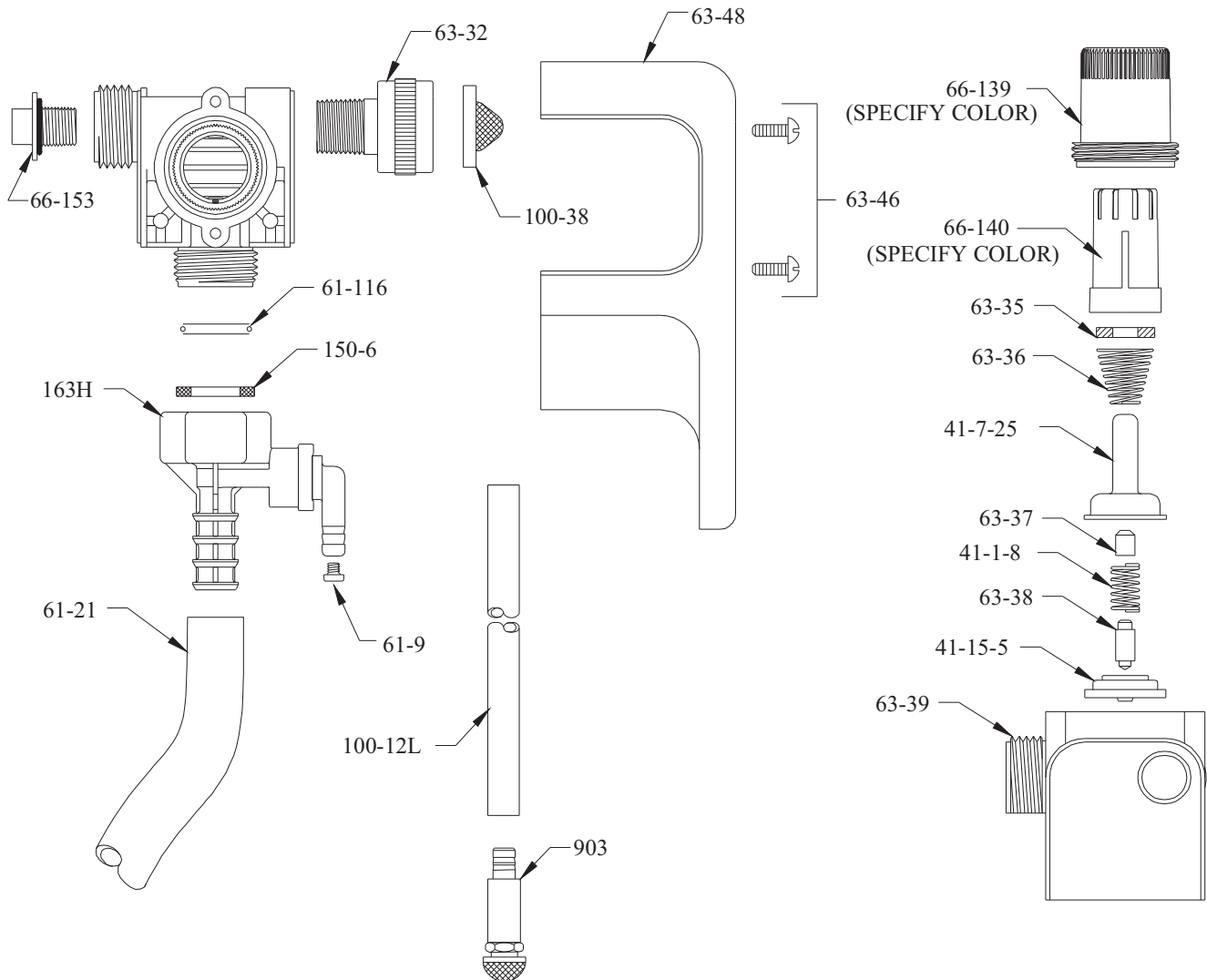
MODELS 633MB, 633MB2



NO.	PART NO.	DESCRIPTION
1	66-139	Magnet Housing (Specify Color)
2	66-140	Push Button (Specify Color)
3	63-53	Magnet
4	63-36	Spring
5	41-7-25	Enclosing Tube
6	63-87	Valve Repair Kit
7	63-37	Spacer
8	41-1-8	Kick-Off Spring
9	63-83	Plunger
10	41-15-10	Diaphragm
11	63-39	Valve Body
12	100-38	Strainer Washer
13	63-32	Pipe to Garden Hose Adapter
14	66-153	Pipe Plug w/ O-Ring
15	24-67	Screw (4 Req'd)
16	61-9	Metering Tip (Specify Size)
17	23-32T	Metering Knob
18	24-25	Check Valve O-Ring

NO .	PART NO.	DESCRIPTION
19	24-24P	Check Valve Ball
20	24-23	Check Valve Spring
21	24-34-7	Check Valve Core
22	25-29	Metering Knob O-Ring
23	24-68	Injector Body (P203C Series)
24	P203CTC-LB	Injector (633MB)
25	P203CTC-LB2	Injector (633MB2)
26	44-71-1	Ball Valve (633MB2 Only)
27	100-12	Vinyl Tube (1/4 ID S 8' Lg.) (633MB2)
28	100-12L	Vinyl Tubing (3/8' ID X 8' Lg.)(633MB)
29	61-107-2	Ceramic Weight (633MB)
30	61-107	Ceramic Weight (633MB2)
31	100-11P	Foot Valve
32	60-43	Hose Clamp
ACCESSORIES		
NO .	PART NO.	DESCRIPTION
33	61-9K	Metering Tip Kit (13 Sizes)

BLEND CENTER, MODEL 633-163H-DT



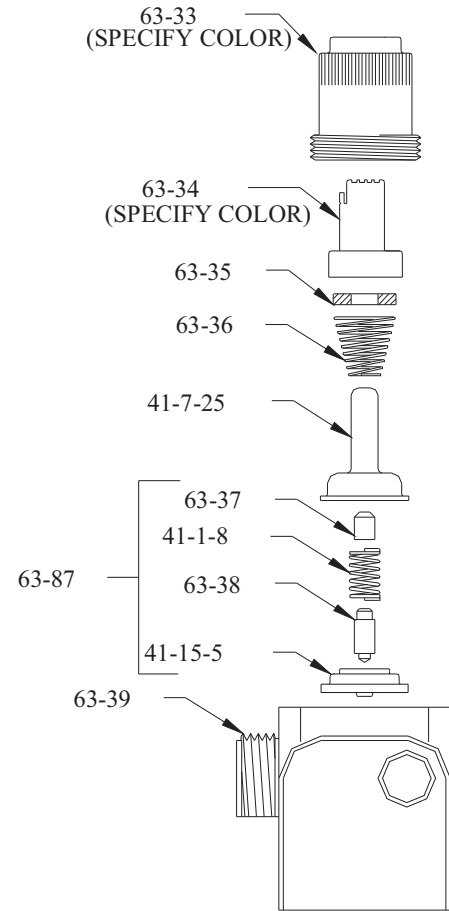
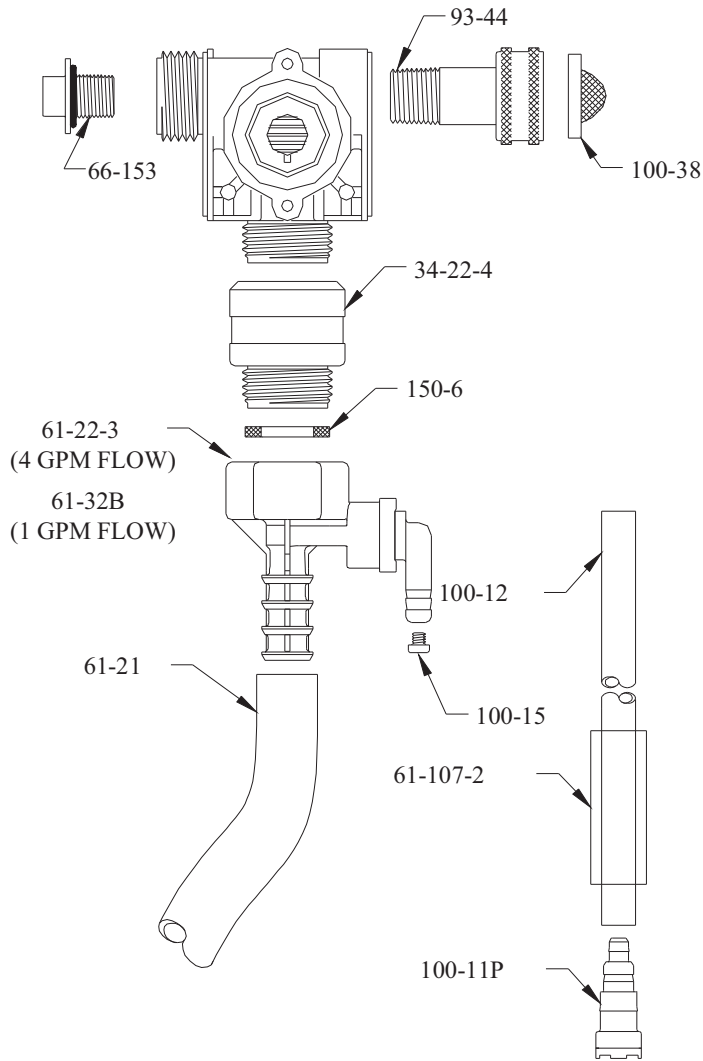
PART NO.	DESCRIPTION
41-1-8	KICK-OFF SPRING
41-7-25	ENCLOSING TUBE
41-15-5	DIAPHRAGM
61-21	VINYL TUBE (1/2 ID X 6' LG.)
61-116	O-RING
63-32	HOSE ADAPTER
63-35	MAGNET
63-36	SPRING
63-37	SPACER
63-38	PLUNGER
63-39	VALVE BODY
63-46	SCREW
63-48	COVER

PART NO.	DESCRIPTION
66-139	MAGNET HOUSING (SPECIFY COLOR)
66-140	PUSH BUTTON (SPECIFY COLOR)
66-153	PIPE PLUG
100-12L	VINYL TUBE (3/8 ID X 8' LG.)
100-38	INLET SCREEN
150-6	GARDEN HOSE RUBBER WASHER
163CH	PROPORTIONER-HIGH CAPACITY
903	FOOT VALVE

ACCESSORIES

61-9K	METERING TIP KIT
61-25-2	FRESH WATER OUTLET KIT
61-32	1 GPM PROPORTIONER
163CB	MEDIUM CAPACITY PROPORTIONER

BLEND CENTER, MODEL 681-1



PART NO.	DESCRIPTION
34-22-4	SIPHON BREAKER
41-1-8	KICK-OFF SPRING
41-7-25	ENCLOSING TUBE
41-15-5	DIAPHRAGM
61-21	VINYL TUBE (1/2 ID X 6' LG.)
61-22-3	PROPORTIONER
61-107-2	CERAMIC WEIGHT
63-33	MAGNET HOUSING (SPECIFY COLOR)
63-34	PUSH BUTTON (SPECIFY COLOR)
63-35	MAGNET
63-36	SPRING
63-37	SPACER
63-38	PLUNGER
63-39	VALVE BODY

PART NO.	DESCRIPTION
63-87	VALVE REPAIR KIT
66-153	PIPE PLUG & O-RING
93-44	PIPE TO GARDEN HOSE ADAPTOR
100-11P	FOOT VALVE
100-12	VINYL TUBE (1/4 ID X 8' LG.)
100-38	INLET SCREEN
150-6	GARDEN HOSE RUBBER WASHER

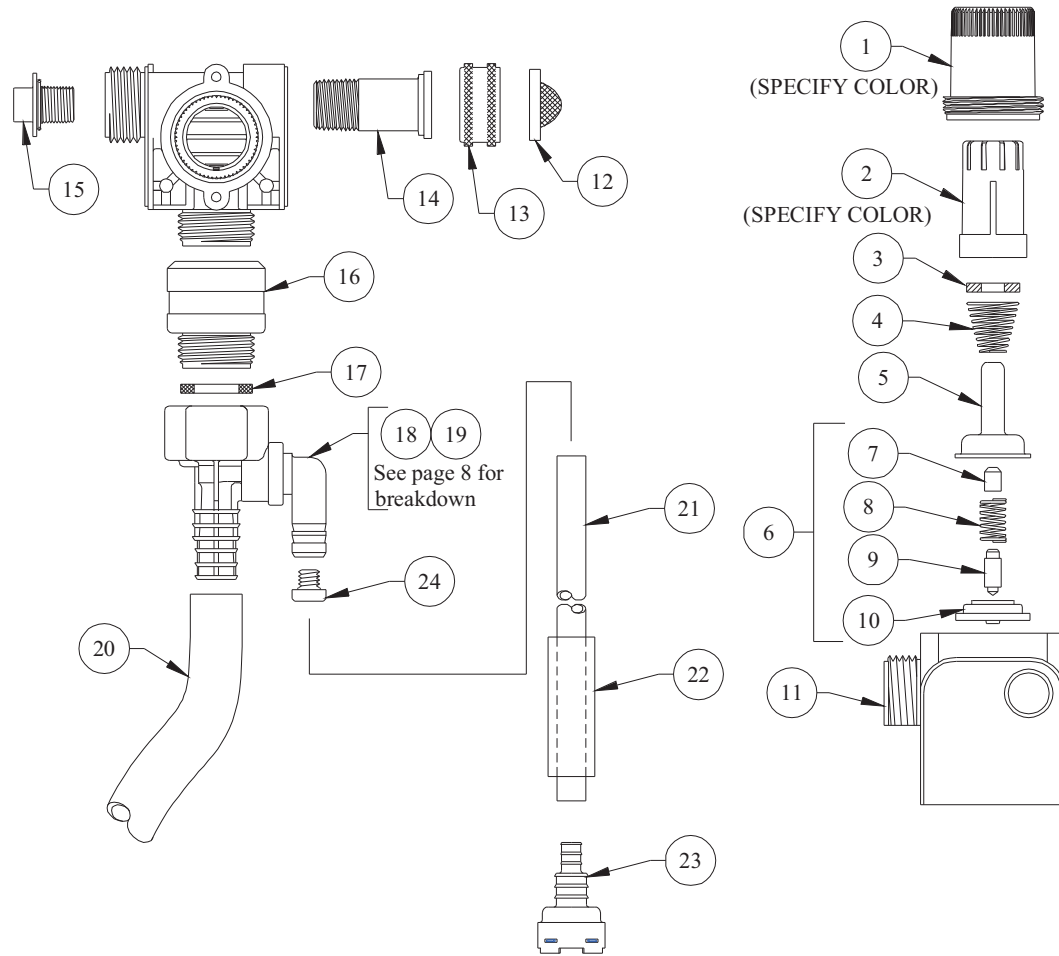
ACCESSORIES

61-25-5	FRESH WATER OUTLET KIT
61-32B	1 GPM PROPORTIONER
100-15K	METERING TIP KIT (13 SIZES)
163CB	MEDIUM CAPACITY PROPORTIONER
163CH	HIGH CAPACITY PROPORTIONER

DEMA BLEND CENTER

MODELS: 681-1-163T

INSTALLATION INSTRUCTIONS



QTY	PART NO.	DESCRIPTION
1	66-139	Magnet Housing (Specify Color)
2	66-140	Push Button (Specify Color)
3	63-35	Magnet
4	63-36	Spring
5	41-7-25	Enclosing Tube
6	63-87	Valve Repair Kit
7	63-37	Spacer
8	41-1-8	Kick-off spring
9	63-38	Plunger
10	41-15-5	Diaphragm
11	63-39	Valve Body
12	100-38	Strainer Washer
13	65-10-2	Hose Fitting Coupling (Plated)
14	65-100-2	Hose Fitting Stem 1.53" Lg. (Plated)

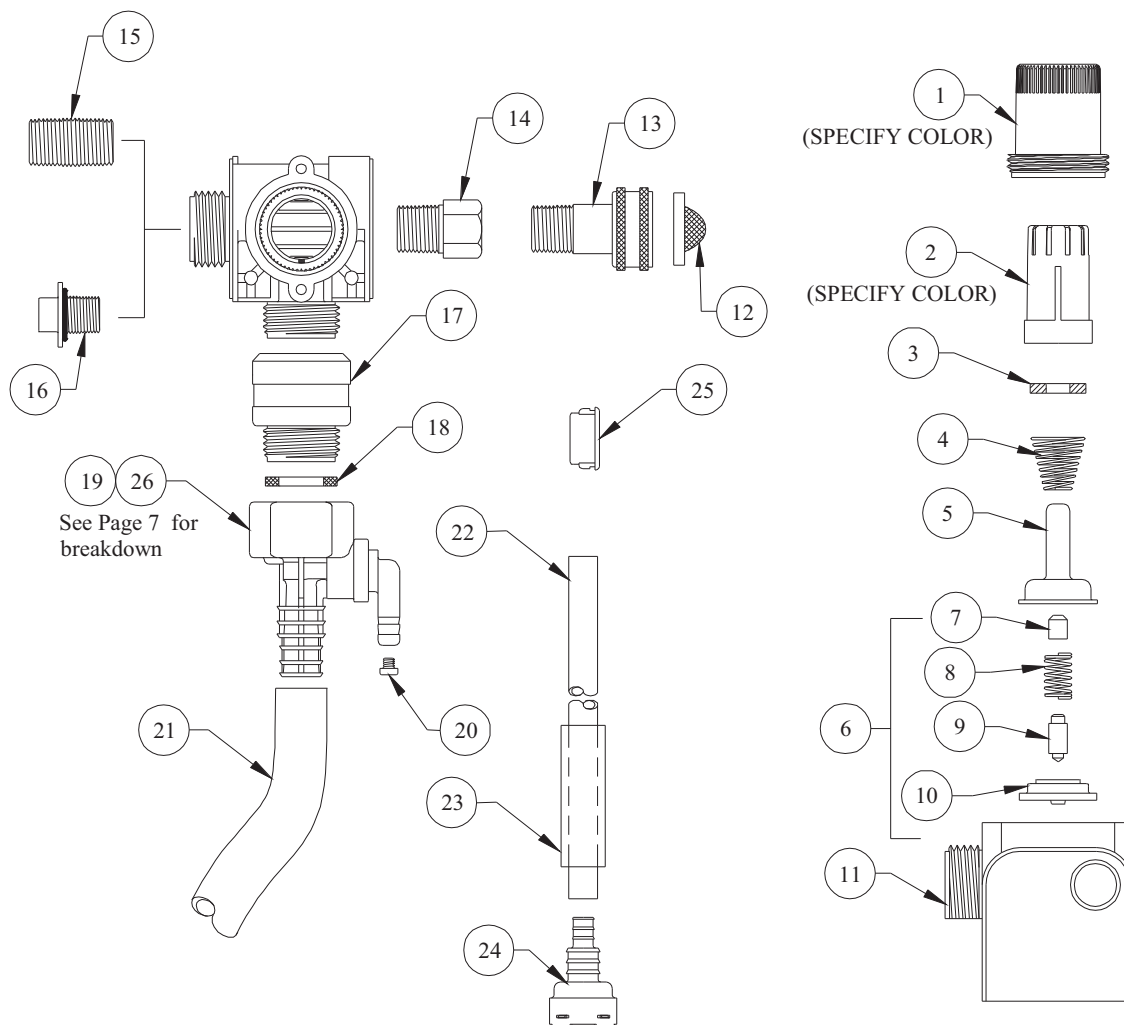
QTY	PART NO.	DESCRIPTION
15	66-153	Pipe Plug & O-Ring Assy.
16	34-22-4	Siphon Breaker
17	150-6	Rubber Washer
18	61-99GAP-1	1 GPM (1/4" Barb) Proportioner (Green)
19	61-22GAP-1	4 GPM (1/4" Barb) Proportioner (Gray)
20	61-21	1/2" ID X 6' Lg. Vinyl Outlet Tube (4 GPM Only)
21	100-12L	1/4" ID X 8' Lg. Vinyl Tubing
22	61-107-1	Ceramic Weight
23	100-16E	Foot Valve

ACCESSORIES

24	61-9	Metering Tip Kit (13 Sizes)
25	61-25-5	Fresh Water Outlet Kit

DEMA BLEND CENTER

MODEL: 681-2



QTY.	PART NO.	DESCRIPTION
1	66-139	Magnet Housing (Specify Color)
2	66-140	Push Button (Specify Color)
3	63-35	Magnet
4	63-36	Spring
5	41-7-25	Enclosing Tube
6	63-87	Valve Repair Kit
7	63-37	Spacer
8	41-1-8	Kick-Off Spring
9	63-38	Plunger
10	41-15-5	Diaphragm
11	63-39	Valve Body
12	100-38	Inlet Screen

QTY.	PART NO.	DESCRIPTION
13	93-44	Pipe To Garden Hose Adapter
14	63-47	Adapter
15	66-31	Close Nipple
16	66-153	Pipe Plug & O-Ring
17	34-22-4	Siphon Breaker
18	150-6	Garden Hose Rubber Washer
19	61-22GAP-3	4 GPM Dual Barb Proportioner
20	100-15	Metering Tip (Specify Size (For 1/4" Barb))
21	61-33	1/2 ID X 6' Lg. Vinyl Tubing
22	100-12	1/4" ID X 8' Lg. Vinyl Tubing
23	61-107-2	Ceramic Weight (1/4" ID)
24	100-16E-1	Foot Valve (For 163B, 163T)
24	61-11	Snap Bushing

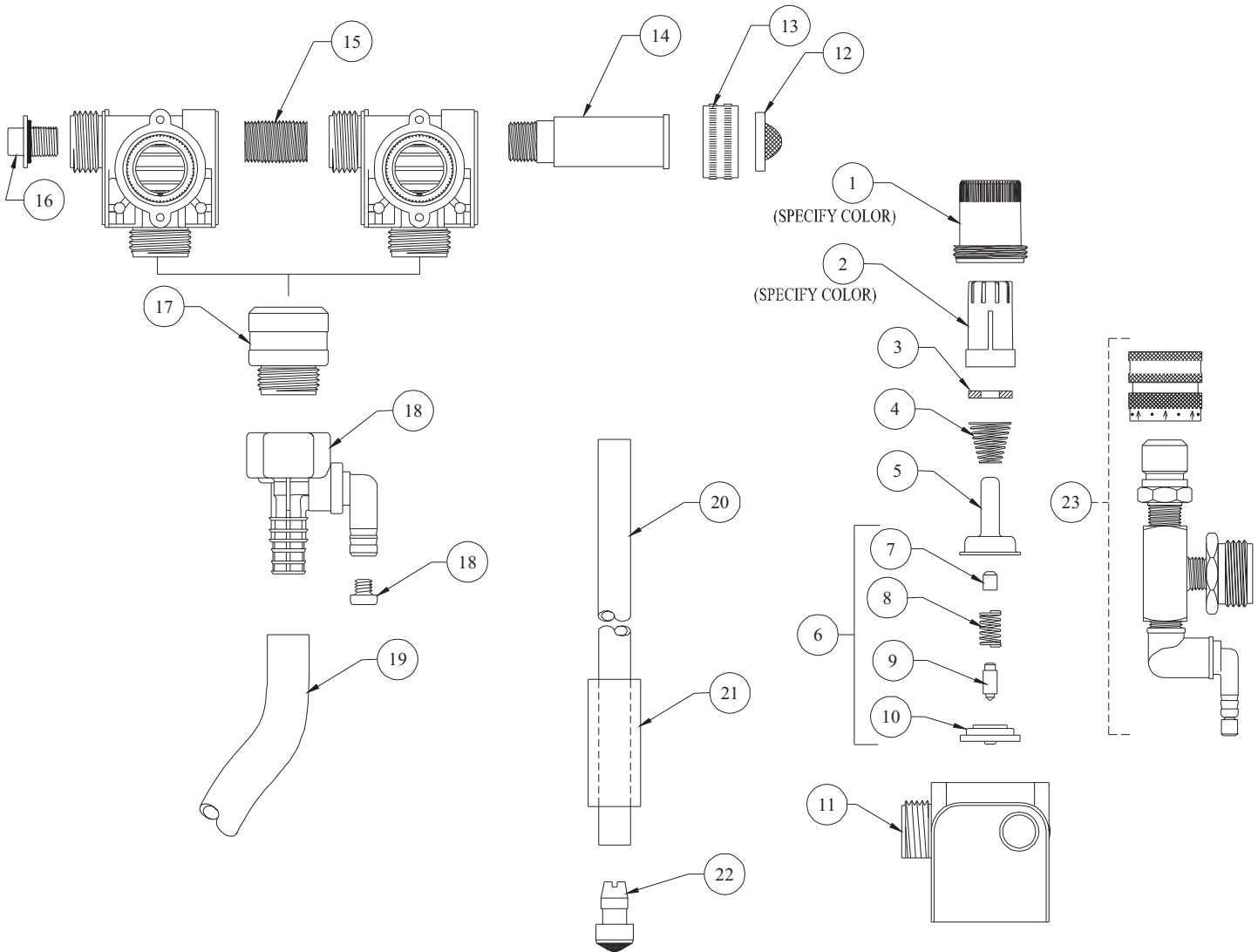
ACCESSORIES

25	61-25-2	Fresh Water Outlet Kit
26	100-15K	Metering Tip Kit (14 Sizes)
27	61-32B	1 GPM Proportioner

DEMA BLEND CENTER

MODEL: 681-2-163T

INSTALLATION INSTRUCTIONS

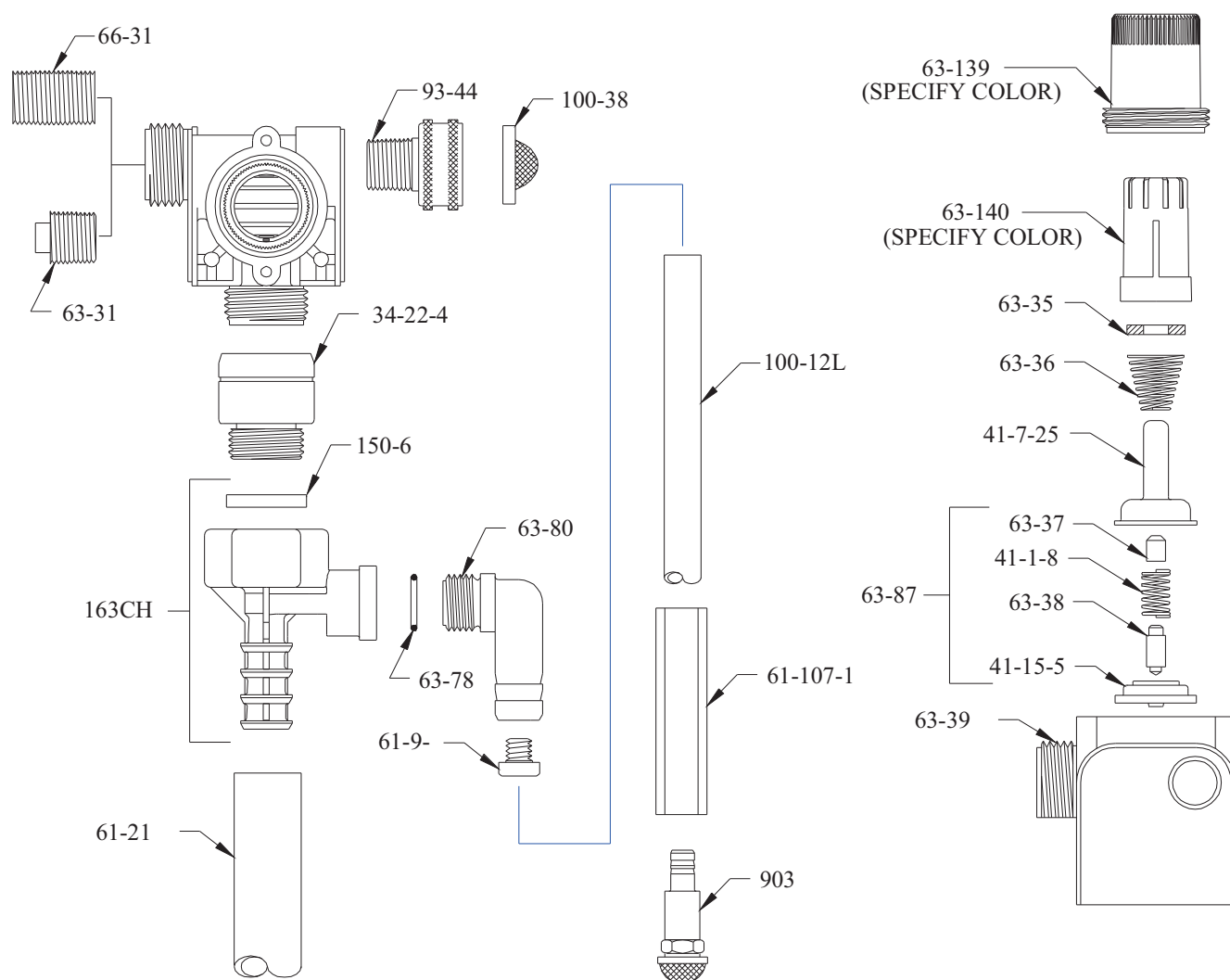


QTY.	PART NO.	DESCRIPTION
1	66-139	Magnet Housing (Specify Color)
2	66-140	Push Button (Specify Color)
3	63-35	Magnet
4	63-36	Spring
5	41-7-25	Enclosing Tube
6	63-87	Valve Repair Kit
7	63-37	Spacer
8	41-1-8	Kick-off spring
9	63-38	Plunger
10	41-15-5	Diaphragm
11	63-39	Valve Body

QTY.	PART NO.	DESCRIPTION
12	100-38	Strainer Washer
13	65-10-2	Coupling
14	65-14-2	Hose Fitting Stem 2.56" Lg.
15	66-31	Close Nipple
16	66-153	Pipe Plug & O-Ring Assy.
17	34-22-4	Siphon Breaker
18	61-22GAP-1	4 GPM (3/8" Barb) Proportioner (Gray)
19	61-9K	Metering Tip Kit (15 Sizes) (3/8" Barb)
20	61-21	1/2" ID X 6' Lg. Vinly Outlet Tube (4 GPM Only)
21	100-12L	3/8" ID X 8' Lg. Vinyl Supply Tubing
22	61-107	Ceramic Weight (3/8" ID Tube)

ACCESSORIES		
23	68-6-QD2	Pressure Indicating Tee

BLEND CENTER, MODEL 681-2P-163CH



PART NO.	DESCRIPTION
34-22-4	VACUUM BREAKER
41-1-8	KICK-OFF SPRING
41-7-25	ENCLOSING TUBE
41-15-5	DIAPHRAGM
61-9-	METERING TIP (SPECIFY COLOR)
61-21	VINYL TUBE (9/16 ID X 5' LG)
61-107-1	CERAMIC WEIGHT (3/8" TUBE)
63-31	PIPE PLUG
63-35	MAGNET
63-36	SPRING
63-37	SPACER

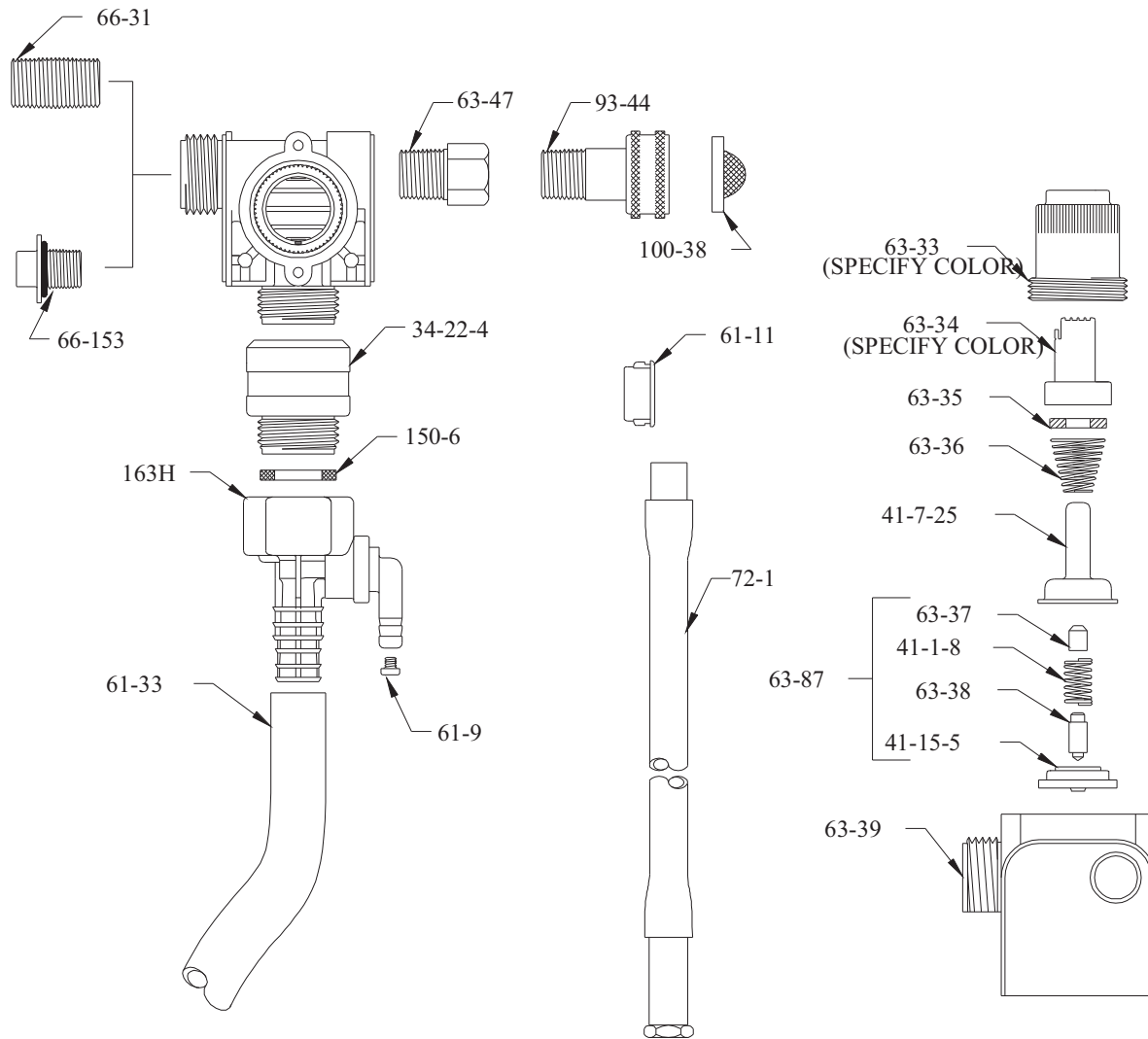
PART NO.	DESCRIPTION
63-38	PLUNGER
63-39	VALVE BODY
63-78	O-RING
63-80	INLET BARB (3/8")
63-87	VALVE REPAIR KIT
66-31	CLOSE NIPPLE
66-139	MAGNET HOUSING (SPECIFY COLOR)
66-140	PUSH BUTTON (SPECIFY COLOR)
93-44	PIPE TO GARDEN HOSE ADAPTOR
100-12L	VINYL TUBE 3/8" ID X 8' LG.
163CH	HI-CAPACITY PROPORTIONER

ACCESSORIES

61-9K	METERING TIP KIT (15 SIZES)
61-25-5	FRESH WATER OUTLET KIT

DEMA BLEND CENTER

MODEL: 681-2SP



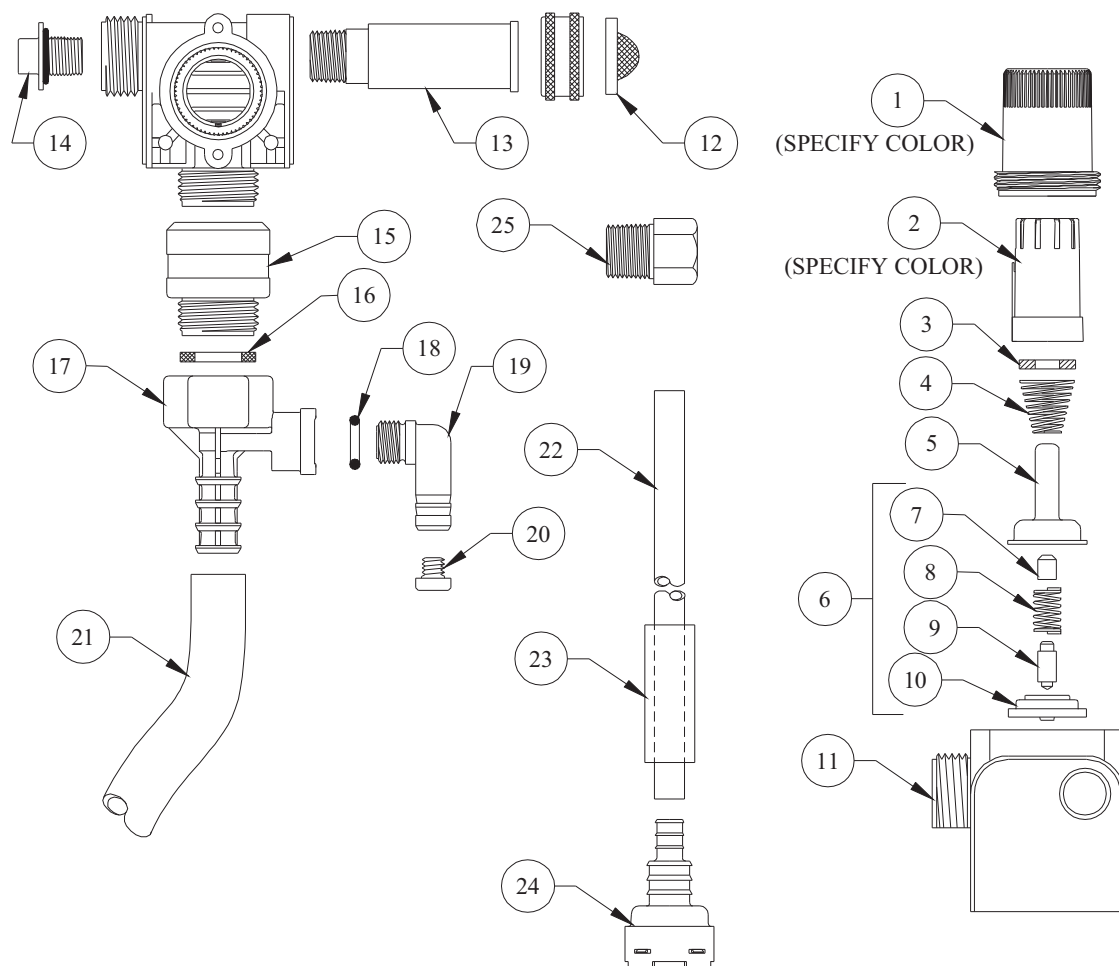
PART NO.	DESCRIPTION
34-22-4	SIPHON BREAKER
41-1-8	KICK-OFF SPRING
41-7-25	ENCLOSING TUBE
41-15-5	DIAPHRAGM
61-11	SNAP BUSHING
61-33	VINYL TUBE (1/2 ID X 10' LG.)
63-33	MAGNET HOUSING (SPECIFY COLOR)
63-34	PUSH BUTTON (SPECIFY COLOR)
63-35	MAGNET
63-36	SPRING
63-37	SPACER
63-38	PLUNGER
63-39	VALVE BODY
63-47	ADAPTER
63-87	VALVE REPAIR KIT

PART NO.	DESCRIPTION
66-31	CLOSE NIPPLE
66-153	PIPE PLUG & O-RING
72-1	FOOT VALVE & TUBING ASSEMBLY
93-44	PIPE TO GARDEN HOSE ADAPTER
100-38	INLET SCREEN
150-6	GARDEN HOSE RUBBER WASHER
163H	PROPORTIONER

ACCESSORIES

61-9K	METERING TIP KIT
61-22-2	4 GPM PROPORTIONER
61-25-5	FRESH WATER OUTLET KIT
61-32	1 GPM PROPORTIONER
163CB	MEDIUM CAPACITY PROPORTIONER

DEMA® 681-3-163CH BLEND CENTER



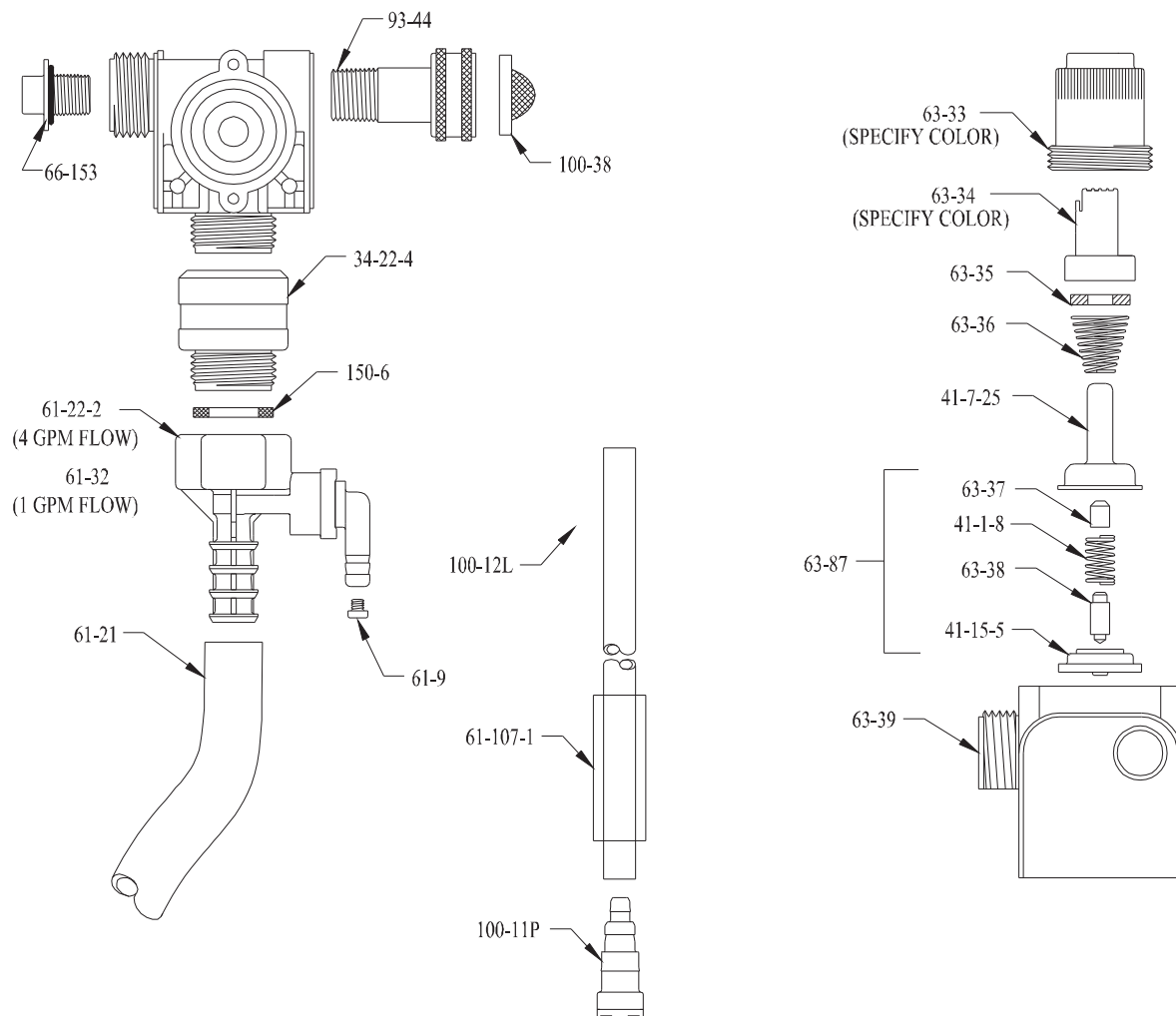
NO.	PART NO.	DESCRIPTION
1	66-139	Magnet Housing (Specify Color)
2	66-140	Push Button (Specify Color)
3	63-35	Magnet
4	63-36	Spring
5	41-7-25	Enclosing Tube
6	63-87	Valve Repair Kit
7	63-37	Spacer
8	41-1-8	Kick-off spring
9	63-38	Plunger
10	41-15-5	Diaphragm
11	63-39	Valve Body

NO.	PART NO.	DESCRIPTION
12	100-38	Strainer Washer
13	65-14-2	Hose Fitting Stem, 2.56" Lg.
14	66-153	Pipe Plug & O-Ring Assy.
15	34-22-4	Siphon Breaker
16	150-6	Rubber Washer
17	163CH	High Capacity Proportioner
18	63-78	O-Ring
19	63-79	Inlet Barb (1/4" Barb)
20	61-7	1/2 ID X 20' LG. Vinyl Supply Tubing
21	100-12L	1/4" ID X 8' Lg. Vinyl Supply Tubing
22	61-107	Ceramic Weight
23	100-16V	Foot Valve

ACCESSORIES

NO.	PART NO.	DESCRIPTION
24	61-9K	Metering Tip Kit-14 Sizes
25	63-47	3/8 Adapter

BLEND CENTER, MODEL 681-3-163T, 681-3-164T



PART NO.	DESCRIPTION
34-22-4	SIPHON BREAKER
41-1-8	KICK-OFF SPRING
41-7-25	ENCLOSING TUBE
41-15-5	DIAPHRAGM
61-21	VINYL TUBE (1/2 ID X 6' LG.)
61-22-2	PROPORTIONER
61-107-1	CERAMIC WEIGHT
63-33	MAGNET HOUSING (SPECIFY COLOR)
63-34	PUSH BUTTON (SPECIFY COLOR)
63-35	MAGNET
63-36	SPRING
63-37	SPACER
63-38	PLUNGER
63-39	VALVE BODY

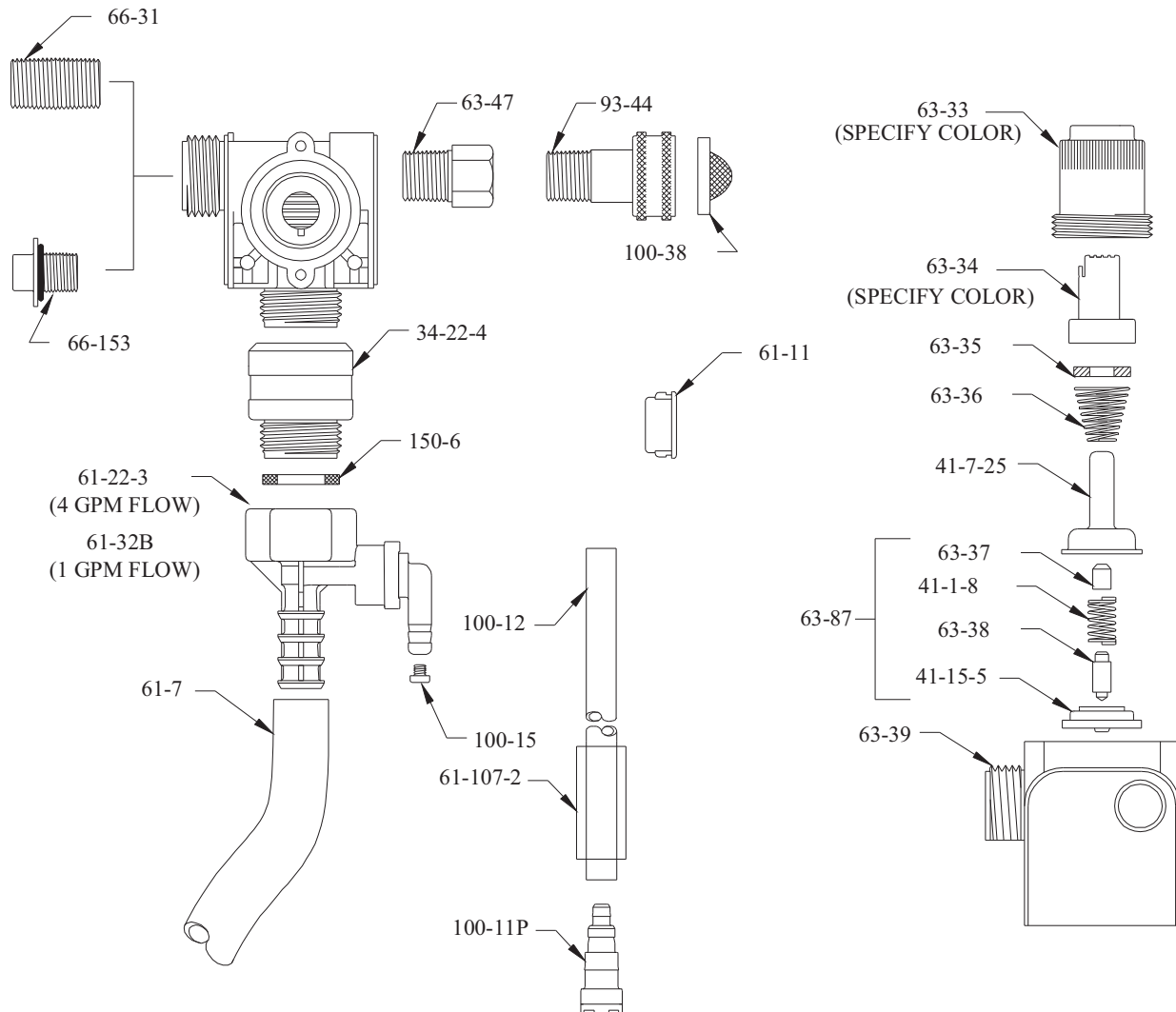
PART NO.	DESCRIPTION
63-87	VALVE REPAIR KIT
66-153	PIPE PLUG & O-RING
93-44	PIPE TO GARDEN HOSE ADAPTOR
100-11P	FOOT VALVE
100-12L	VINYL TUBE (1/4 ID X 8' LG.)
100-38	INLET SCREEN
150-6	GARDEN HOSE RUBBER WASHER

ACCESSORIES

61-25-5	FRESH WATER OUTLET KIT
61-32	1 GPM PROPORTIONER
61-9	METERING TIP KIT (13 SIZES)
163	MEDIUM CAPACITY PROPORTIONER
163H	HIGH CAPACITY PROPORTIONER

DEMA BLEND CENTER

MODEL: 681-3



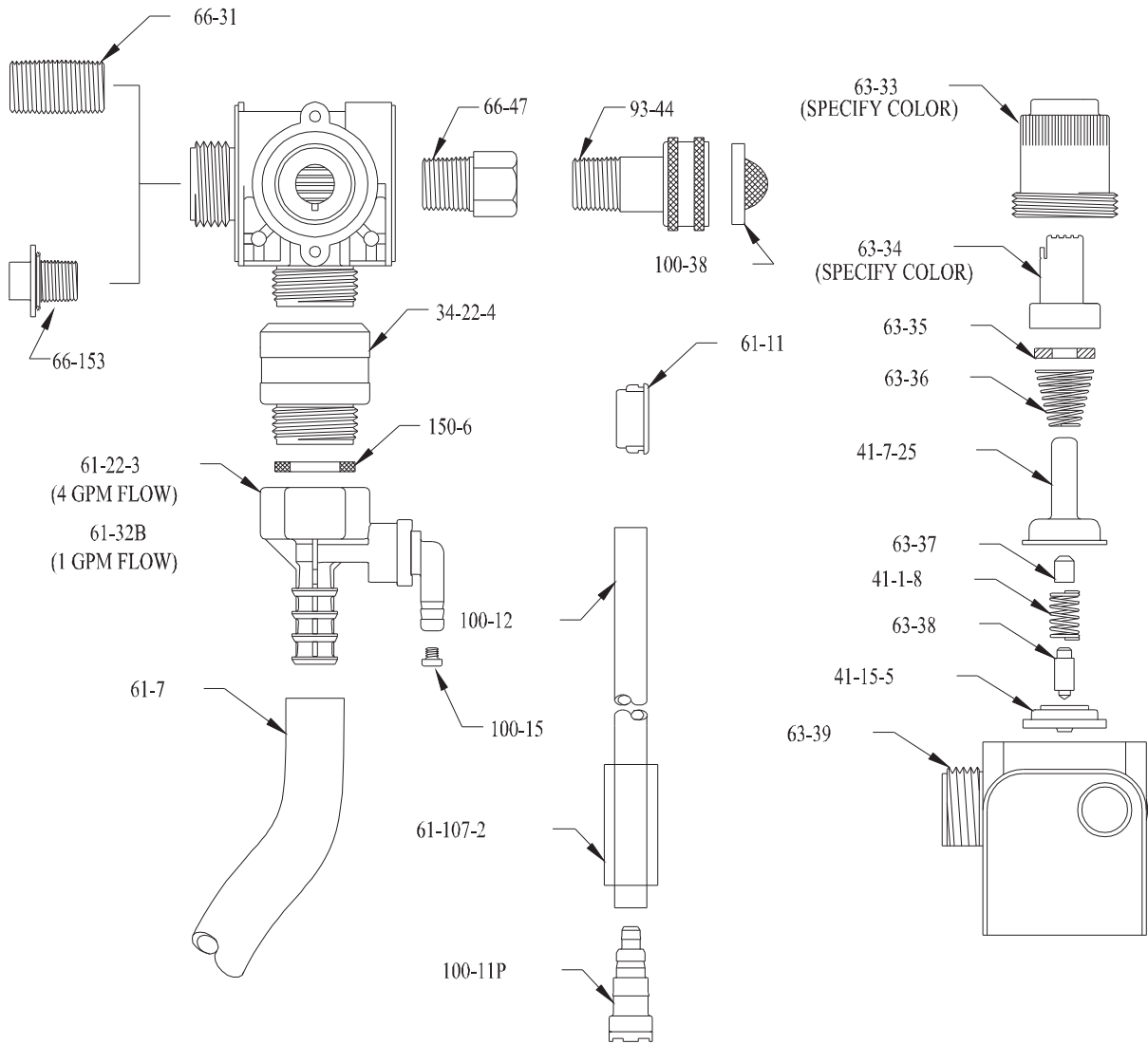
PART NO.	DESCRIPTION
34-22-4	SIPHON BREAKER
41-1-8	KICK-OFF SPRING
41-7-25	ENCLOSING TUBE
41-15-5	DIAPHRAGM
61-7	VINYL TUBE (1/2 ID X 20' LG.)
61-11	SNAP BUSHING
61-22-3	PROPORTIONER
61-107-2	CERAMIC WEIGHT
63-33	MAGNET HOUSING (SPECIFY COLOR)
63-34	PUSH BUTTON (SPECIFY COLOR)
63-35	MAGNET
63-36	SPRING
63-37	SPACER
63-38	PLUNGER
63-39	VALVE BODY

PART NO.	DESCRIPTION
63-47	ADAPTER
63-87	VALVE REPAIR KIT
66-31	CLOSE NIPPLE
66-153	PIPE PLUG & O-RING
93-44	PIPE TO GARDEN HOSE ADAPTER
100-11P	FOOT VALVE
100-12	VINYL TUBE (1/4 ID X 8' LG.)
100-38	INLET SCREEN
150-6	GARDEN HOSE RUBBER WASHER

ACCESSORIES

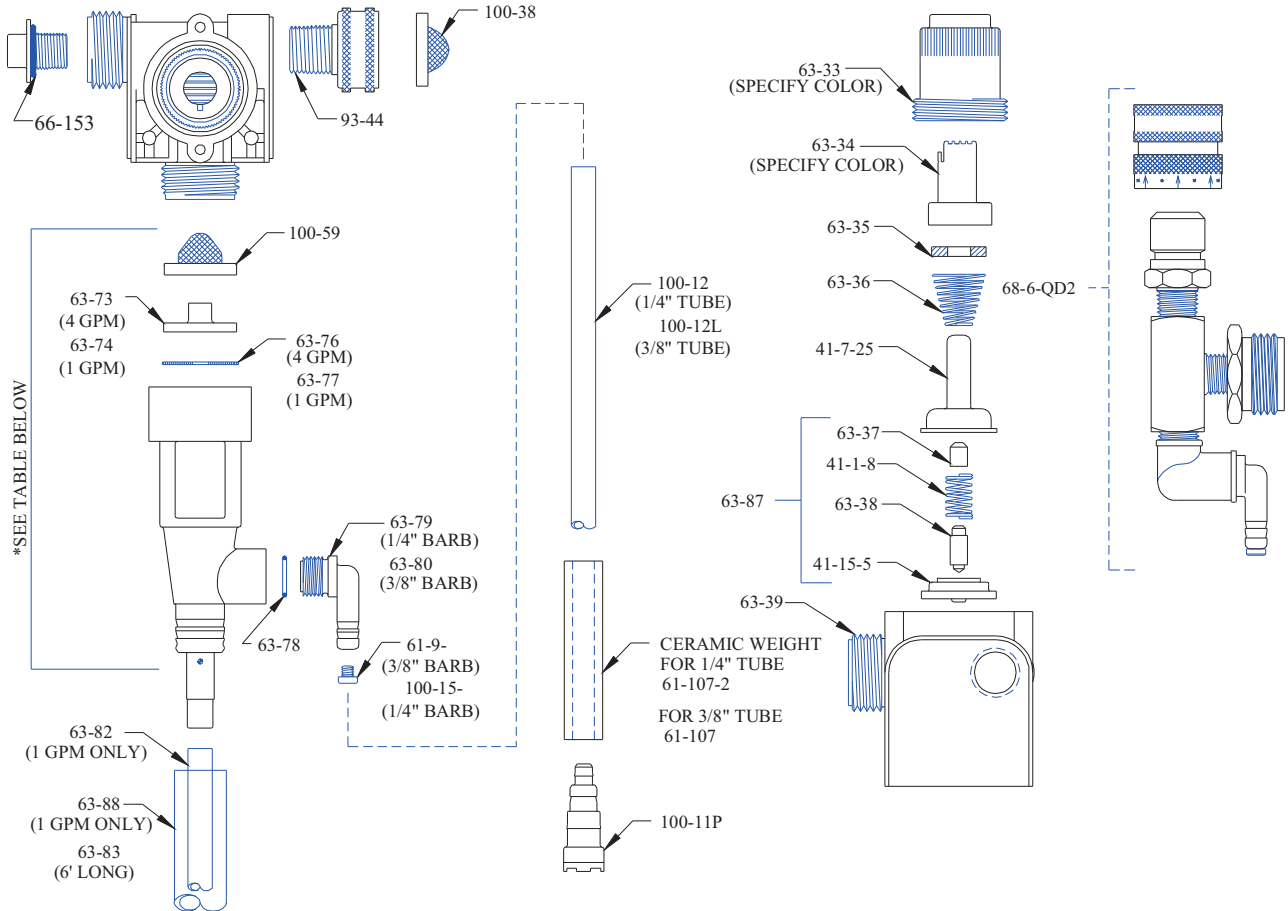
61-25-5	FRESH WATER OUTLET KIT
61-32B	1 GPM PROPORTIONER
100-15K	METERING TIP KIT (13 SIZES)
163CB	MEDIUM CAPACITY PROPORTIONER
163CH	HIGH CAPACITY PROPORTIONER

BLEND CENTER, MODEL 681-4



PART NO.	DESCRIPTION	PART NO.	DESCRIPTION
34-22-4	SIPHON BREAKER	66-47	ADAPTER
41-1-8	KICK-OFF SPRING	66-153	PIPE PLUG & O-RING
41-7-25	ENCLOSING TUBE	93-44	PIPE TO GARDEN HOSE ADAPTER
41-15-5	DIAPHRAGM	100-11P	FOOT VALVE
61-7	VINYL TUBE (1/2 ID X 20' LG.)	100-12	VINYL TUBE (1/4 ID X 8' LG.)
61-11	SNAP BUSHING	100-38	INLET SCREEN
61-22-3	PROPORTIONER	150-6	GARDEN HOSE RUBBER WASHER
61-107-2	CERAMIC WEIGHT	ACCESSORIES	
63-33	MAGNET HOUSING (SPECIFY COLOR)		
66-140	PUSH BUTTON (SPECIFY COLOR)		
63-35	MAGNET		
63-36	SPRING		
63-37	SPACER	61-25-5	FRESH WATER OUTLET KIT
63-38	PLUNGER	61-32B	1 GPM PROPORTIONER
63-39	VALVE BODY	100-15K	METERING TIP KIT (14 SIZES)
66-31	CLOSE NIPPLE	163CB	MEDIUM CAPACITY PROPORTIONER
		163CH	HIGH CAPACITY PROPORTIONER

DEMA 681AG-1 BLEND CENTER



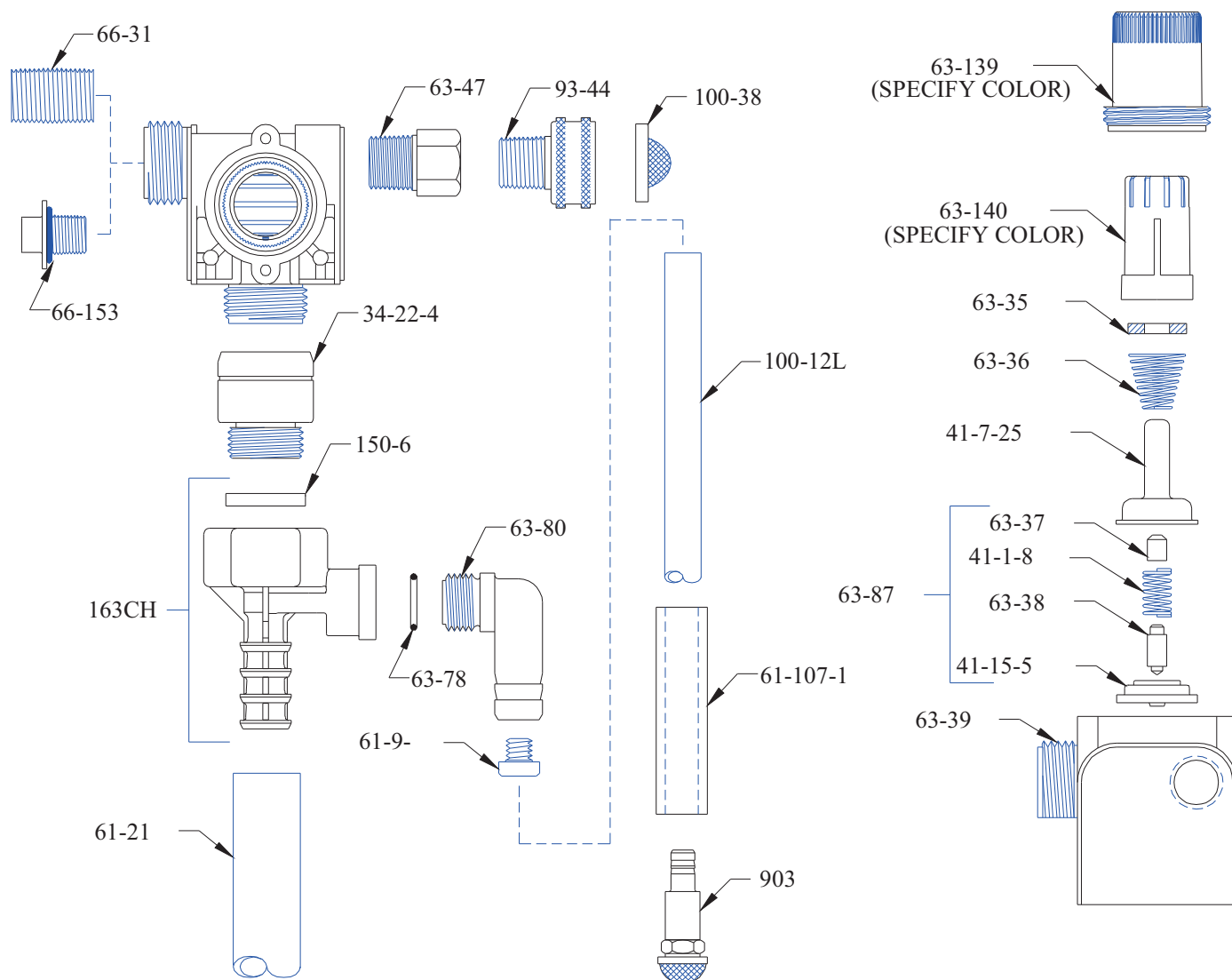
PART NO.	DESCRIPTION
41-1-8	KICK-OFF SPRING
41-7-25	ENCLOSING TUBE
41-15-5	DIAPHRAGM
61-9-	METERING TIP (SPECIFY COLOR)-3/8 BARB
61-22AG-4	*4 GPM (3/8" BARB) PROPORTIONER ASSY
61-22BAG-4	*4 GPM (1/4" BARB) PROPORTIONER ASSY
61-32AG-1	*1 GPM (3/8" BARB) PROPORTIONER ASSY
61-32BAG-1	*1 GPM (1/4" BARB) PROPORTIONER ASSY
61-107	CERAMIC WEIGHT (FOR 3/8" TUBE)
61-107-2	CERAMIC WEIGHT (FOR 1/4" TUBE)
63-33	MAGNET HOUSING (SPECIFY COLOR)
63-34	PUSH BUTTON (SPECIFY COLOR)
63-35	MAGNET
63-36	SPRING
63-37	SPACER
63-38	PLUNGER
63-39	VALVE BODY
63-73	NOZZLE (4 GPM)
63-74	NOZZLE (1 GPM)
63-76	SCREEN (4 GPM)
63-77	SCREEN (1 GPM)
63-78	O-RING

PART NO.	DESCRIPTION
63-79	INLET BARB (1/4")
63-80	INLET BARB (3/8")
63-82	VINYL TUBE (3/16" ID X 7" LG) 1 GPM ONLY
63-83	VINYL TUBE (9/16" ID X 6' LG)
63-87	VALVE REPAIR KIT
63-88	VINYL TUBE (9/16" ID X 4" LG) 1 GPM ONLY
66-153	PIPE PLUG & O-RING
93-44	PIPE TO GARDEN HOSE ADAPTOR
100-12L	VINYL TUBE (3/8" ID X 8' LG.)
100-11P	FOOT VALVE
100-12	VINYL TUBE (1/4" ID X 8' LG.)
100-15-	VINYL TUBE (1/4" ID X 8' LG.)
100-38	STRAINER WASHER
100-59	STRAINER WASHER

ACCESSORIES

61-9K	METERING TIP KIT (15 SIZES)
61-25-2	FRESH WATER OUTLET KIT
68-6-QD2	PRESSURE INDICATING TEE
100-15K	METERING TIP KIT (14 SIZES)

BLEND CENTER, MODEL 681-3P-163CH



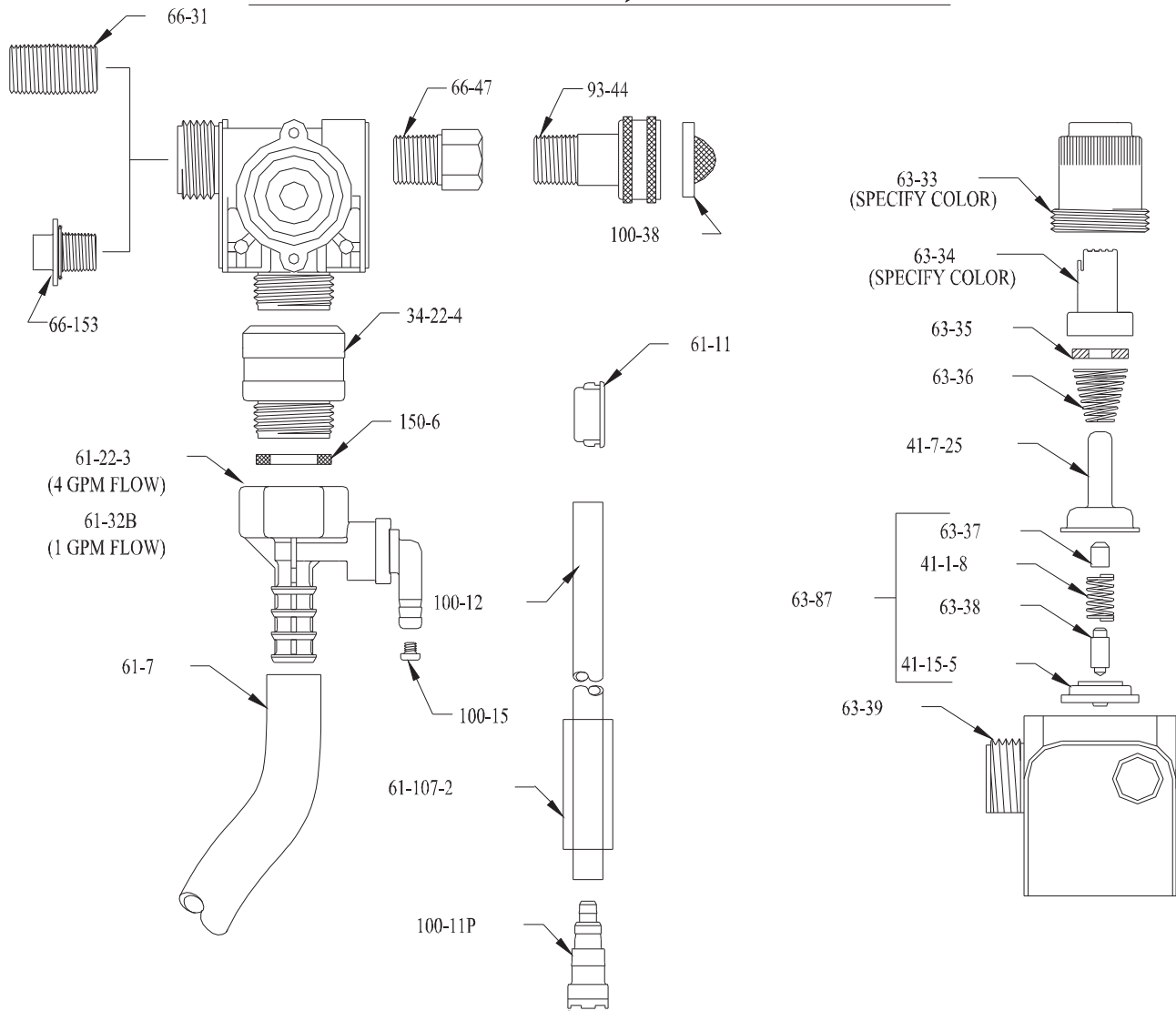
PART NO.	DESCRIPTION
34-22-4	VACUUM BREAKER
41-1-8	KICK-OFF SPRING
41-7-25	ENCLOSING TUBE
41-15-5	DIAPHRAGM
61-9	METERING TIP (SPECIFY COLOR)
61-21	VINYL TUBE (9/16 ID X 5' LG)
61-107-1	CERAMIC WEIGHT (3/8" TUBE)
63-35	MAGNET
63-36	SPRING
63-37	SPACER
63-38	PLUNGER

PART NO.	DESCRIPTION
63-39	VALVE BODY
63-47	ADAPTER
63-78	O-RING
63-80	INLET BARB (3/8")
63-87	VALVE REPAIR KIT
66-31	CLOSE NIPPLE
66-139	MAGNET HOUSING (SPECIFY COLOR)
66-140	PUSH BUTTON (SPECIFY COLOR)
66-153	PIPE PLUG AND O-RING
93-44	PIPE TO GARDEN HOSE ADAPTOR
100-12L	VINYL TUBE 3/8" ID X 8' LG.
163CH	HI-CAPACITY PROPORTIONER

ACCESSORIES

61-9K	METERING TIP KIT (15 SIZES)
61-25-5	FRESH WATER OUTLET KIT

BLEND CENTER, MODEL 681-5



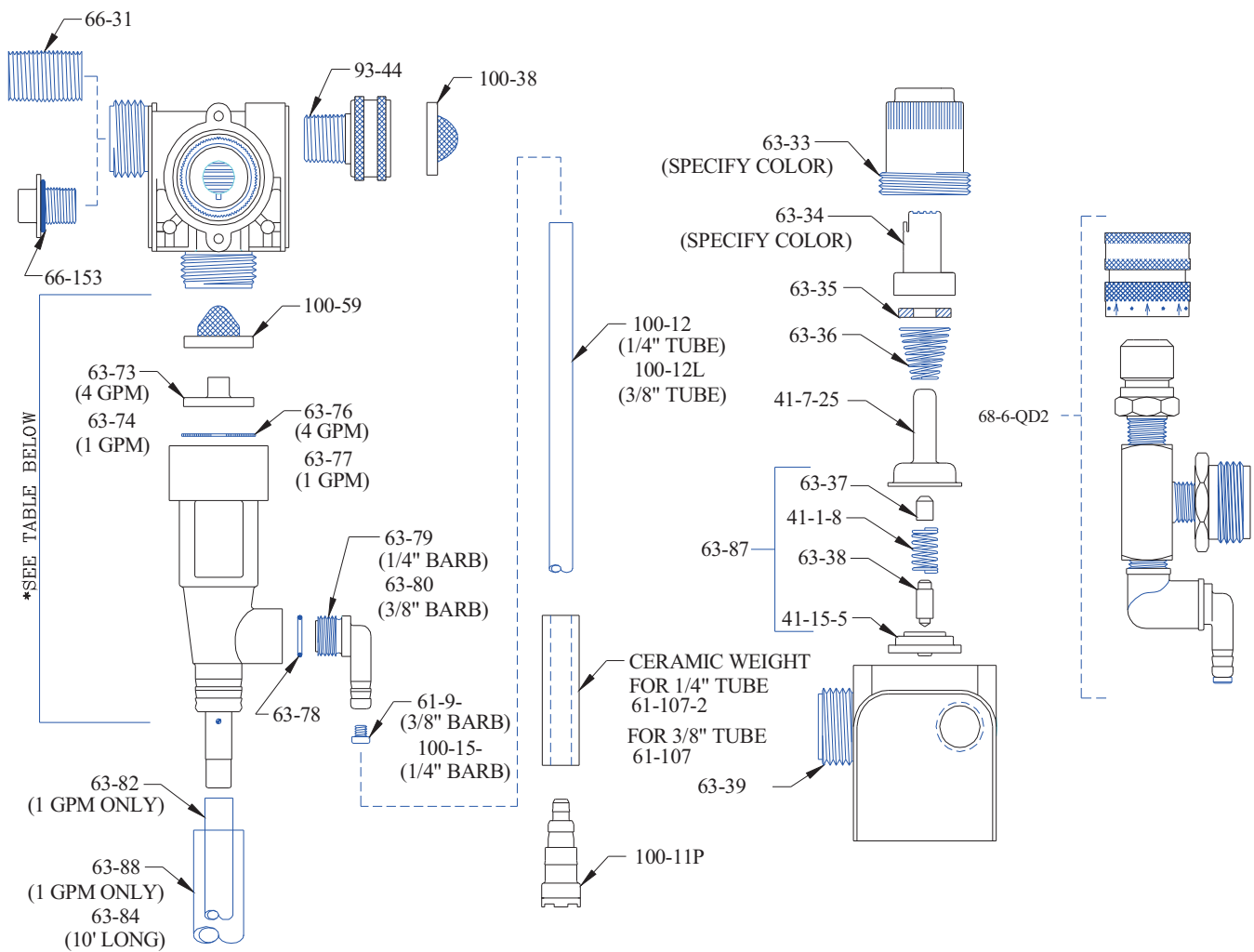
PART NO.	DESCRIPTION
34-22-4	SIPHON BREAKER
41-1-8	KICK-OFF SPRING
41-7-25	ENCLOSING TUBE
41-15-5	DIAPHRAGM
61-7	VINYL TUBE (1/2 ID X 20' LG.)
61-11	SNAP BUSHING
61-22-3	PROPORTIONER
61-107-2	CERAMIC WEIGHT
63-33	MAGNET HOUSING (SPECIFY COLOR)
63-34	PUSH BUTTON (SPECIFY COLOR)
63-35	MAGNET
63-36	SPRING
63-37	SPACER
63-38	PLUNGER
63-39	VALVE BODY
63-87	VALVE REPAIR KIT

PART NO.	DESCRIPTION
66-31	CLOSE NIPPLE
66-47	ADAPTER
66-153	PIPE PLUG
93-44	PIPE TO GARDEN HOSE ADAPTER
100-11P	FOOT VALVE
100-12	VINYL TUBE (1/4 ID X 8' LG.)
100-38	INLET SCREEN
150-6	GARDEN HOSE RUBBER WASHER

ACCESSORIES

61-25-5	FRESH WATER OUTLET KIT
61-32B	1 GPM PROPORTIONER
100-15K	METERING TIP KIT (14 SIZES)
163CB	MEDIUM CAPACITY PROPORTIONER
163CH	HIGH CAPACITY PROPORTIONER

DEMA 681AG-2 BLEND CENTER



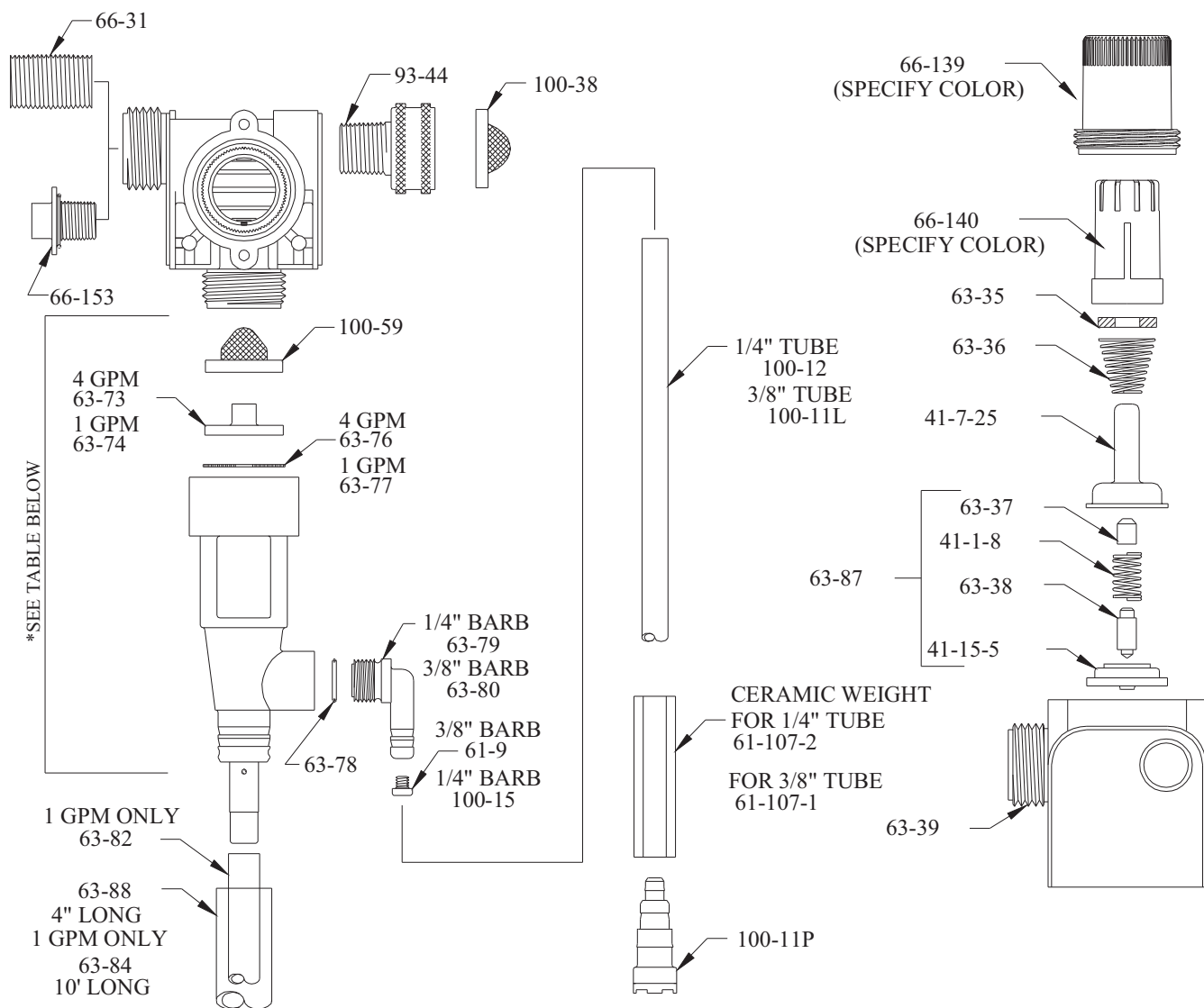
PART NO.	DESCRIPTION
41-1-8	KICK-OFF SPRING
41-7-25	ENCLOSING TUBE
41-15-5	DIAPHRAGM
61-9-	METERING TIP (SPECIFY COLOR)-3/8 BARB
61-22AG-4	*4-GPM (3/8" BARB) PROPORTIONER ASSY.
61-22BAG-4	*4-GPM (1/4" BARB) PROPORTIONER ASSY.
61-32AG-1	*1-GPM (3/8" BARB) PROPORTIONER ASSY.
61-32BAG-1	*1-GPM (1/4" BARB) PROPORTIONER ASSY.
61-107	CERAMIC WEIGHT (FOR 3/8" TUBE)
61-107-2	CERAMIC WEIGHT (FOR 1/4" TUBE)
63-33	MAGNET HOUSING (SPECIFY COLOR)
63-34	PUSH BUTTON (SPECIFY COLOR)
63-35	MAGNET
63-36	SPRING
63-37	SPACER
63-38	PLUNGER
63-39	VALVE BODY
63-73	NOZZLE (4 GPM)
63-74	NOZZLE (1 GPM)
63-76	SCREEN (4 GPM)
63-77	SCREEN (1 GPM)

PART NO.	DESCRIPTION
63-78	O-RING
63-79	INLET BARB (1/4" BARB)
63-80	INLET BARB (3/8" BARB)
63-82	VINYL TUBE (3/16" ID X 7" LG) 1 GPM ONLY
63-84	VINYL TUBE (9/16 ID X 10' LG)
63-87	VALVE REPAIR KIT
63-88	VINYL TUBE (9/16" ID X 4" LG) 1 GPM ONLY
66-31	CLOSE NIPPLE
66-153	PIPE PLUG & O-RING
93-44	PIPE TO GARDEN HOSE ADAPTOR
100-11P	FOOT VALVE
100-12	VINYL TUBE (1/4 ID X 8' LG.)
100-12L	VINYL TUBE (3/8" ID X 8' LG.)
100-15-	METERING TIP (SPECIFY COLOR)-1/4 BARB
100-38	STRAINER WASHER
100-59	STRAINER WASHER

ACCESSORIES

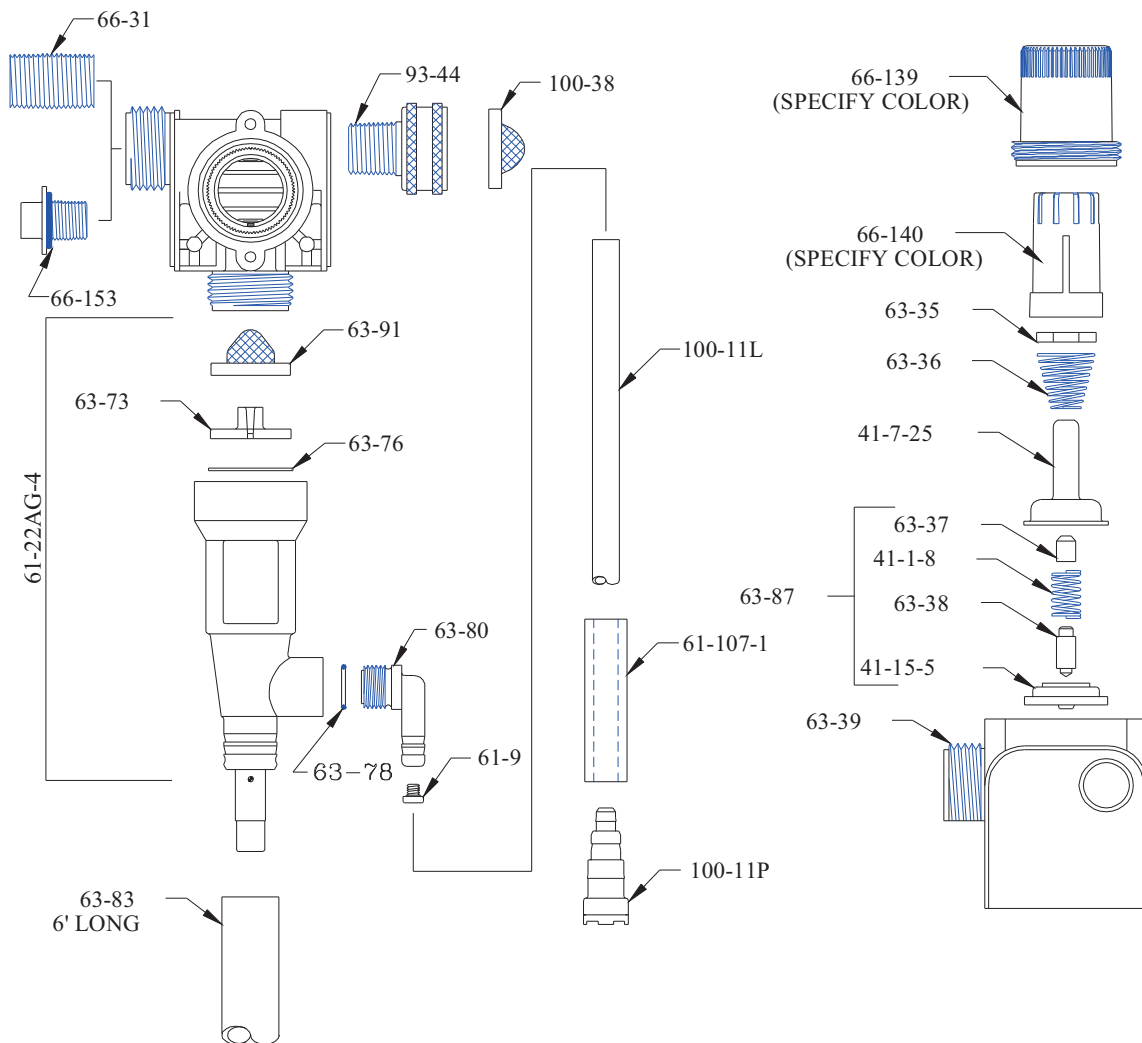
61-9K	METERING TIP KIT (15 SIZES)
61-25-2	FRESH WATER OUTLET KIT
68-6-QD2	PRESSURE INDICATING TEE
100-15K	METERING TIP KIT (14 SIZES)

BLEND CENTER, MODEL 681AG-2P



PART NO.	DESCRIPTION	PART NO.	DESCRIPTION
41-1-8	KICK-OFF SPRING	63-82	VINYL TUBE (3/16" ID X 7" LG) 1 GPM ONLY
41-7-25	ENCLOSING TUBE	63-84	VINYL TUBE (9/16 ID X 10' LG)
41-15-5	DIAPHRAGM	63-87	VALVE REPAIR KIT
61-22AG-4	*4-GPM (3/8" BARB) PROPORTIONER ASSY.	63-88	VINYL TUBE (9/16" ID X 4" LG) 1 GPM ONLY
61-22BAG-4	*4-GPM (1/4" BARB) PROPORTIONER ASSY.	66-31	CLOSE NIPPLE
61-32AG-1	*1-GPM (3/8" BARB) PROPORTIONER ASSY.	66-139	MAGNET HOUSING (SPECIFY COLOR)
61-32BAG-1	*1-GPM (1/4" BARB) PROPORTIONER ASSY.	66-140	PUSH BUTTON (SPECIFY COLOR)
61-107-1	CERAMIC WEIGHT (FOR 3/8" TUBE)	66-153	PIPE PLUG & O-RING
61-107-2	CERAMIC WEIGHT (FOR 1/4" TUBE)	93-44	PIPE TO GARDEN HOSE ADAPTOR
63-35	MAGNET	100-11L	VINYL TUBE 3/8" ID X 8' LG.
63-36	SPRING	100-11P	FOOT VALVE
63-37	SPACER	100-12	VINYL TUBE (1/4 ID X 8' LG.)
63-38	PLUNGER	100-38	INLET WASHER SCREEN
63-39	VALVE BODY	100-59	STRAINER WASHER
63-73	NOZZLE (4 GPM)		
63-74	NOZZLE (1 GPM)		
63-76	SCREEN (4 GPM)		
63-77	SCREEN (1 GPM)		
63-78	O-RING	61-9K	METERING TIP KIT (15 SIZES)
63-79	INLET BARB (1/4")	61-25-2	FRESH WATER OUTLET KIT
63-80	INLET BARB (3/8")	100-15K	METERING TIP KIT (14 SIZES)

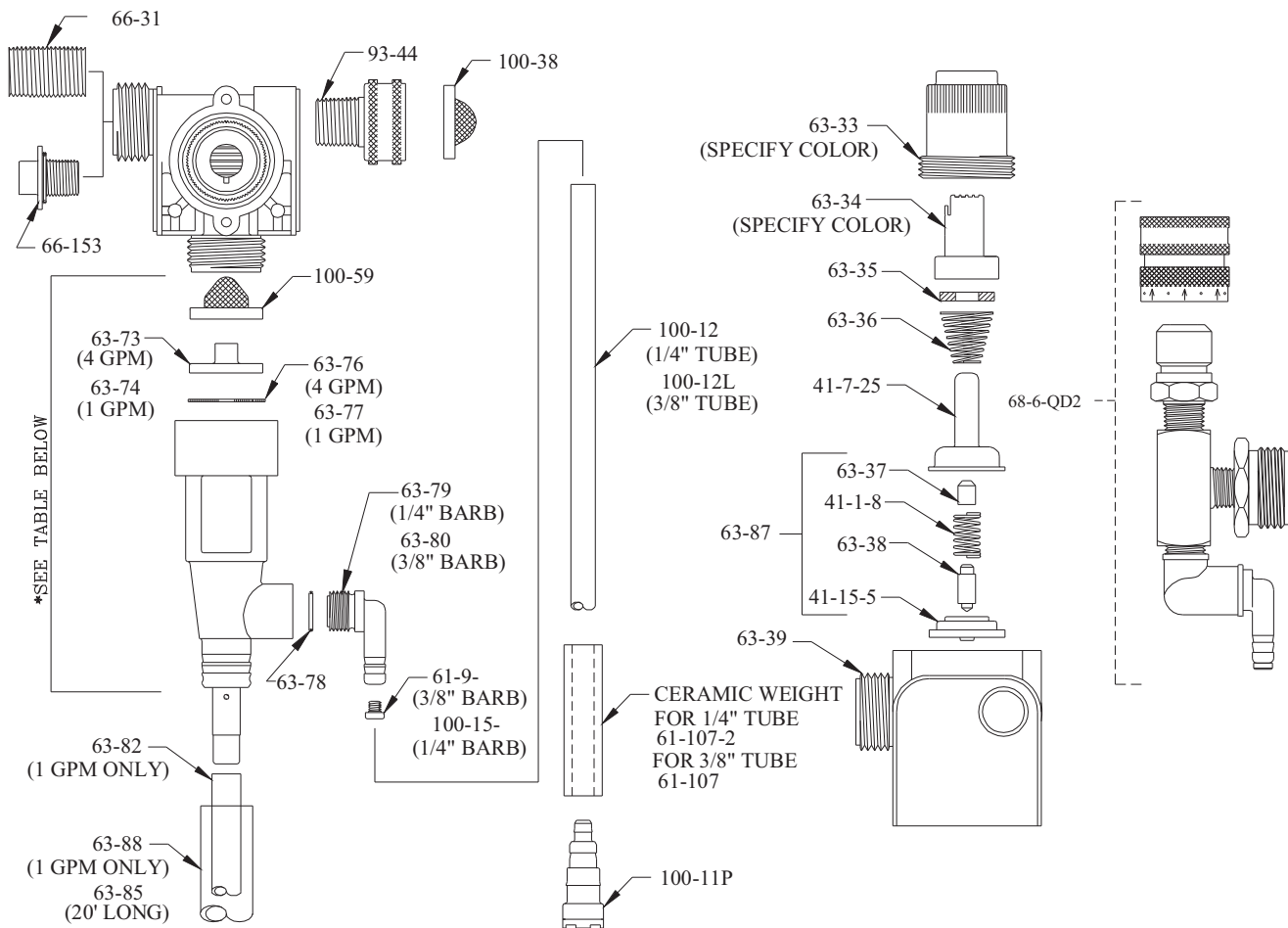
BLEND CENTER, MODEL 681AG-3CF



PART NO.	DESCRIPTION	PART NO.	DESCRIPTION
41-1-8	KICK-OFF SPRING	63-78	O-RING
41-7-25	ENCLOSING TUBE	63-80	INLET BARB (3/8")
41-15-5	DIAPHRAGM	63-82	VINYL TUBE (3/16" ID X 7" LG) 1 GPM ONLY
61-9K	METERING TIP (SPECIFY SIZE)	63-83	VINYL TUBE (9/16 ID X 6' LG)
61-22AG-4	4-GPM (3/8" BARB) PROPORTIONER ASSY.	63-87	VALVE REPAIR KIT
61-107-1	CERAMIC WEIGHT (3/8" TUBE)	63-91	SCREEN WASHER
63-35	MAGNET	66-31	CLOSE NIPPLE
63-36	SPRING	66-139	MAGNET HOUSING (SPECIFY COLOR)
63-37	SPACER	66-140	PUSH BUTTON (SPECIFY COLOR)
63-38	PLUNGER	66-153	PIPE PLUG & O-RING
63-39	VALVE BODY	93-44	PIPE TO GARDEN HOSE ADAPTOR
63-73	NOZZLE (4 GPM)	100-11L	VINYL TUBE 3/8" ID X 8' LG.
63-76	SCREEN (4 GPM)	100-11P	FOOT VALVE

PART NO.	ACCESSORIES
61-25-2	FRESH WATER OUTLET KIT

DEMA 681AG-3 BLEND CENTER



PART NO.	DESCRIPTION
41-1-8	KICK-OFF SPRING
41-7-25	ENCLOSING TUBE
41-15-5	DIAPHRAGM
61-9-	METERING TIP (SPECIFY COLOR)-3/8 BARB
61-22-3AG	*4 GPM (3/8" BARB) PROPORTIONER ASSY.
61-22-3BAG	*4 GPM (1/4" BARB) PROPORTIONER ASSY.
61-32AG	*1 GPM (3/8" BARB) PROPORTIONER ASSY.
61-32BAG	*1 GPM (1/4" BARB) PROPORTIONER ASSY.
61-107	CERAMIC WEIGHT (FOR 3/8" TUBE)
61-107-2	CERAMIC WEIGHT (FOR 1/4" TUBE)
63-33	MAGNET HOUSING (SPECIFY COLOR)
63-34	PUSH BUTTON (SPECIFY COLOR)
63-35	MAGNET
63-36	SPRING
63-37	SPACER
63-38	PLUNGER
63-39	VALVE BODY
63-73	NOZZLE (4 GPM)
63-74	NOZZLE (1 GPM)
63-76	SCREEN(4 GPM)
63-77	SCREEN (1 GPM)
63-78	O-RING

PART NO.	DESCRIPTION
63-79	INLET BARB (1/4" BARB)
63-80	INLET BARB (3/8" BARB)
63-82	VINYL TUBE (3/16" ID X 7" LG) 1 GPM ONLY
63-85	VINYL TUBE (9/16 ID X 20' LG)
63-87	VALVE REPAIR KIT
63-88	VINYL TUBE (9/16" ID X 4" LG) 1 GPM ONLY
66-31	CLOSE NIPPLE
66-153	PIPE PLUG & O-RING
93-44	PIPE TO GARDEN HOSE ADAPTOR
100-11P	FOOT VALVE
100-12	VINYL TUBE (1/4" ID X 8' LG.)
100-12L	VINYL TUBE (3/8" ID X 8' LG.)
100-15-	METERING TIP (SPECIFY COLOR)-1/4 BARB
100-38	STRAINER WASHER
100-59	STRAINER WASHER

ACCESSORIES

61-9K	METERING TIP KIT (15 SIZES)
61-25-2	FRESH WATER OUTLET KIT
68-6-QD2	PRESSURE INDICATING TEE
100-15K	METERING TIP KIT (14 SIZES)

Exploded view diagram of a water meter assembly. The diagram shows the following components and their labels:

- 66-31**: Meter body (top view)
- 66-153**: Meter body (side view)
- 93-44**: Meter body (bottom view)
- 100-38**: Meter body (side view)
- 66-139 (SPECIFY COLOR)**: Meter body (top view)
- 66-140 (SPECIFY COLOR)**: Meter body (side view)
- 63-35**: Meter body (bottom view)
- 63-36**: Meter body (side view)
- 41-7-25**: Meter body (bottom view)
- 63-37**: Meter body (side view)
- 41-1-8**: Meter body (bottom view)
- 63-38**: Meter body (side view)
- 41-15-5**: Meter body (bottom view)
- 63-87**: Meter body (side view)
- 63-39**: Meter body (bottom view)
- 100-11P**: Meter body (side view)
- 4 GPM 63-73**: Meter body (bottom view)
- 1 GPM 63-74**: Meter body (side view)
- 4 GPM 63-76**: Meter body (bottom view)
- 1 GPM 63-77**: Meter body (side view)
- 1/4" BARB 63-79**: Meter body (bottom view)
- 3/8" BARB 63-80**: Meter body (side view)
- 3/8" BARB 61-9**: Meter body (bottom view)
- 1/4" BARB 100-15**: Meter body (side view)
- 63-78**: Meter body (bottom view)
- 1 GPM ONLY 63-82**: Meter body (side view)
- 1 GPM ONLY 63-88**: Meter body (bottom view)
- 4" LONG**: Meter body (side view)
- 63-85 20' LONG**: Meter body (bottom view)
- 1/4" TUBE 100-12**: Meter body (side view)
- 3/8" TUBE 100-11L**: Meter body (bottom view)
- CERAMIC WEIGHT FOR 1/4" TUBE 61-107-2**: Meter body (side view)
- FOR 3/8" TUBE 61-107-1**: Meter body (bottom view)

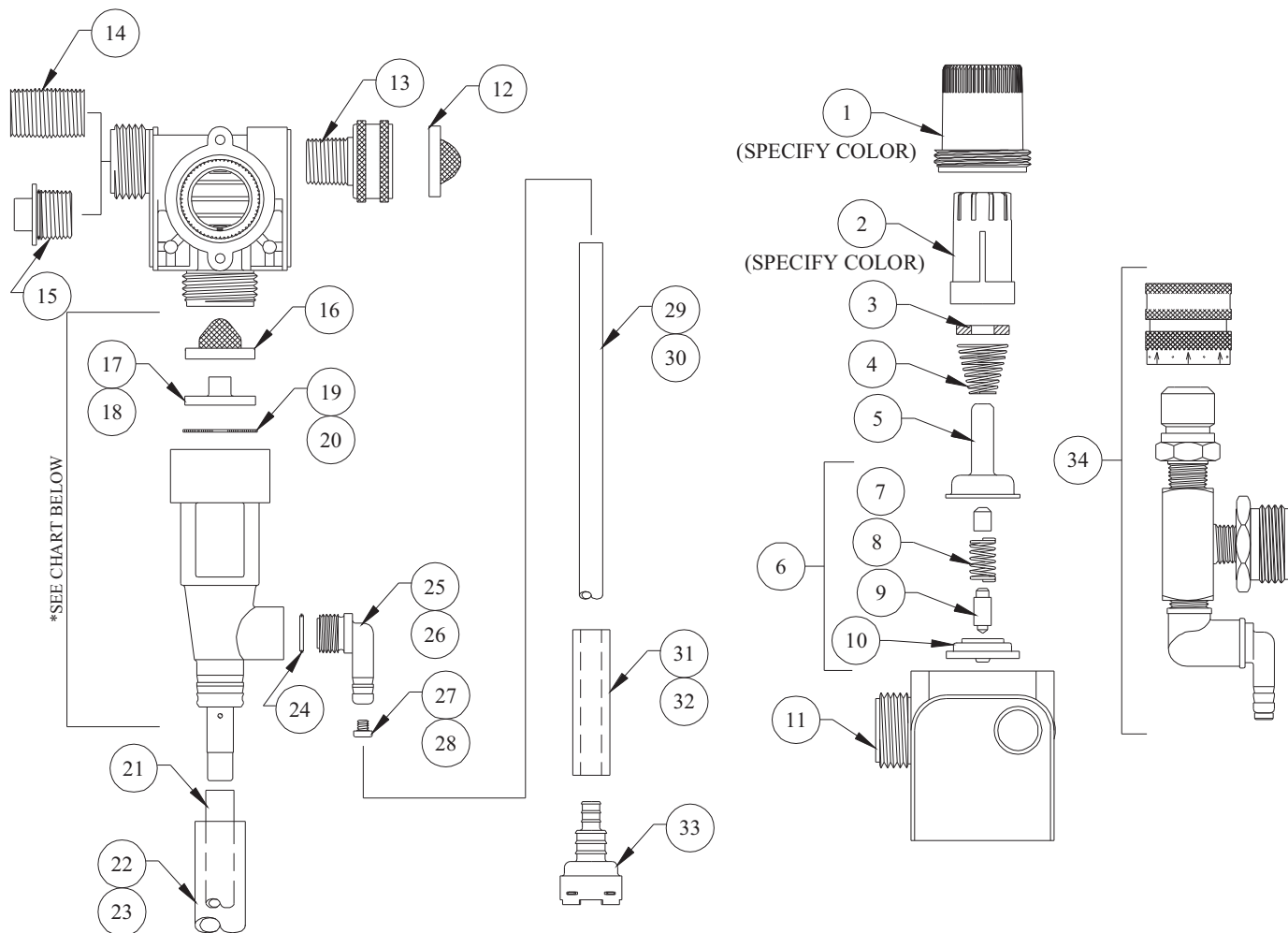
*SEE TABLE BELOW

PART NO.	DESCRIPTION
41-1-8	KICK-OFF SPRING
41-7-25	ENCLOSING TUBE
41-15-5	DIAPHRAGM
61-22AG	*4 GPM (3/8" BARB) PROPORTIONER ASSY.
61-22BAG	*4 GPM (1/4" BARB) PROPORTIONER ASSY.
61-32AG	*1 GPM (3/8" BARB) PROPORTIONER ASSY.
61-32BAG	*1 GPM (1/4" BARB) PROPORTIONER ASSY.
61-107-1	CERAMIC WEIGHT (FOR 3/8" TUBE)
61-107-2	CERAMIC WEIGHT (FOR 1/4" TUBE)
63-35	MAGNET
63-36	SPRING
63-37	SPACER
63-38	PLUNGER
63-39	VALVE BODY
63-73	NOZZLE (4 GPM)
63-74	NOZZLE (1 GPM)
63-76	SCREEN (4 GPM)
63-77	SCREEN (1 GPM)
63-78	O-RING
63-79	INLET BARB (1/4")

PART NO.	DESCRIPTION
63-80	INLET BARB (3/8")
63-82	VINYL TUBE (3/16" ID X 7" LG) 1 GPM ONLY
63-85	VINYL TUBE (9/16 ID X 20' LG)
63-87	VALVE REPAIR KIT
63-88	VINYL TUBE (9/16" ID X 4" LG) 1 GPM ONLY
66-31	CLOSE NIPPLE
66-139	MAGNET HOUSING (SPECIFY COLOR)
66-140	PUSH BUTTON (SPECIFY COLOR)
66-153	PIPE PLUG
93-44	PIPE TO GARDEN HOSE ADAPTOR
100-11L	VINYL TUBE (3/8" ID X 8' LG.)
100-11P	FOOT VALVE
100-12	VINYL TUBE (1/4 ID X 8' LG.)
100-38	INLET WASHER SCREEN
100-59	SCREEN WASHER

ACCESSORIES	
61-9K	METERING TIP KIT (15 SIZES)
61-25-2	FRESH WATER OUTLET KIT
100-15K	METERING TIP KIT (14 SIZES)

DEMA 681AG-4 BLEND CENTER



NO.	PART NO.	DESCRIPTION
1	66-139	Magnet Housing (Specify Color)
2	66-140	Push Button (Specify Color)
3	63-35	Magnet
4	63-36	Spring
5	41-7-25	Enclosing Tube
6	63-87	Valve Repair Kit
7	63-37	Spacer
8	41-1-8	Kick-off spring
9	63-38	Plunger
10	41-15-5	Diaphragm
11	63-39	Valve Body
12	100-38	Strainer Washer
13	93-44	Pipe To Garden Hose Adaptor
14	66-31	Close Nipple
15	66-153	Pipe Plug & O-Ring Assy.
16	100-59	Strainer Washer
17	63-73	Nozzle (4 GPM)

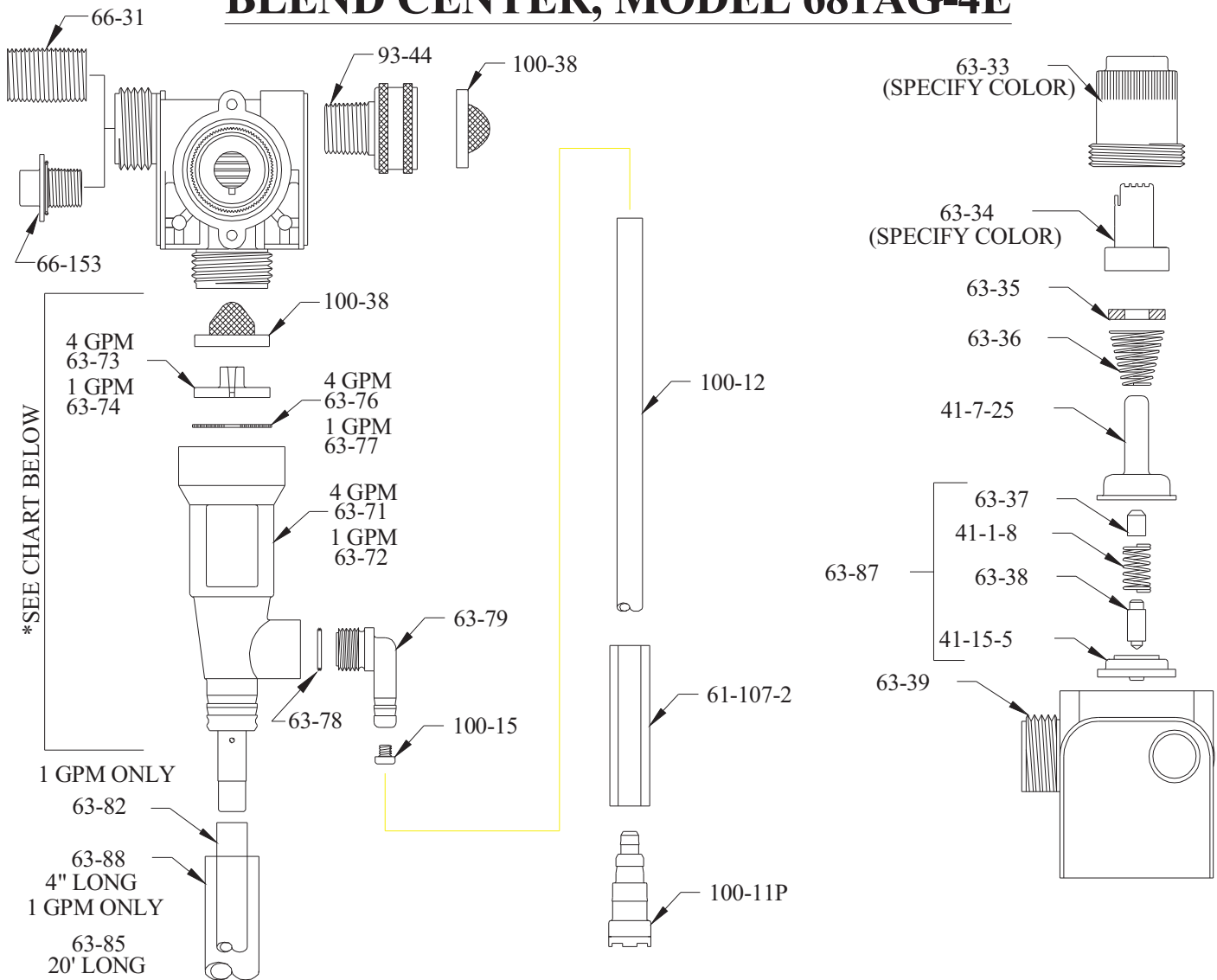
NO.	PART NO.	DESCRIPTION
18	63-74	Nozzle (1 GPM)
19	63-76	Screen (4 GPM)
20	63-77	Screen (1 GPM)
21	63-82	3/16" I.D. X 7" Lg. Vinyl Outlet Tube (1 GPM Only)
22	63-88	9/16" ID X 4" Lg. Vinyl Outlet Tube (1 GPM Only)
23	63-85	9/16" ID X 20' Lg. Vinyl Outlet Tube
24	63-78	O-Ring
25	63-79	Inlet Barb (1/4" Barb)
26	63-80	Inlet Barb (3/8" Barb)
27	100-15-	Metering Tip - (Specify Color) (1/4" Barb)
28	61-9-	Metering Tip - (Specify Color) (3/8" Barb)
29	100-12	1/4" ID X 8' Lg. Vinyl Supply Tubing
30	100-12L	3/8" ID X 8' Lg. Vinyl Supply Tubing
31	61-107-2	Ceramic Weight (For 1/4" Tube)
32	61-107	Ceramic Weight (For 3/8" Tube)
33*	100-16E-1	Foot Valve

ACCESSORIES

QTY.	PART NO.	DESCRIPTION
34	68-6-QD2	Pressure Indicating Tee
35	61-9K	Metering Tip Kit (15 Sizes)
36	61-25-2	Fresh Water Outlet Kit
37	100-15K	Metering Tip Kit (14 Sizes)

*Foot Valve also available with silicone (100-16S-1) or Viton (100-16V-1 rubber seals. Please specify material when ordering.

BLEND CENTER, MODEL 681AG-4E



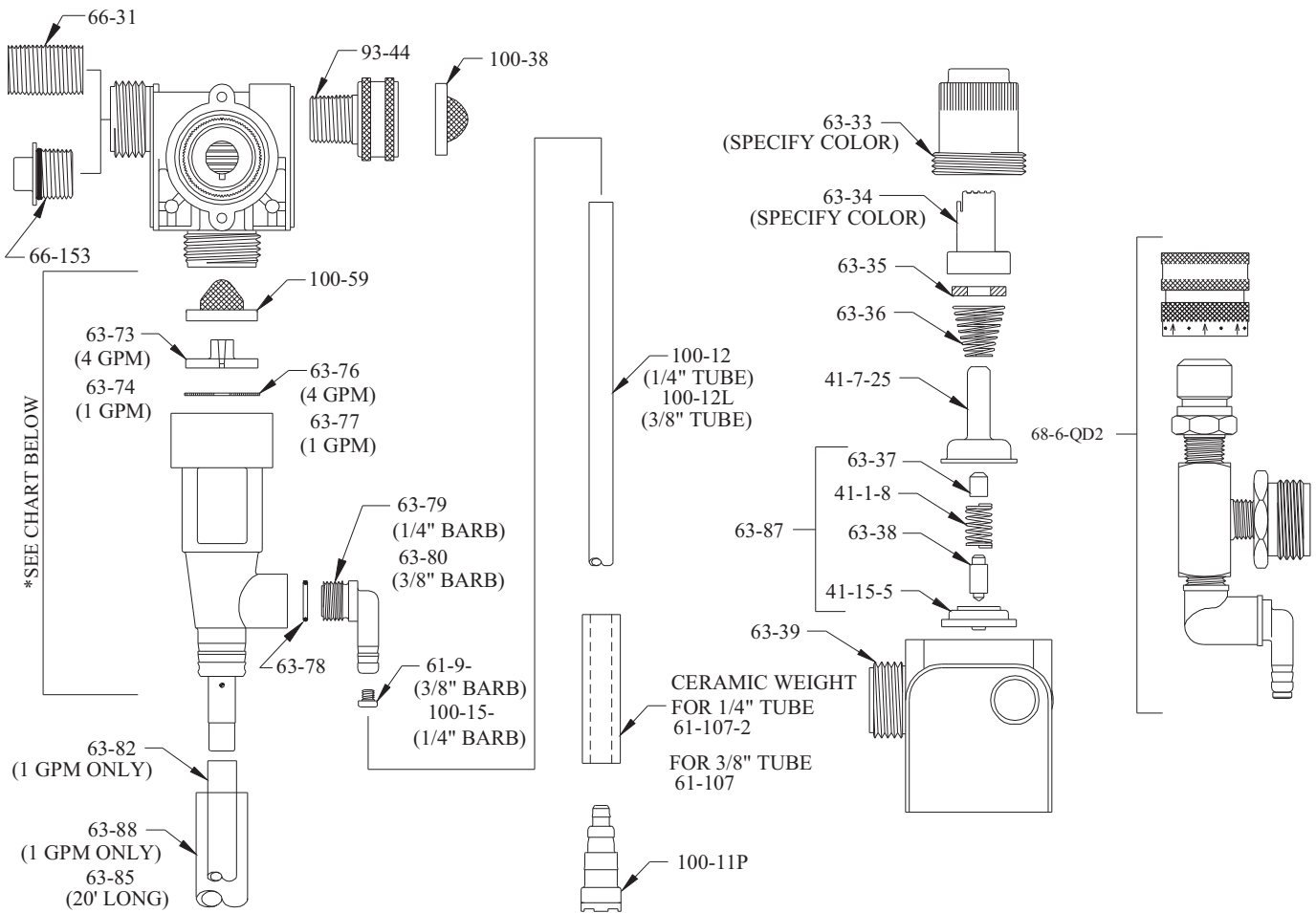
PART NO.	DESCRIPTION
41-1-8	KICK-OFF SPRING
41-7-25	ENCLOSING TUBE
41-15-5	DIAPHRAGM
61-22BAG-4	*4-GPM (1/4" BARB) PROPORTIONER ASSY.
61-32BAG-1	*1 GPM (1/4" BARB) PROPORTIONER ASSY.
61-107-2	CERAMIC WEIGHT (1/4" TUBE)
63-33	MAGNET HOUSING (SPECIFY COLOR)
63-34	PUSH BUTTON (SPECIFY COLOR)
63-35	MAGNET
63-36	SPRING
63-37	SPACER
63-38	PLUNGER
63-39	VALVE BODY
63-71	PROPORTIONER BODY (4 GPM)
63-72	PROPORTIONER BODY (1 GPM)
63-73	NOZZLE (4 GPM)
63-74	NOZZLE (1 GPM)
63-76	SCREEN (4 GPM)
63-77	SCREEN (1 GPM)
63-78	O-RING
63-79	INLET BARB (1/4")

PART NO.	DESCRIPTION
63-82	VINYL TUBE (3/16" ID X 7" LG) 1 GPM ONLY
63-85	VINYL TUBE (9/16 ID X 20' LG)
63-87	VALVE REPAIR KIT
63-88	VINYL TUBE (9/16" ID X 4" LG) 1 GPM ONLY
66-31	CLOSE NIPPLE
66-153	PIPE PLUG & O-RING
93-44	PIPE TO GARDEN HOSE ADAPTOR
100-11P	FOOT VALVE
100-12	VINYL TUBE (1/4 ID X 8' LG.)
100-38	INLET SCREEN

ACCESSORIES

61-25-2	FRESH WATER OUTLET KIT
100-15K	METERING TIP SPECIFY SIZE

DEMA 681-5AG BLEND CENTER



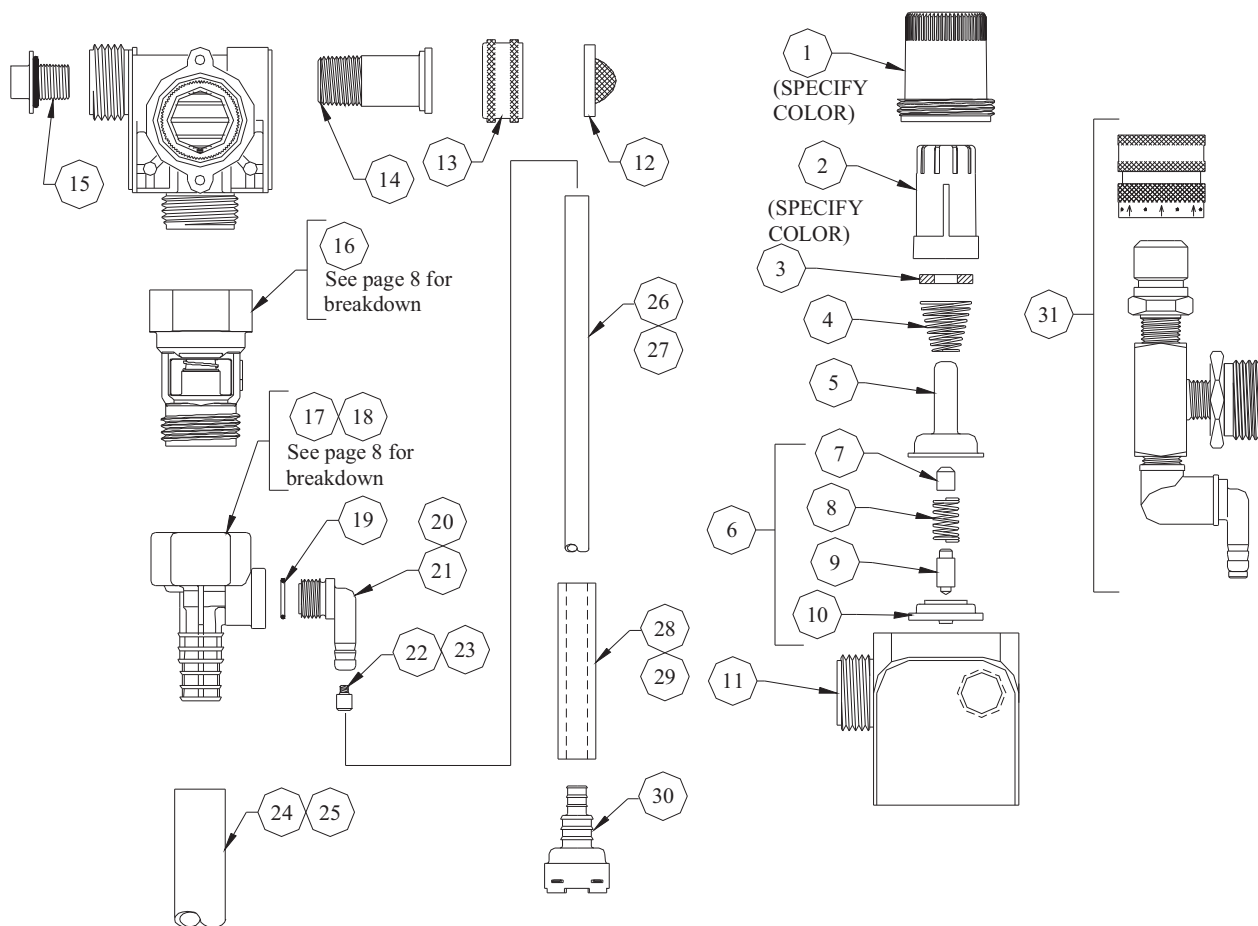
PART NO.	DESCRIPTION
41-1-8	KICK-OFF SPRING
41-7-25	ENCLOSING TUBE
41-15-5	DIAPHRAGM
61-9-	METERING TIP (SPECIFY COLOR)-3/8 BARB
61-22AG-4	*4-GPM (3/8" BARB) PROPORTIONER ASSY.
61-22BAG-4	*4-GPM (1/4" BARB) PROPORTIONER ASSY.
61-32AG-1	*1 GPM (3/8" BARB) PROPORTIONER ASSY.
61-32BAG-1	*1 GPM (1/4" BARB) PROPORTIONER ASSY.
61-107	CERAMIC WEIGHT (FOR 3/8" TUBE)
61-107-2	CERAMIC WEIGHT (FOR 1/4" TUBE)
63-33	MAGNET HOUSING (SPECIFY COLOR)
63-34	PUSH BUTTON (SPECIFY COLOR)
63-35	MAGNET
63-36	SPRING
63-37	SPACER
63-38	PLUNGER
63-39	VALVE BODY
63-73	NOZZLE (4 GPM)
63-74	NOZZLE (1 GPM)
63-76	SCREEN (4 GPM)
63-77	SCREEN (1 GPM)
63-78	O-RING

PART NO.	DESCRIPTION
63-79	INLET BARB (1/4" BARB)
63-80	INLET BARB (3/8" BARB)
63-82	VINYL TUBE (3/16" ID X 7" LG) 1 GPM ONLY
63-85	VINYL TUBE (9/16 ID X 20' LG)
63-87	VALVE REPAIR KIT
63-88	VINYL TUBE (9/16" ID X 4" LG) 1 GPM ONLY
66-31	CLOSE NIPPLE
66-153	PIPE PLUG & O-RING
93-44	PIPE TO GARDEN HOSE ADAPTOR
100-11P	FOOT VALVE
100-12	VINYL TUBE (1/4" ID X 8' LG.)
100-12L	VINYL TUBE (3/8" ID X 8' LG.)
100-15-	METERING TIP (SPECIFY COLOR)-1/4 BARB
100-38	STRAINER WASHER
100-59	STRAINER WASHER

ACCESSORIES	
61-9K	METERING TIP KIT (15 SIZES)
61-25-2	FRESH WATER OUTLET KIT
68-6-QD2	PRESSURE INDICATING TEE
100-15K	METERING TIP KIT (14 SIZES)

DEMA BLEND CENTER

MODELS 681GAP-1, & 681GAP-4



NO.	PART NO.	DESCRIPTION
1	66-139	Magnet Housing (Specify Color)
2	66-140	Push Button (Specify Color)
3	63-35	Magnet
4	63-36	Spring
5	41-7-25	Enclosing Tube
6	63-87	Valve Repair Kit
7	63-37	Spacer
8	41-1-8	Kick-off Spring
9	63-38	Plunger
10	41-15-5	Diaphragm
11	63-39	Valve Body
12	100-38	Strainer Washer
13	65-10-2	Coupling
14	65-100-12	Swivel Adapter Stem
15	66-153	Pipe Plug & O-Ring Assy.

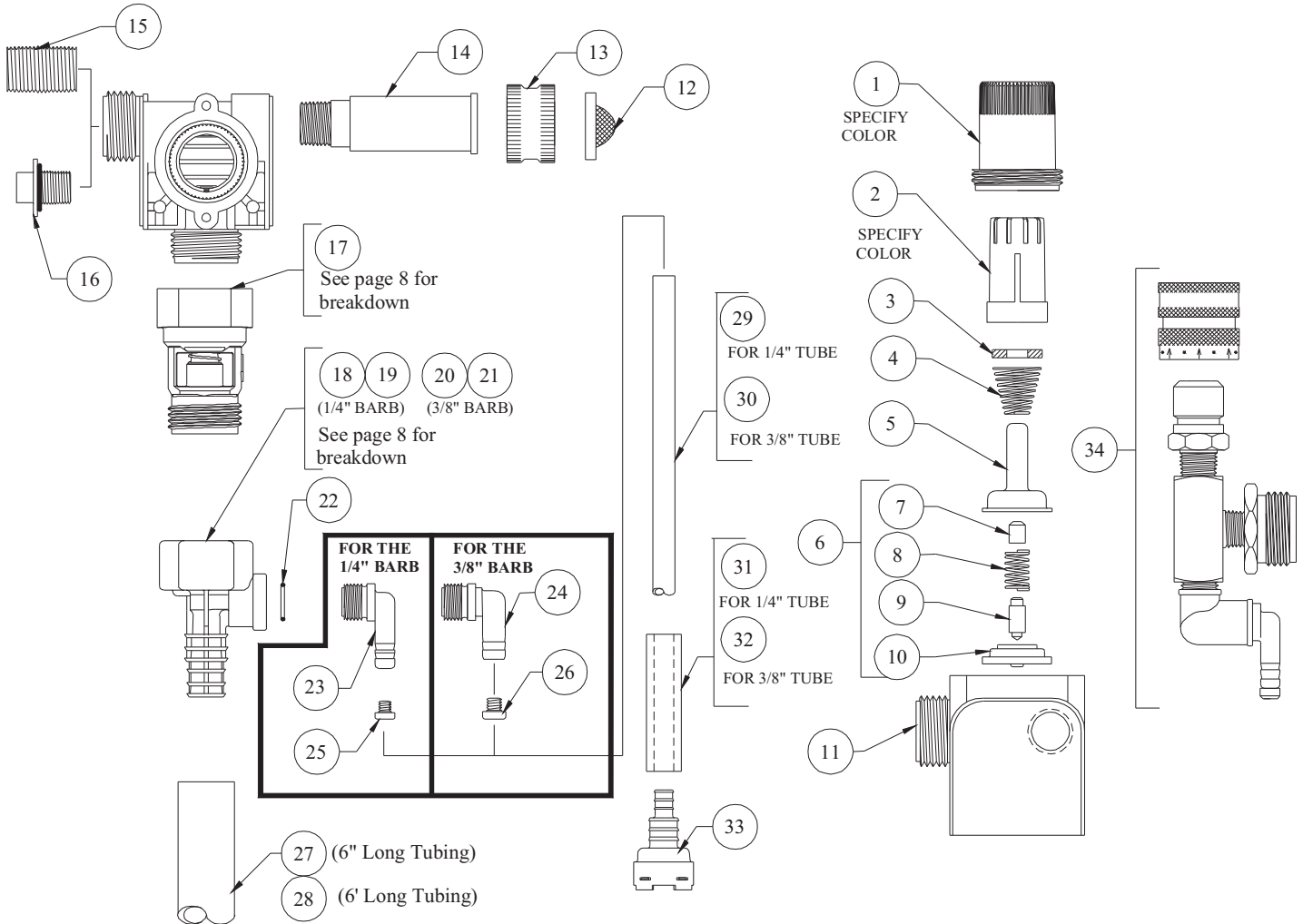
16	16-30	Action Gap Assembly
17	61-99-2 61-99-1	1GPM (1/4" Barb) Proportioner-Green 1GPM (3/8" Barb) Proportioner-Green
18	61-22-3 61-22-2	4GPM (1/4" Barb) Proportioner-Gray 4GPM (3/8" Barb) Proportioner-Gray
19	63-78	O-Ring
20	63-79	Inlet Barb (1/4" Barb)
21	63-80	Inlet Barb (3/8" Barb)
22	100-15K	Metering Tip Kit (1/4" Barb)
23	61-9K	Metering Tip Kit (3/8" Barb)
24	16-3-6	1/2" IDx 6" Lg. Vinyl Outlet Tube -1gpm
25	61-21	1/2" IDx 6' Lg. Vinyl Outlet Tube-4gpm
26	100-12	1/4" ID x 8' Lg. Vinyl Supply Tubing
27	100-12L	3/8" ID x 8' Lg. Vinyl Supply Tubing
28	61-107-2	Ceramic Weight (1/4" ID Tube)
29	61-107	Ceramic Weight (3/8" ID Tube)
30*	100-16E	Foot Valve

*Foot Valve also available with silicone (100-16S) or Viton (100-16V) rubber seals. Please specify material when ordering.

ACCESSORIES		
NO.	PART NO.	DESCRIPTION
31	68-6-QD2	Pressure Indication Tee

DEMA BLEND CENTER

MODEL: 681GAP-2



QTY.	PART NO.	DESCRIPTION
1	66-139	Magnet Housing (Specify Color)
2	66-140	Push Button (Specify Color)
3	63-35	Magnet
4	63-36	Spring
5	41-7-25	Enclosing Tube
6	63-87	Valve Repair Kit
7	63-37	Spacer
8	41-1-8	Kick-off spring
9	63-38	Plunger
10	41-15-5	Diaphragm
11	63-39	Valve Body
12	100-38	Strainer Washer
13	65-10-2	Coupling
14	65-14-2	Adapter Stem
15	66-31	Close Nipple
16	66-153	Pipe Plug & O-Ring Assy.
17	16-30	Action Gap Assembly

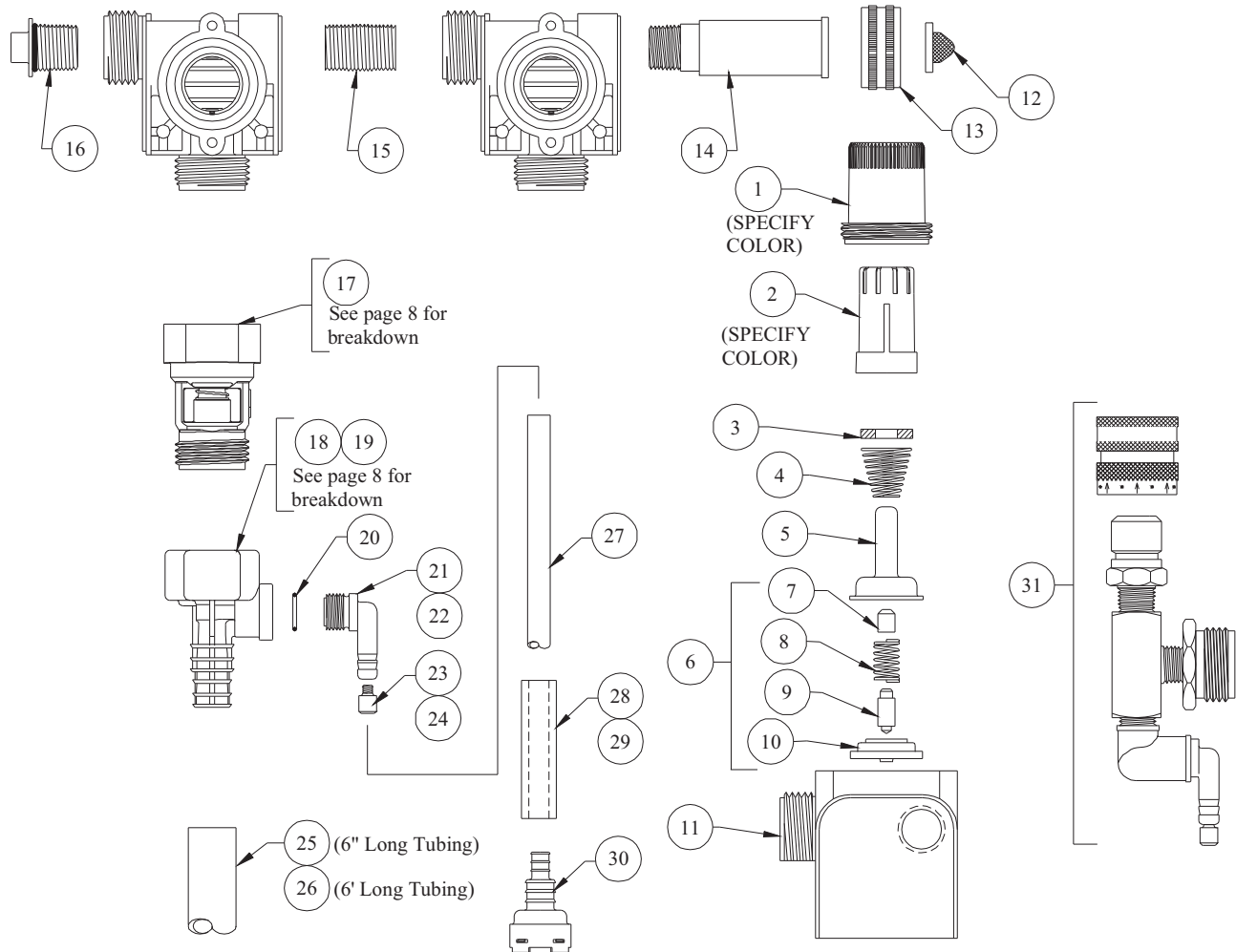
QTY.	PART NO.	DESCRIPTION
18	61-22GAP-2	4 GPM (1/4" Barb) Proportioner (Gray)
19	61-99GAP-2	1 GPM (1/4" Barb) Proportioner (Green)
20	61-22GAP-1	4 GPM (3/8" Barb) Proportioner (Gray)
21	61-99GAP-1	1 GPM (3/8" Barb) Proportioner (Green)
22	63-78	O-Ring
23	63-79	Inlet Barb (1/4" Barb)
24	63-80	Inlet Barb (3/8" Barb)
25	100-15K	Metering Tip Kit (14 Sizes) (1/4" Barb)
26	61-9K	Metering Tip Kit (15 Sizes) (3/8" Barb)
27	16-3-6	1/2" I.D. X 6" Lg. Vinyl Outlet Tube (1 GPM Only)
28	61-21	1/2" ID X 6' Lg. Vinly Outlet Tube (4 GPM Only)
29	100-12	1/4" ID X 8' Lg. Vinyl Supply Tubing
30	100-12L	3/8" ID X 8' Lg. Vinyl Supply Tubing
31	61-107-2	Ceramic Weight (1/4" ID Tube)
32	61-107	Ceramic Weight (3/8" ID Tube)
33	100-16E	Foot Valve

ACCESSORIES

QTY.	PART NO.	DESCRIPTION
34	68-6-QD2	Pressure Indicating Tee

DEMA BLEND CENTER

MODEL 681GAP-3



QTY.	PART NO.	DESCRIPTION
1	66-139	Magnet Housing (Specify Color)
2	66-140	Push Button (Specify Color)
3	63-35	Magnet
4	63-36	Spring
5	41-7-25	Enclosing Tube
6	63-87	Valve Repair Kit
7	63-37	Spacer
8	41-1-8	Kick-off spring
9	63-38	Plunger
10	41-15-5	Diaphragm
11	63-39	Valve Body
12	100-38	Strainer Washer
13	65-10-2	Hose Coupling
14	65-14-2	Hose Fitting Stem
15	66-31	Close Nipple
16	66-153	Pipe Plug & O-Ring Assy.
17	16-30	Action Gap Assembly

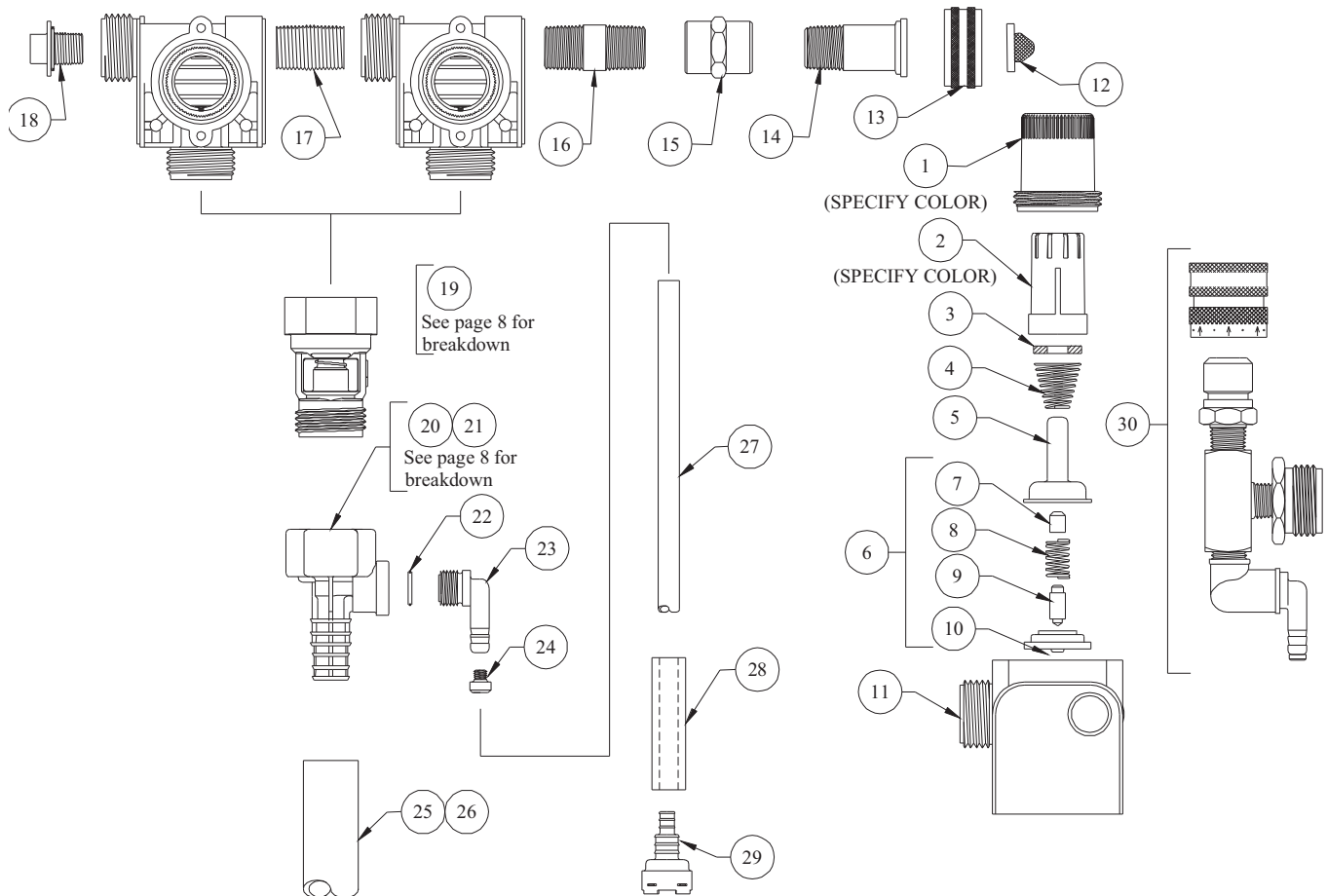
QTY.	PART NO.	DESCRIPTION
18	61-22GAP-2	4 GPM (1/4" Barb) Proportioner (Gray)
19	61-22GAP-1	4 GPM (3/8" Barb) Proportioner (Green)
20	63-78	O-Ring
21	63-79	Inlet Barb (1/4" Barb)
22	63-80	Inlet Barb (3/8" Barb)
23	100-15K	Metering Tip Kit-14 Sizes (For 1/4" Barb)
24	61-9K	Metering Tip Kit-13 Sizes (For 3/8" Barb)
25	16-3-6	1/2" I.D. X 6" Lg. Vinyl Outlet Tube (1 GPM Only)
26	61-21	1/2" ID X 6' Lg. Vinyl Outlet Tube (4 GPM Only)
27	100-12-16	1/4" ID X 28" Lg. Vinyl Supply Tubing
28	61-107-2	Ceramic Weight (For 1/4" Tube)
29	61-107	Ceramic Weight (For 3/8" Tube)
30*	100-16E-	Foot Valve

ACCESSORIES

QTY.	PART NO.	DESCRIPTION
31	68-6-QD2	Pressure Indicating Tee

*Foot Valve also available with silicone (100-16S-) or Viton (100-16V-) rubber seals. Please specify material when ordering.

DEMA BLEND CENTERS MODEL 681GAP-2P



NO.	PART NO.	DESCRIPTION
1	66-139	Magnet Housing (Specify Color)
2	66-140	Push Button (Specify Color)
3	63-35	Magnet
4	63-36	Spring
5	41-7-25	Enclosing Tube
6	63-87	Valve Repair Kit
7	63-37	Spacer
8	41-1-8	Kick-off Spring
9	63-38	Plunger
10	41-15-5	Diaphragm
11	63-39	Valve Body
12	100-38	Strainer Washer
13	65-10-2	Adapter
14	65-100-2	Coupling
15	63-57	3/8" Coupling
16	99-5-1	3/8" Nipple x 1 1/2" Lg.
17	66-31	Close Nipple
18	66-153	Pipe Plug & O-Ring Assy.

NO.	PART NO.	DESCRIPTION
19	16-30	Action Gap Assembly
20	61-99GAP-2	1 GPM (1/4" Barb) Proportioner (green)
21	61-22GAP-2	4 GPM (1/4" Barb) Proportioner (Gray)
22	63-78	O-Ring
23	63-79	Inlet Barb (1/4")
24	100-15K	Metering Tip Kit-14 Sizes (For 1/4" Barb)
25	16-3-6	1/2" id x 6" Lg. Vinyl Outlet Tube (1GPM)
26	61-21	1/2" id x 6' Lg. Vinyl Outlet Tube (4GPM)
27	100-12	1/4" id x 8' Lg. Vinyl Supply Tubing
28	61-107-2	Ceramic Weight
29*	100-16E-1	Foot Valve

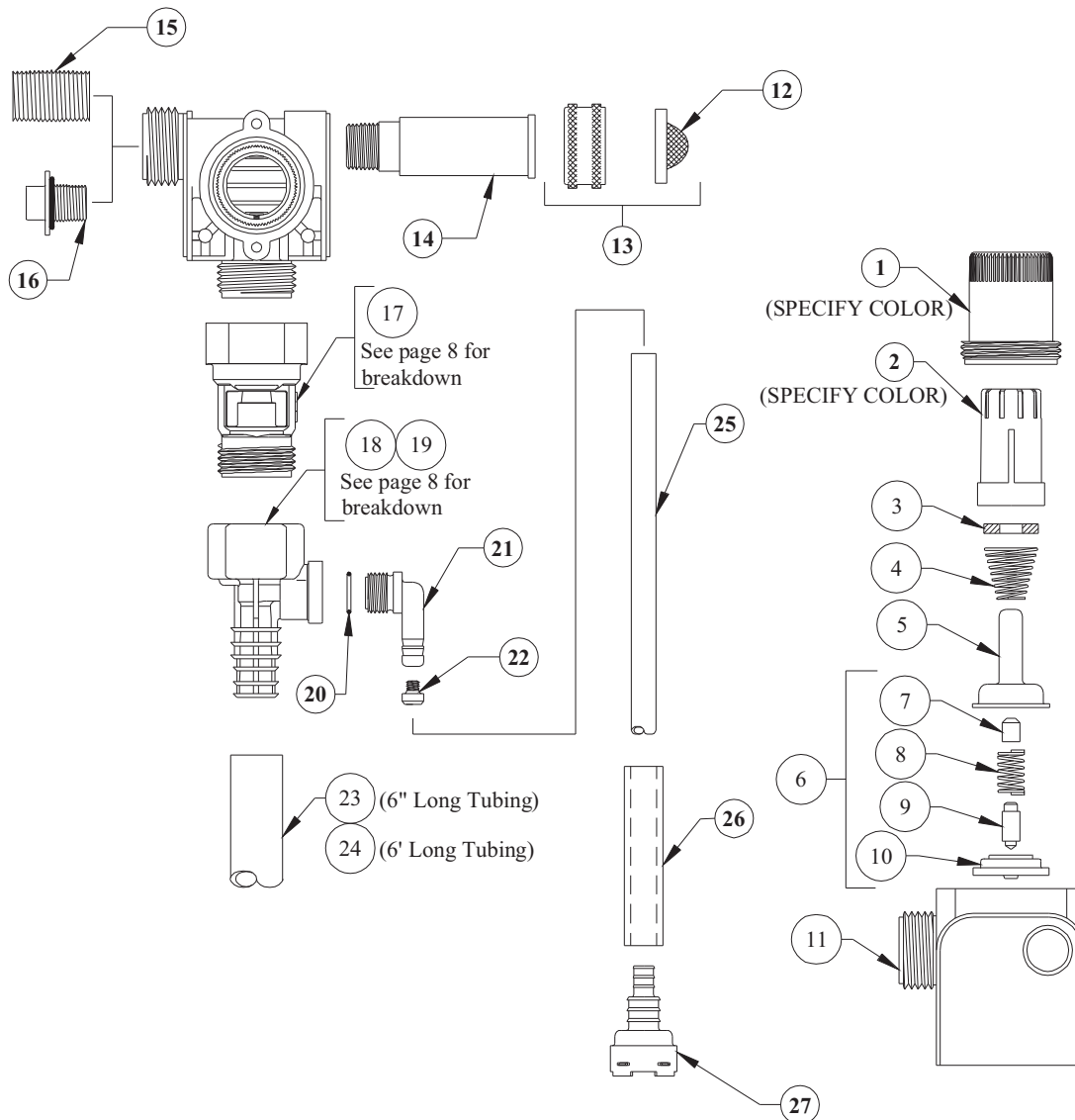
ACCESSORIES

NO.	PART NO.	DESCRIPTION
30	68-6-QD2	Pressure Indicating Tee

*Foot Valve also available with silicone (100-16S-1) or Viton (100-16V-1) rubber seals. Please specify when ordering.

DEMA BLEND CENTER

MODEL: 681GAP-3P SERIES



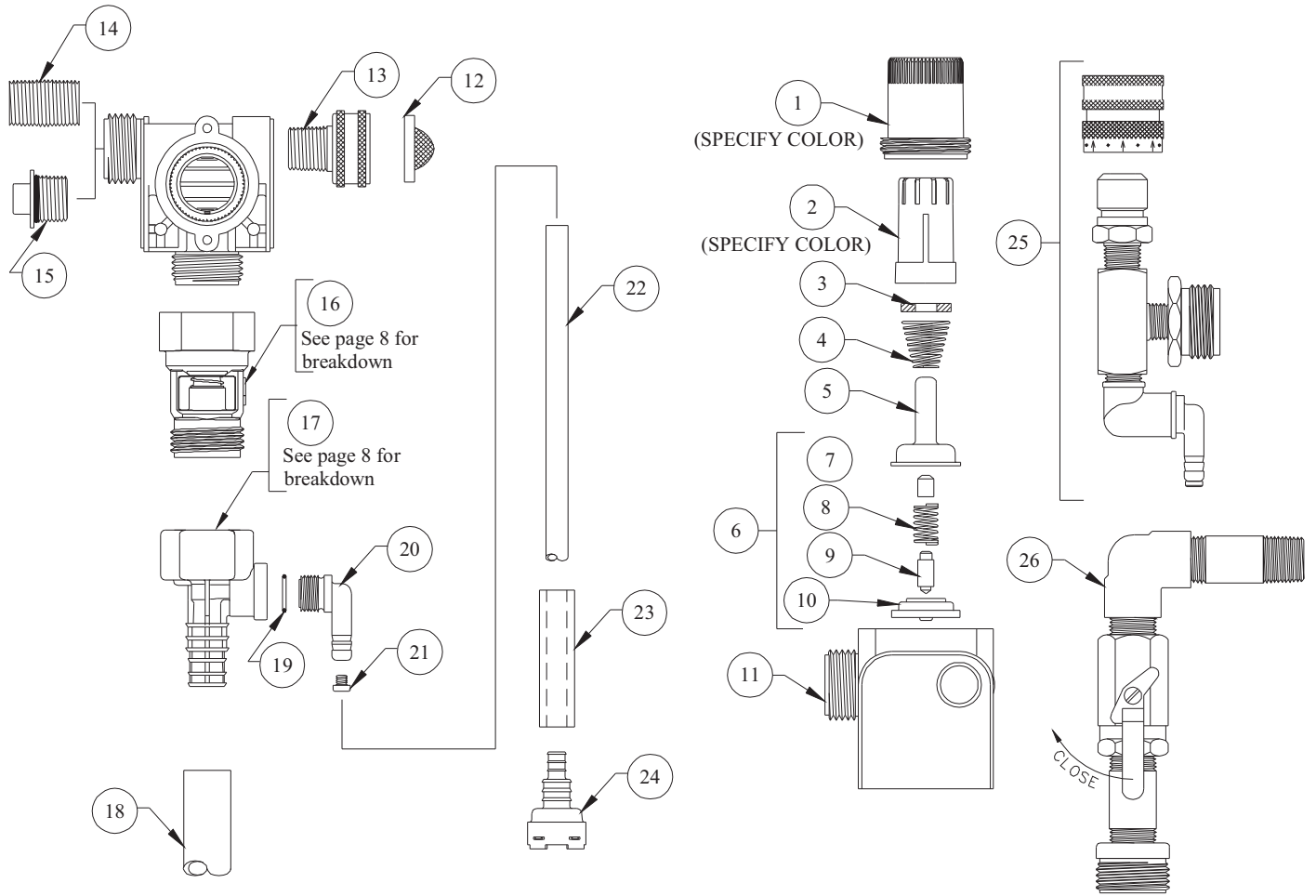
QTY.	PART NO.	DESCRIPTION
1	66-139	Magnet Housing (Specify Color)
2	66-140	Push Button (Specify Color)
3	63-35	Magnet
4	63-36	Spring
5	41-7-25	Enclosing Tube
6	63-87	Valve Repair Kit
7	63-37	Spacer
8	41-1-8	Kick-off spring
9	63-38	Plunger
10	41-15-5	Diaphragm
11	63-39	Valve Body
12	100-38	Strainer Washer
13	93-44	Garden Hose Coupling Adapter Kit
14	65-14-2	Hose Stem Adapter
15	66-31	Close Nipple
16	66-153	Pipe Plug & O-Ring Assy.
17	16-30	Action Gap Assembly

QTY.	PART NO.	DESCRIPTION
18	61-99GAP-2	1 GPM (1/4" Barb) Proportioner (Green)
19	61-22GAP-2	4 GPM (1/4" Barb) Proportioner (Gray)
20	63-78	O-Ring
21	63-79	Inlet Barb (1/4" Barb)
22	100-15K	Metering Tip Kit-14 Sizes
23	16-3-6	1/2" I.D. X 6" Lg. Vinyl Outlet Tube (1 GPM Only)
24	61-21	1/2" ID X 6' Lg. Vinyl Outlet Tube (4 GPM Only)
25	100-12-16	1/4" ID X 28" Lg. Vinyl Supply Tubing
26	61-107-2	Ceramic Weight
27	100-16E-10	Foot Valve

ACCESSORIES

QTY.	PART NO.	DESCRIPTION
28	61-7	1/2" ID X 20' LG. Vinyl Tubing

BLEND SAFE MODEL: 681GAP-4



NO.	PART NO.	DESCRIPTION
1	66-139	Magnet Housing (Specify Color)
2	66-140	Push Button (Specify Color)
3	63-35	Magnet
4	63-36	Spring
5	41-7-25	Enclosing Tube
6	63-87	Valve Repair Kit
7	63-37	Spacer
8	41-1-8	Kick-off spring
9	63-38	Plunger
10	41-15-5	Diaphragm
11	63-39	Valve Body
12	100-38	Strainer Washer
13	65-14-2	Pipe To Garden Hose Adaptor
14	66-31	Close Nipple
15	66-153	Pipe Plug & O-Ring Assy.
16	16-30	Action Gap Assembly
17	61-22GAP-2	4 GPM Proportioner (Gray) - 1/4" Barb

NO.	PART NO.	DESCRIPTION
18	61-21	1/2" ID X 6' Lg. Vinyl Outlet Tube (4 GPM Only)
19	63-78	O-Ring
20	63-79	Inlet Barb (1/4" Barb)
21	100-15K-1	Metering Tip Kit
22	100-12	1/4" ID X 8' Lg. Vinyl Supply Tubing
23	61-107-2	Ceramic Weight (For 1/4" Tube)
24*	100-16E-1	Foot Valve

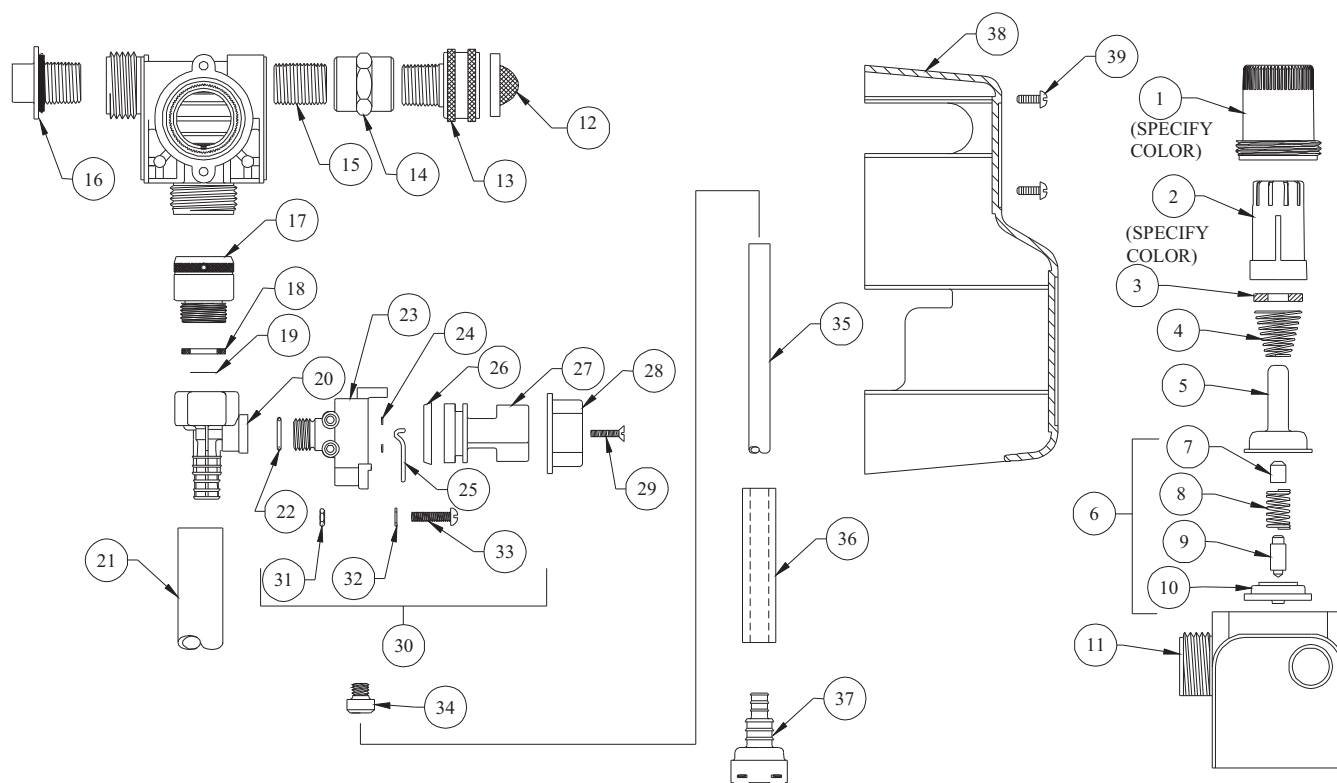
ACCESSORIES

QTY.	PART NO.	DESCRIPTION
25	68-6-QD2	Pressure Indicating Tee
26	61-25-5	Fresh Water Outlet Kit

*Foot Valve also available with silicone (100-16S-1) or Viton (100-16V-1 rubber seals.
Please specify material when ordering.

DEMA DIAL-A-BLEND

MODEL 637-1SA



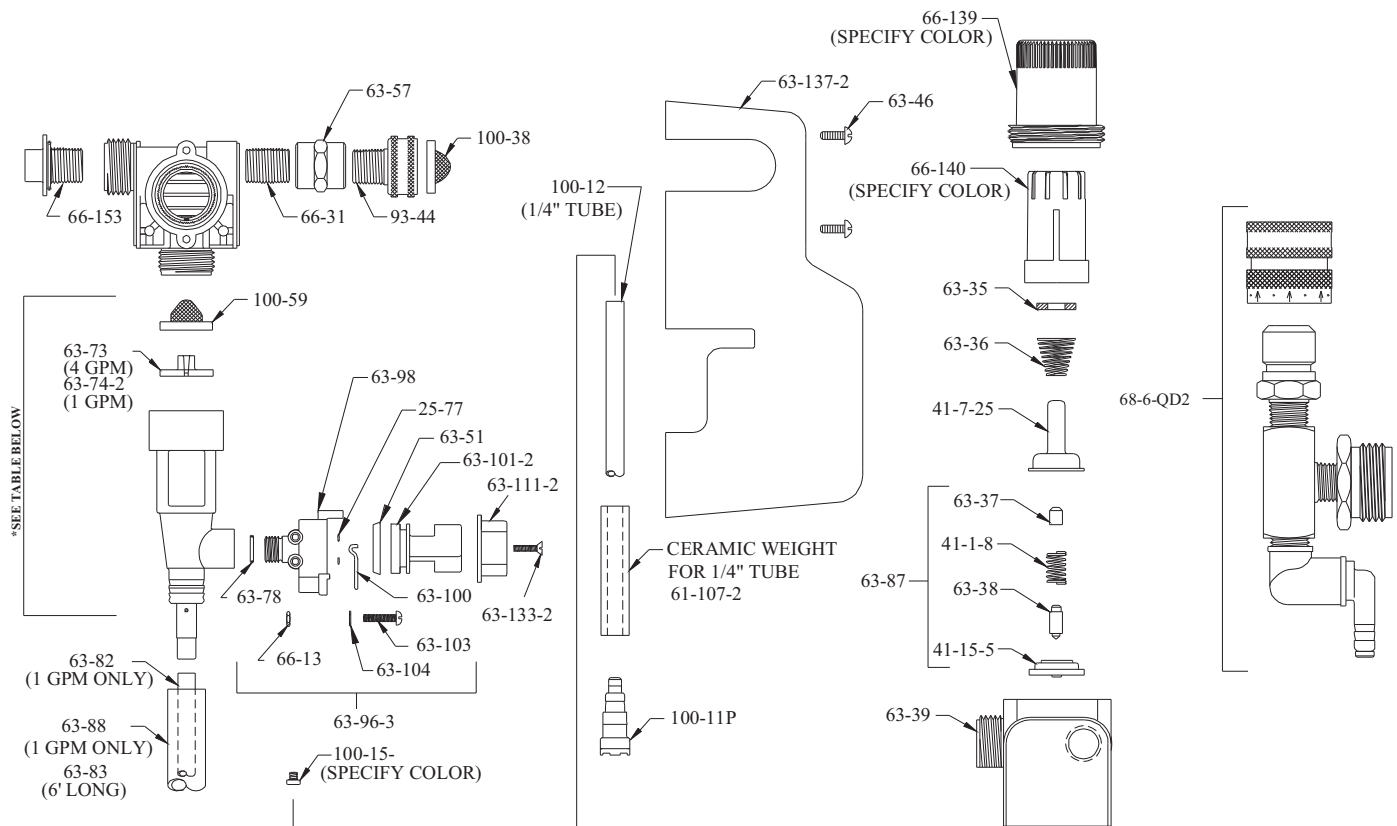
NO.	PART NO.	DESCRIPTION
1.	66-139	Magnet Housing (Specify Color)
2.	66-140	Push Button (Specify Color)
3.	63-35	Magnet
4.	63-36	Spring
5.	41-7-25	Enclosing Tube
6.	63-87	Valve Repair Kit
7.	63-37	Spacer
8.	41-1-8	Kick-Off Spring
9.	63-38	Plunger
10.	41-15-5	Diaphragm
11.	63-39	Valve Body
12.	100-38	Inlet Washer Screen
13.	93-44	Pipe to Garden Hose Adapter (3/8" MNPT)
14.	63-57	3/8" Brass Coupling
15.	63-151	3/8" Brass x 3" Pipe Nipple
16.	66-153	Pipe Plug and O-Ring Assy.
17.	34-22-4	Backflow Preventer
18.	150-6	Rubber Washer
19.	61-36	Flow Disc
20.	164C	1 GPM Proportioner (Green)
21.	61-21	1/2" ID X 6' Lg. Vinyl Tubing

NO.	PART NO.	DESCRIPTION
22.	63-78	O-Ring, EP
23.	63-98	Valve Body
24.	25-77	O-Ring, Silicone
25.	63-100	Spring
26.	63-51	"U" Cup
27.	63-101-2	Knob
28.	63-111-2	Selector Knob
29.	63-133-2	#6 FL. HD. Hi-Lo Screw
30.	63-96-3	Selector Valve Assy.
31.	66-13	Nut
32.	63-104	Washer
33.	63-103	#8-32 Round Headed Screw (3/4" Lg.)
34.	100-15K	Metering Tip Kit
35.	100-12	1/4" ID X 8' Lg. Vinyl Tubing
36.	63-107-2	Ceramic Weight (For 1/4" Tubing)
37.	100-16E-1	Foot Valve
38.	63-161-1	Cover
39.	63-46	#8 Hi-Lo Screw (1/2" Lg.)

ACCESSORIES

NO.	PART NO.	DESCRIPTION
40.	61-25-3	Fresh Water Outlet Kit

DEMA 637AG-1 and 637AG-4 DIAL-A-BLEND IV



PART NO.	DESCRIPTION
25-77	O-RING
41-1-8	KICK-OFF SPRING
41-7-25	ENCLOSING TUBE
41-15-5	DIAPHRAGM
61-107-2	CERAMIC WEIGHT (1/4" TUBE)
61-126AG-4	*4 GPM PROPORTIONER ASSY (WHITE)
61-126AG-1	*1 GPM PROPORTIONER ASSY (GREEN)
63-35	MAGNET
63-36	SPRING
63-37	SPACER
63-38	PLUNGER
63-39	VALVE BODY
63-46	SCREW
63-51	"U" CUP
63-57	COUPLING - 3/8" BRASS
63-73	NOZZLE (4 GPM)
63-74-2	NOZZLE (1 GPM)
63-78	O-RING
63-82	VINYL TUBE (3/16" ID X 7" LG) 1 GPM ONLY
63-83	VINYL TUBE (9/16 ID X 6' LG)
63-87	VALVE REPAIR KIT
63-88	VINYL TUBE (9/16" ID X 4" LG) 1 GPM ONLY
63-96-3	SELECTOR VALVE ASSEMBLY
63-98	SELECTOR VALVE BODY
63-100	RETAINER

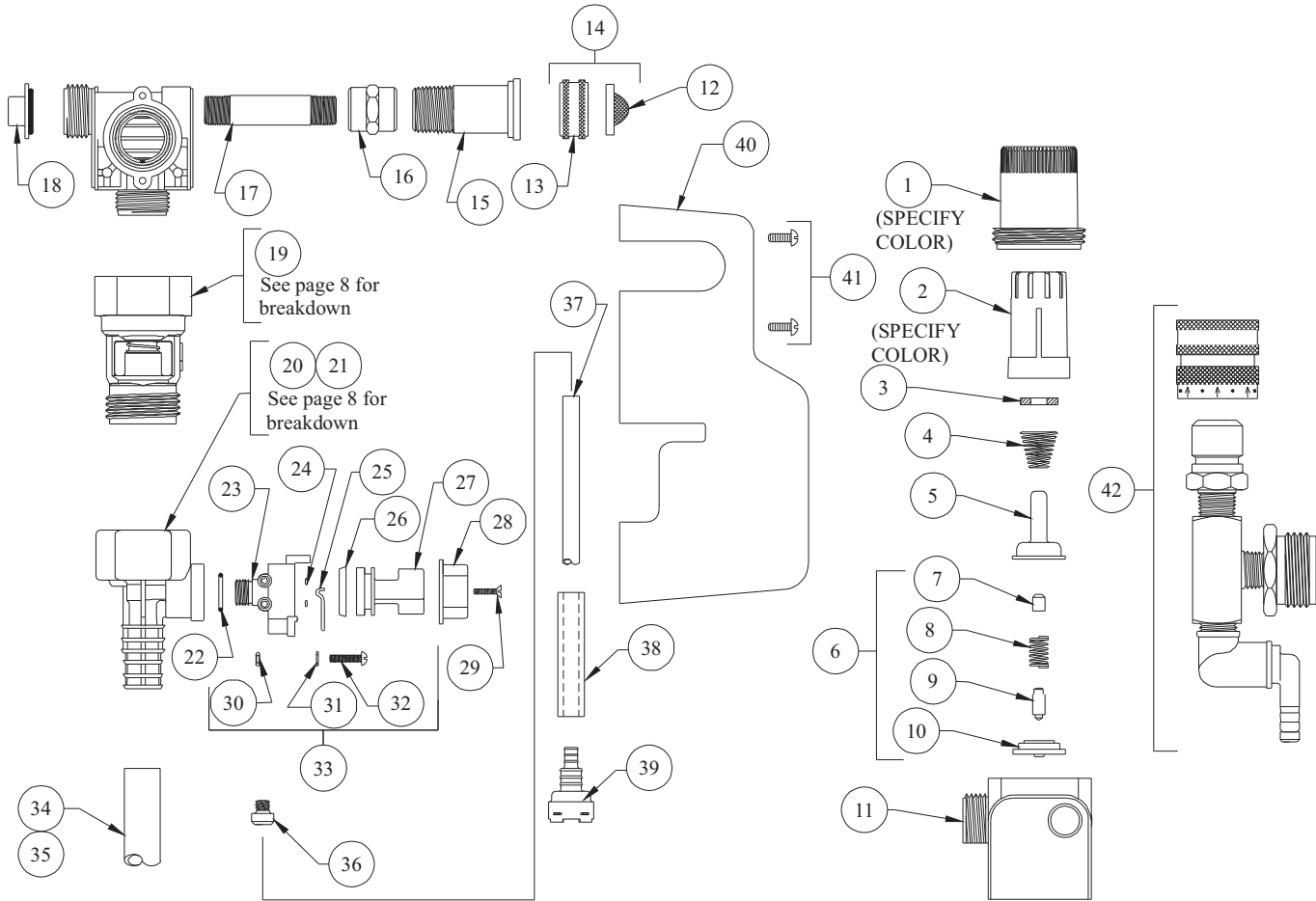
PART NO.	DESCRIPTION
63-101-2	KNOB
63-103	SCREW
63-104	WASHER
63-111-2	SELECTOR KNOB
63-133-2	#6 FL. HD. HI-LO SCREW
63-137-2	COVER
66-13	NUT
66-31	PIPE NIPPLE - 3/8" BRASS
66-139	MAGNET HOUSING (SPECIFY COLOR)
66-140	PUSH BUTTON (SPECIFY COLOR)
66-153	PIPE PLUG
93-44	PIPE TO GARDEN HOSE ADAPTOR - 3/8" MNPT
100-11P	FOOT VALVE
100-12	VINYL TUBE (1/4 ID X 8' LG.)
100-15-	METERING TIP (SPECIFY COLOR)
100-38	STRAINER WASHER
100-59	STRAINER WASHER

ACCESSORIES

61-25-2	FRESH WATER OUTLET KIT
100-15K	METERING TIP KIT (14 SIZES)
68-6-QD2	PRESSURE INDICATING TEE

DEMA BLEND CENTER

MODELS: 637GAP-1 and 637GAP-4



NO.	PART NO.	DESCRIPTION
1	66-139	Magnet Housing (Specify Color)
2	66-140	Push Button (Specify Color)
3	63-35	Magnet
4	63-36	Spring
5	41-7-25	Enclosing Tube
6	63-87	Valve Repair Kit
7	63-37	Spacer
8	41-1-8	Kick-off spring
9	63-38	Plunger
10	41-15-5	Diaphragm, EP
11	63-39	Valve Body
12	100-38	Strainer Washer
13	65-10-2	Hose Fitting Coupling
14	93-44	Swivel Coupling (3/8" MNPT X FGHT)
15	150-6	Rubber Washer
16	63-59	Garden Hose Thread Coupling
17	63-151	Pipe Nipple 3"
18	66-153	Pipe Plug & O-Ring Assy.
19	16-30	Action Gap Assembly
20	61-22GAP-3	4 GPM Proportioner (Gray) Less Inlet Barb
21	61-99GAP-3	1 GPM Proportioner (Green) Less Inlet Barb
22	63-78	O-Ring, EP
23	63-98	Selector Valve Body
24	25-77	O-Ring, Silicone
25	63-100	Retainer Spring
26	63-51	"U" Cup

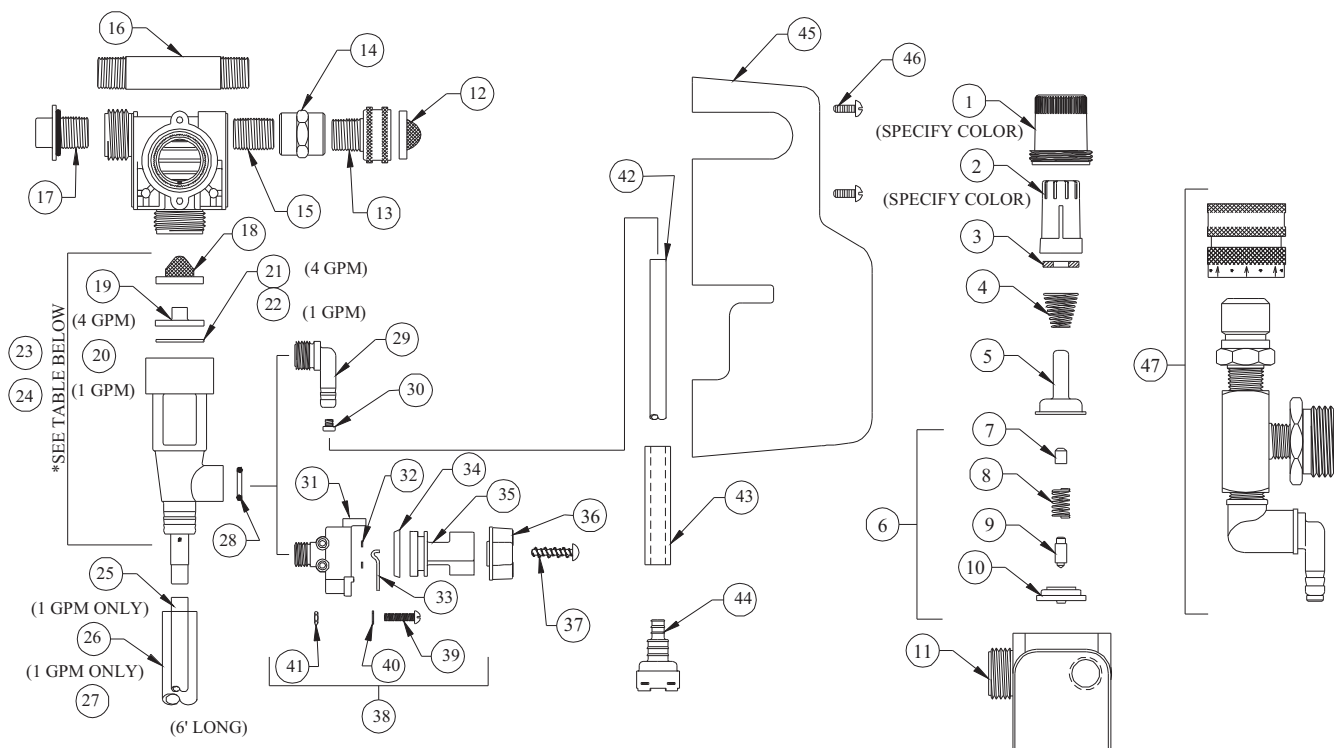
NO.	PART NO.	DESCRIPTION
27	63-101-2	Selector Knob
28	63-111-2	Selector Knob
29	58-60	#6 Hi Lo Screw 1/2" Lg.
30	66-13	Nut
31	63-104	Washer
32	63-103	#8-32 Screw, 3/4" Lg.
33	63-96-3	Selector Valve Assembly
34	100-15K	Metering Tip Kit-14 Sizes
35	16-3-6	1/2" I.D. X 6" Lg. Vinyl Outlet Tube (1 GPM Only)
36	61-21	1/2" ID X 6' Lg. Vinyl Outlet Tube (4 GPM Only)
37	100-12-13	1/4" ID X 32" Lg. Vinyl Supply Tubing
38	61-107-2	Ceramic Weight, 3/8"
39*	100-16E-1	Foot Valve
40	63-137-2	Cover
41	63-46	#8 Hi Lo Cover Screw, 1/2" Lg.

ACCESSORIES

NO.	PART NO.	DESCRIPTION
42	68-6-QD2	Pressure Indicating Tee

*Foot Valve also available with silicone (100-16S-1) or Viton (100-16V-1) rubber seals. Please specify material when ordering.

DEMA 639AG-4-1 and 639AG-4-4 DIAL-A-BLEND



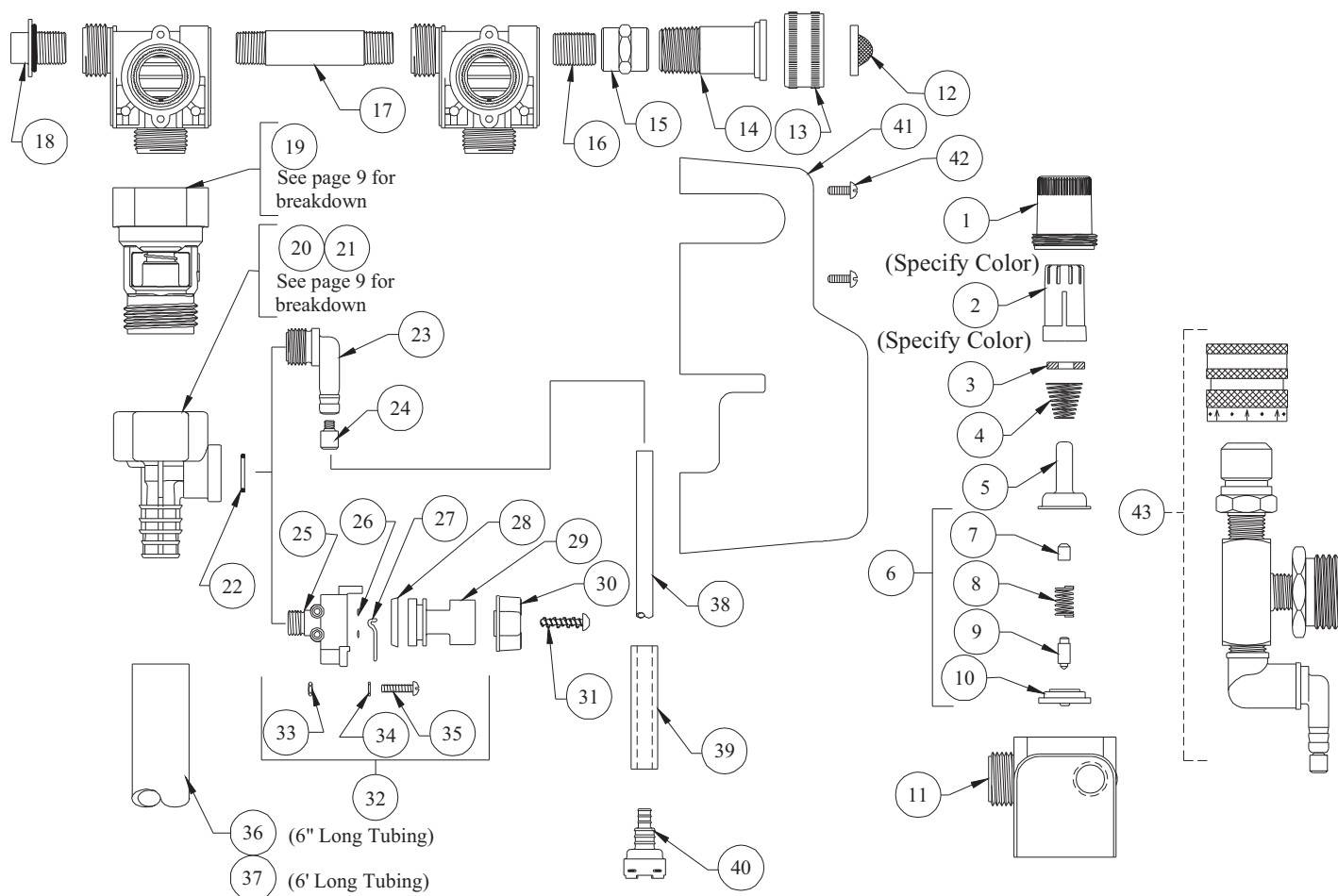
NO.	PART NO.	DESCRIPTION
1.	66-139	Magnet Housing (Specify Color)
2.	66-140	Push Button (Specify Color)
3.	63-35	Magnet
4.	63-36	Spring
5.	41-7-25	Enclosing Tube
6.	63-87	Valve Repair Kit
7.	63-37	Spacer, 3/8" Brass
8.	41-1-8	Kick-Off Spring
9.	63-38	Plunger
10.	41-15-5	Diaphragm
11.	63-39	Valve Body
12.	100-38	Inlet Washer Screen
13.	93-44	Pipe to Garden Hose Adapter (3/8" MNPT)
14.	63-57	3/8" Brass Coupling
15.	66-31	3/8" Brass x 1" Pipe Nipple
16.	61-118	3/8" Brass x 2 1/2" Pipe Nipple PVC
17.	66-153	Pipe Plug and O-Ring Assy.
18.	100-59	Strainer Washer
19.	63-73	Nozzle (4 GPM)
20.	63-74-2	Nozzle (1 GPM)
21.	63-76	Screen, SS (4 GPM)
22.	63-77	Screen, SS (1 GPM)
23.	61-126AG-4	*4 GPM Proportioner Assy.
24.	61-126AG-4	*4 GPM Proportioner Assy.
25.	63-82	Vinyl Tube (3/16" ID x 7" Lg) (1 GPM)

NO.	PART NO.	DESCRIPTION
26.	66-113	Vinyl Tube (9/16" ID x 6 1/2" Lg) (4 GPM)
27.	63-83	Vinyl Tube (9/16" ID x 6' Lg)
28.	63-78	O-Ring, EP
29.	63-79	Inlet Barb (1/4" Barb)
30.	100-15	Metering Tip (Specify Size)
31.	63-98	Selector Valve Body
32.	25-77	O-Ring, Silicone
33.	63-100	Retainer Spring
34.	63-51	"U" Cup
35.	63-101-2	Knob
36.	63-111-2	Selector Knob
37.	66-133-2	#6 Fl. Hd. Hi-Lo Screw
38.	63-96-3	Selector Valve Assy.
39.	63-103	#8-32 Round Headed Screw (3/4" Lg.)
40.	63-104	Washer
41.	66-13	Nut
42.	100-12	1/4" ID X 8' Lg. Vinyl Tubing
43.	63-107-2	Ceramic Weight (For 1/4" Tubing)
44.	100-16E	Foot Valve
45.	63-161-1	Cover
46.	63-46	#8 Hi-Lo Screw (1/2" Lg.)

ACCESSORIES

NO.	PART NO.	DESCRIPTION
47.	68-6-QD2	Pressure Indicating Tee
48.	100-15K	Metering Tip Kit

DEMA 639GAP-4-1 and 639GAP-4-4 DIAL-A-BLEND



QTY.	PART NO.	DESCRIPTION
1	66-139	Magnet Housing (Specify Color)
2	66-140	Push Button (Specify Color)
3	63-35	Magnet
4	63-36	Spring
5	41-7-25	Enclosing Tube
6	63-87	Valve Repair Kit
7	63-37	Spacer
8	41-1-8	Kick-off spring
9	63-38	Plunger
10	41-15-5	Diaphragm
11	63-39	Valve Body
12	100-59	Strainer Washer
13	65-10-2	Coupling
14	65-100-2	Hose Fitting Stem
15	63-57	3/8" Coupling
16	99-5-1	Hose Fitting Stem
17	61-118	PVC Pipe 2 1/2"Lg.
18	66-153	Pipe Plug & O-Ring Assy.
19	16-30	Action Gap Assembly
20	61-22GAP-2	4 GPM (1/4" Barb) Proportioner (Gray)
21	61-99GAP-3	1 GPM Proportioner (Green) Less Inlet Barb
22	63-78	O-Ring

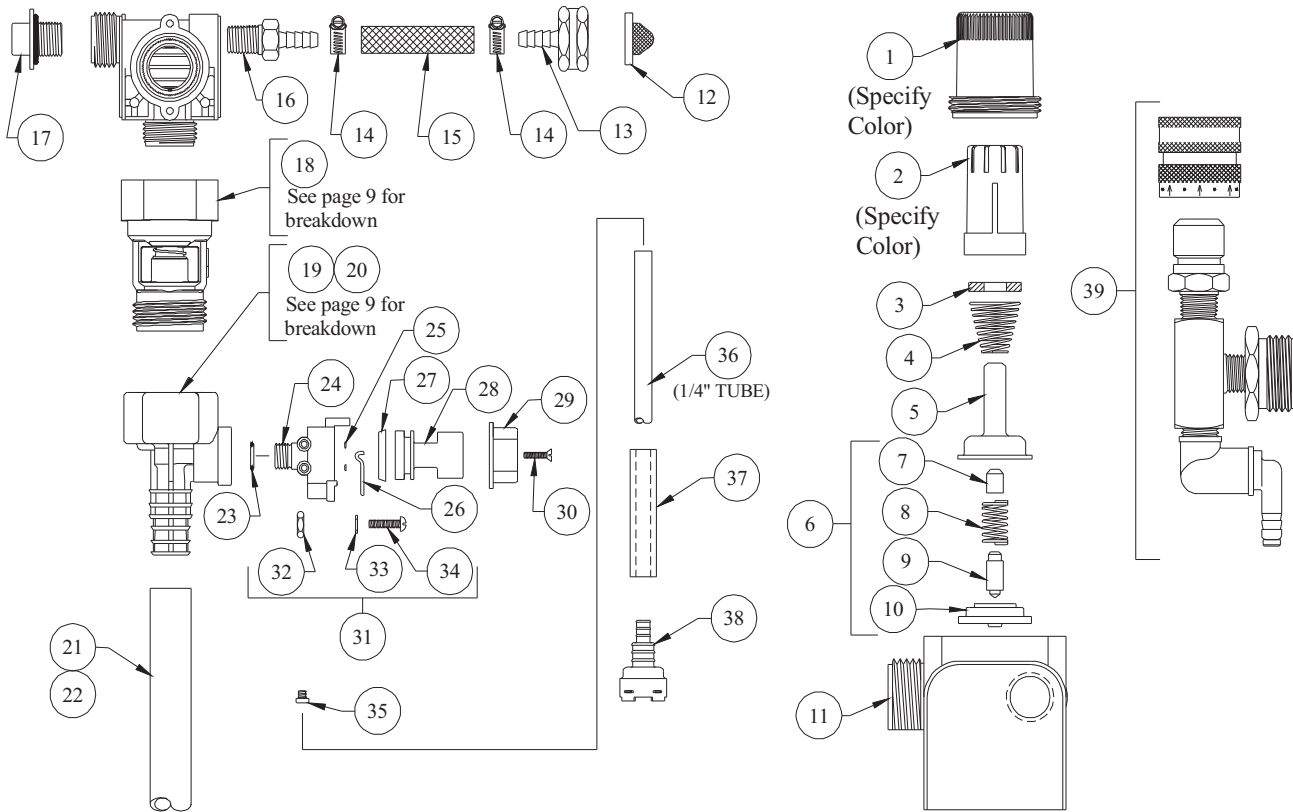
QTY.	PART NO.	DESCRIPTION
23	63-79	Inlet Barb (1/4" Barb)
24	100-15K	Metering Tip Kit-14 Sizes
25	63-98	Selector Valve Body
26	25-77	O-Ring
27	63-100	Retainer Spring
28	63-51	"U" Cup
29	63-101-2	Knob
30	63-111-2	Selector Knob
31	58-60	#6 Hi Lo Screw 1/2" Lg.
32	63-96-3	Selector Valve Assembly
33	66-13	Nut
34	63-104	Washer
35	63-103	Screw
36	16-3-6	1/2" I.D. X 6" Lg. Vinyl Outlet Tube (1 GPM Only)
37	61-21	1/2" ID X 6' Lg. Vinyl Outlet Tube (4 GPM Only)
38	100-12	1/4" ID X 8' Lg. Vinyl Supply Tubing
39	61-107-2	Ceramic Weight
40*	100-16E-	Foot Valve
41	63-137-3	Cover
42	63-46	Screw

ACCESSORIES

QTY.	PART NO.	DESCRIPTION
43	68-6-QD2	Pressure Indicating Tee

*Foot Valve also available with silicone (100-16S-) or Viton (100-16V-) rubber seals. Please specify material when ordering.

BLEND SAFE MODELS: 66-149GAP-1 & 66-149GAP-2



NO.	PART NO.	DESCRIPTION
1	66-139	Magnet Housing (Specify Color)
2	66-140	Push Button (Specify Color)
3	63-53	Magnet
4	63-36	Spring
5	41-7-25	Enclosing Tube
6	63-87	Valve Repair Kit
7	63-37	Spacer
8	41-1-8	Kick-off Spring
9	63-38	Plunger
10	41-15-10	Diaphragm (EP)
11	63-39	Valve Body
12	100-38	Strainer Washer
13	66-142	Hose Barb (3/8" Barb X Female G.H. Swivel)
14	76-2-3	Hose Clamp
15	66-98-4	Nylon Braided Tube (3/8" ID X 3" Lg.)
16	66-119	Hose Barb (3/8" Barb X 3/8" MPT)
17	66-153	Pipe Plug & O-Ring Assy.
18	16-30	Action Gap Assembly
19	61-22GAP-3	4 GPM Proportioner (Gray)
20	61-99GAP-3	4 GPM Proportioner (Green)
21	16-3-6	1/2" ID X 6" Lg. Vinyl Outlet Tube(1 GPM only)
22	61-21	1/2" ID X 6" Lg. Vinyl Outlet Tube(4 GPM only)

NO.	PART NO.	DESCRIPTION
23	63-78	O-Ring (EP)
24	63-98	Selector Valve Body
25	25-77	O-Ring (Silicone)
26	63-100	Retainer Spring
27	63-51	"U" Cup
28	63-101-2	Selector Knob
29	63-111-2	Stamped Selector Knob
30	58-60	#6 Hi Lo Screw 1/2" Lg.
31	63-96-3	Selector Valve Assembly
32	66-13	Nut
33	63-104	Washer
34	63-103	#8-32 round Head Screw 3/4" Lg.
35	100-15K-1	Metering Tip Kit (14 Sizes)
36	100-12	1/4 ID X 8' Lg. Vinyl Supply Tube
37	61-107-2	Ceramic Weight
38*	100-16E-1	Foot Valve

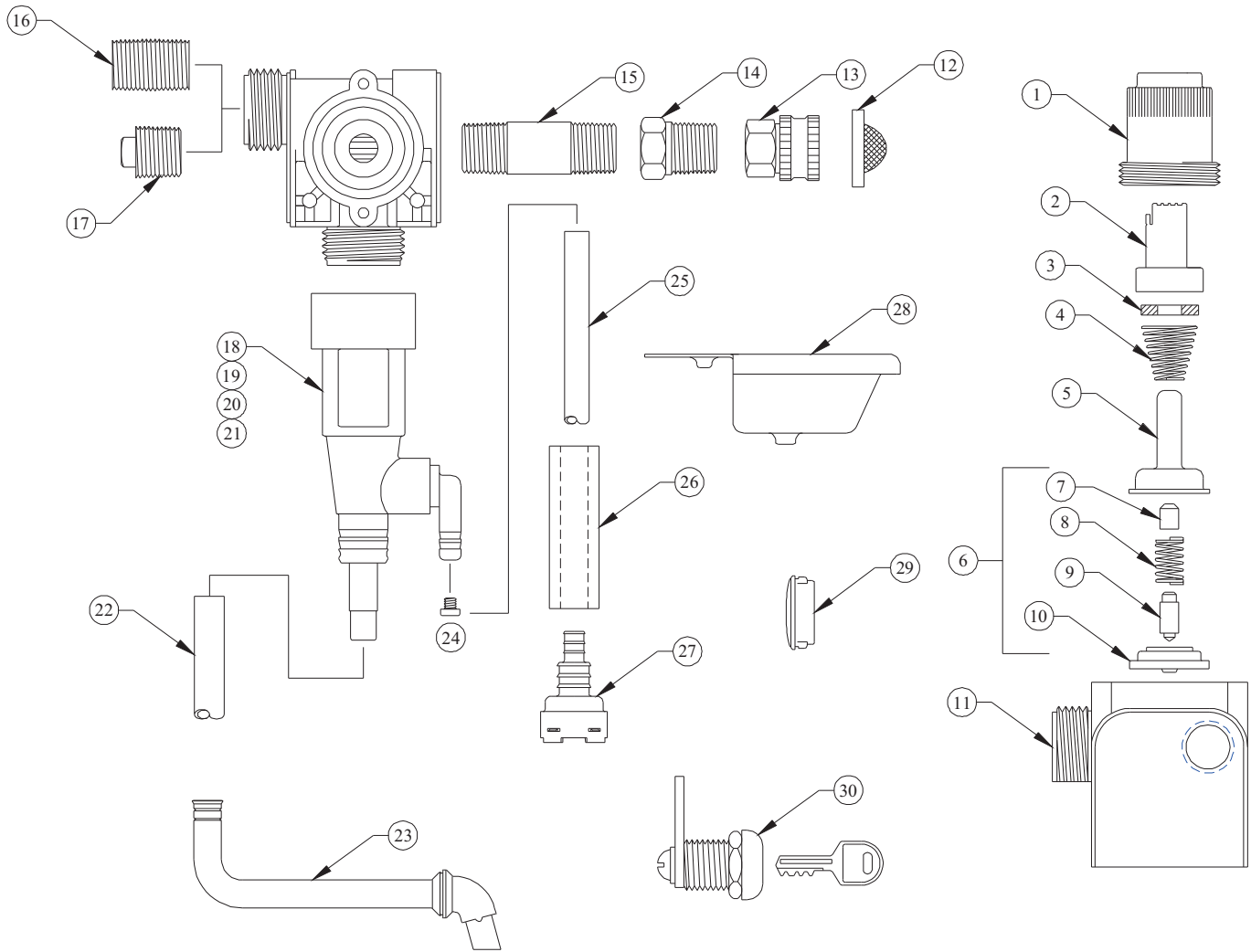
ACCESSORIES

NO.	PART NO.	DESCRIPTION
39	68-6QD2	Pressure Indicating Tee

*Foot Valve also available with silicone (100-16S-1) or Viton (100-16V-1) rubber seals.

Please specify material when ordering

DEMA BLEND SAFE MODEL 660AG-4DA

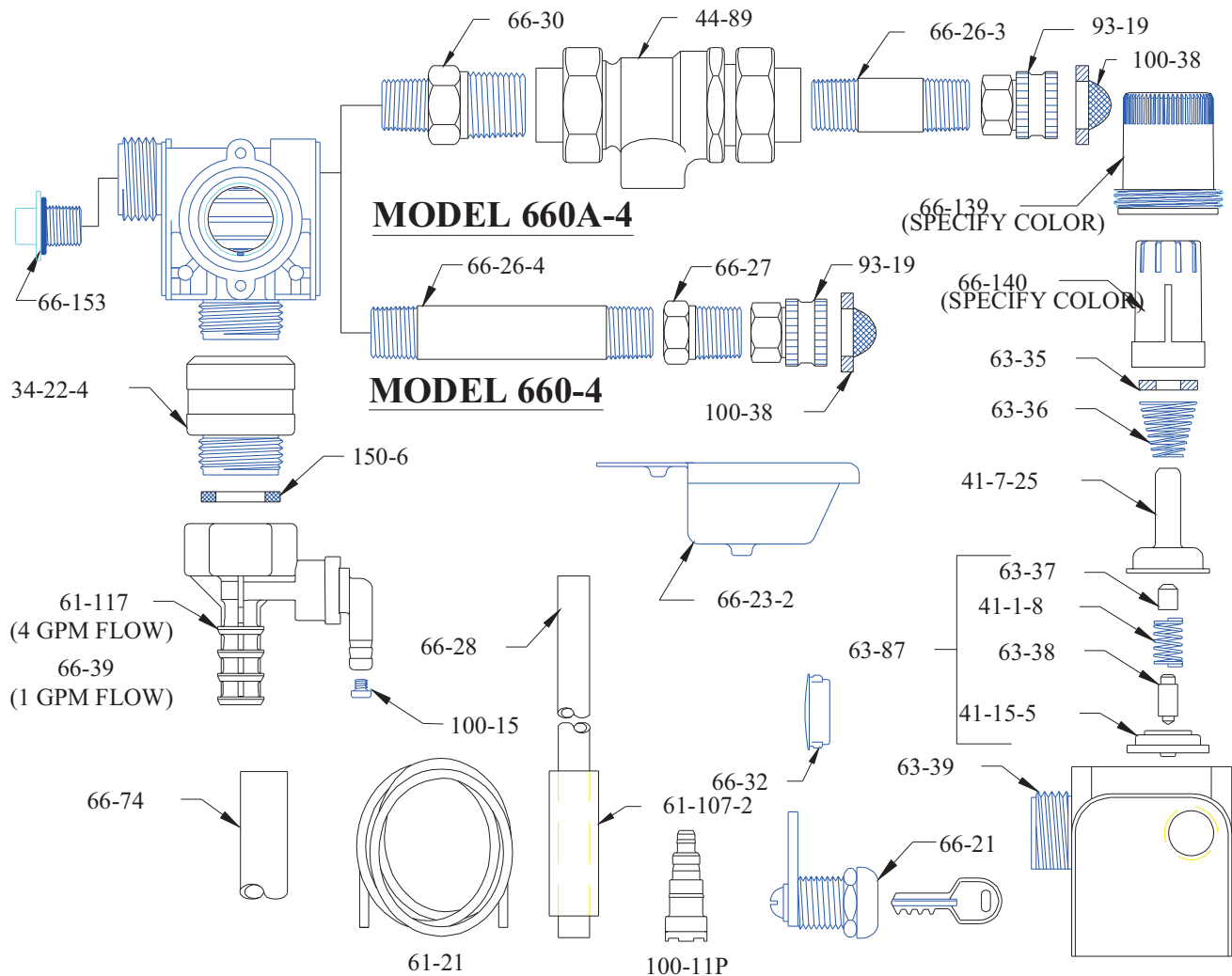


NO.	PART NO.	DESCRIPTION
1	63-33	Magnet Housing (Specify Color)
2	63-34	Push Button (Specify Color)
3	63-35	Magnet
4	63-36	Spring
5	41-7-25	Enclosing Tube
6	63-87	Valve Repair Kit
7	63-37	Spacer
8	41-1-8	Kickoff Spring
9	63-38	Plunger
10	41-15-5	Diaphragm
11	63-39	Valve Body
12	100-38	Inlet Screen
13	93-19	Swivel Adaptor
14	66-27	Bushing 1/2" MPT x 3/8" FNPT
15	66-26-2	PVC Nipple 7-1/4"
16	66-31	Close Nipple
17	63-31	Pipe Plug
18	61-32BAG-1	1 GPM Proportioner-1/4" Barb
19	61-22BAG-4	4 GPM Proportioner-1/4" Barb

NO.	PART NO.	DESCRIPTION
22	66-38	3/16"ID Tube x 15.5Lg (1GPM)
23	66-37	Outlet Adapter (1GPM only)
25	66-28	Vinyl Pickup Tube 21"
26	61-107-2	Ceramic Weight for 1/4" ID x 3/8" OD Tubing
27	100-16E	Foot Valve
28	66-23-2	Drip Tray
29	66.32	Plug
30	66.21	Cabinet Lock

ACCESSORIES		
NO.	PART NO.	DESCRIPTION
20	61-32AG-1	1 GPM Proportioner-3/8" Barb
21	61-22AG-4	4 GPM Proportioner-3/8" Barb
24	100-15K	Metering Tip Kit for 1/4" Barb
	61-9K	Metering Tip Kit for 3/8" Barb

BLEND SAFE, MODELS: 661-4 & 661A-4



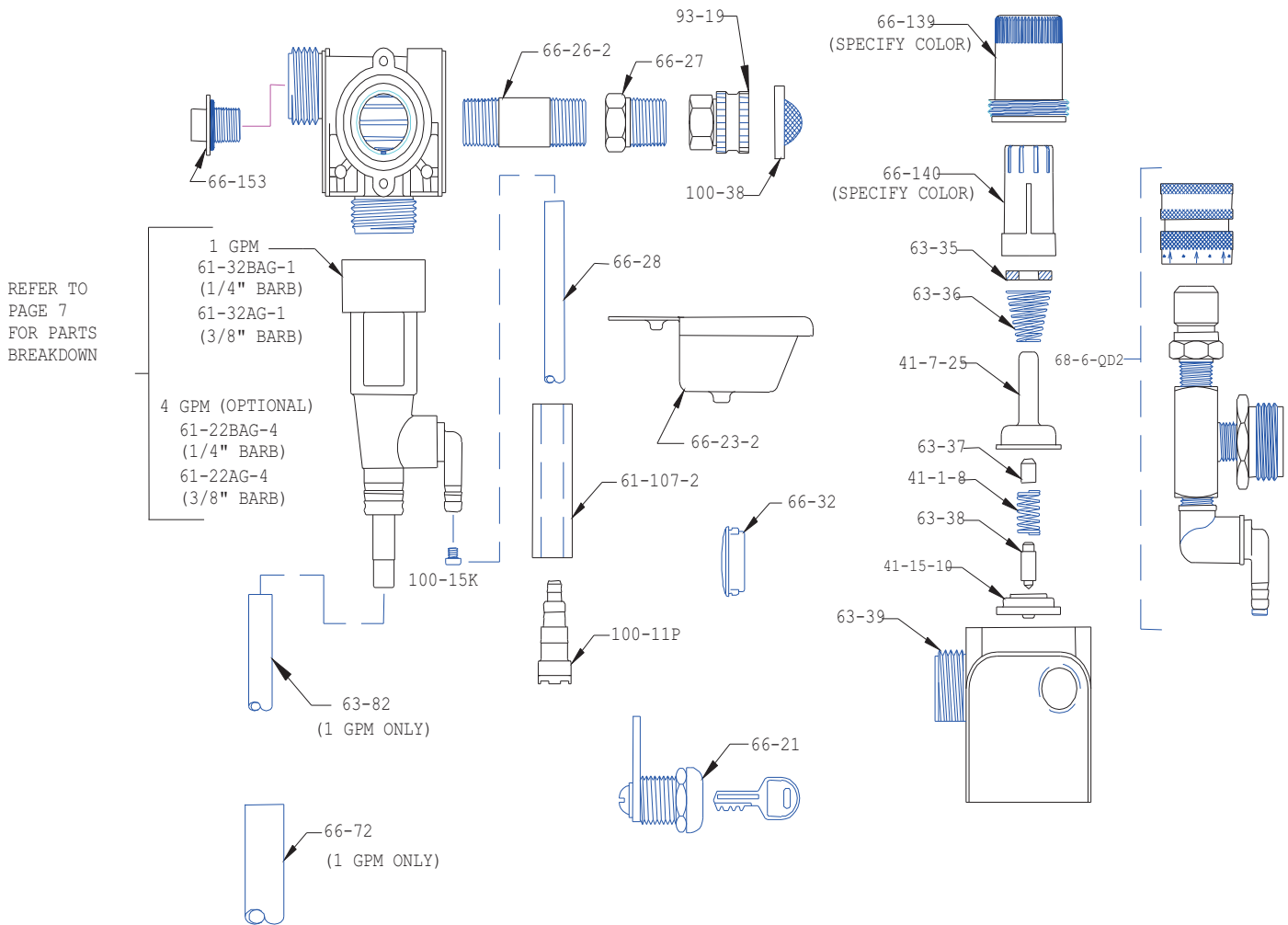
PART NO.	DESCRIPTION
34-22-4	SIPHON BREAKER (660-4 ONLY)
41-1-8	KICK-OFF SPRING
41-7-25	ENCLOSING TUBE
41-15-5	DIAPHRAGM
44-89	SIPHON BREAKER (660A-4 ONLY)
61-21	6' LG. VINYL OUTLET TUBING
61-107-2	CERAMIC WEIGHT
61-117	4 GPM PROPORTIONER
63-35	MAGNET
63-36	SPRING
63-37	SPACER
63-38	PLUNGER
63-39	VALVE BODY
63-87	VALVE REPAIR KIT
66-21	CABINET LOCK
66-23-2	DRIP TRAY

PART NO.	DESCRIPTION
66-26-4	PIPE, 5 1/4" LG. (660-4 ONLY)
66-26-3	PIPE, 2 1/2 LG. (660A-4 ONLY)
66-27	BUSHING (660-4 ONLY)
66-28	VINYL TUBING
66-30	REDUCER (660A-4 ONLY)
66-32	KNOCK-OUT PLUG
66-39	1 GPM PROPORTIONER
66-74	1/2 I.D TUBE X 6" LG. 1 GPM ONLY
66-139	MAGNET HOUSING (SPECIFY COLOR)
66-140	PUSH BUTTON (SPECIFY COLOR)
66-153	PIPE PLUG & O-RING
93-19	SWIVEL ADAPTOR
100-11P	FOOT VALVE
100-38	INLET SCREEN
150-6	GARDEN HOSE RUBBER WASHER

ACCESSORIES

100-15K	METERING TIP KIT (13 SIZES)
163CB	MEDIUM CAPACITY PROPORTIONER
163CH	HIGH CAPACITY PROPORTIONER

DEMA 661AG-4 BLEND SAFE INSTALLATION INSTRUCTIONS



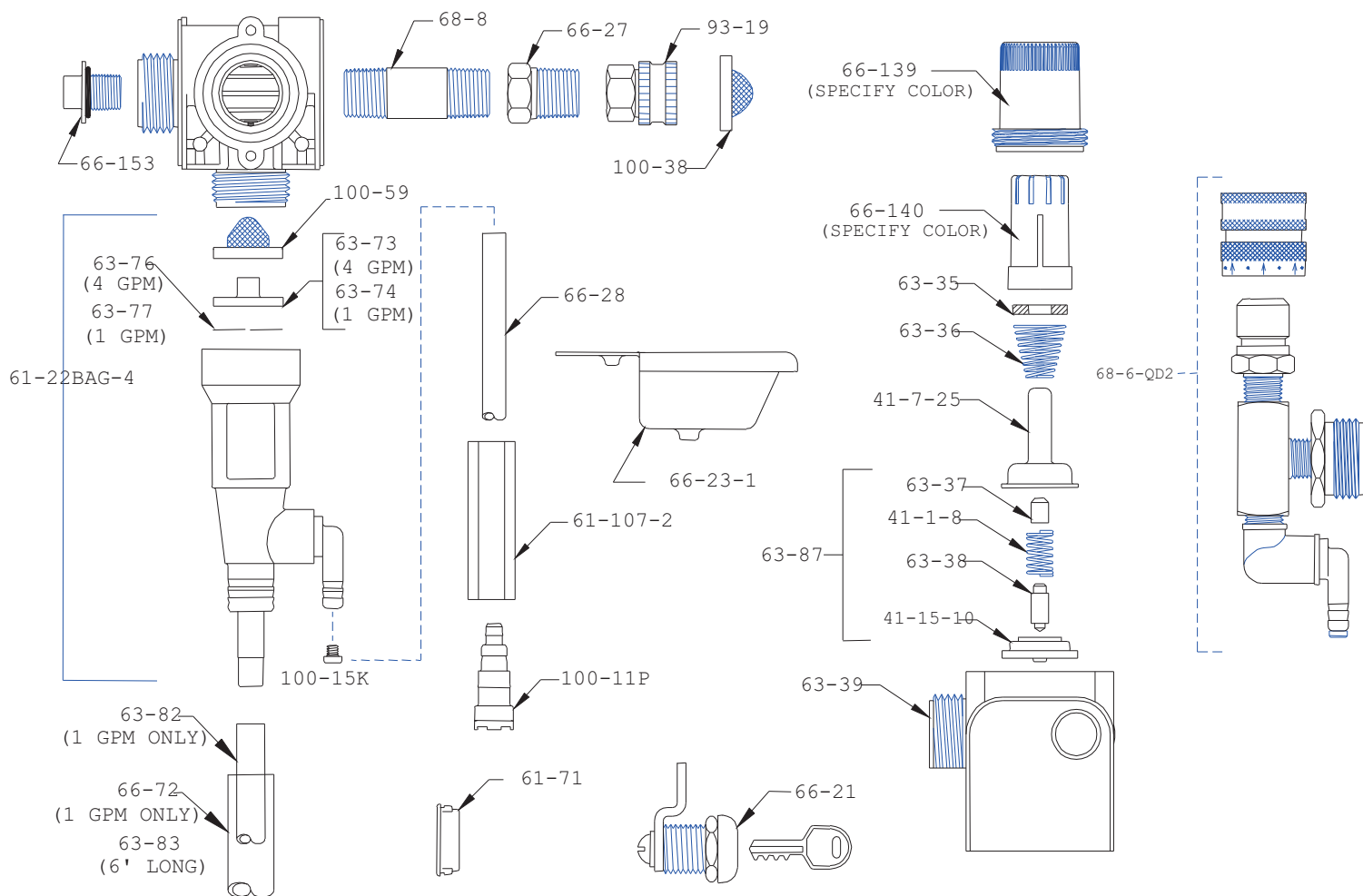
PART NO.	DESCRIPTION
41-1-8	KICK-OFF SPRING
41-7-25	ENCLOSING TUBE
41-15-10	DIAPHRAGM
61-22BAG-4	4 GPM PROPORTIONER-1/4" BARB
61-32BAG-1	1 GPM PROPORTIONER-1/4" BARB
61-107-2	CERAMIC WEIGHT
63-35	MAGNET
63-36	SPRING
63-37	SPACER
63-38	PLUNGER
63-39	VALVE BODY
63-82	VINYL TUBE (3/16" ID X 7" LG) 1 GPM ONLY
66-21	CABINET LOCK
66-23-2	DRIP TRAY
66-26-2	PIPE NIPPLE (3/8" NPT X 2" LG)
66-27	BUSHING

PART NO.	DESCRIPTION
66-28	VINYL TUBING
66-32	PLUG
66-72	9/16 I.D TUBE X 6" LG. 1 GPM ONLY
66-139	MAGNET HOUSING (SPECIFY COLOR)
66-140	PUSH BUTTON (SPECIFY COLOR)
66-153	PIPE PLUG
93-19	SWIVEL ADAPTOR
100-11P	FOOT VALVE
100-38	STRAINER WASHER

ACCESSORIES

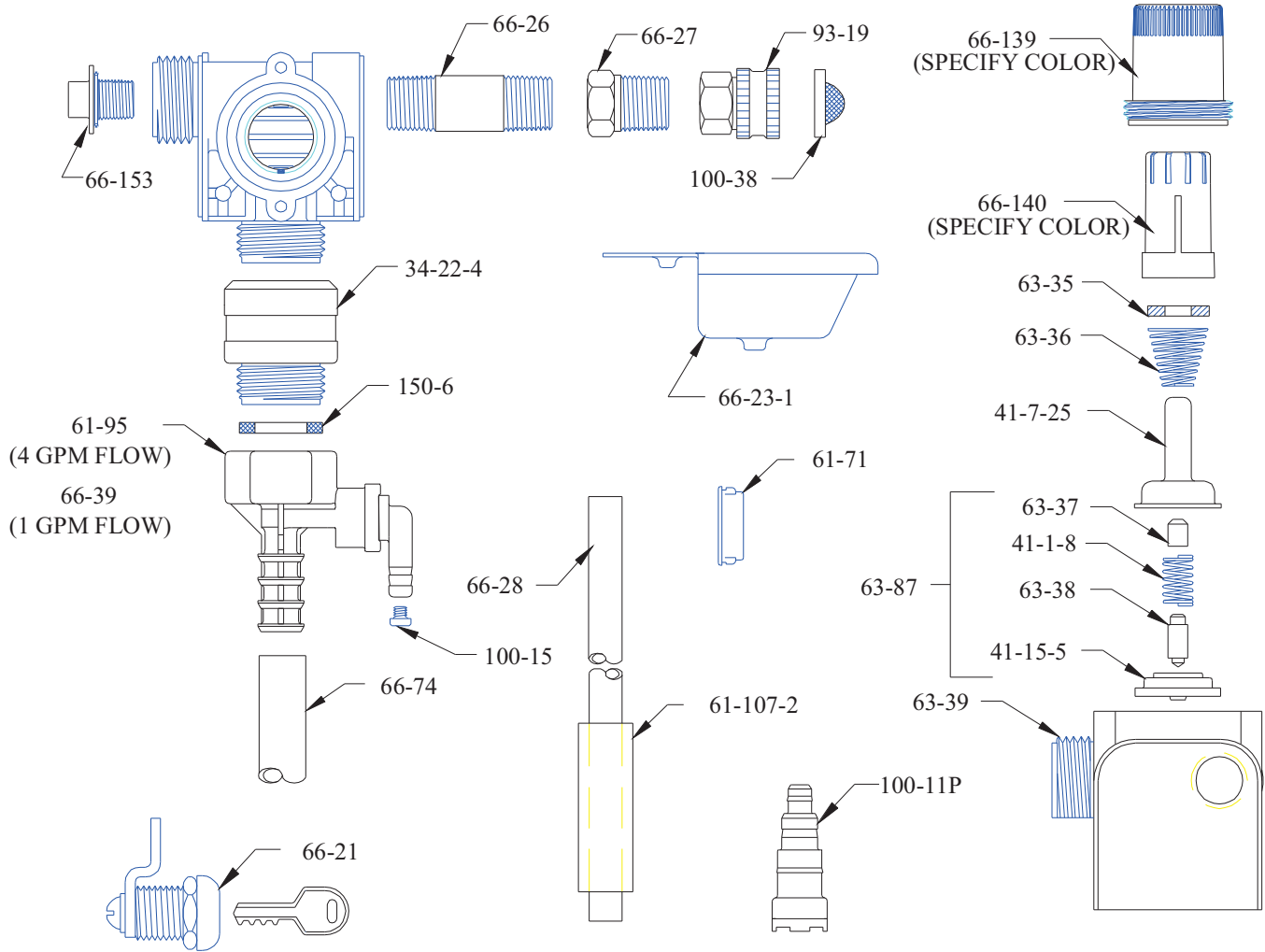
61-22AG-4	4 GPM PROPORTIONER-3/8" BARB
61-32AG-1	1 GPM PROPORTIONER-3/8" BARB
68-6-QD2	PRESSURE INDICATING TEE
100-15K	METERING TIP KIT (13 SIZES)

BLEND SAFE MODEL 661AGB



PART NO.		DESCRIPTION	
41-1-8		KICK-OFF SPRING	
41-7-25		ENCLOSING TUBE	
41-15-10		DIAPHRAGM	
61-22BAG-4		4 GPM AIR GAP PRPORTIONER	
61-32BAG-1		1 GPM AIR GAP PRPORTIONER	
61-71		SNAP BUSHING	
61-107-2		CERAMIC WEIGHT	
63-35		MAGNET	
63-36		SPRING	
63-37		SPACER	
63-38		PLUNGER	
63-39		VALVE BODY	
63-73		4 GPM NOZZLE	
63-74-2		1 GPM NOZZLE	
63-76		SCREEN (4 GPM)	
63-77		SCREEN (1 GPM)	
63-82		3/16 I.D. TUBE X 7" LG (1 GPM ONLY)	
63-83		VINYL TUBING (9/16 "I.D X 6')	
PART NO.		DESCRIPTION	
63-87		VALVE REPAIR KIT	
66-21		CABINET LOCK	
66-23-1		DRIP TRAY	
66-27		BUSHING	
66-28		VINYL TUBING	
66-72		9/16 I.D TUBE X 6" LG. (1 GPM ONLY)	
66-139		MAGNET HOUSING (SPECIFY COLOR)	
66-140		PUSH BUTTON (SPECIFY COLOR)	
66-153		PIPE PLUG & O-RING	
68-8		PIPE NIPPLE (3/8" NPT X 2" LG)	
93-19		SWIVEL ADAPTOR	
100-11P		FOOT VALVE	
100-38		STRAINER WASHER	
100-59		STRAINER WASHER	
ACCESSORIES			
68-6-QD2		PRESSURE INDICATING TEE	
100-15K		METERING TIP KIT (13 SIZES)	

BLEND SAFE, MODEL 661 B



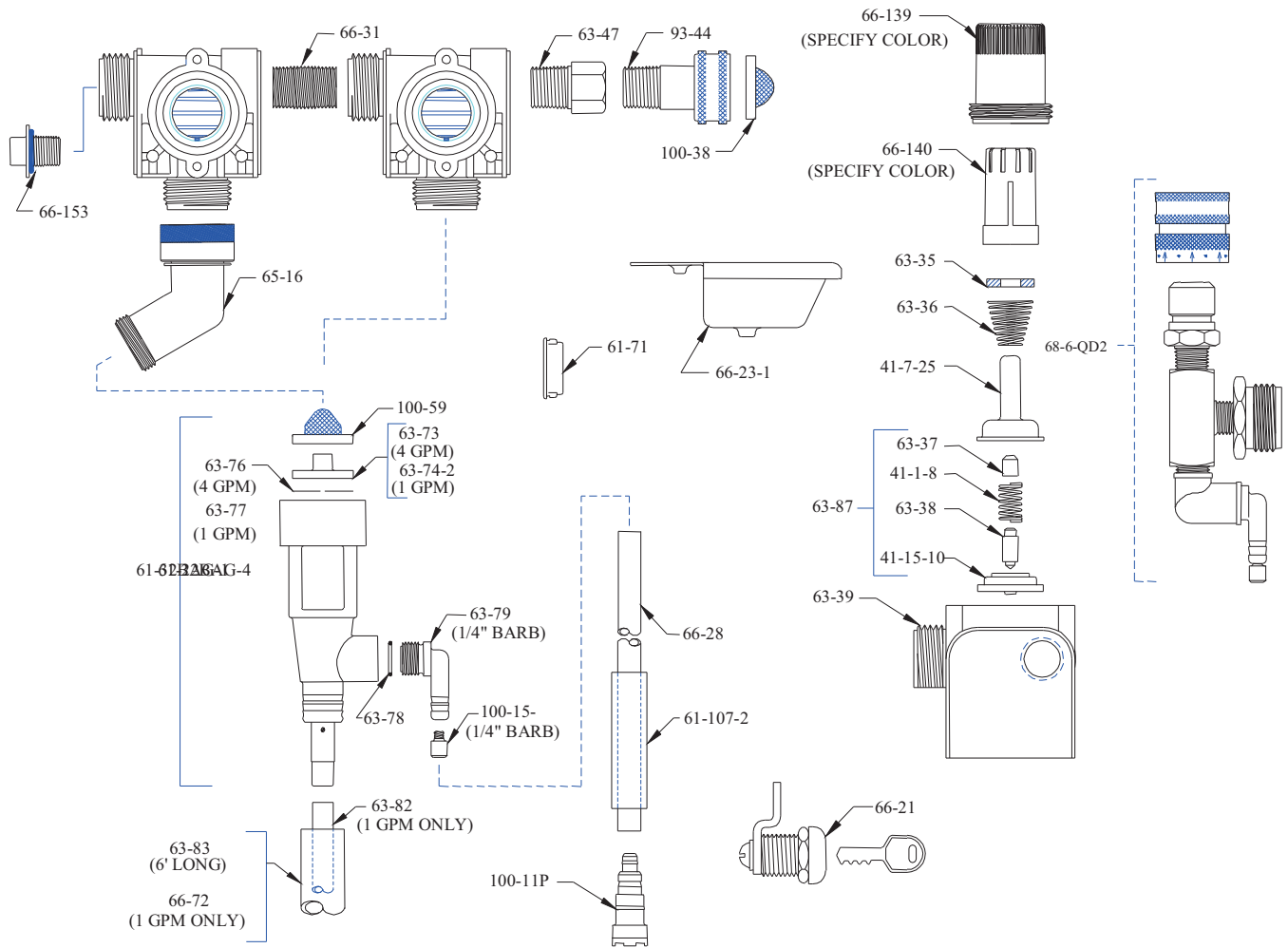
PART NO.	DESCRIPTION
34-22-4	SIPHON BREAKER
41-1-8	KICK-OFF SPRING
41-7-25	ENCLOSING TUBE
41-15-5	DIAPHRAGM
61-71	SNAP BUSHING
61-107-2	CERAMIC WEIGHT
63-35	MAGNET
63-36	SPRING
63-37	SPACER
63-38	PLUNGER
63-39	VALVE BODY
63-87	VALVE REPAIR KIT
66-21	CABINET LOCK
66-23-1	DRIP TRAY
66-26	PIPE, 2" LG.
66-27	BUSHING

PART NO.	DESCRIPTION
66-28	VINYL TUBING
66-39	1 GPM PROPORTIONER
66-74	1/2 I.D TUBE X 6" LG 1 GPM ONLY.
66-139	MAGNET HOUSING (SPECIFY COLOR)
66-140	PUSH BUTTON (SPECIFY COLOR)
66-153	PIPE PLUG & O-RING
93-19	SWIVEL ADAPTOR
100-11P	FOOT VALVE
100-38	INLET SCREEN
150-6	GARDEN HOSE RUBBER WASHER

ACCESSORIES

61-95	4 GPM PROPORTIONER
100-15K	METERING TIP KIT (13 SIZES)
163CB	MED. CAPACITY PROPORTIONER
163CH	HIGH CAPACITY PROPORTIONER

DEMA 661DB-AG BLEND SAFE



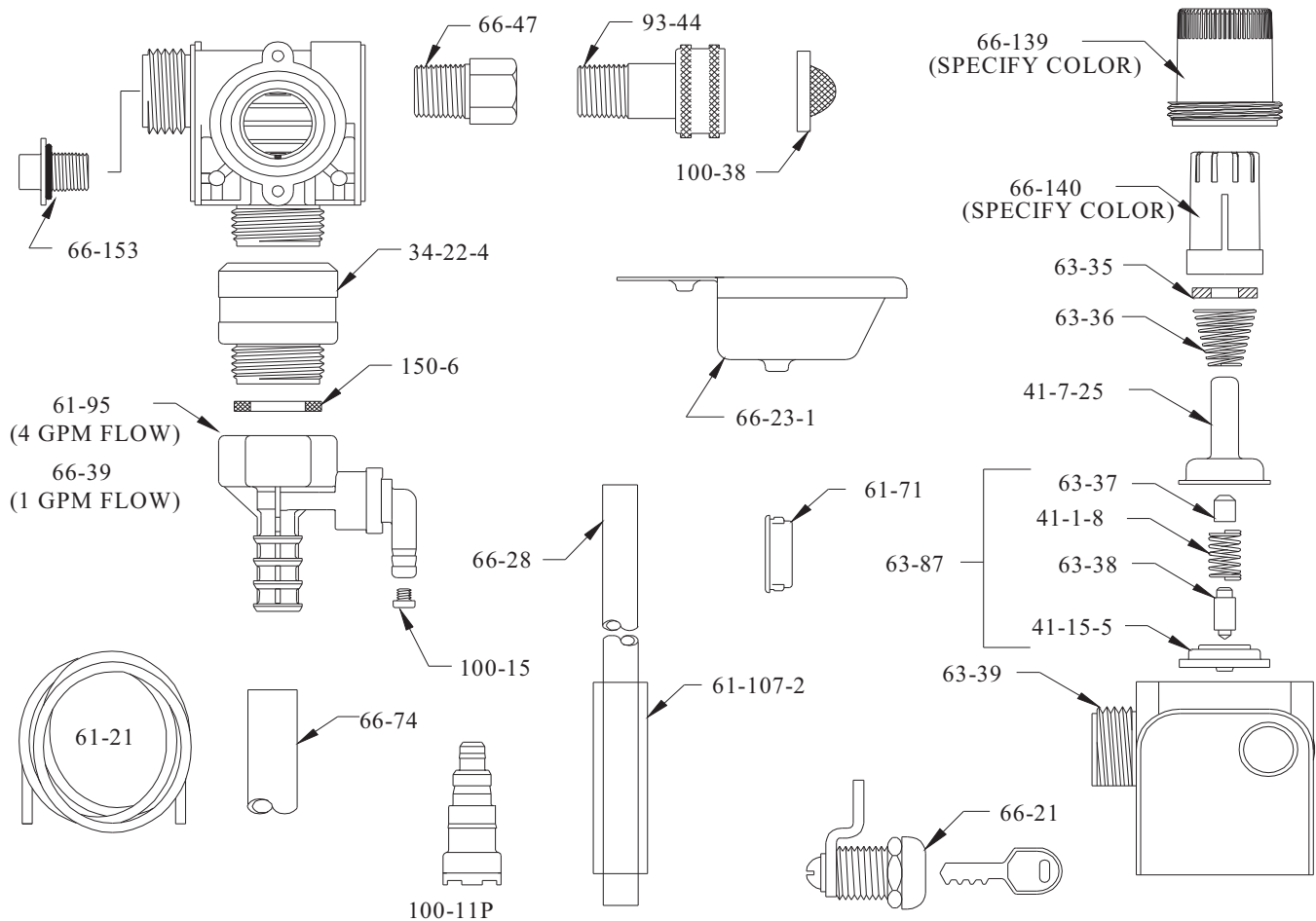
PART NO.	DESCRIPTION
41-1-8	KICK-OFF SPRING
41-15-10	DIAPHRAGM
41-7-25	ENCLOSING TUBE
61-22BAG-4	4 GPM PROPORTIONER
61-32BAG-1	1 GPM PROPORTIONER
61-71	SNAP BUSHING
61-107-2	CERAMIC WEIGHT
63-35	MAGNET
63-36	SPRING
63-37	SPACER
63-38	PLUNGER
63-39	VALVE BODY
63-47	INLET ADAPTER (3/8" MPT X 3/8" FPT)
63-73	4GPM NOZZLE
63-74-2	1GPM NOZZLE
63-76	SCREEN (4 GPM)
63-77	SCREEN (1 GPM)
63-78	O-RING
63-79	INLET BARB (1/4" BARB)

PART NO.	DESCRIPTION
63-82	VINYL TUBE (3/16" ID X 7" LG) 1 GPM ONLY
63-83	VINYL TUBE (9/16" ID X 6' LONG)
63-87	633 VALVE REPAIR KIT
65-16	45° MALE X FEMALE 6H ADAPTER
66-21	CABINET LOCK
66-23-1	DRIP TRAY (1 GPM STATION ONLY)
66-28	VINYL TUBE (7/32" ID X 21" LG)
66-31	3/8" CLOSE NIPPLE
66-72	VINYL TUBE (9/16" ID X 4" LG) 1 GPM ONLY
66-139	MAGNET HOUSING (SPECIFY COLOR)
66-140	PUSH BUTTON (SPECIFY COLOR)
66-153	PIPE PLUG & O-RING
93-44	PIPE TO G.H. COUPLING
100-11P	FOOT VALVE
100-15-	METERING TIP (SPECIFY COLOR)
100-38	STRAINER WASHER
100-59	STRAINER WASHER

ACCESSORIES

PART NO.	DESCRIPTION
68-6-QD2	PRESSURE INDICATING TEE

BLEND SAFE, MODEL 661DB



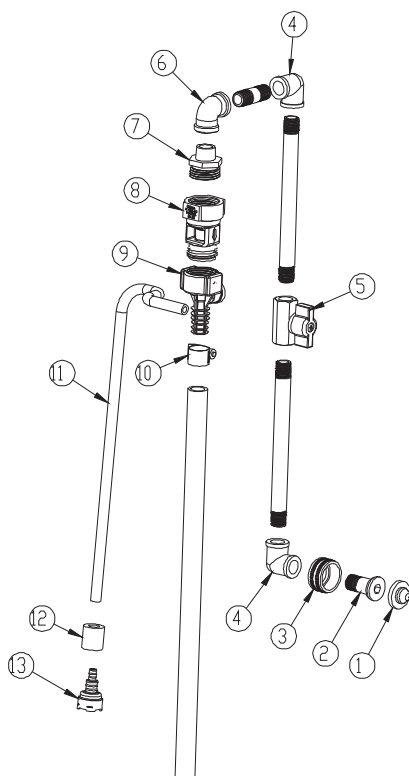
PART NO.	DESCRIPTION
34-22-4	SIPHON BREAKER
41-1-8	KICK-OFF SPRING
41-7-25	ENCLOSING TUBE
41-15-5	DIAPHRAGM
61-21	6' LG. VINYL OUTLET TUBING
61-71	SNAP BUSHING
61-95	4 GPM PROPORTIONER
61-107-2	CERAMIC WEIGHT
63-35	MAGNET
63-36	SPRING
63-37	SPACER
63-38	PLUNGER
63-39	VALVE BODY
63-87	VALVE REPAIR KIT
66-21	CABINET LOCK
66-23-1	DRIP TRAY
66-28	VINYL TUBING

PART NO.	DESCRIPTION
66-39	1 GPM PROPORTIONER
66-47	ADAPTER
66-74	1/2" I.D. TUBE X 6" LG 1 GPM ONLY
66-139	MAGNET HOUSING (SPECIFY COLOR)
66-140	PUSH BUTTON (SPECIFY COLOR)
66-153	PIPE PLUG & O-RING
93-44	PIPE TO GARDEN HOSE ADAPTER
100-11P	FOOT VALVE
100-38	INLET SCREEN
150-6	GARDEN HOSE RUBBER WASHER

ACCESSORIES

100-15K	METERING TIP KIT (13 SIZES)
163CB	MED. CAPACITY PROPORTIONER
163CH	HIGH CAPACITY PROPORTIONER

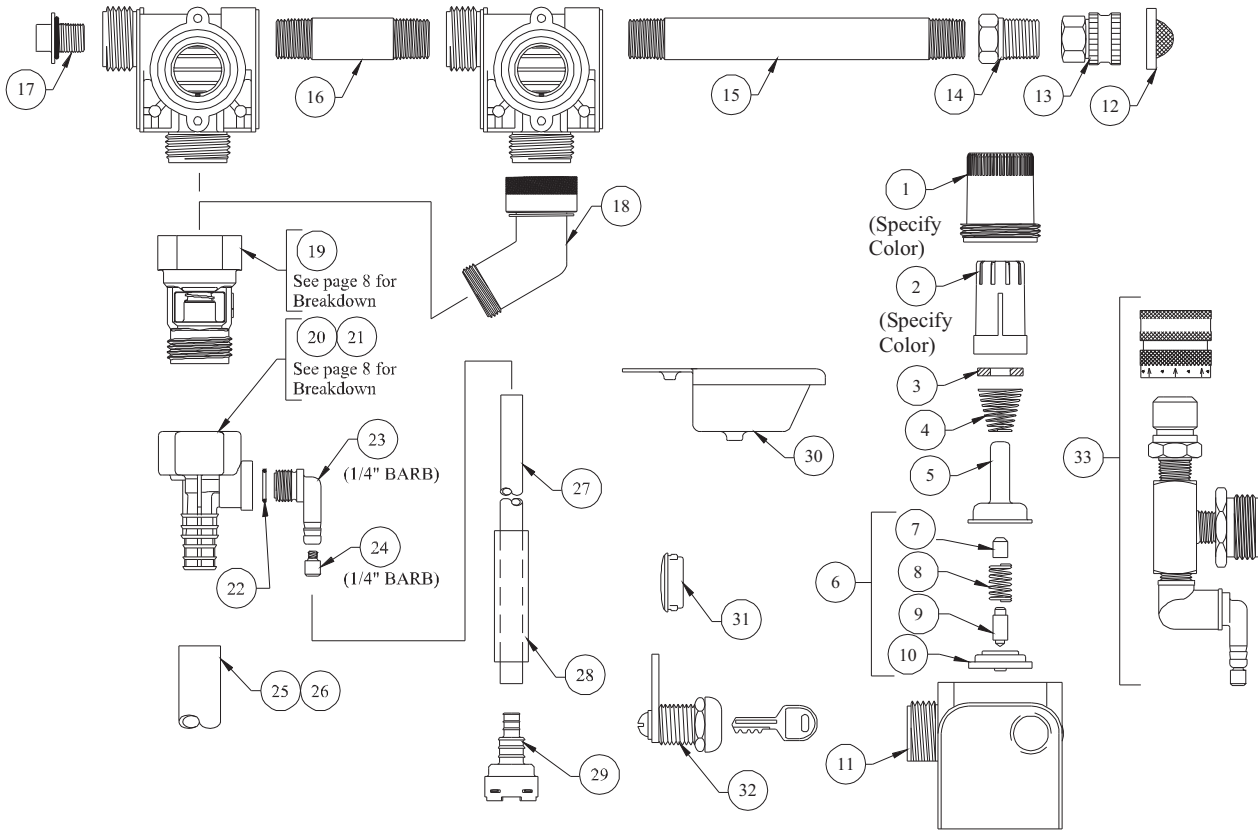
DEMA MODEL 661GAP-1-PIA BLEND SAFE FOR THE CALIFORNIA PRISON SYSTEM



NO.	PART NO.	DESCRIPTION
1	100-38	STRAINER WASHER
2	65-10	COULPING
3	65-17-2	GARDEN HOSE SWIVEL ADAPTER
4	25-136-1	1/4" NPT ELBOW
5	16-11	1/4" NPT BALL VALVE
6	26-19	1/4" X 3/8" FPT ELBOW
7	65-18-1	HOSE ADAPTER
8	16-30	ACTION GAP ASSEMBLY
9	61-22-3	4 GPM PROPORTIONER
10	76-2-1	HOSE CLAMP
11	100-164-14	TUBING AND FOOT VALVE ASSEMBLY
12	61-107-2	WEIGHT
13	100-16E-2	FOOT VALVE

* Foot Valve also available with silicone (100-16S-2) or Viton (100-16V-2) rubber seals. Please specify material when ordering

DEMA 661GAP-4 BLEND SAFE



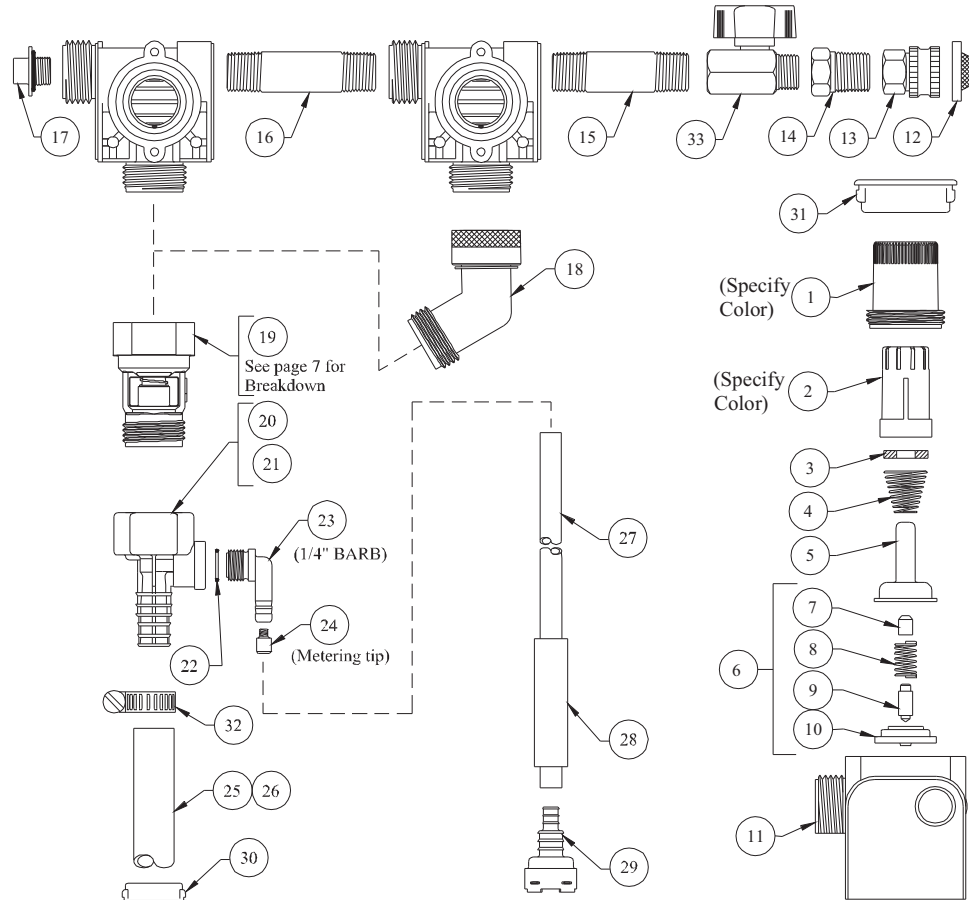
NO.	PART NO.	DESCRIPTION
1	66-139	Magnet Housing (Specify Color)
2	66-140	Push Button (Specify Color)
3	63-35	Magnet
4	63-36	Spring
5	41-7-25	Enclosing Tube
6	63-87	Valve Repair Kit
7	63-37	Spacer
8	41-1-8	Kick-off Spring
9	63-38	Plunger
10	41-15-10	Diaphragm
11	63-39	Valve Body
12	100-38	Strainer Washer
13	93-19	Swivel Adapter
14	66-27	Bushing 3/8" FPT X 1/2" MPT
15	99-5-11	Pipe Nipple 3/8" NPT X 5 1/2" Lg.
16	99-5-3	Pipe Nipple 3/8" NPT X 2 1/2" Lg.
17	66-153	Pipe Plug & O-Ring Assy.
18	65-16	45° Male X Female GH Adapter (For 4 GPM Prop. Only)
19	16-30	Action Gap Assembly

NO.	PART NO.	DESCRIPTION
20	61-22-3	4 GPM (1/4" Barb) Proportioner (Gray)
21	61-99-2	1 GPM (1/4" Barb) Proportioner (Green)
22	63-78	O-Ring
23	63-79	Inlet Barb (1/4" Barb)
24	100-15K	Metering Tip Kit (14 Sizes)
25	61-21	1/2" ID X 6' Lg. Vinyl Outlet Tube (4 GPM Only)
26	16-3-6	1/2" ID X 6" Lg. Vinyl Outlet Tube (1 GPM Only)
27	66-28	1/4" ID X 21" Lg. Vinyl Supply Tube
28	61-107-2	Ceramic Weight
29*	61-16E	Foot Valve
30	66-23-1	Drip Tray
31	61-71	Snap Bushing
32	66-21	Cabinet Lock

- Foot Valve also available with silicone (100-16S) or Viton 100-16V rubber seals. Please specify material when ordering.

ACCESSORIES		
NO.	PART NO.	DESCRIPTION
33	68-6-QD2	Pressure Indicating Tee

DEMA MODEL 661GAP-4-PIA BLEND SAFE FOR THE CALIFORNIA PRISON SYSTEM

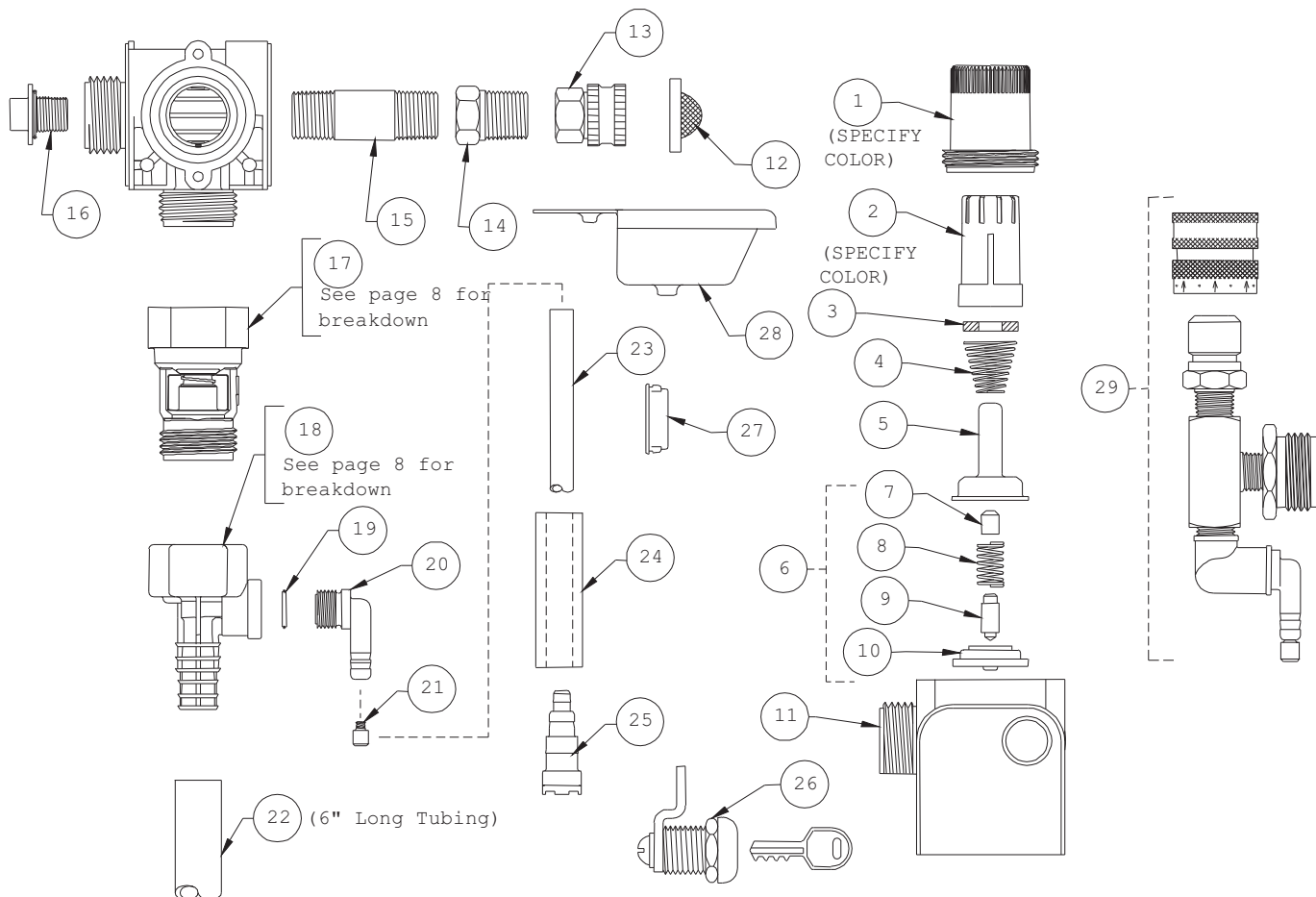


NO.	PART NO.	DESCRIPTION
1	66-139	Magnet Housing (Specify Color)
2	66-140	Push Button (Specify Color)
3	63-35	Magnet
4	63-36	Spring
5	41-7-25	Enclosing Tube
6	63-87	Valve Repair Kit
7	63-37	Spacer
8	41-1-8	Kick-off Spring
9	63-38	Plunger
10	41-15-10	Diaphragm
11	63-39	Valve Body
12	100-38	Strainer Washer
13	-	1/2" FPT x GHT
14	66-27	Bushing 3/8" FPT x 1/2" MPT
15	66-31	Nipple 3/8" NPT
16	99-5-3	Pipe Nipple 3/8"NPT

NO.	PART NO.	DESCRIPTION
17	66-153	Pipe Plug & O-Ring Assy.
18	65-16	45 Deg. Male x Female 6H Adapter
19	16-30	Action GAP Backflow Preventer
20	61-22-3	4 GPM DbI Barb Proportioner - 1/4" Barb
21	61-99-2	1 GPM DbI Barb Proportioner - 1/4" Barb
22	63-78	O-Ring EPT 7/16" x 9/16" x 1/16"
23	63-79	Inlet Barb 1/4"
24	100-15-3 100-15-9	Pink Tip for 1 GPM Proportioner Blue Tip for 4 GPM Proportioner
25	66-323	1/2" ID Vinyl Outlet Tube (4 GPM Only)
26	66-322	1/2" ID X 3" Lg. Vinyl Outlet Tube (1 GPM Only)
27	66-28	1/4" ID X 21" Lg. Vinyl Supply Tubing
28	61-107-2	Ceramic Weight
29*	100-16E-2	Foot Valve
30	61-12	Snap Busing (Outlet Tube)
31	61-13	Snap Bushing (Push Button)
32	76-2-1	Clamp
33	65-2	Ball Valve 3/8NPT

* Foot Valve also available with silicone (100-16S-2) or Viton (100-16V-2) rubber seals. Please specify material when ordering

DEMA BLEND SAFE MODEL: 661GAPB



NO.	PART NO.	DESCRIPTION
1	66-139	Magnet Housing (Specify Color)
2	66-140	Push Button (Specify Color)
3	63-35	Magnet
4	63-36	Spring
5	41-7-25	Enclosing Tube
6	63-87	Valve Repair Kit
7	63-37	Spacer
8	41-1-8	Kick-off spring
9	63-38	Plunger
10	41-15-10	Diaphragm
11	63-39	Valve Body
12	100-38	Strainer Washer
13	93-19	Swivel Adapter 1/2 NPT
14	66-27	Bushing
15	68-8	Pipe Nipple (3/8" NPT X 2" Lg.)
16	66-153	Pipe Plug & O-Ring Assy.
17	16-30	Action Gap Assembly
18	61-99GAP-2	1 GPM (1/4" Barb) Proportioner (Green)

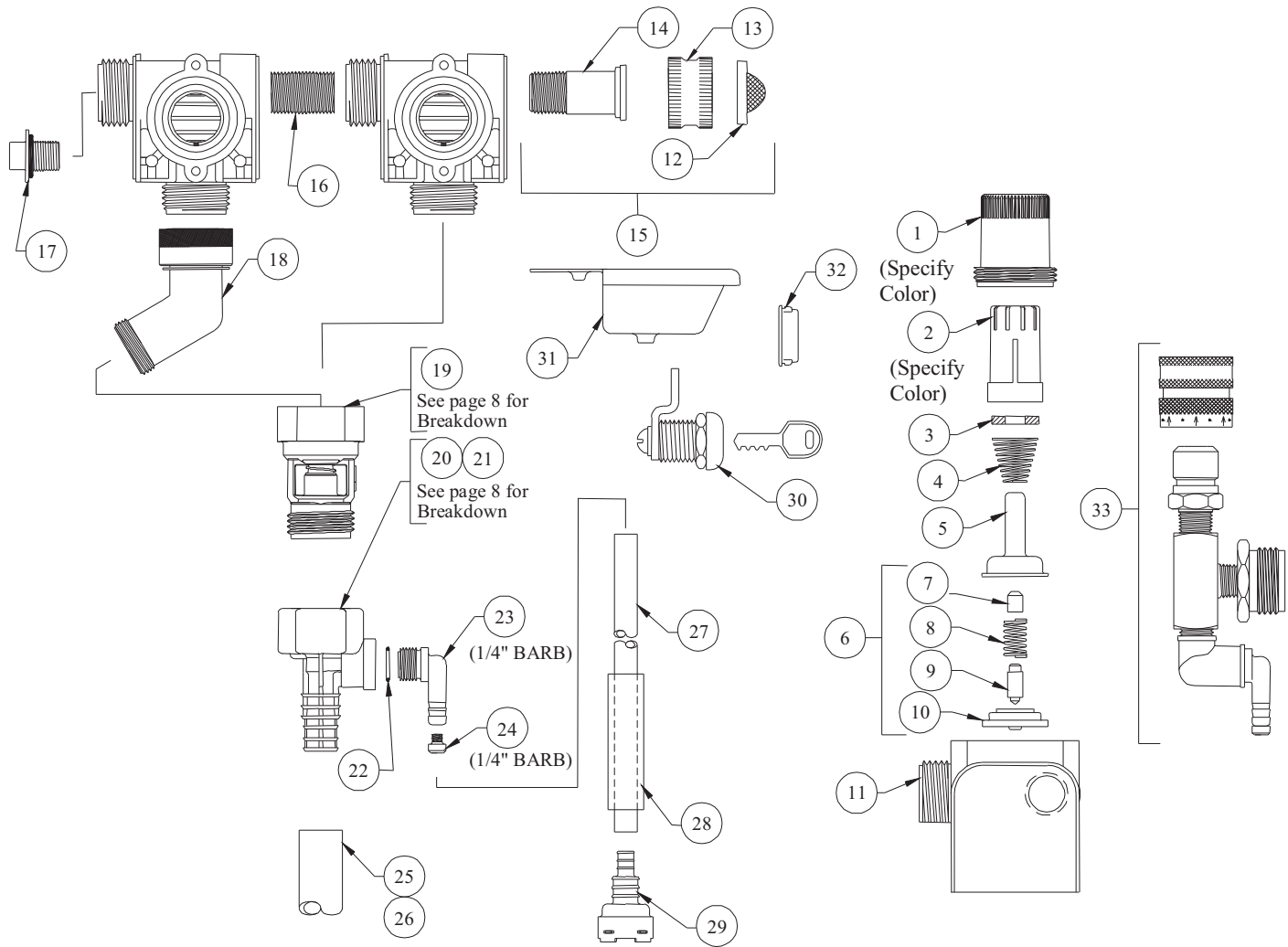
NO.	PART NO.	DESCRIPTION
19	63-78	O-Ring
20	63-79	Inlet Barb (1/4" Barb)
21	100-15K	Metering Tip Kit-14 Sizes
22	16-3-6	1/2" I.D. X 6" Lg. Vinyl Outlet Tube (1 GPM Only)
23	66-28	1/4" ID X 21" Lg. Vinyl Supply Tubing
24	61-107-2	Ceramic Weight
25	100-11P	Foot Valve
26	66-21	Cabinet Lock
27	61-71	Snap Bushing
28	66-23-1	Drip

ACCESSORIES

NO.	PART NO.	DESCRIPTION
29	68-6-QD2	Pressure Indicating Tee

DEMA BLEND CENTER

MODEL: 661GAPDB



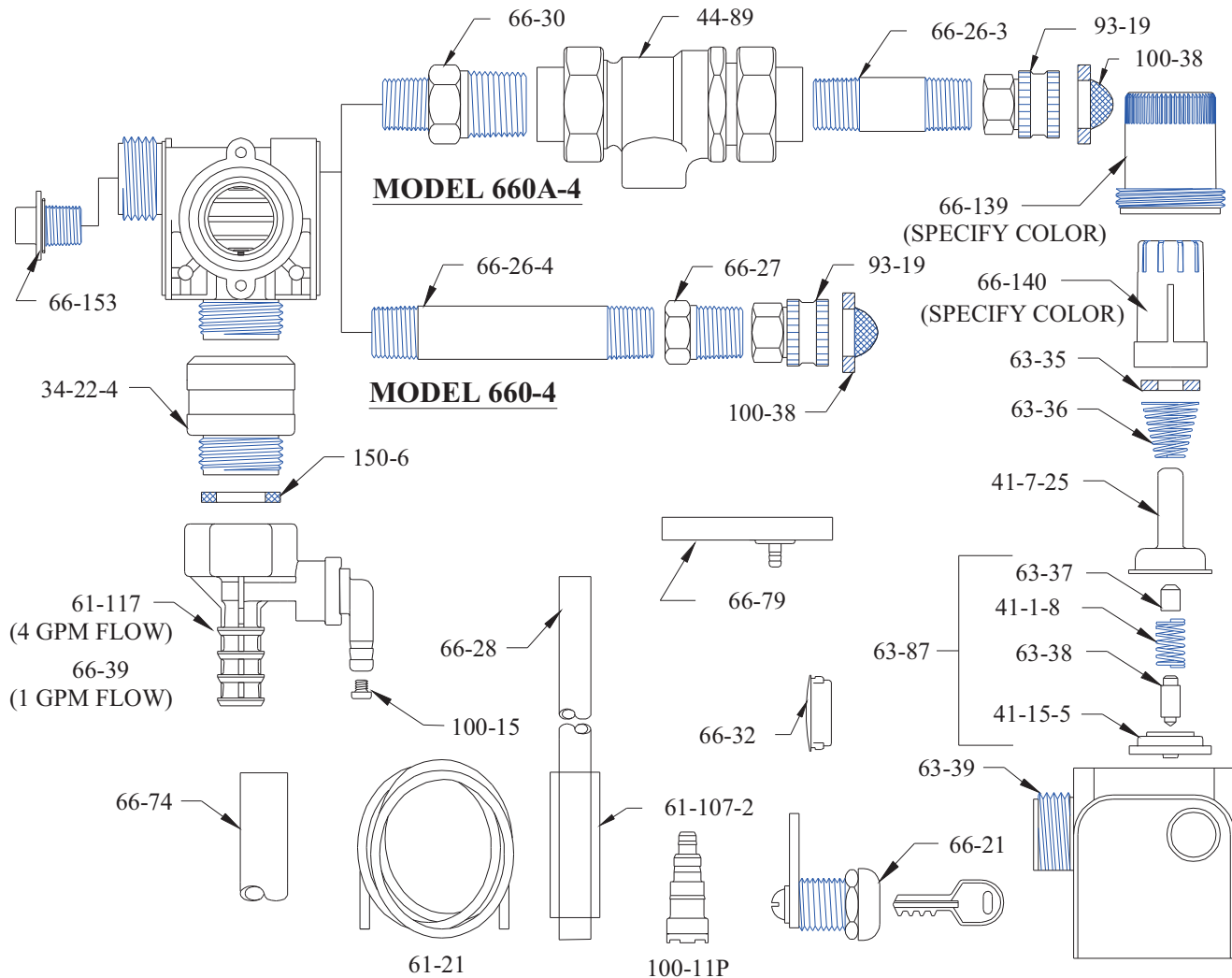
NO.	PART NO.	DESCRIPTION
1	66-139	Magnet Housing (Specify Color)
2	66-140	Push Button (Specify Color)
3	63-35	Magnet
4	63-36	Spring
5	41-7-25	Enclosing Tube
6	63-87	Valve Repair Kit
7	63-37	Spacer
8	41-1-8	Kick-off Spring
9	63-38	Plunger
10	41-15-10	Diaphragm
11	63-39	Valve Body
12	100-38	Strainer Washer
13	65-10	Garden Hose Thread Coupling
14	65-100-1	Hose Fitting Stem (1.53" Lg.)
15	63-32-1	Inlet Adapter Kit
16	66-31	3/8" Close Nipple
17	66-153	Pipe Plug & O-Ring Assy.

NO.	PART NO.	DESCRIPTION
18	65-16	45° Male X Female 6H Adapter
19	16-30	Action Gap Assembly
20	61-22GAP-2	4 GPM (1/4" Barb) Proportioner (Gray)
21	61-99GAP-2	1 GPM (1/4" Barb) Proportioner (Green)
22	63-78	O-Ring
23	63-79	Inlet Barb (1/4" Barb)
24	100-15K	Metering Tip Kit-14 Sizes
25	16-3-6	1/2" I.D. X 6" Lg. Vinyl Outlet Tube (1 GPM Only)
26	61-21	1/2" ID X 6' Lg. Vinyl Outlet Tube (4 GPM Only)
27	66-28	1/4" ID X 21" Lg. Vinyl Supply Tubing
28	61-107-2	Ceramic Weight
29	100-16E-2	Foot Valve
30	66-21	Cabinet Lock
31	66-23-1	Drip Tray
32	61-71	Snap Bushing

ACCESSORIES

NO.	PART NO.	DESCRIPTION
33	68-6-QD2	Pressure Indicating Tee

BLEND SAFE, MODELS: 661S-4



PART NO.	DESCRIPTION
34-22-4	SIPHON BREAKER (660-4 ONLY)
41-1-8	KICK-OFF SPRING
41-7-25	ENCLOSING TUBE
41-15-5	DIAPHRAGM
44-89	SIPHON BREAKER (660A-4 ONLY)
61-21	6' LG. VINYL OUTLET TUBING
61-107-2	CERAMIC WEIGHT
61-117	4 GPM PROPORTIONER
63-35	MAGNET
63-36	SPRING
63-37	SPACER
63-38	PLUNGER
63-39	VALVE BODY
63-87	VALVE REPAIR KIT
66-21	CABINET LOCK
66-26-4	PIPE, 5 1/4" LG. (660-4 ONLY)

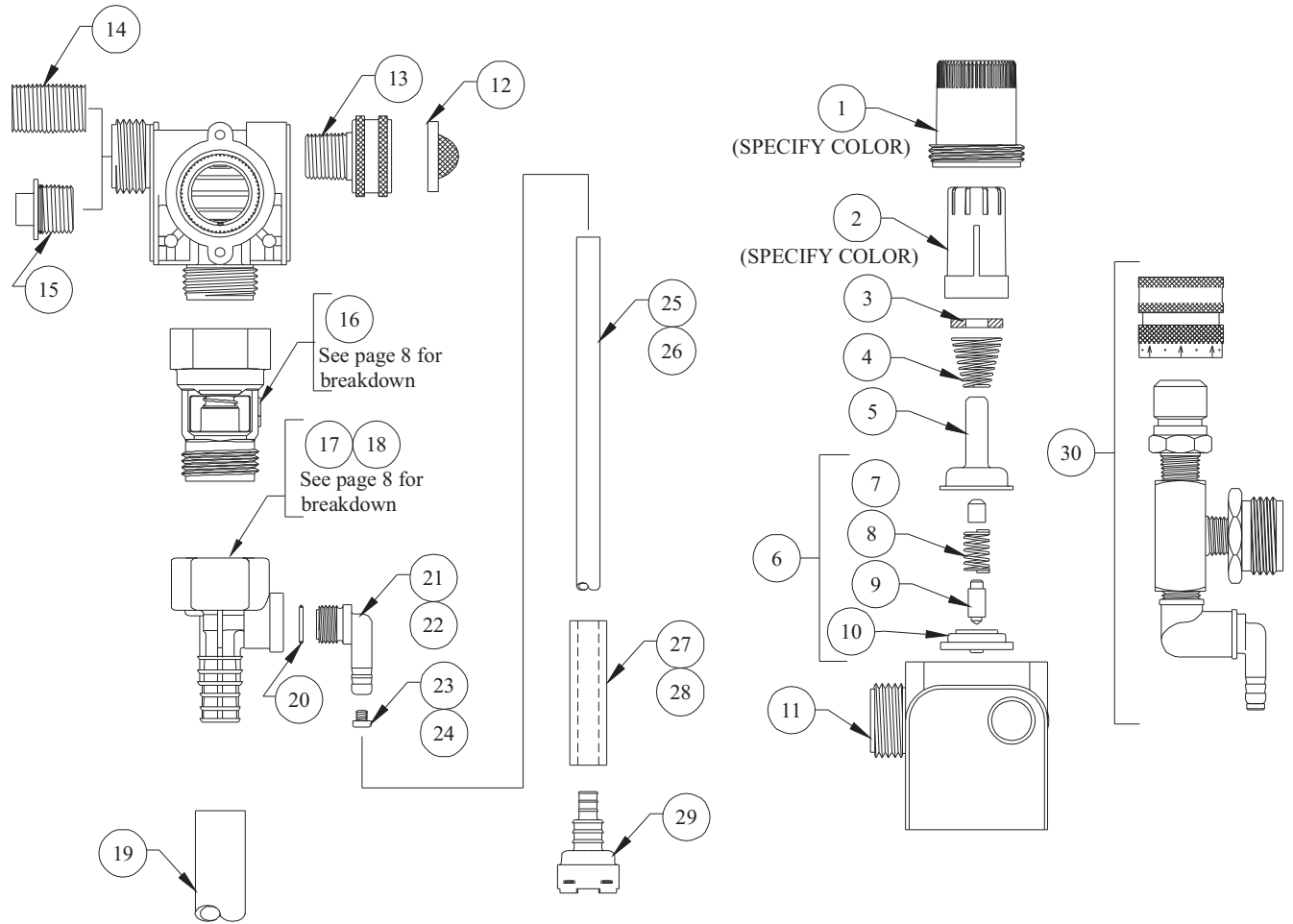
PART NO.	DESCRIPTION
66-26-3	PIPE, 2 1/2 LG. (660A-4 ONLY)
66-27	BUSHING (660-4 ONLY)
66-28	VINYL TUBING
66-30	REDUCER (660A-4 ONLY)
66-32	KNOCK-OUT PLUG
66-39	1 GPM PROPORTIONER
66-74	1/2 I.D TUBE X 6" LG. 1 GPM ONLY
66-79	DRIP TRAY
66-139	MAGNET HOUSING (SPECIFY COLOR)
66-140	PUSH BUTTON (SPECIFY COLOR)
66-153	PIPE PLUG & O-RING
93-19	SWIVEL ADAPTOR
100-11P	FOOT VALVE
100-38	INLET SCREEN
150-6	GARDEN HOSE RUBBER WASHER

ACCESSORIES

100-15K	METERING TIP KIT (13 SIZES)
163CB	MEDIUM CAPACITY PROPORTIONER
163CH	HIGH CAPACITY PROPORTIONER

DEMA BLEND CENTER

MODEL: 681-5GAP



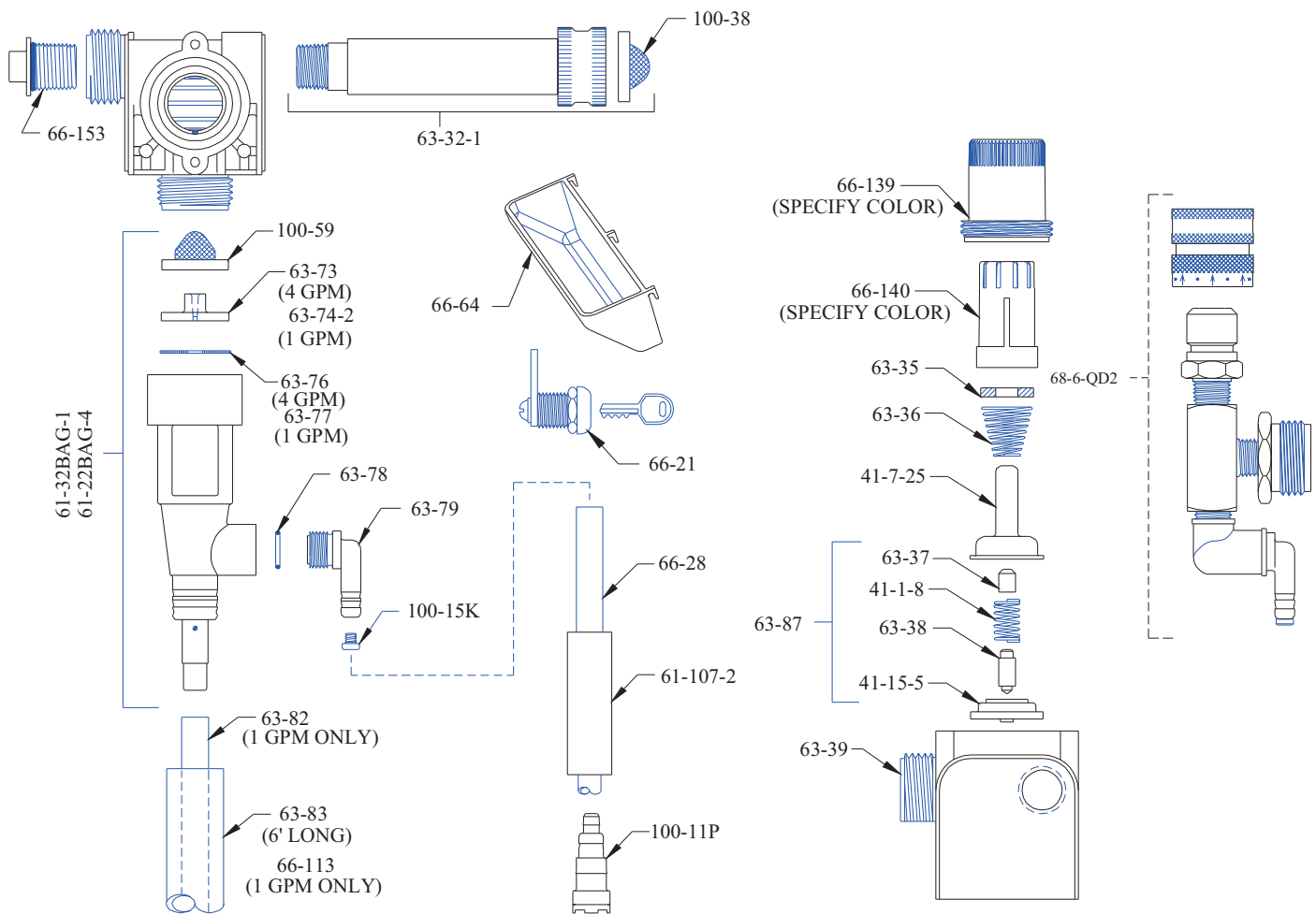
NO.	PART NO.	DESCRIPTION
1	66-139	Magnet Housing (Specify Color)
2	66-140	Push Button (Specify Color)
3	63-35	Magnet
4	63-36	Spring
5	41-7-25	Enclosing Tube
6	63-87	Valve Repair Kit
7	63-37	Spacer
8	41-1-8	Kick-off spring
9	63-38	Plunger
10	41-15-5	Diaphragm, EP
11	63-39	Valve Body
12	100-38	Strainer Washer
13	93-44	Pipe To Garden Hose Adaptor
14	66-31	Close Nipple
15	66-153	Pipe Plug & O-Ring Assy.
16	16-30	Action Gap Assembly
17	61-22GAP-2	4 GPM (1/4" Barb) Proportioner (Gray)
18	61-99GAP-2	1 GPM (1/4" Barb) Proportioner (Green)

NO.	PART NO.	DESCRIPTION
19	61-21	1/2" ID X 6' Lg. Vinyl Outlet Tube (4 GPM Only)
20	16-3-6	1/2" I.D. X 6" Lg. Vinyl Outlet Tube (1 GPM Only)
21	63-78	O-Ring, EP
22	63-79	Inlet Barb (1/4" Barb)
23	63-80	Inlet Barb (3/8" Barb)
24	100-15K	Metering Tip Kit (1/4" Barb)
25	61-9K	Metering Tip Kit (3/8" Barb)
26	100-12	1/4" ID X 8' Lg. Vinyl Supply Tubing
27	61-107-2	Ceramic Weight (For 1/4" Tube)
28	61-107	Ceramic Weight (For 3/8" Tube)
29	100-16E-1	Foot Valve

ACCESSORIES

NO.	PART NO.	DESCRIPTION
30	68-6-QD2	Pressure Indicating Tee
31	61-25-2	Fresh Water Outlet Kit

BLEND SAFE MODELS: 662-2AG, 662-3AG, and 662-4AG-4



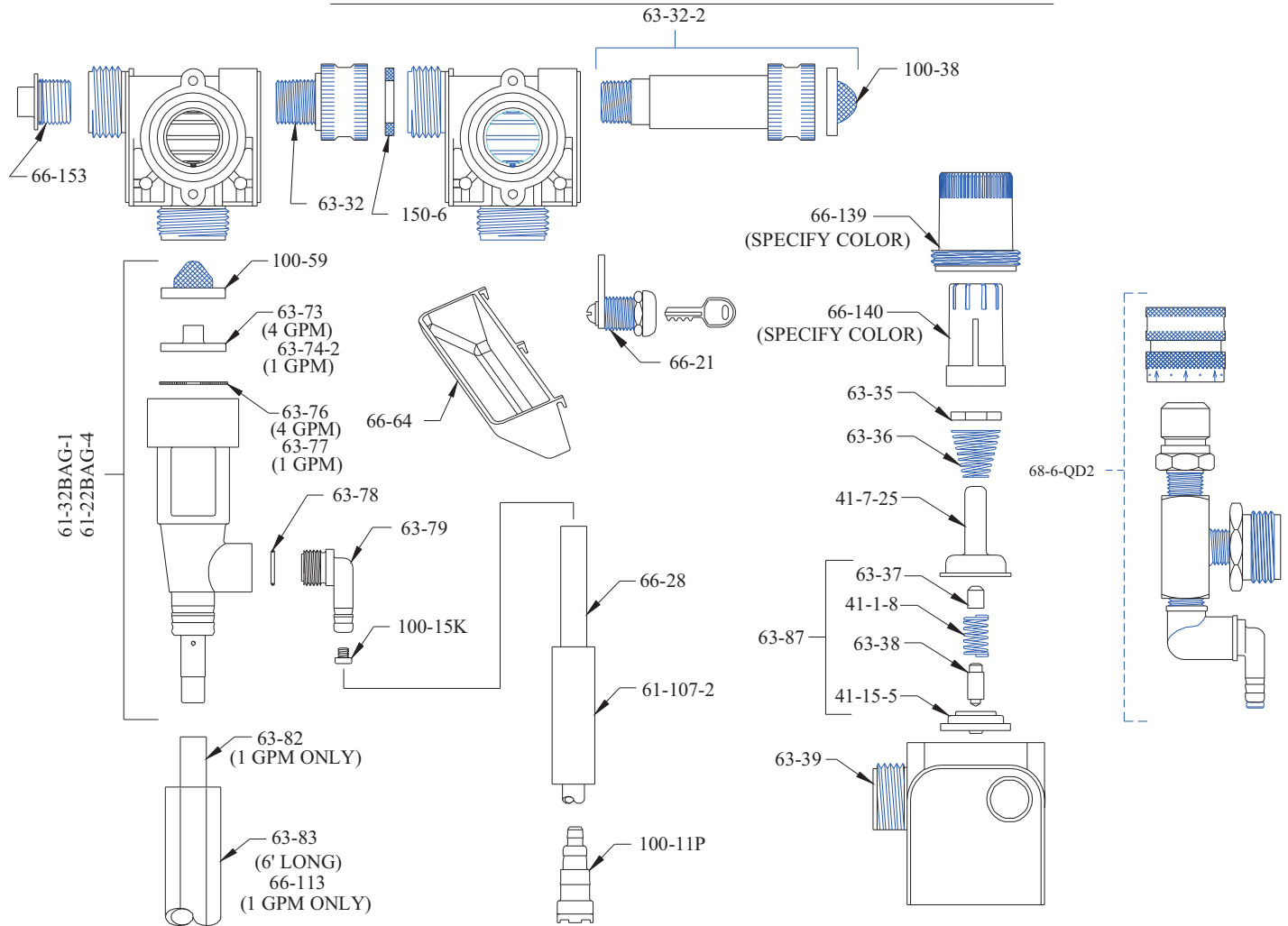
PART NO.	DESCRIPTION
41-1-8	KICK-OFF SPRING
41-7-25	ENCLOSING TUBE
41-15-5	DIAPHRAGM
61-22BAG-4	4 GPM (1/4" BARB) PROPORTIONER
61-32BAG-1	1 GPM (1/4" BARB) PROPORTIONER
61-107-2	CERAMIC WEIGHT
63-32-1	INLET ADAPTER KIT
63-35	MAGNET
63-36	SPRINGER
63-37	SPACER
63-38	PLUNGER
63-39	VALVE BODY
63-73	NOZZLE (4 GPM)
63-74	NOZZLE (1 GPM)
63-76	SCREEN (4 GPM)
63-77	SCREEN (1 GPM)
63-78	O-RING
63-79	INLET BARB (1/4" BARB)
63-82	VINYL TUBE 1/4 ID X 7" (1 GPM ONLY)
63-83	VINYL TUBE (9/16 ID X 6' LG)
63-87	VALVE REPAIR KIT

PART NO.	DESCRIPTION
66-21	CABINET LOCK
66-28	VINYL TUBING
66-64	DRIP TRAY (1 GPM STATION ONLY)
66-113	OUTLET TUBE 9/16" ID X 6.5" (1 GPM ONLY)
66-139	MAGNET HOUSING (SPECIFY COLOR)
66-140	PUSH BUTTON (SPECIFY COLOR)
66-153	PIPE PLUG & O-RING ASSY.
100-11P	FOOT VALVE
100-15K	METERING TIP KIT-14 SIZES
100-38	STRAINER WASHER
100-59	STRAINER WASHER
163AG	4 GPM AIR GAP PRPORTIONER
164AG	1 GPM AIR GAP PRPORTIONER

ACCESSORIES

PART NO.	DESCRIPTION
68-6-QD2	PRESSURE INDICATING TEE

DEMA 662-4AG-2 BLEND SAFE



PART NO.	DESCRIPTION
41-1-8	KICK-OFF SPRING
41-7-25	ENCLOSING TUBE
41-15-5	DIAPHRAGM
61-22BAG-4	4 GPM (1/4" BARB) PROPORTIONER
61-32BAG-1	1 GPM (1/4" BARB) PROPORTIONER
61-107-2	CERAMIC WEIGHT
63-32	INLET ADAPTER KIT
63-32-2	INLET ADAPTER KIT
63-35	MAGNET
63-36	SPRING
63-37	SPACER
63-38	PLUNGER
63-39	VALVE BODY
63-73	NOZZLE (4 GPM)
63-74-2	NOZZLE (1 GPM)
63-76	SCREEN (4 GPM)
63-77	SCREEN (1 GPM)
63-78	O-RING
63-79	INLET BARB (1/4" BARB)
63-82	OUTLET TUBE 1/4 ID X 7" (1 GPM ONLY)
63-83	VINYL TUBE 9/16 ID X 6' LG (4 GPM ONLY)

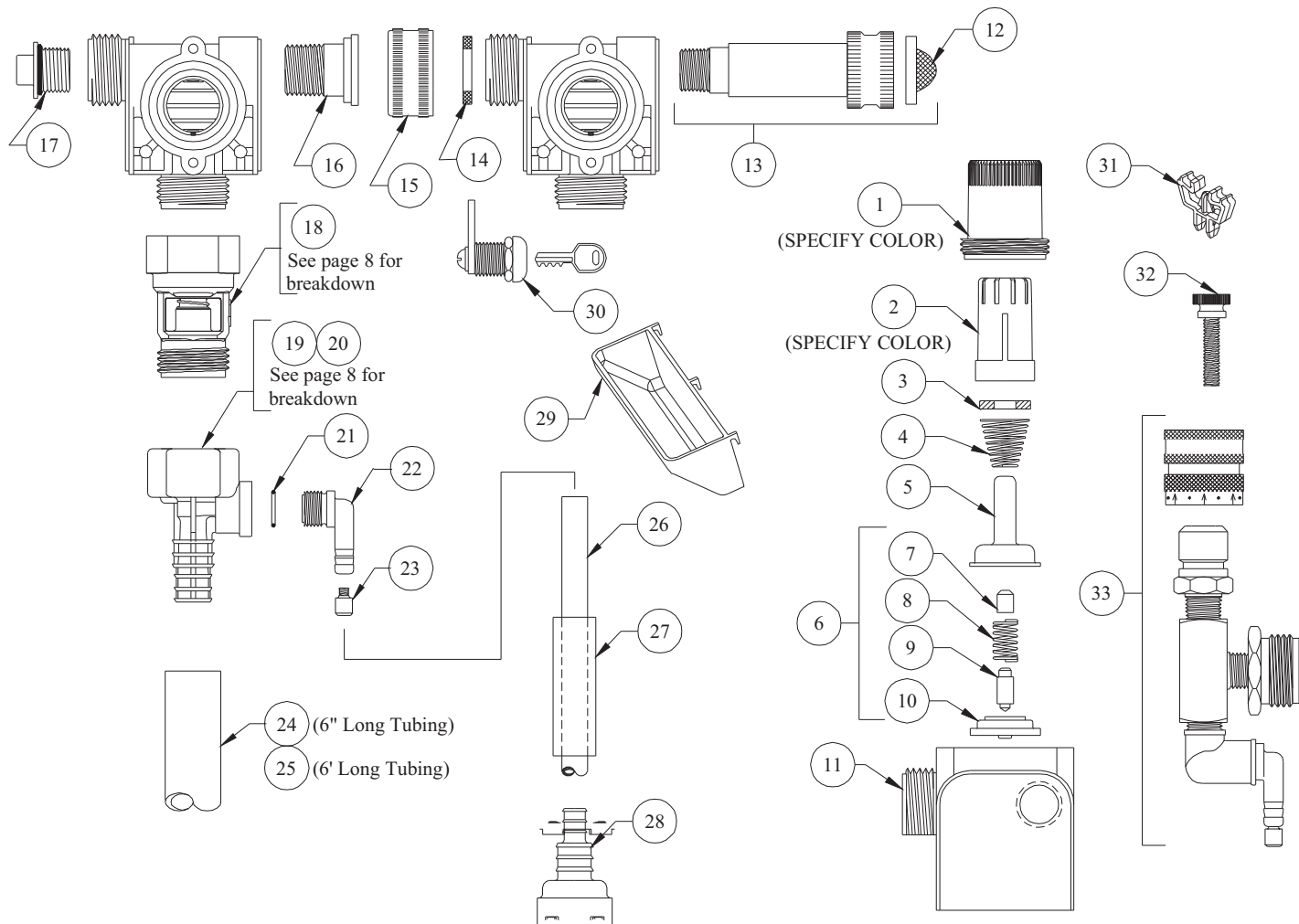
PART NO.	DESCRIPTION
63-87	VALVE REPAIR KIT
66-21	CABINET LOCK
66-28	VINYL TUBE (7/32" ID X 21" LG.)
66-64	DRIP TRAY
66-113	OUTLET TUBE 9/16" ID X 6.5" (1 GPM ONLY)
66-139	MAGNET HOUSING (SPECIFY COLOR)
66-140	PUSH BUTTON (SPECIFY COLOR)
66-153	PIPE PLUG
100-11P	FOOT VALVE
100-15K	METERING TIP KIT-14 SIZES
100-38	STRAINER WASHER
100-59	STRAINER WASHER
150-6	RUBBER WASHER
163AG	4 GPM AIR GAP PROPORTIONER
164AG	1 GPM AIR GAP PROPORTIONER

ACCESSORIES

PART NO.	DESCRIPTION
68-6-QD2	PRESSURE INDICATING TEE

DEMA BLEND SAFE

MODEL 662-4GAP-(XXXX)-2



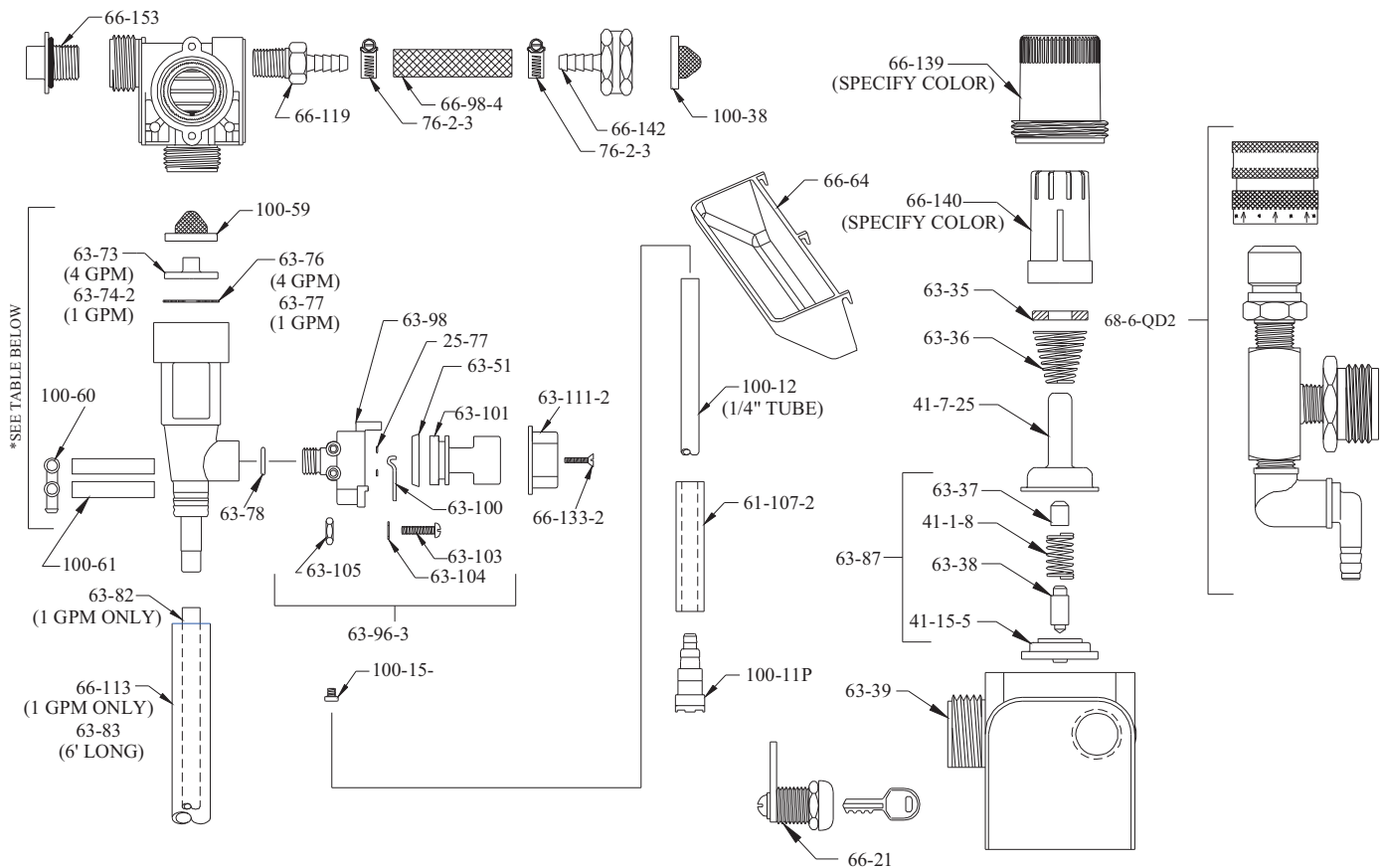
QTY.	PART NO.	DESCRIPTION
1	66-139	Magnet Housing (Specify Color)
2	66-140	Push Button (Specify Color)
3	63-35	Magnet
4	63-36	Spring
5	41-7-25	Enclosing Tube
6	63-87	Valve Repair Kit
7	63-37	Spacer
8	41-1-8	Kick-off spring
9	63-38	Plunger
10	41-15-5	Diaphragm
11	63-39	Valve Body
12	100-38	Strainer Washer
13	63-32-2	Inlet Adapter Kit
14	150-6	Rubber Washer
15	65-10	Garden Hose Thread Coupling
16	99-7-1	Hose Fitting Stem
17	66-153	Pipe Plug & O-Ring Assy.

QTY.	PART NO.	DESCRIPTION
18	16-30	Action Gap Assembly
19	61-99GAP-2	1 GPM (1/4" Barb) Proportioner (Green)
20	61-22GAP-2	4 GPM (1/4" Barb) Proportioner (Gray)
21	63-78	O-Ring
22	63-79	Inlet Barb (1/4" Barb)
23	100-15K	Metering Tip Kit-14 Sizes
24	16-3-6	1/2" I.D. X 6" Lg. Vinyl Outlet Tube (1 GPM Only)
25	61-21	1/2" ID X 6' Lg. Vinyl Outlet Tube (4 GPM Only)
26	100-12-16	1/4" ID X 28" Lg. Vinyl Supply Tubing
27	61-107-2	Ceramic Weight
28	100-16E	Foot Valve
29	66-64	Drip Tray
30	66-21	Cabinet Lock
31	67-4-1	Box Clip
32	66-63	Thumbscrew

ACCESSORIES

QTY.	PART NO.	DESCRIPTION
33	68-6-QD2	PRESSURE INDICATING TEE

DEMA 662-635AG BLEND SAFE



PART NO.	DESCRIPTION
25-77	O-RING
41-1-8	KICK-OFF SPRING
41-7-25	ENCLOSING TUBE
41-15-5	DIAPHRAGM
61-22BAG-4	*4 GPM PROPORTIONER ASSY
61-126AG-1	*1 GPM PROPORTIONER ASSY
61-107-2	CERAMIC WEIGHT
63-35	MAGNET
63-36	SPRING
63-37	SPACER
63-38	PLUNGER
63-39	VALVE BODY
63-51	"U" CUP
63-73	NOZZLE (4 GPM)
63-74-2	NOZZLE (1 GPM)
63-76	SCREEN (4 GPM)
63-77	SCREEN (1 GPM)
63-78	O-RING
63-82	VINYL TUBE (3/16" ID X 7" LG)
63-87	VINYL TUBE (3/16" ID X 7" LG)
63-87	VALVE REPAIR KIT
63-96-3	SELECTOR VALVE ASSEMBLY
63-98	SELECTOR VALVE BODY
63-100	SPRING
63-101	KNOB
63-103	SCREW

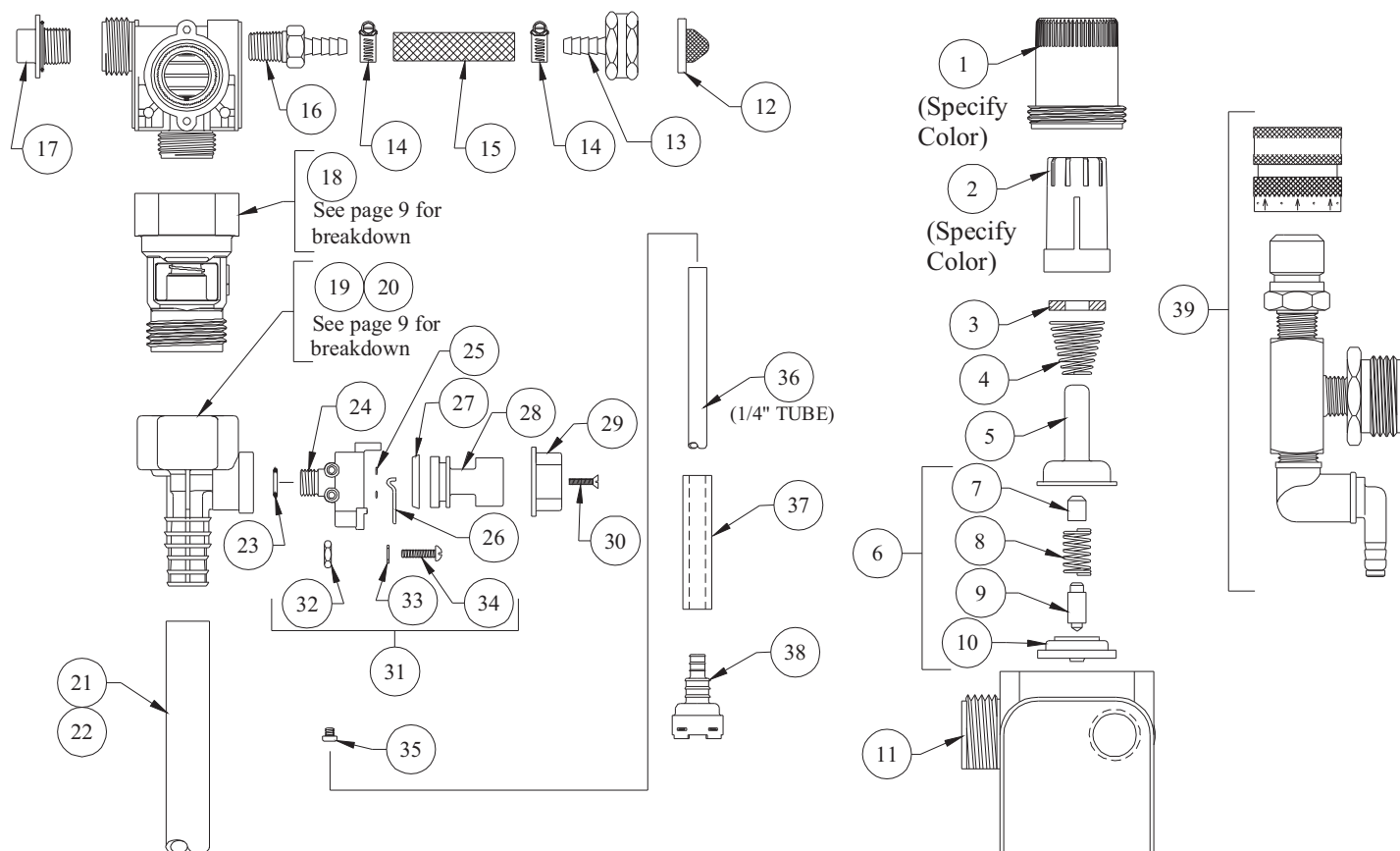
PART NO.	DESCRIPTION
63-104	WASHER
63-105	NUT
63-111-2	SELECTOR KNOB
63-133-2	SCREW
66-21	CASE LOCK
66-64	DRIP TRAY (1 GPM ONLY)
66-98-4	NYLON BRAIDED TUBE (3/8" ID X 3" LG.)
66-113	VINYL TUBE (9/16" ID X 6.5" LG) 1 GPM ONLY
66-119	HOSE BARB (3/8" BARB X 3/8" MPT)
66-139	MAGNET HOUSING (SPECIFY COLOR)
66-140	PUSH BUTTON (SPECIFY COLOR)
66-142	HOSE BARB (3/8" BARB X FEMALE G.H. SWIVEL)
66-153	PIPE PLUG & O-RING ASSY.
76-2-3	HOSE CLAMP
100-11P	FOOT VALVE
100-12	VINYL TUBE (1/4 ID X 8" LG.)
100-15-	METERING TIP (SPECIFY COLOR)
100-38	STRAINER WASHER
100-59	STRAINER WASHER
100-60	TEE
100-61	VINYL TUBING (1/4 I.D. X 4" LG)

ACCESSORIES

61-25-2	FRESH WATER OUTLET KIT
68-6-QD2	PRESSURE INDICATING TEE
100-15K	METERING TIP KIT (14 SIZES)

BLEND SAFE

MODELS: 66-149GAP-1 & 66-149GAP-2



NO.	PART NO.	DESCRIPTION
1	66-139	Magnet Housing (Specify Color)
2	66-140	Push Button (Specify Color)
3	63-35	Magnet
4	63-36	Spring
5	41-7-25	Enclosing Tube
6	63-87	Valve Repair Kit
7	63-37	Spacer
8	41-1-8	Kick-off Spring
9	63-38	Plunger
10	41-15-5	Diaphragm (EP)
11	63-39	Valve Body
12	100-38	Strainer Washer
13	66-142	Hose Barb (3/8" Barb X Female G.H. Swivel)
14	76-2-3	Hose Clamp
15	66-98-4	Nylon Braided Tube (3/8" ID X 3" Lg.)
16	66-119	Hose Barb (3/8" Barb X 3/8" MPT)
17	66-153	Pipe Plug & O-Ring Assy.
18	16-30	Action Gap Assembly
19	61-22GAP-3	4 GPM Proportioner (Gray)
20	61-99GAP-3	1 GPM Proportioner (Green)
21	16-3-6	1/2" I.D. X 6" Lg. Vinyl Outlet Tube (1 GPM Only)
22	61-21	1/2" ID X 6' Lg. Vinyl Outlet Tube (4 GPM Only)

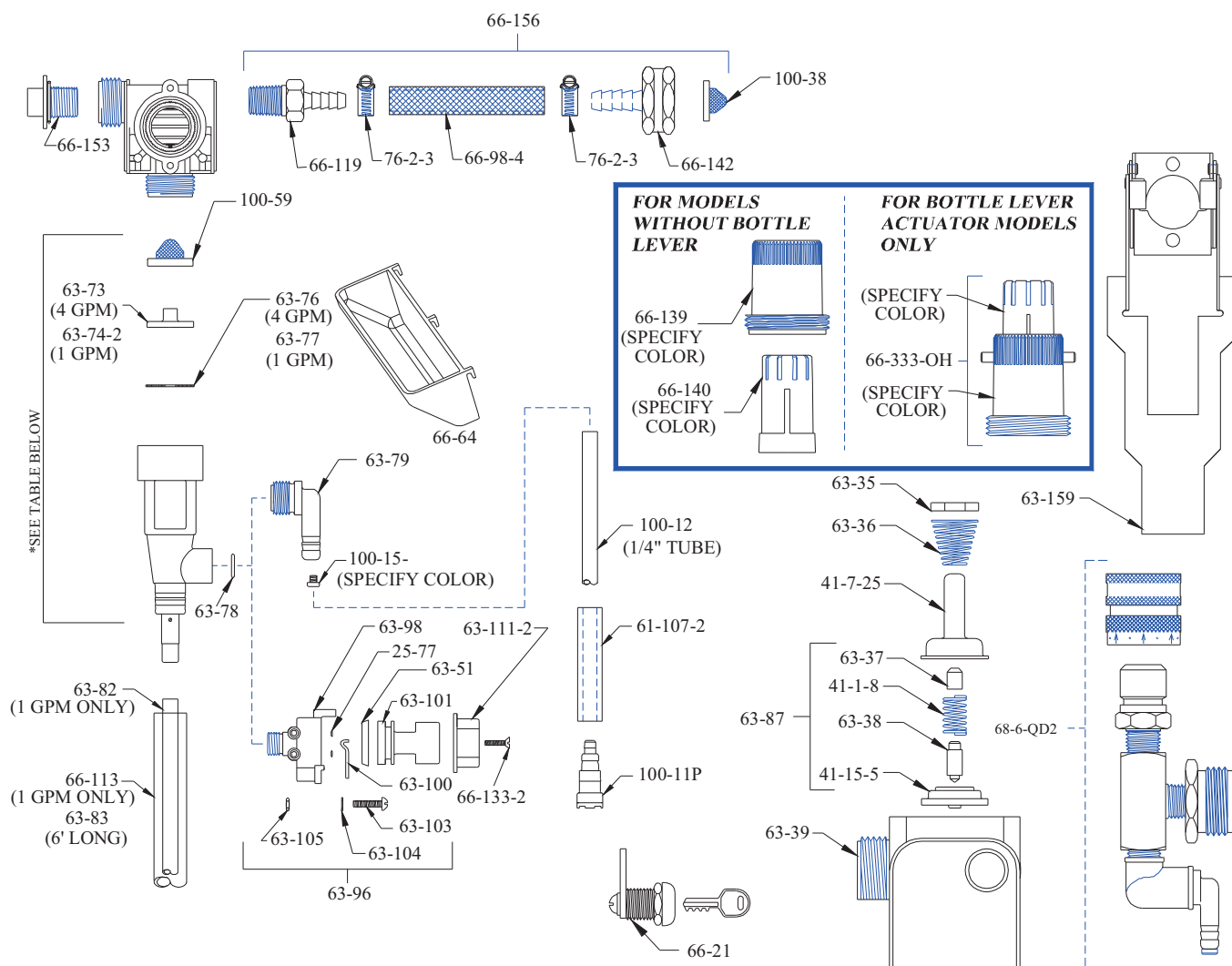
NO.	PART NO.	DESCRIPTION
23	63-78	O-Ring (EP)
24	63-98	Selector Valve Body
25	25-77	O-Ring (Silicone)
26	63-100	Retainer Spring
27	63-51	"U" Cup
28	63-101-2	Selector Knob
29	63-111-2	Stamped Selector Knob
30	58-60	#6 Hi Lo Screw 1/2" Lg.
31	63-96-3	Selector Valve Assembly
32	66-13	Nut
33	63-104	Washer
34	63-103	#8-32 Round Head Screw 3/4" Lg.
35	100-15K-1	Metering Tip Kit (14 Sizes)
36	100-12	1/4 ID X 8' Lg. Vinyl Supply Tubing
37	61-107-2	Ceramic Weight
38*	100-16E-1	Foot Valve

ACCESSORIES

QTY.	PART NO.	DESCRIPTION
39	68-6-QD2	Pressure Indicating Tee

*Foot Valve also available with silicone (100-16S-1) or Viton (100-16V-1 rubber seals.
Please specify material when ordering.

DEMA 662-637AG AND 662-637AG-10H BLEND SAFES



PART NO.	DESCRIPTION
25-77	O-RING
41-1-8	KICK-OFF SPRING
41-7-25	ENCLOSING TUBE
41-15-5	DIAPHRAGM
61-22BAG-4	*4 GPM PROPORTIONER ASSY
61-126AG-1	*1 GPM PROPORTIONER ASSY
61-107-2	CERAMIC WEIGHT
63-35	MAGNET
63-36	SPRING
63-37	SPACER
63-38	PLUNGER
63-39	VALVE BODY
63-51	"U" CUP
63-73	NOZZLE (4 GPM)
63-74-2	NOZZLE (1 GPM)
63-76	SCREEN (4 GPM)
63-77	SCREEN (1 GPM)
63-78	O-RING
63-79	INLET BARB (1/4" BARB)
63-82	VINYL TUBE (3/16" ID X 7" LG) 1 GPM ONLY
63-83	VINYL TUBE (9/16" ID X 6' LG)
63-87	VALVE REPAIR KIT
63-96	SELECTOR VALVE ASSEMBLY
63-98	SELECTOR VALVE BODY
63-100	SPRING
63-101	KNOB
63-103	SCREW

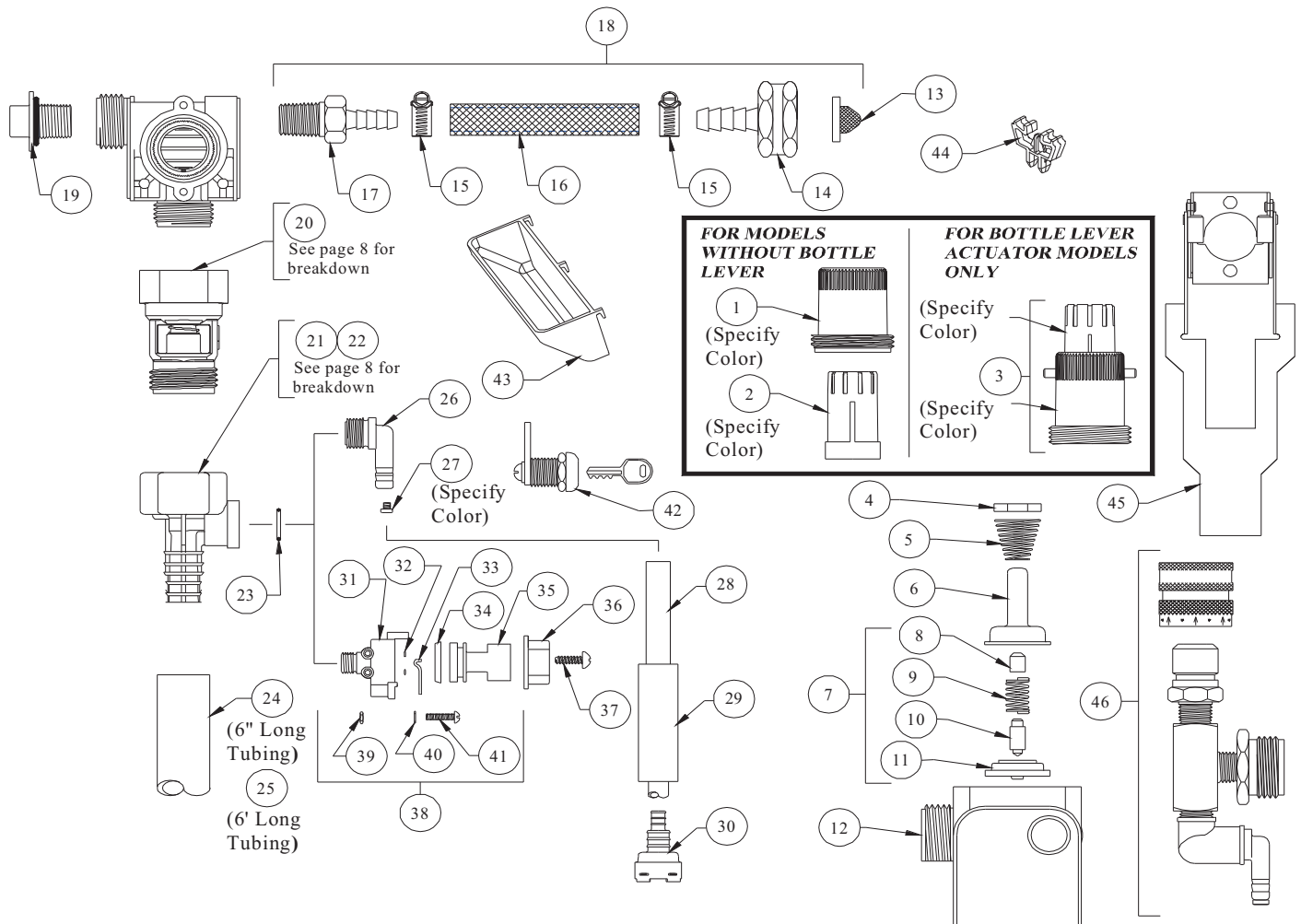
PART NO.	DESCRIPTION
63-104	WASHER
63-105	NUT
63-111-2	SELECTOR KNOB
63-159	BOTTLE LEVER
66-21	CASE LOCK
66-64	DRIP TRAY (1 GPM STATION ONLY)
66-98-4	3/8" BRAIDED TUBING
66-113	VINYL TUBE (9/16" ID X 6.5" LG) 1 GPM ONLY
66-119	HOSE BARB
66-133-2	#6 FL. HD. HI-LO SCREW
66-139	MAGNET HOUSING (SPECIFY COLOR)
66-140	PUSH BUTTON (SPECIFY COLOR)
66-142	GARDEN HOSE/ADAPTER BARB
66-153	PIPE PLUG & O-RING ASSY.
66-156	WATER INLET ASSEMBLY
66-333-OH	PUSH BUTTON KIT
76-2-3	HOSE CLAMP
100-11P	FOOT VALVE
100-12	VINYL TUBE (1/4 ID X 8" LG.)
100-15-	METERING TIP (SPECIFY COLOR)
100-38	STRAINER WASHER
100-59	STRAINER WASHER

ACCESSORIES

61-25-2	FRESH WATER OUTLET KIT
68-6-QD2	PRESSURE INDICATING TEE
100-15K	METERING TIP KIT (14 SIZES)

MODEL: 662-637GAP AND 662-637GAP-10H (ONE HAND FILL)

DEMA BLEND SAFE



QTY.	PART NO.	DESCRIPTION
1	66-139	Magnet Housing (Specify Color)
2	66-140	Push Button (Specify Color)
3	66-333-OH	Push Button Kit
4	63-35	Magnet
5	63-36	Spring
6	41-7-25	Enclosing Tube
7	63-87	Valve Repair Kit
8	63-37	Spacer
9	41-1-8	Kick-off spring
10	63-38	Plunger
11	41-15-5	Diaphragm
12	63-39	Valve Body
13	100-38	Strainer Washer
14	66-142	Garden Hose/Adapter Barb
15	76-2-3	Hose Clamp
16	66-98-4	3/8" Braided Tubing
17	66-119	Hose Barb
18	66-156	Water Inlet Assembly
19	66-153	Pipe Plug & O-Ring Assy.
20	16-30	Action Gap Assembly
21	61-22GAP-2	4 GPM (1/4" Barb) Proportioner (Gray)
22	61-99GAP-2	1 GPM (1/4" Barb) Proportioner (Green)

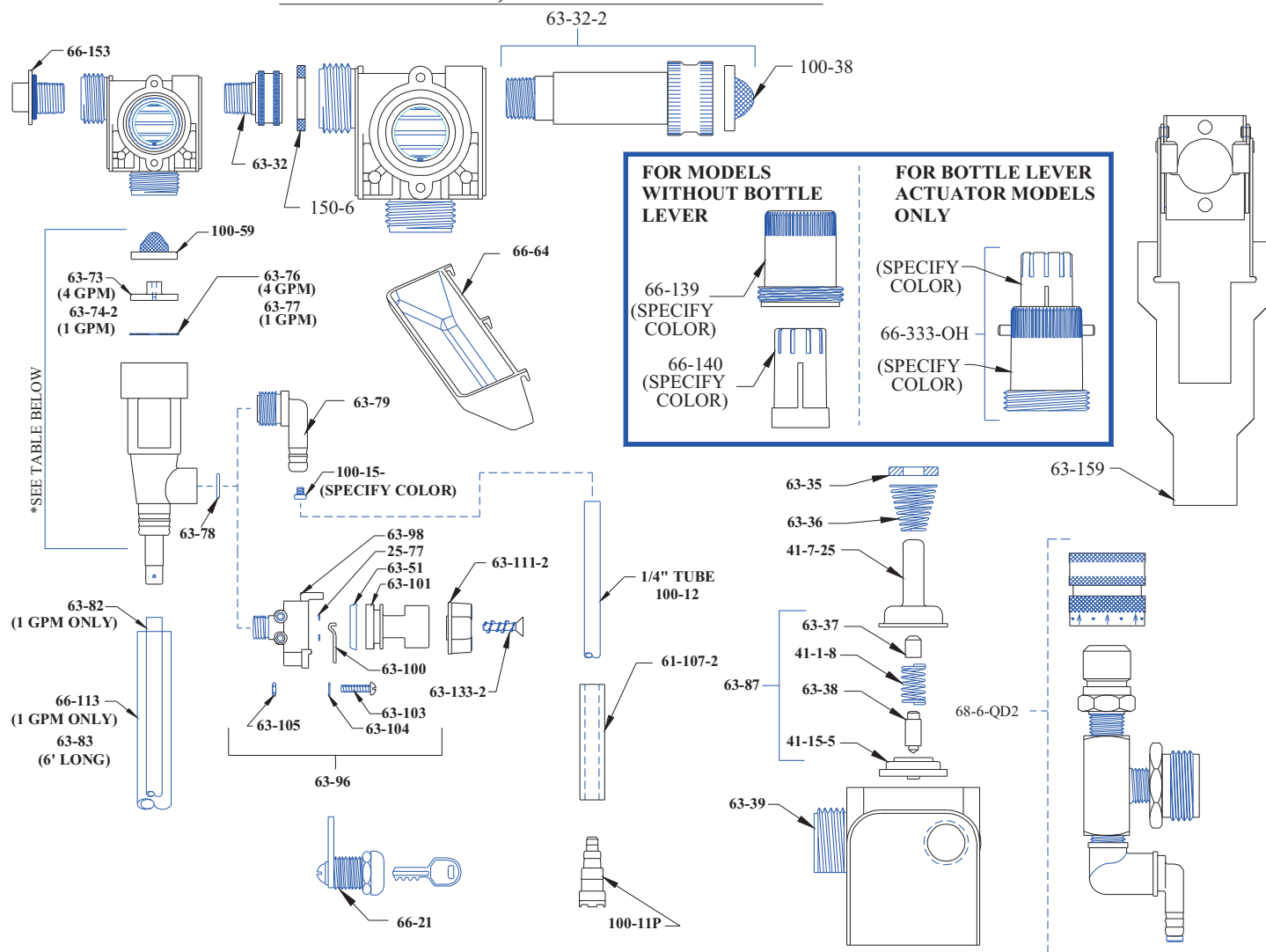
QTY.	PART NO.	DESCRIPTION
23	63-78	O-Ring
24	16-3-6	1/2" I.D. X 6" Lg. Vinyl Outlet Tube (1 GPM Only)
25	61-21	1/2" ID X 6' Lg. Vinyl Outlet Tube (4 GPM Only)
26	63-79	Inlet Barb (1/4" Barb)
27	100-15K	Metering Tip Kit-14 Sizes
28	100-12-16	1/4" ID X 28" Lg. Vinyl Supply Tubing
29	61-107-2	Ceramic Weight
30*	100-16E	Foot Valve
31	63-98	Selector Valve Body
32	25-77	O-Ring
33	63-100	Spring Retainer
34	63-51	"U" Cup
35	63-101-2	Knob
36	63-111-2	Selector Knob
37	58-60	Screw
38	63-96-3	Selector Valve Assembly
39	66-13	Nut
40	63-104	Washer
41	63-103	Screw
42	66-21	Cabinet Lock
43	66-64	Drip Tray
44	67-4-1	Box Clip

*Foot Valve also available with silicone (100-16S-10) or Viton (100-16V-10) rubber seals. Please specify material when ordering.

ACCESSORIES

QTY.	PART NO.	DESCRIPTION
45	63-159	Bottle Lever
46	68-6-QD2	Pressure Indicating Tee

BLEND SAFE, MODEL 662-639AG

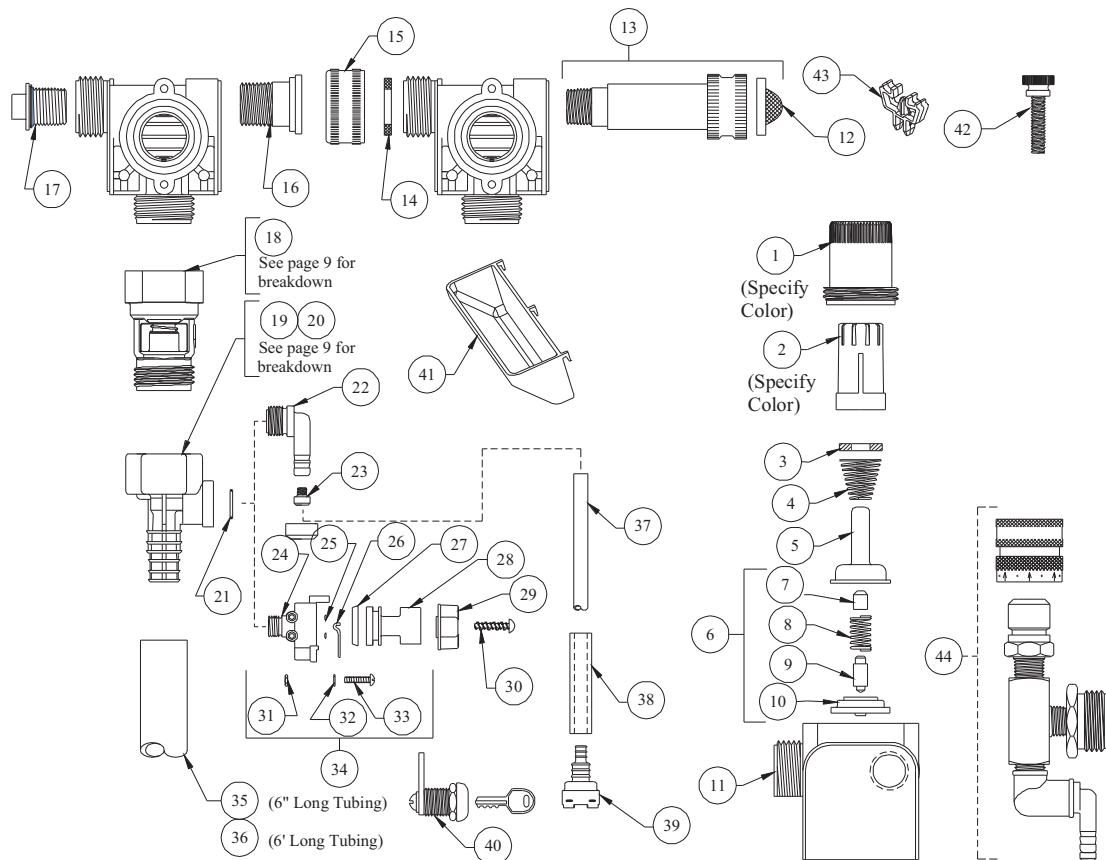


PART NO.	DESCRIPTION
25-77	O-RING
41-1-8	KICK-OFF SPRING
41-7-25	ENCLOSING TUBE
41-15-5	DIAPHRAGM
61-22BAG-4	*4 GPM PROPORTIONER ASSY
61-126AG-1	*1 GPM PROPORTIONER ASSY
61-107-2	CERAMIC WEIGHT
63-32	PIPE TO GARDEN HOSE ADAPTER KIT
63-32-2	INLET ADAPTER KIT
63-35	MAGNET
63-36	SPRING
63-37	SPACER
63-38	PLUNGER
63-39	VALVE BODY
63-51	"U" CUP
63-73	NOZZLE (4 GPM)
63-74-2	NOZZLE (1 GPM)
63-76	SCREEN (4 GPM)
63-77	SCREEN (1 GPM)
63-78	O-RING
63-79	INLET BARB (1/4" BARB)
63-82	VINYL TUBE (3/16" ID X 7" LG) 1 GPM ONLY
63-83	VINYL TUBE (9/16" ID X 6' LG)
63-87	VALVE REPAIR KIT
63-96	SELECTOR VALVE ASSEMBLY

PART NO.	DESCRIPTION
63-98	SELECTOR VALVE BODY
63-100	SPRING
63-101	KNOB
63-103	SCREW
63-104	WASHER
63-105	NUT
63-111-2	SELECTOR KNOB
63-133-2	SCREW
63-159	BOTTLE LEVER
66-21	CASE LOCK
66-64	DRIP TRAY
66-113	VINYL TUBE (9/16" ID X 6.5" LG) 1 GPM ONLY
66-139	MAGNET HOUSING (SPECIFY COLOR)
66-140	PUSH BUTTON (SPECIFY COLOR)
66-153	PIPE PLUG & O-RING ASSY.
66-333-OH	PUSH BUTTON KIT
100-11P	FOOT VALVE
100-12	VINYL TUBE (1/4 ID X 8" LG.)
100-15-	METERING TIP (SPECIFY COLOR)
100-38	INLET SCREEN
100-59	STRAINER WASHER
150-6	RUBBER WASHER
ACCESSORIES	
61-25-2	FRESH WATER OUTLET KIT
68-6-QD2	PRESSURE INDICATING TEE
100-15K	METERING TIP KIT (14 SIZES)

DEMA BLEND SAFE

MODEL: 662-639GAP WITH 66-151GAP-2



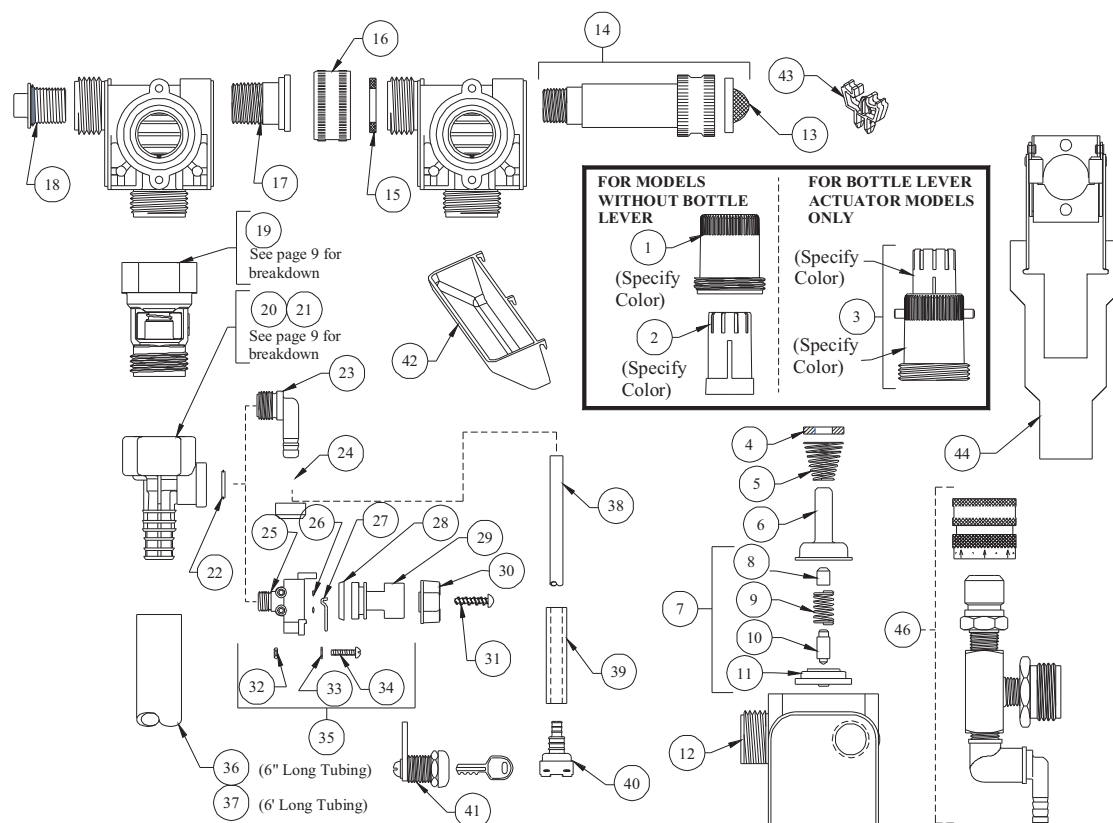
NO.	PART NO.	DESCRIPTION
1	66-139	Magnet Housing (Specify Color)
2	66-140	Push Button (Specify Color)
3	63-35	Magnet
4	63-36	Spring
5	41-7-25	Enclosing Tube
6	63-87	Valve Repair Kit
7	63-37	Spacer
8	41-1-8	Kick-off Spring
9	63-38	Plunger
10	41-15-5	Diaphragm
11	63-39	Valve Body
12	100-38	Strainer Washer
13	63-32-2	Water Inlet Adapter Kit
14	150-6	Rubber Washer
15	65-10	Garden Hose Thread Coupling
16	99-7-1	Hose Fitting Stem
17	66-153	Pipe Plug & O-Ring Assy.
18	16-30	Action Gap Assembly
19	61-22GAP-2	4 GPM (1/4" Barb) Proportioner (Gray)
20	61-99GAP-3	1 GPM Proportioner (Green) Less Barb
21	63-78	O-Ring
22	63-79	Inlet Barb (1/4" Barb)
23	100-15K	Metering Tip Kit – 14 Sizes
24	63-98	Selector Valve Body

NO.	PART NO.	DESCRIPTION
25	25-77	O-Ring
26	63-100	Retainer Spring
27	63-51	"U" Cup
28	63-101-2	Knob
29	63-111-2	Selector Knob
30	58-60	#6 Hi Lo Screw 1/2" Lg.
31	66-13	Nut
32	63-104	Washer
33	63-103	Screw
34	63-96-3	Selector Valve Assembly
35	16-3-6	1/2" ID x 6" Lg. Vinyl Outlet Tube (1GPM)
36	61-21	1/2" ID x 6' Lg. Vinyl Outlet Tube (4 GPM)
37	100-12-13	1/4"ID x 32" Lg. Vinyl Supply Tubing
38	61-107-2	Ceramic Weight
39	100-11P	Foot Valve
40	66-21	Cabinet Lock
41	66-64	Drip Tray
42	66-63	Thumbscrew
43	67-4-1	Box Clip

OPTIONAL ACCESSORY		
NO.	PART NO.	DESCRIPTION
44	68-QD2	Pressure Indicating Tee

DEMA BLEND SAFE

MODEL: 662-639GAP& 662-639GAP-OH (ONE HAND FILL)

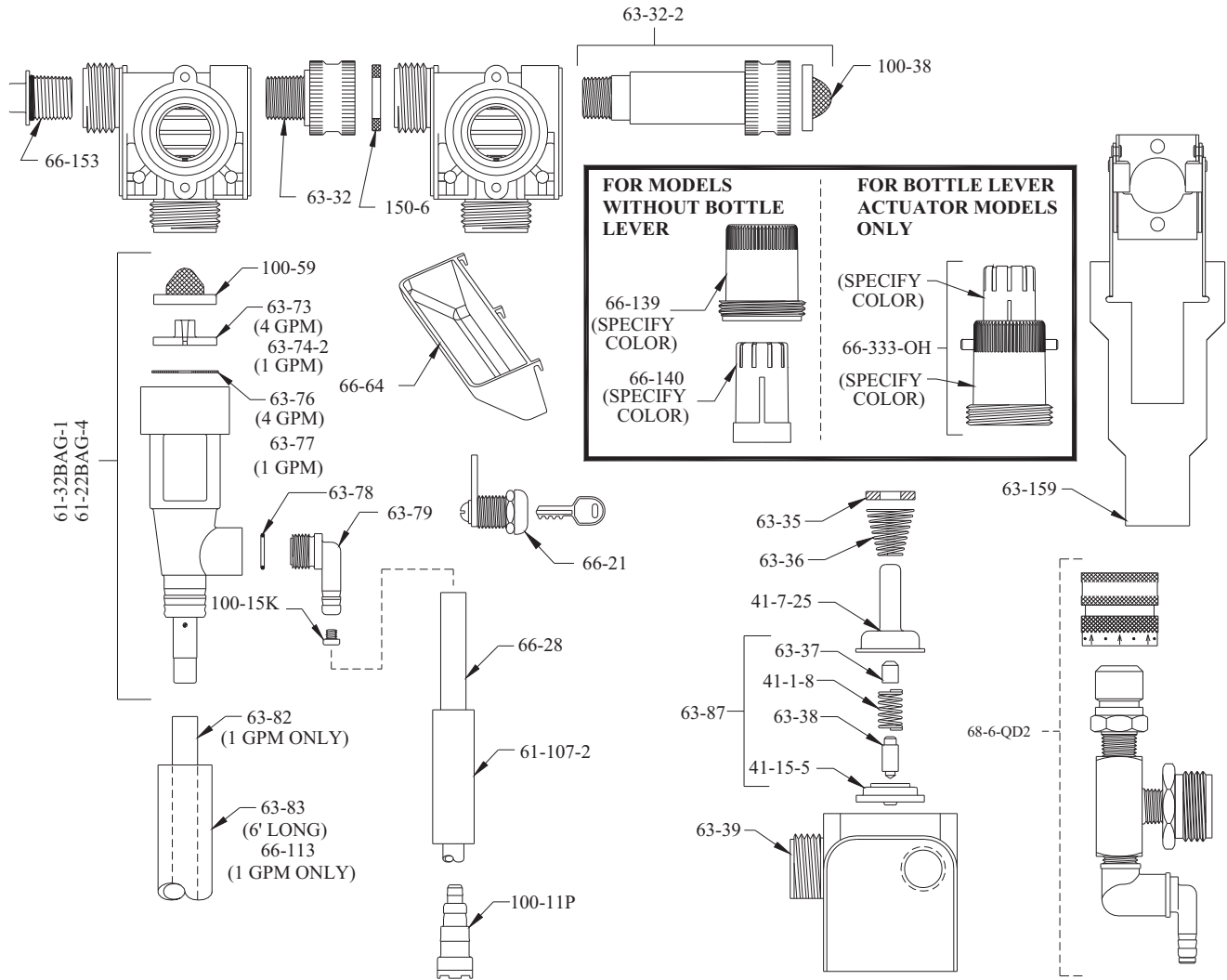


NO.	PART NO.	DESCRIPTION
1	66-199	Magnet Housing (Specify Color)
2	66-140	Push Button (Specify Color)
3	66-333-OH	Push Button Kit (Specify Color)
4	63-35	Magnet
5	63-36	Spring
6	41-7-25	Enclosing Spring
7	63-87	Valve Repair Kit
8	63-37	Spacer
9	41-1-8	Kick-off Spring
10	63-38	Plunger
11	41-15-5	Diaphragm
12	63-39	Valve Body
13	100-38	Strainer Washer
14	63-32-2	Water Inlet Adapter Kit
15	150-6	Rubber Washer
16	65-10	Garden Hose Thread Coupling
17	99-7-1	Hose Fitting Stem
18	66-153	Pipe Plug & O-Ring Assy.
19	16-30	Action Gap Assembly
20	61-22GAP-2	4 GPM (1/4" Barb) Proportioner (Gray)
21	61-99GAP-3	1 GPM Proportioner (Green) Less Inlet Barb
22	63-78	O-Ring
23	63-79	Inlet Barb (1/4" Barb)
24	100-15K	Metering tip Kit (14 Sizes)
25	63-98	Selector Valve Body
26	25-77	O-Ring

NO.	PART NO.	DESCRIPTION
27	63-100	Retaining Spring
28	63-51	"U" Cup
29	63-101-2	Knob
30	63-111-2	Selector Knob
31	58-60	#6 Hi Lo Screw 1/2" Lg.
32	66-13	Nut
33	63-104	Washer
34	63-103	Screw
35	63-96-3	Selector Valve Assembly
36	16-3-6	1/2" ID X 6" Lg. Vinyl Outlet Tube (1GPM Only)
37	61-21	1/2" ID X 6' Lg. Vinyl Outlet Tube (4GPM Only)
38	100-12-13	1/4" ID X 32" Lg. Vinyl Supply Tubing
39	61-107-2	Ceramic Weight
40	100-16E	Foot Valve
41	66-21	Cabinet Lock
42	66-64	Drip Tray
43	67-4-1	Box Clip
44	63-150	Bottle Lever (OH Models Only)

NO.	PART NO.	DESCRIPTION
46	68-6-QD2	Pressure Indicating Tee

BLEND SAFE MODELS: 662-AGDB, 662-2AGDB



PART NO.	DESCRIPTION
41-1-8	KICK-OFF SPRING
41-7-25	ENCLOSING TUBE
41-15-5	DIAPHRAGM
61-22BAG-4	4 GPM (1/4" BARB) PROPORTIONER
61-32BAG-1	1 GPM (1/4" BARB) PROPORTIONER
61-107-2	CERAMIC WEIGHT
63-32	INLET ADAPTER KIT
63-32-2	INLET ADAPTER KIT
63-35	MAGNET
63-36	SPRING
63-37	SPACER
63-38	PLUNGER
63-39	VALVE BODY
63-73	NOZZLE (4 GPM)
63-74-2	NOZZLE (1 GPM)
63-76	SCREEN (4 GPM)
63-77	SCREEN (1 GPM)
63-78	O-RING
63-79	INLET BARB (1/4" BARB)
63-82	OUTLET TUBE 1/4 ID X 7" (1 GPM ONLY)
63-83	VINYL TUBE 9/16 ID X 6' LG (4 GPM ONLY)

PART NO.	DESCRIPTION
63-87	VALVE REPAIR KIT
63-159	BOTTLE LEVER
66-21	CABINET LOCK
66-28	VINYL TUBING
66-64	DRIP TRAY (1 GPM STATION ONLY)
66-113	OUTLET TUBE 9/16" ID X 6.5" (1 GPM ONLY)
66-139	MAGNET HOUSING (SPECIFY COLOR)
66-140	PUSH BUTTON (SPECIFY COLOR)
66-153	PIPE PLUG & O-RING ASSY.
66-333-OH	PUSH BUTTON KIT
100-11P	FOOT VALVE
100-15K	METERING TIP KIT-14 SIZES
100-38	STRAINER WASHER
100-59	STRAINER WASHER
150-6	RUBBER WASHER
163AG	4 GPM AIR GAP PRPORTIONER
164AG	1 GPM AIR GAP PRPORTIONER

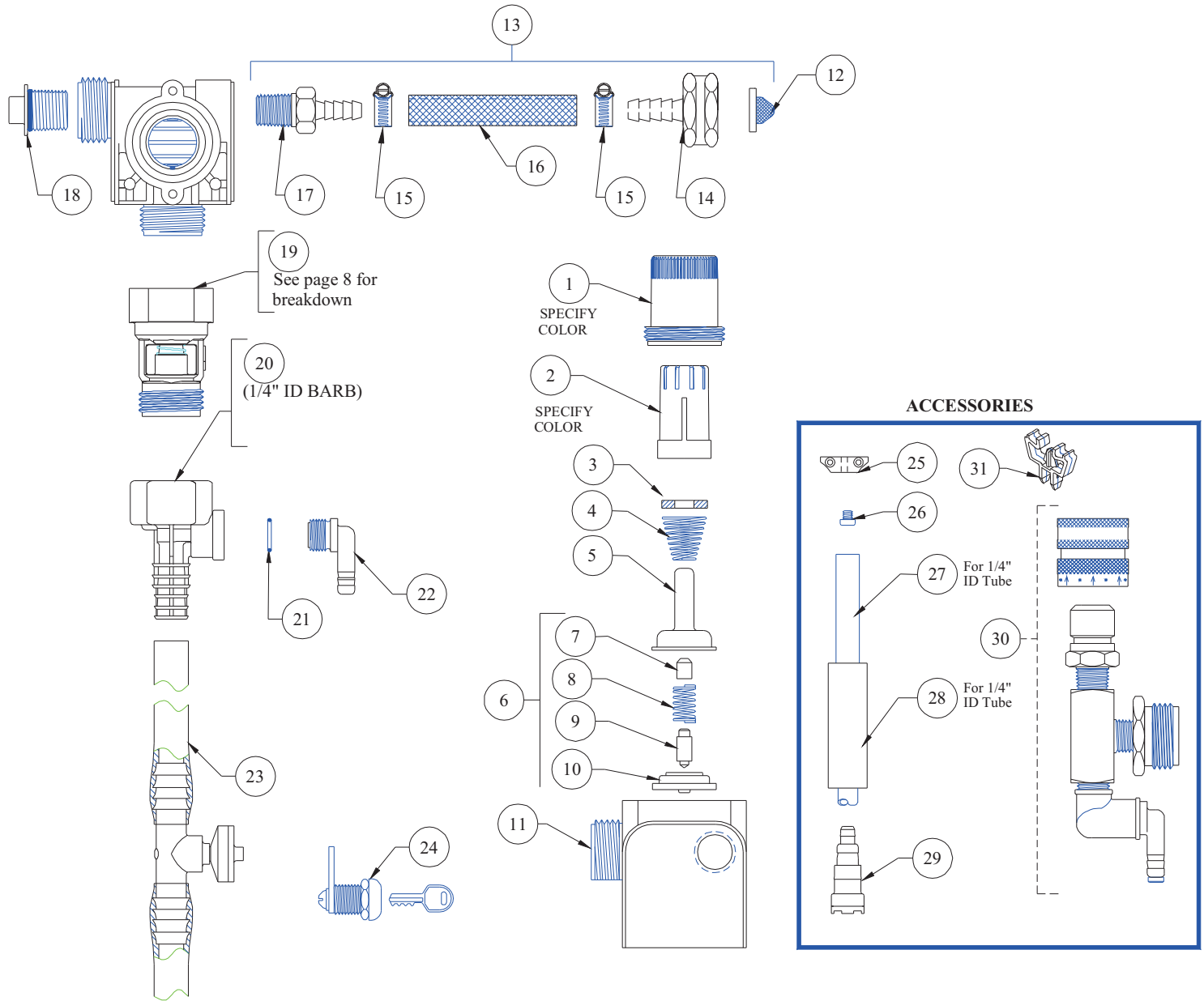
ACCESSORIES

PART NO.	DESCRIPTION
68-6-QD2	PRESSURE INDICATING TEE

NOTE: SEE ENGINEERING FOR MOUNTING

TEMPLATE (I-631T (A) FOR SINGLE UNIT OR I-631T (B) FOR DOUBLE UNIT)

BLEND SAFE MODEL: 662-GAPB



QTY.	PART NO.	DESCRIPTION
1	66-139	Magnet Housing (Specify Color)
2	66-140	Push Button (Specify Color)
3	63-35	Magnet
4	63-36	Spring
5	41-7-25	Enclosing Tube
6	63-87	Valve Repair Kit
7	63-37	Spacer
8	41-1-8	Kick-off spring
9	63-38	Plunger
10	41-15-5	Diaphragm
11	63-39	Valve Body
12	100-38	Strainer Washer
13	66-156	Water Inlet Assy.
14	66-142	Female GHT Swivel Coupling
15	76-2-3	Worm Hose Clamp (Req'd 2)
16	66-98-4	3/8" Braided Tubing 2.75" Lg.
17	66-119	Hose Barb
18	66-153	Pipe Plug & O-Ring Assy.
19	16-30	Action Gap Assembly
20	61-22GAP-2	4 GPM (1/4" ID Barb) Proportioner (Gray)

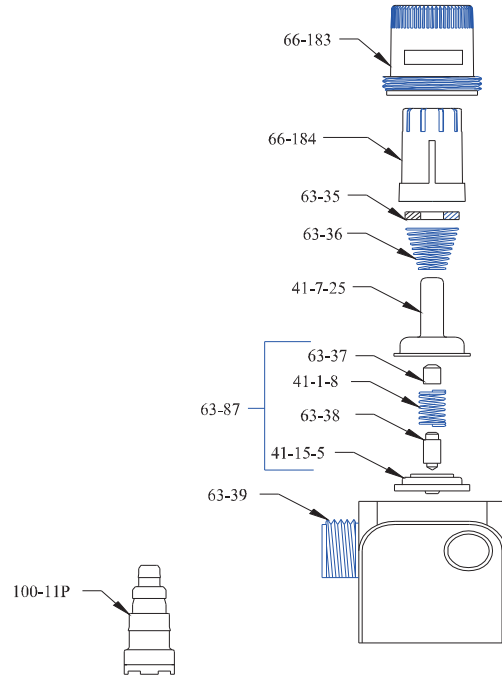
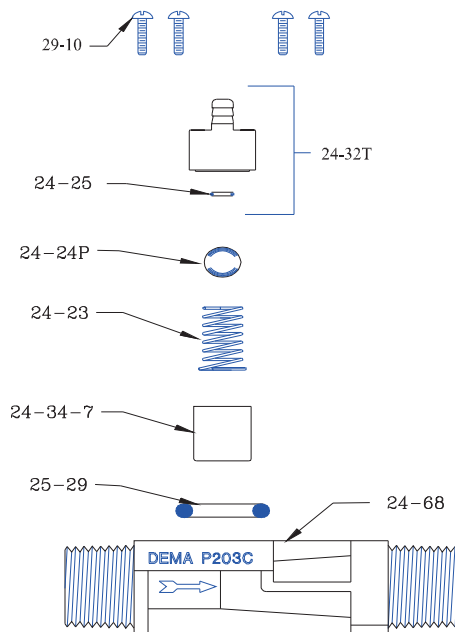
QTY.	PART NO.	DESCRIPTION
21	63-78	O-Ring
22	63-79	Inlet Barb (1/4" ID Barb)
23	61-21	1/2" ID X 6' Lg. Vinyl Outlet Tube (4 GPM Only)
24	66-21	Cabinet Lock

ACCESSORIES

QTY.	PART NO.	DESCRIPTION
25	66-165	Hinge
26	100-15K	Metering Tip Kit-14 Sizes
27	100-12	1/4" ID X 8' Lg. Vinyl Supply Tubing
28	61-107-2	Ceramic Weight
29	100-11P	Foot Valve
30	68-6-QD2	Pressure Indicating Tee
31	67-4-1	Box Clip

DEMA DISINFECTANT UNIT

MODEL 662-SM

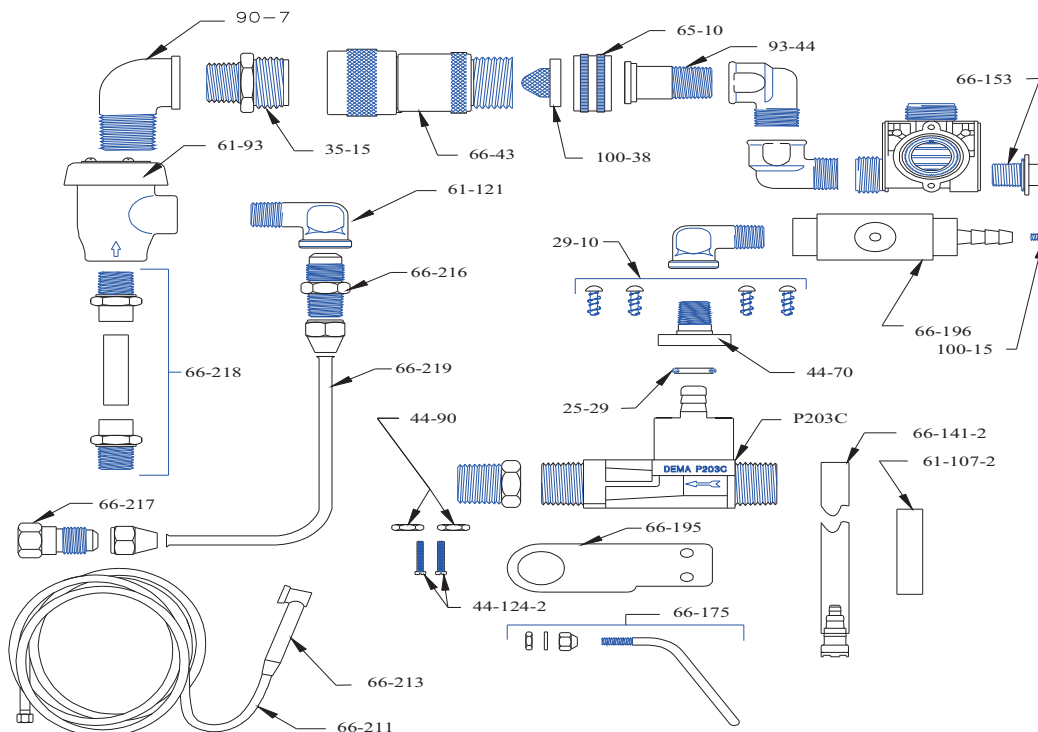


PART NO.	DESCRIPTION
24-23	CHECK VALVE SPRING
24-24P	CHECK VALVE BALL
24-25	CHECK VALVE O-RING
24-32T	METERING KNOB
24-34-7	CHECK VALVE CORE
24-68	VALVE BODY
25-29	O-RING
29-10	#8 HI-LO SCREW (4 REQ'D)
41-1-8	KICK-OFF SPRING
41-7-25	ENCLOSING TUBE
41-15-5	DIAPHRAGM
63-35	MAGNET
63-36	SPRING
63-37	SPACER
63-38	PLUNGER

PART NO.	DESCRIPTION
63-39	VALVE BODY
63-87	VALVE REPAIR KIT
66-153	PIPE PLUG & O-RING
66-183	MAGNET HOUSING
66-184	PUSH BUTTON
100-11P	FOOT VALVE
100-38	INLET SCREEN

ACCESSORIES

100-15K	METERING TIP KIT (13 SIZES)



FOR MODELS WITHOUT BOTTLE LEVER

66-139 (SPECIFY COLOR)

66-140 (SPECIFY COLOR)

FOR BOTTLE LEVER ACTUATOR MODELS ONLY

(SPECIFY COLOR)

66-333-OH (SPECIFY COLOR)

61-32BAG-1
61-22BAG-4

66-153

66-156

66-119

76-2-3

66-98-4

76-2-3

66-142

100-38

66-64

100-59

63-73 (4 GPM)

63-74-2 (1 GPM)

63-76 (4 GPM)

63-77 (1 GPM)

66-21

63-78

63-79

100-15K

66-28

61-107-2

100-11P

63-82 (1 GPM ONLY)

63-83 (6' LONG)

66-113 (1 GPM ONLY)

63-35

63-36

41-7-25

63-37

41-1-8

63-38

41-15-5

63-39

63-87

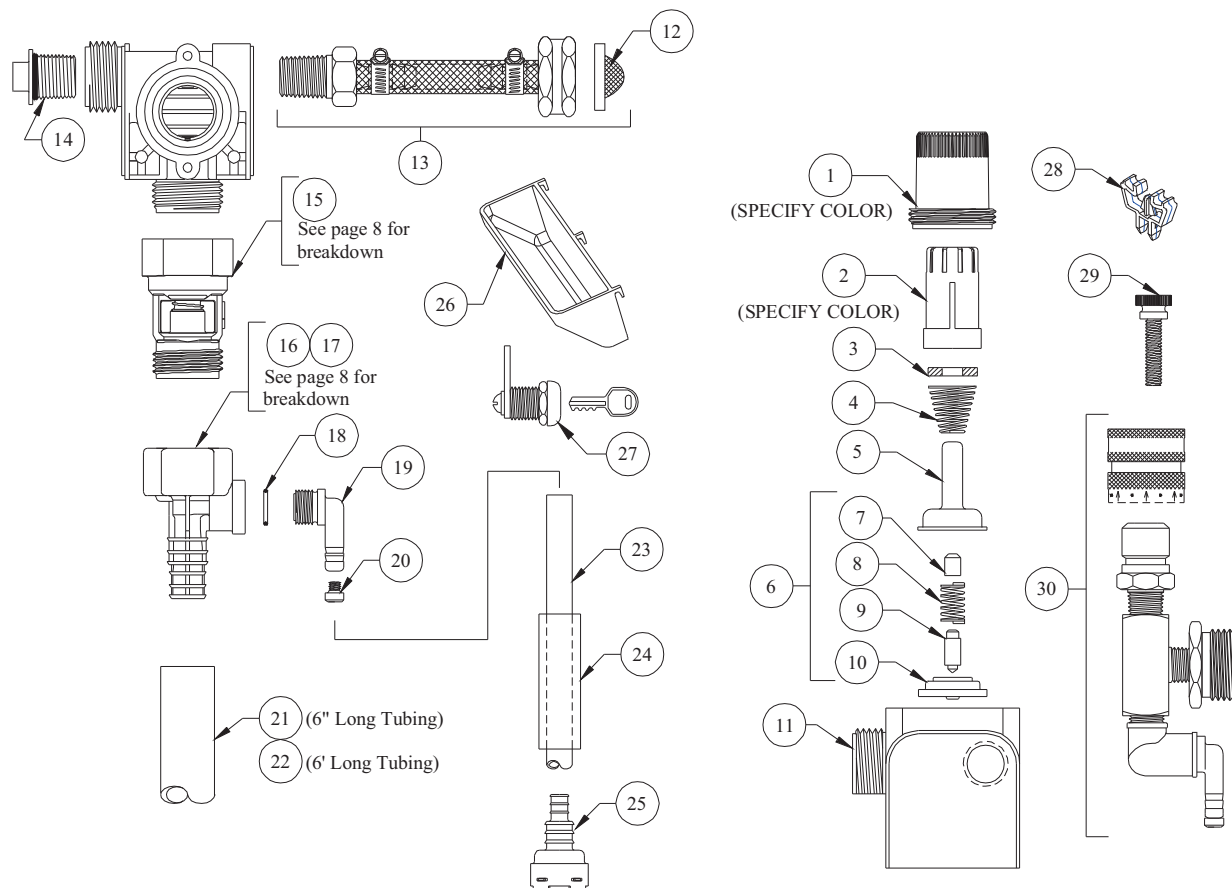
68-6-QD2

63-159

PART NO.	DESCRIPTION
68-6-OD2	PRESSURE INDICATING TEE

DEMA BLEND SAFE

MODELS: 662-2GAP, 662-3GAP & 662-4GAP-4



NO.	PART NO.	DESCRIPTION
1	66-139	Magnet Housing (Specify Color)
2	66-140	Push Button (Specify Color)
3	63-35	Magnet
4	63-36	Spring
5	41-7-25	Enclosing Tube
6	63-87	Valve Repair Kit
7	63-37	Spacer
8	41-1-8	Kickoff Spring
9	63-38	Plunger
10	41-15-5	Diaphragm
11	63-39	Valve Body
12	100-38	Strainer Washer
13	66-156	Water Inlet Assembly
14	66-153	Pipe Plug & O-Ring Assembly
15	16-30	Action Gap Assembly

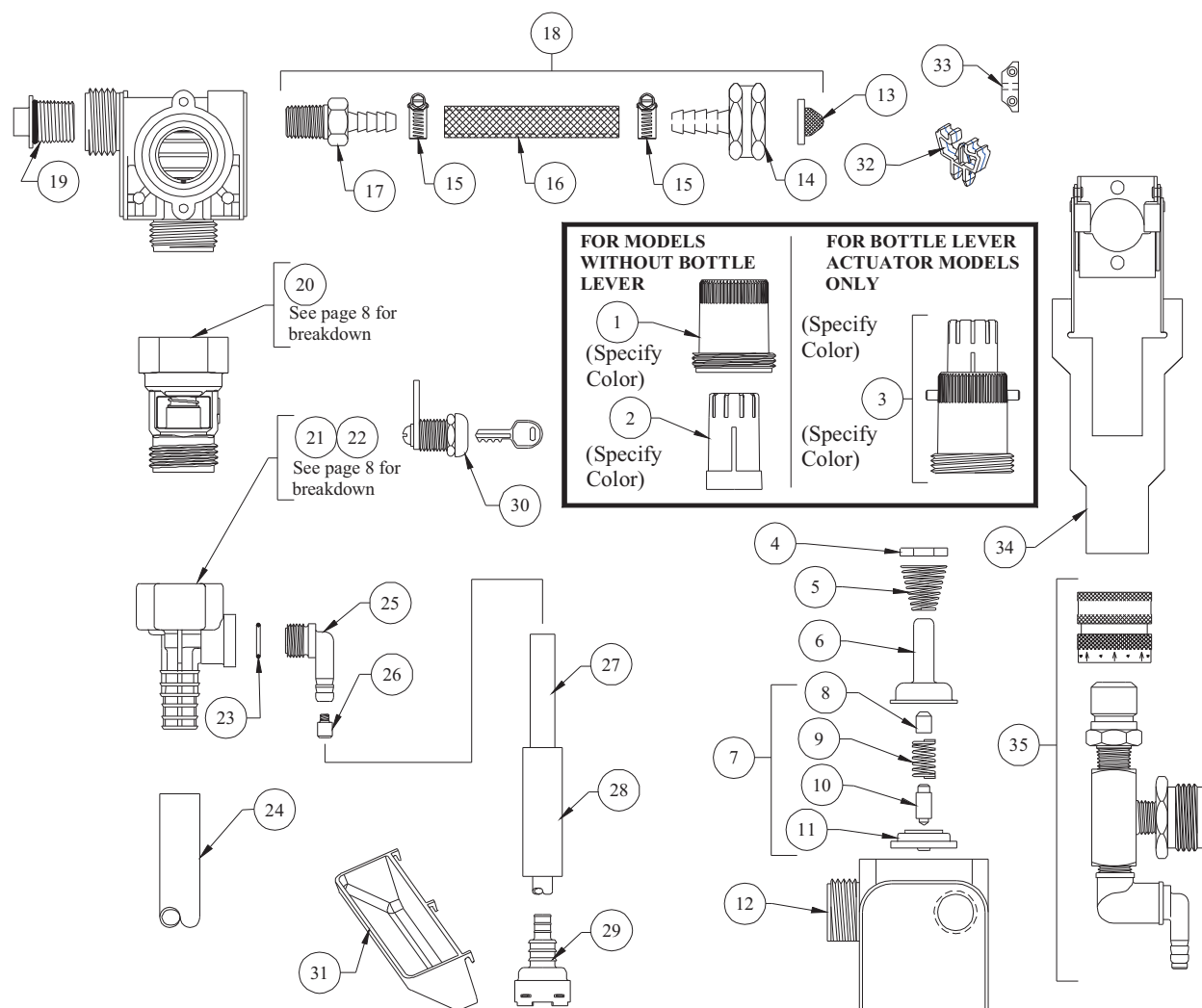
NO.	PART NO.	DESCRIPTION
16	61-22-3	4 GPM (1/4" Barb) Proportioner (Gray)
17	61-99-2	1 GPM (1/4" Barb) Proportioner (Green)
18	63-78	O-Ring
19	63-79	Inlet Barb (1/4" Barb)
20	100-15K	Metering Tip Kit – 14 Sizes
21	16-3-6	1/2" ID x 6" Lg. Outlet Tube (1 GPM)
22	61-21	1/2" ID x 6' Lg. Outlet Tube (4 GPM)
23	100-12-16	1/4" ID x 28" Lg. Vinyl Supply Tube
24	61-107-2	Ceramic Weight
25	100-16E	Foot Valve
26	66-64	Drip Tray
27	66-21	Cabinet Lock
28	67-4-1	Box Clip
29	66-63	Thumb Screw

ACCESSORIES

NO.	PART NO.	DESCRIPTION
30	68-6-QD2	Pressure Indicating Tee

DEMA BLEND SAFES

MODELS 662-GAP & 662-GAP-10H (ONE HAND FILL)



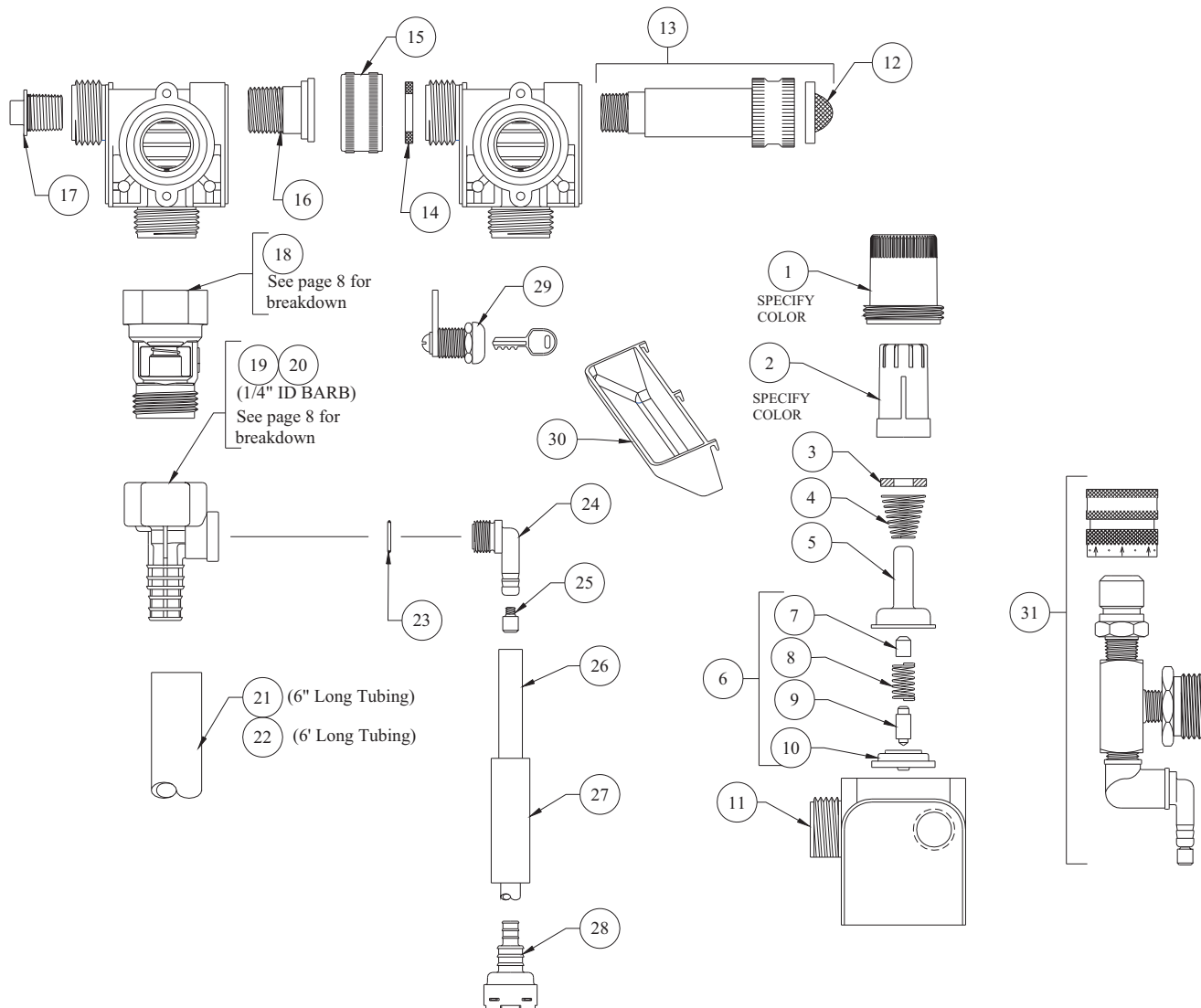
QTY.	PART NO.	DESCRIPTION
1	66-139	Magnet Housing (Specify Color)
2	66-140	Push Button (Specify Color)
3	66-333-OH	Push Button Kit
4	63-35	Magnet
5	63-36	Spring
6	41-7-25	Enclosing Tube
7	63-87	Valve Repair Kit
8	63-37	Spacer
9	41-1-8	Kick-off spring
10	63-38	Plunger
11	41-15-5	Diaphragm
12	63-39	Valve Body
13	100-38	Strainer Washer
14	66-142	Garden Hose/Adapter Barb
15	76-2-3	Hose Clamp
16	66-98-4	3/8" Braided Tubing
17	66-119	Hose Barb
18	66-156	Water Inlet Assembly

QTY.	PART NO.	DESCRIPTION
19	66-153	Pipe Plug & O-Ring Assy.
20	16-30	Action Gap Assembly
21	61-22GAP-2	4 GPM (1/4" Barb) Proportioner (Gray)
22	61-99GAP-2	1 GPM (1/4" Barb) Proportioner (Green)
23	63-78	O-Ring
24	16-3-6	1/2" ID X 6' Lg. Vinyl Outlet Tube (4 GPM Only)
25	63-79	Inlet Barb (1/4" Barb)
26	100-15K	Metering Tip Kit-14 Sizes
27	100-12-16	1/4" ID X 28" Lg. Vinyl Supply Tubing
28	61-107-2	Ceramic Weight
29*	100-16E-10	Foot Valve
30	66-21	Cabinet Lock
31	66-64	Drip Tray
32	67-4-1	Box Clip
33	66-165	Box Hinge (For the Bottom Box Only) (2 Each)
34	63-159	Bottle Lever (OH Models Only)

ACCESSORIES		
QTY.	PART NO.	DESCRIPTION
35	68-6-QD2	Pressure Indicating Tee

*Foot Valve also available with silicone (100-16S-10) or Viton (100-16V-10) rubber seals. Please specify material when ordering.

DEMA BLEND SAFE MODEL 662-GAPDB



QTY.	PART NO.	DESCRIPTION
1	66-139	Magnet Housing (Specify Color)
2	66-140	Push Button (Specify Color)
3	63-35	Magnet
4	63-36	Spring
5	41-7-25	Enclosing Tube
6	63-87	Valve Repair Kit
7	63-37	Spacer
8	41-1-8	Kick-off spring
9	63-38	Plunger
10	41-15-5	Diaphragm
11	63-39	Valve Body
12	100-38	Strainer Washer
13	63-32-2	Water Inlet Adapter Kit
14	150-6	Rubber Washer
15	65-10	Garden Hose Thread Coupling
16	99-7-1	Hose Fitting Stem
17	66-153	Pipe Plug & O-Ring Assy.
18	16-30	Action Gap Assembly
19	61-22GAP-2	4 GPM (1/4" ID Barb) Proportioner (Gray)
20	61-99GAP-2	1 GPM (1/4" ID Barb) Proportioner (Green)

QTY.	PART NO.	DESCRIPTION
21	16-3-6	1/2" I.D. X 6" Lg. Vinyl Outlet Tube (1 GPM Only)
22	61-21	1/2" ID X 6' Lg. Vinyl Outlet Tube (4 GPM Only)
23	63-78	O-Ring
24	63-79	Inlet Barb (1/4" ID Barb)
25	100-15K	Metering Tip Kit-14 Sizes
26	100-12-16	1/4" ID X 28" Lg. Vinyl Supply Tubing
27	61-107-2	Ceramic Weight
28*	100-16E-10	Foot Valve
29	66-21	Cabinet Lock
30	66-64	Drip Tray

ACCESSORIES

QTY.	PART NO.	DESCRIPTION
31	68-6-QD2	Pressure Indicating Tee

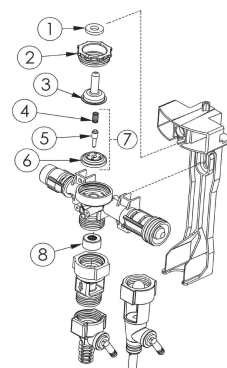
*Foot Valve also available with silicone (100-16S-) or Viton (100-16V-) rubber seals. Please specify material when ordering.

DEMA D_{ILUTION-AT-H}AND *EXTREME*

800 Series Chemical Dispensers

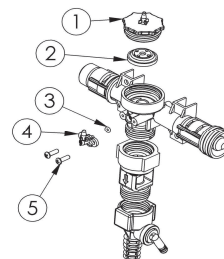
BOTTLE/HOSE FILL APPLICATIONS

NO.	PART NO.	DESCRIPTION
1	63-35	Magnet
2	98-7-2	Enclosing Tube Nut
3	41-7-25	Enclosing Tube
4	98-41-1	Spring
5	98-24-1	Plunger
6	41-15-10	Diaphragm With Center Hole EPDM
7	98-25-1	Bottle/Hose Repair Kit
8	89-20-1	Flow Disc Assembly (1 GPM only)



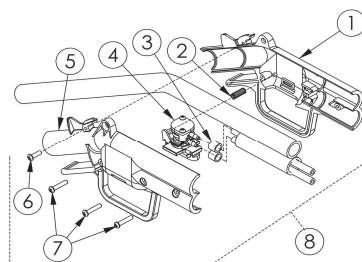
REMOTE FILL APPLICATION

NO.	PART NO.	DESCRIPTION
1	98-5-2	Nut, Diaphragm
2	98-26-1	Diaphragm Without Center Hole EPDM
3	26-35	O-ring (EPDM)
4	98-15-1	Elbow
5	58-60	#6 Hi Lo Screw 1/2" Lg. (2 Required)



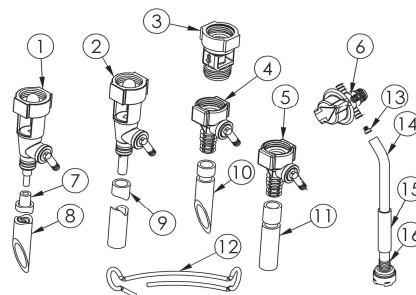
REMOTE FILL APPLICATION

NO.	PART NO.	DESCRIPTION
1	98-30-1	Remote Gun Fill Half (R.H.)
2	98-51	Trigger Lock Return Spring
3	98-37-1	Hose Clamp (2 Required)
4	98-38	Valve Assembly
5	98-31-1	Remote Gun Fill Half (L.H.)
6	58-60	#6 Hi Lo Screw 1/2" Lg.
7	58-102	#6 Hi Lo Screw 3/4" Lg. (3 Required)
8	98-50	Remote Fill Assembly



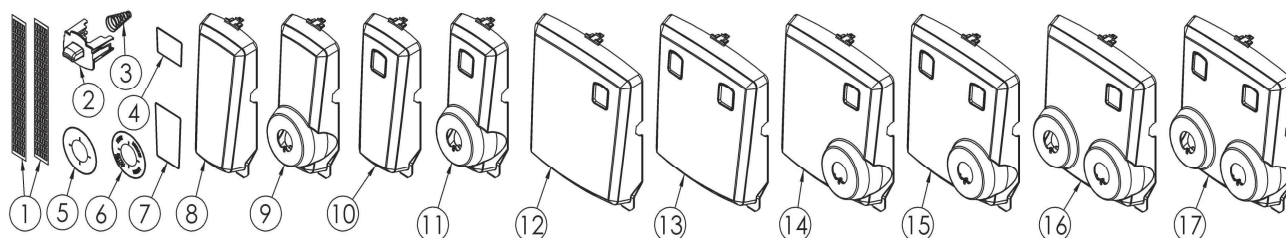
BACK FLOW & PROPORTIONING DEVICES

NO.	PART NO.	DESCRIPTION
1	61-32BAG-2	Proportioner Assembly (1 GPM)
2	61-22-3BAG-EL2	Proportioner Assembly (4 GPM)
3	16-30	Action Gap Assembly
4	61-99-2	Proportioner Assembly (1 GPM)
5	61-22-3	Proportioner Assembly (4 GPM)
6	63-96-2V-CK	Selector and Knob Assembly (Viton)
7	63-82	Tube, 3/16" I.D. Outlet
8	98-43-1	Tube, 9/16" I.D. Outlet
9	98-47-1	Tube, 9/16" I.D. Outlet (6 Foot Long)
10	98-42-2	Tube, 1/2" I.D. Outlet
11	98-46-3	Tube, 1/2" I.D. Outlet (6 Foot Long)
12	16-4-3	Outlet Bucket Fill Hose Hanger
13	100-15K	Metering Tip Kit (14 Sizes)
14	100-12 /100-12E	Hose, 7/32" I.D. x 8' Lg./7/32" I.D. x 50' Lg.
15	61-107-2	Ceramic Weight, 3/8" I.D.
16	100-16E	Foot Valve Assembly (EPDM)



DEMA DILUTION-AT-HAND *EXTREME*

800 Series Chemical Dispensers

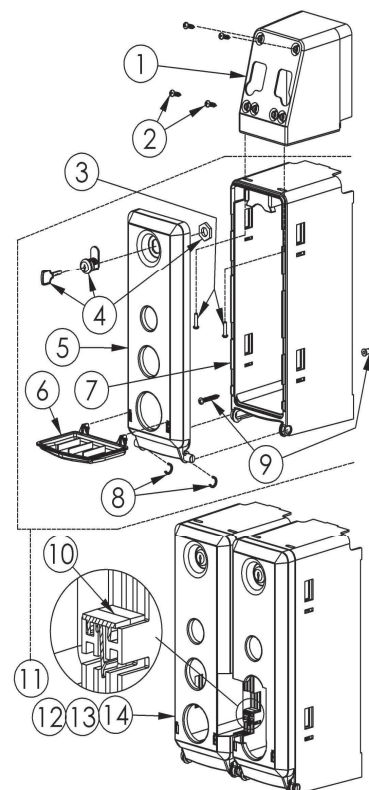


LABELS, LIFT BUTTON AND COVERS

NO.	PART NO.	DESCRIPTION	NO.	PART NO.	DESCRIPTION
1	L1107	Chemical Label	10	89-2-3	Cover, Single (Lift Button)
2	89-5-1	Lift Button	11	89-2-4	Cover, Single (Lift Button & Selector)
3	63-36	Lift Button Return Spring	12	89-4-1	Cover, Dual (RH Lift Button)
4	L1074	DEMA Label, Small	13	89-4-2	Cover, Dual (LH & RH Lift Buttons)
5	L1075	Selector label, Blank	14	89-4-3	Cover, Dual (RH Lift Button & RH Selector)
6	L1108	Selector label, 4-Dilution	15	89-4-4	Cover, Dual (Both Lift Buttons & RH Selectors)
7	L1073	DEMA Label, Large	16	89-4-5	Cover, Dual (RH Lift Buttons & Both Selectors)
8	89-2-1	Cover, Single (Plain)	17	89-4-6	Cover, Dual (Both Lift Buttons & Both Selectors)
9	89-2-2	Cover, Single (Selector)			

2 LITER AND 1 GALLON (5 LITER) STORAGE BOX ASSEMBLIES

NO.	2 LITER PART NO.	1GALLON PART NO.	DESCRIPTION
1	89-11-1	89-11-1	Mounting Support (1for Single & 2 for Dual Unit)
2	44-116-5	44-116-5	#8 Hi-Lo Screws (4 Per Dispenser Unit)
3	44-116-1	44-116-5	#8 Hi-Lo Screws (2 per Mounting Support)
4	81-69	81-69	Cabinet Lock with Key / Key Only (66-21K)
5	89-8-1	89-9-1	Storage Box Door
6	89-10-1	89-10-1	Drip Tray
7	89-6-1	89-7-1	Storage Box Base
8	89-19-1	89-19-1	Door Retaining Clip (2 per Box Assy.)
9	98-40-1	98-40-1	#10 Screw & Anchor Set (Qty. 2 /Set)
10	89-12-1	89-12-1	Box Retaining Clip (2 for 2 Boxes +2 per Box)
11	89-16-1	89-17-1	Single Box Assy. Kit (1 Drip Tray & Mtg. Hardware)
12	89-16-2	89-17-2	Dual Box Assy. Kit (1 Drip Tray & Mtg. Hardware)
13	89-16-3	89-17-3	Triple Box Assy. Kit (1 Drip Tray & Mtg. Hardware)
14	89-16-4	89-17-4	Quad Box Assy. Kit (1 Drip Tray & Mtg. Hardware)



Parts List For DAH Blend Center (Bottle/Hose Fill Applications)

(Some models may not include all items listed below)

(Always order by part number)

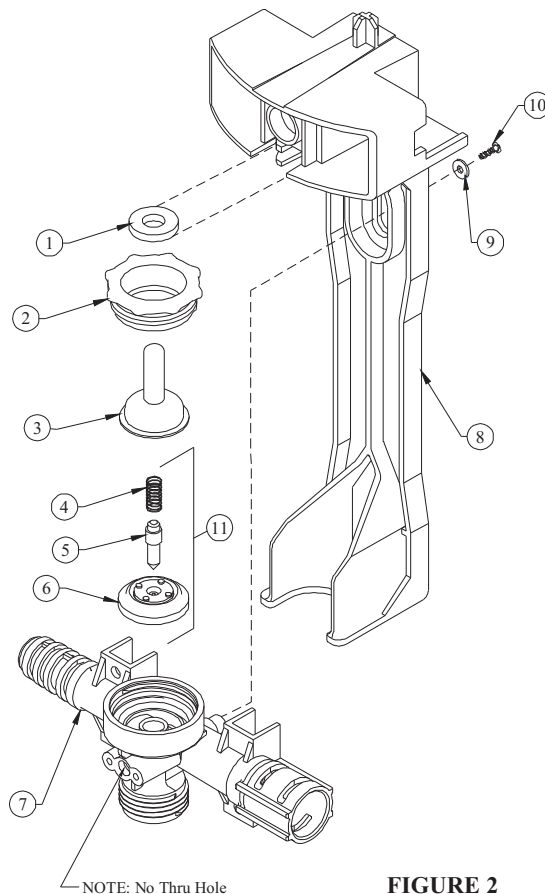
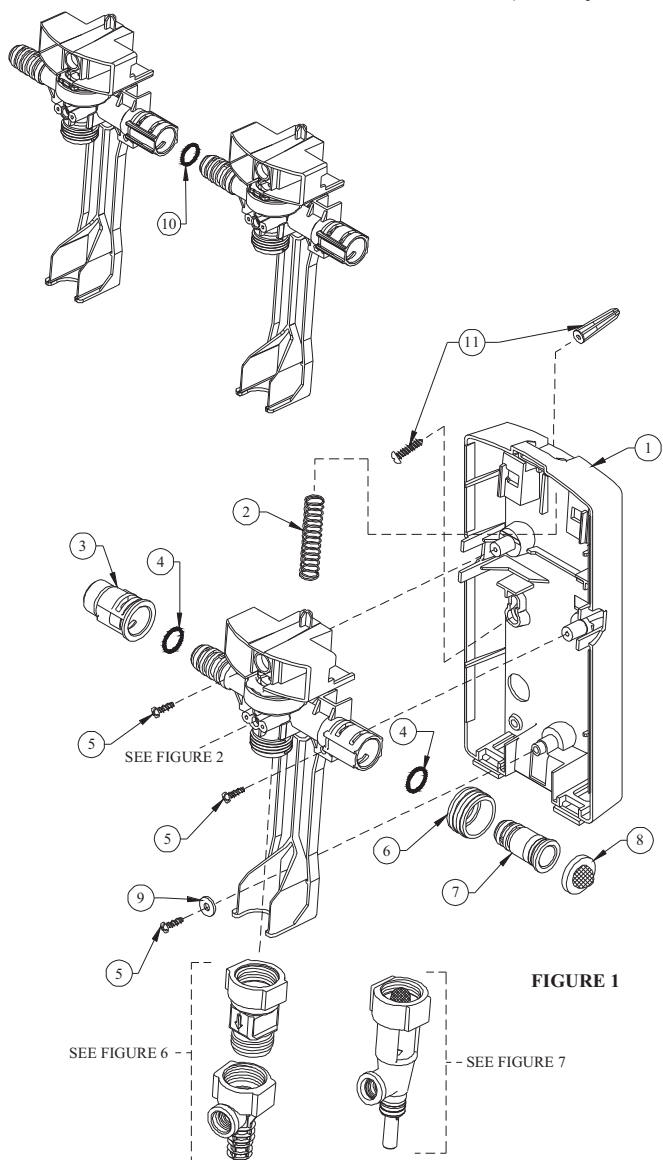


FIGURE 1: BOTTLE/HOSE FILL BASE UNIT		
NO.	PART NO.	DESCRIPTION
1	98-4-1	Base
2	98-21-1	Compression Spring (Lever)
3	98-9-1	Cap
4	619-15	O-Ring (2 Req'd)
5	44-116-1	#8 Hi Lo Screw ½" Lg. (3 Req'd)
6	65-10	Hose Coupling, US
	98-55-1	Hose Coupling, Euro
7	98-10-1	Water Inlet Stem
8	100-38	Strainer Washer
9	98-20-1	Nylon Washer
10	619-15	O-Ring (1 Req'd Between Each Valve Body)
11	98-40-1	#10 Screw & Anchor Set (QTY 2 Each/Set)

FIGURE 2: BOTTLE/HOSE FILL VALVE SUBASSEMBLY		
NO.	PART NO.	DESCRIPTION
1	63-35	Magnet
2	98-7-2	Enclosing Tube Nut
3	41-7-25	Enclosing Tube
4	98-41-1	Spring
5	98-24-1	Plunger
6	41-15-10	Diaphragm w/ center hole (EPDM)
7	98-11-1	Valve Body for Bottle/Hose Fill
8	98-8-1	Lever (Valve Actuator)
9	98-20-1	Washer, Nylon
10	44-116-1	#8 Hi Lo Screw X ½" Lg.
11	98-25-1	Bottle/Hose Fill Repair Kit

Parts List For DAH Blend Center (Remote Fill Hose Assembly Application)

(Some models may not include all items listed below)

(Always order by part number)

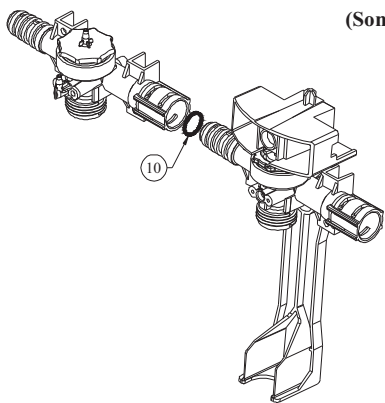


FIGURE 3

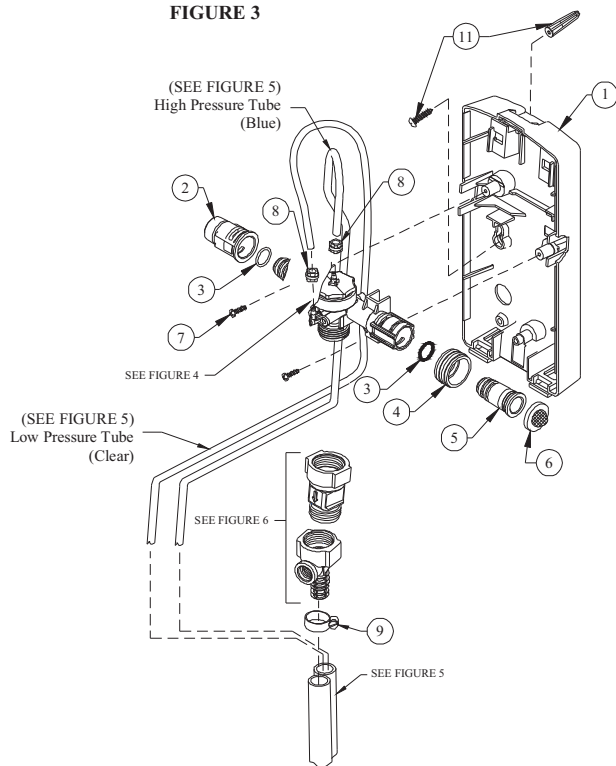


FIGURE 4

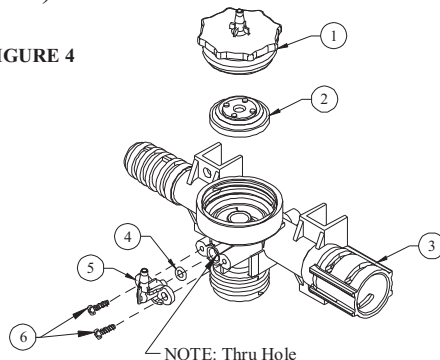


FIGURE 4: REMOTE FILL VALVE SUBASSEMBLY

NO.	PART NO.	DESCRIPTION
1	98-5-2	Nut, Diaphragm
2	98-26-1	Diaphragm without center hole (EPDM)
3	98-11-2	Valve Body for Remote Fill
4	26-35	O-ring
5	98-15-1	Elbow
6	58-60	#6 Hi-Lo Screw X 1/2" Lg. (2 Req'd)

FIGURE 5

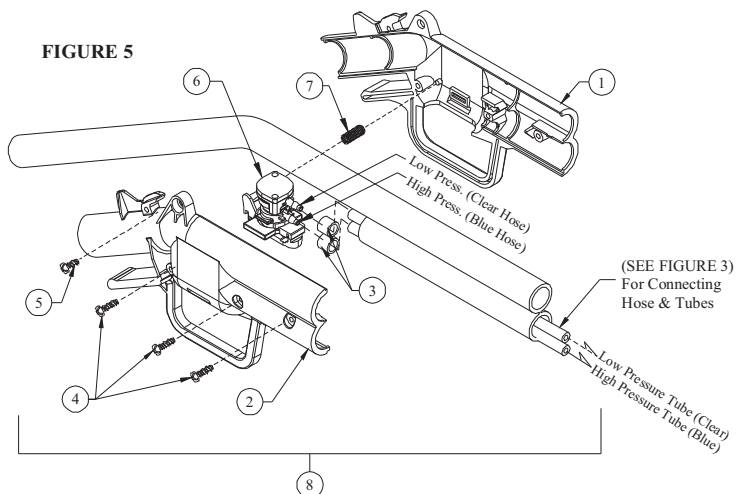


FIGURE 3: REMOTE FILL BASE UNIT

NO.	PART NO.	DESCRIPTION
1	98-4-1	Base
2	98-9-1	Cap
3	619-15	O-Ring (2 Req'd)
4	65-10	Hose Coupling
5	98-10-1	Water Inlet Stem
6	100-38	Strainer Washer
7	44-116-1	#8 Hi Lo Screw 1/2" Lg. (3 Req'd)
8	98-12-1	Hose Clamp (2 Req'd)
9	76-2-15	Hose Clamp
10	619-15	O-Ring (1 Req'd Between Each Valve Body)
11	98-40-1	#10 Screw & Anchor Set (QTY 2 Each/Set)

FIGURE 5: REMOTE FILL HOSE ASSEMBLY

NO.	PART NO.	DESCRIPTION
1	98-30-1	Remote Gun Fill Half (R.H.)
2	98-31-1	Remote Gun Fill Half (L.H.)
3	98-37-1	Hose Clamp (2 Req'd)
4	58-102	#6 Hi Lo Screw X 3/4" Lg.
5	58-60	#8 Hi Lo Screw X 1/2" Lg.
6	98-38	Valve Assembly
7	98-51	Compression Spring
8	98-50	Remote Fill Assembly

Parts List For DAH Blend Center

(Some models may not include all items listed below)

(Always order by part number)

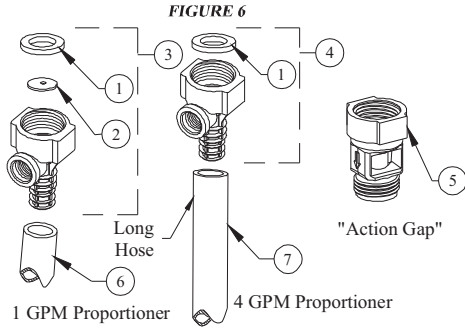


FIGURE 6: "ACTION GAP"/PROPORTIONER		
NO.	PART NO.	DESCRIPTION
1	150-6	Rubber Washer
2	61-36	Flow Disk
3	61-99GAP-3	Proportioner Assembly (1 GPM)
4	61-22GAP-3	Proportioner Assembly (4 GPM)
5	16-30	Action Gap Assembly
6	98-42-2	Hose, 1/2" I.D. Outlet (9-1/4" Lg.)
7	98-46-3	Hose, 1/2" I.D. Outlet (6 Ft. Lg.)

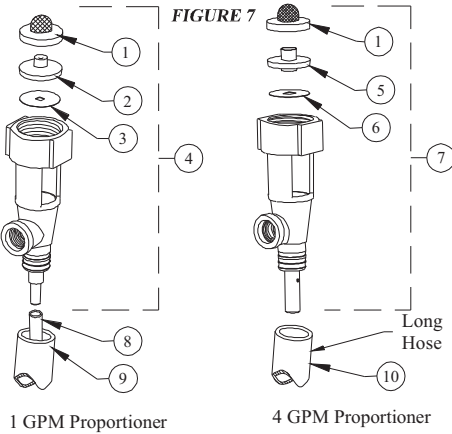


FIGURE 7: "AIR GAP"/PROPORTIONER		
NO.	PART NO.	DESCRIPTION
1	100-59	Strainer Washer
2	63-74-2	Nozzle
3	63-77	Screen
4	61-32AGP	Proportioner Assembly (1 GPM)
5	63-73	Nozzle
6	63-76	Screen
7	61-126-AG-4	Proportioner Assembly (4 GPM)
8	63-82	Hose, 3/16" I.D. Outlet (7" Lg.)
9	98-43-1	Hose, 9/16" I.D. Outlet (9-3/4" Lg.)
10	98-47-1	Hose, 9/16" I.D. Outlet (6 Ft. Lg.)

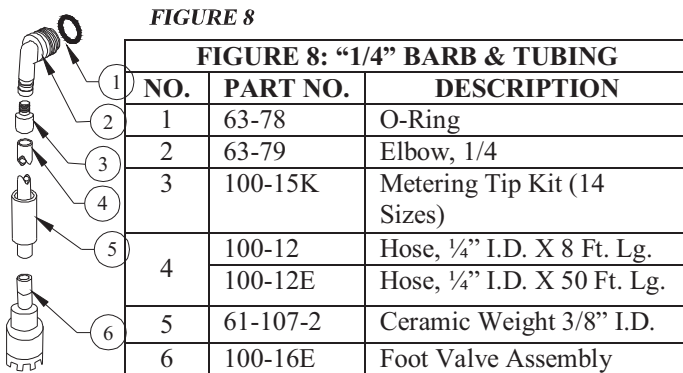


FIGURE 9

FIGURE 9: BUCKET FILL HOSE HANGER		
NO.	PART NO.	DESCRIPTION
1	16-4-3	Outlet Bucket Fill Hose Hanger

FIGURE 10: NONLOCKABLE BUTTON MODIFICATION!

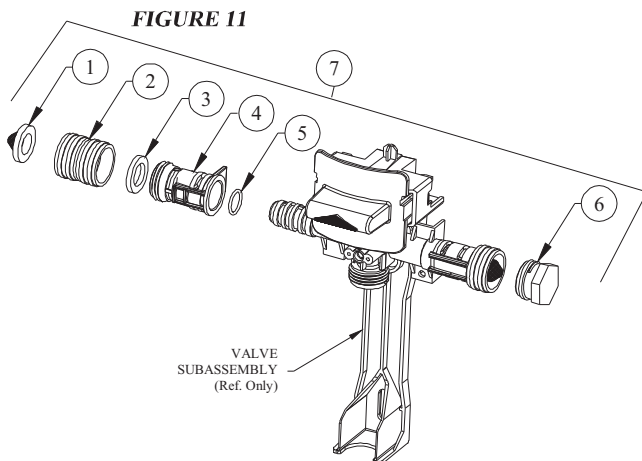
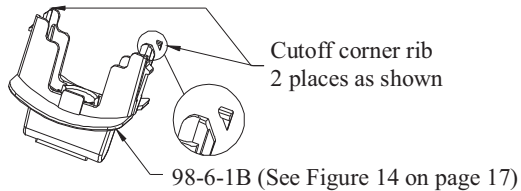


FIGURE 11: LEFT HAND HOSE INLET KIT		
NO.	PART NO.	DESCRIPTION
1	100-38	Strainer Washer
2	98-56-1	Double Female Swivel Garden Coupler
3	150-6	Rubber Washer
4	98-52-1	Hose Adapter
5	619-15	O-ring
6	98-53-1	Male Garden Hose Plug
7	98-54-1	Left Hand Hose Inlet Kit

Parts List For DAH Blend Center

Some models may not include all items listed below)

(Always order by part number)

FIGURE 12

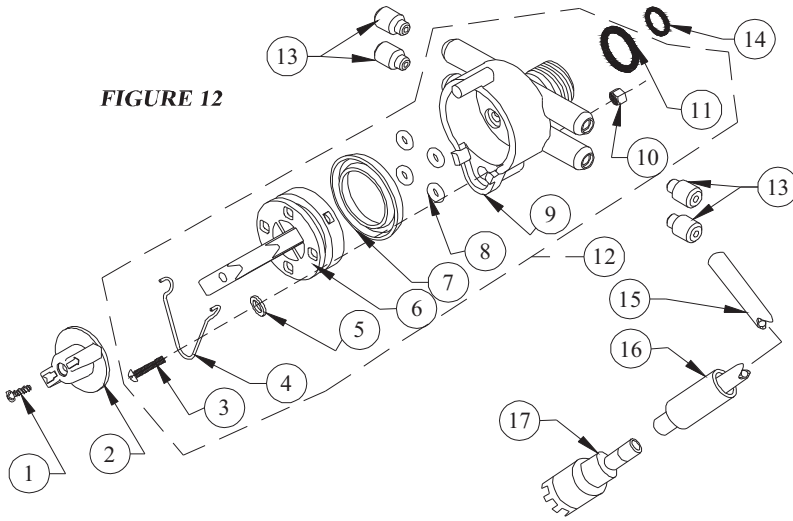


FIGURE 12: SELECTOR ASSEMBLY

NO.	PART NO.	DESCRIPTION
1	58-60	#6 HI-LO Screw
2	63-111-2	Selector Knob
3	63-103	Screw, RD Head
4	63-100	Retainer
5	63-104	Washer
6	63-101-2	Knob
7	63-51	Seal Ring
8	25-77	O-Ring (4 Req'd)
9	63-98	Selector Body
10	66-13	Nut
11	63-78	O-Ring
12	63-96-3	Selector Assembly
13	100-15K	Metering Tip Kit (14 Sizes)
14	66-40	O-Ring
15	100-12	Tube, ¼ I.D. 8 Ft. Length
	100-12E	Tube, ¼ I.D. 50Ft. Length
16	61-107-2	Ceramic Weight 3/8" I.D.
17	100-16E	Foot Valve Assembly

FIGURE 13

SEE FIGURE 12
(NOTE: Selector must be installed into proportioner prior to installing "Multi-Dilution Tubing")

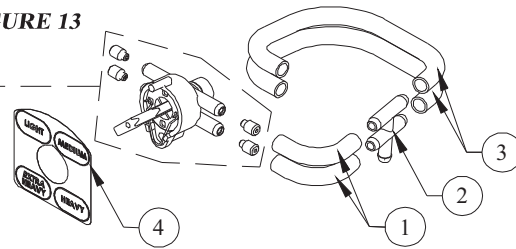


FIGURE 13: MULTI-DILUTION TUBING

NO.	PART NO.	DESCRIPTION
1	98-44-1	Tube, 2 3/8" Long (2 Req'd)
2	100-60	Barb Fitting
3	98-45-1	Tube, 7" Long (2 Req'd)
4	L835	Multi-Dilution Label (Shown)

FIGURE 14

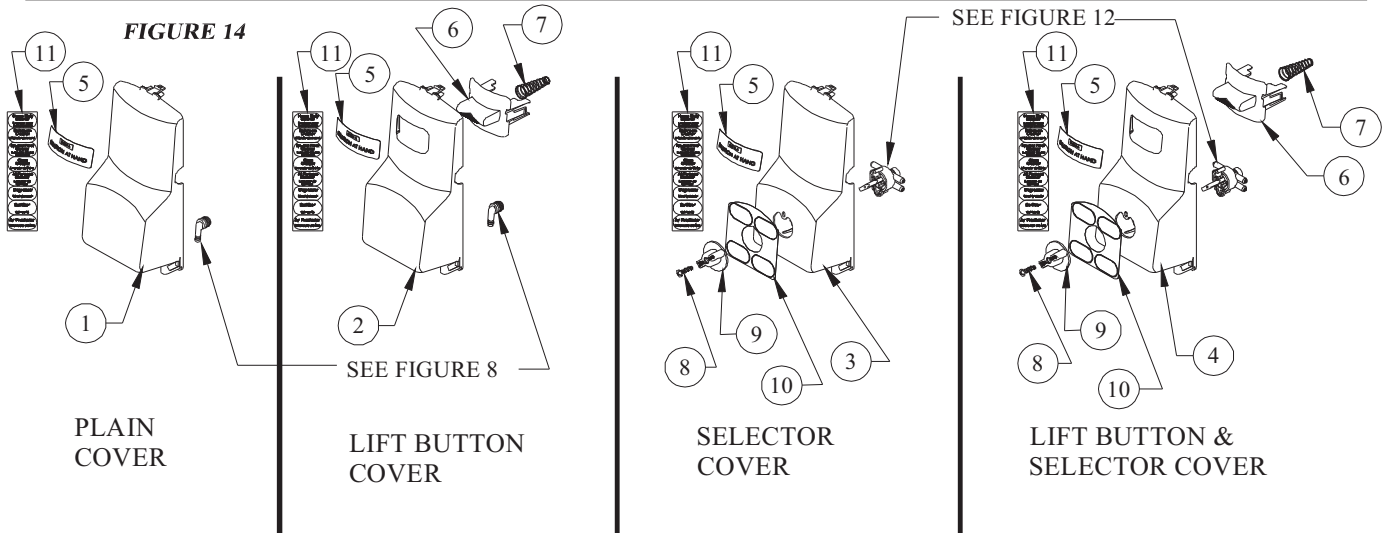


FIGURE 14: COVER, LIFT BUTTON, & SELECTOR ASSY. APPLICATION

NO.	PART NO.	DESCRIPTION	NO.	PART NO.	DESCRIPTION
1	98-3-1	Plain Cover	7	63-36	Spring, Lift Button
2	98-3-3	Cover w/Lift Button	8	58-60	#6 Hi-Lo Screw
3	98-3-2	Cover w/Selector	9	63-111-2	Selector Knob
4	98-3-4	Cover w/Lift Button & Selector	10	L828	Blank Selector Label (Shown)
5	L827	Label, Bottle & Hose Fill		L835	Multi-Dilution Label (See Figure 13)
	L856	Label, Remote Fill	11	L829	Chemical Label
6	98-6-1B	Lift Button			

Parts List for DAH Rack Assemblies

(Some models may not include all items listed below)
(Always order by part number)

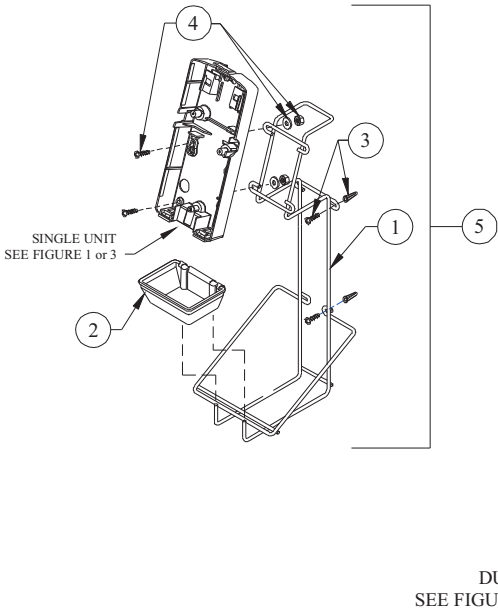


FIGURE 15: SINGLE RACK & DRIP TRAY ASSY.		
NO.	PART NO.	DESCRIPTION
1	98-105-1	Single Product Rack
2	98-104-1	Drip Tray
3	66-127	#12 Screw & Anchor Kit (Qty. 4 Each/Set)
4	98-103-1	#10 Screw, Washer & Nut Kit (Qty. 4 Each/Set)
5	98-112-1	Single Product Rack/Drip Tray Kit
6	98-90-1	Plate, DAH Mounting

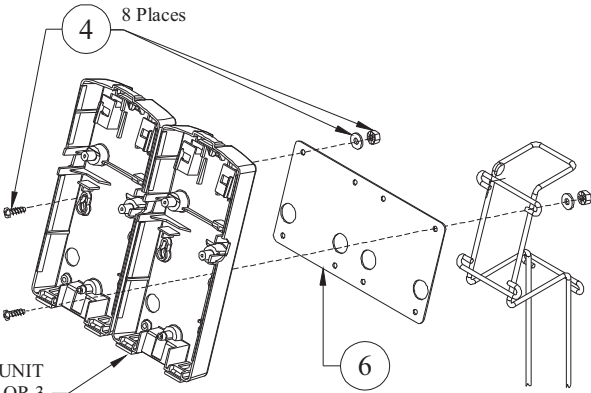
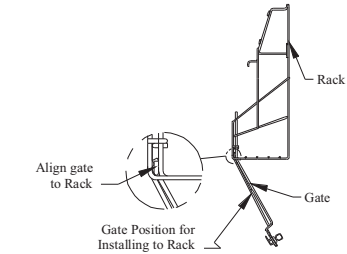
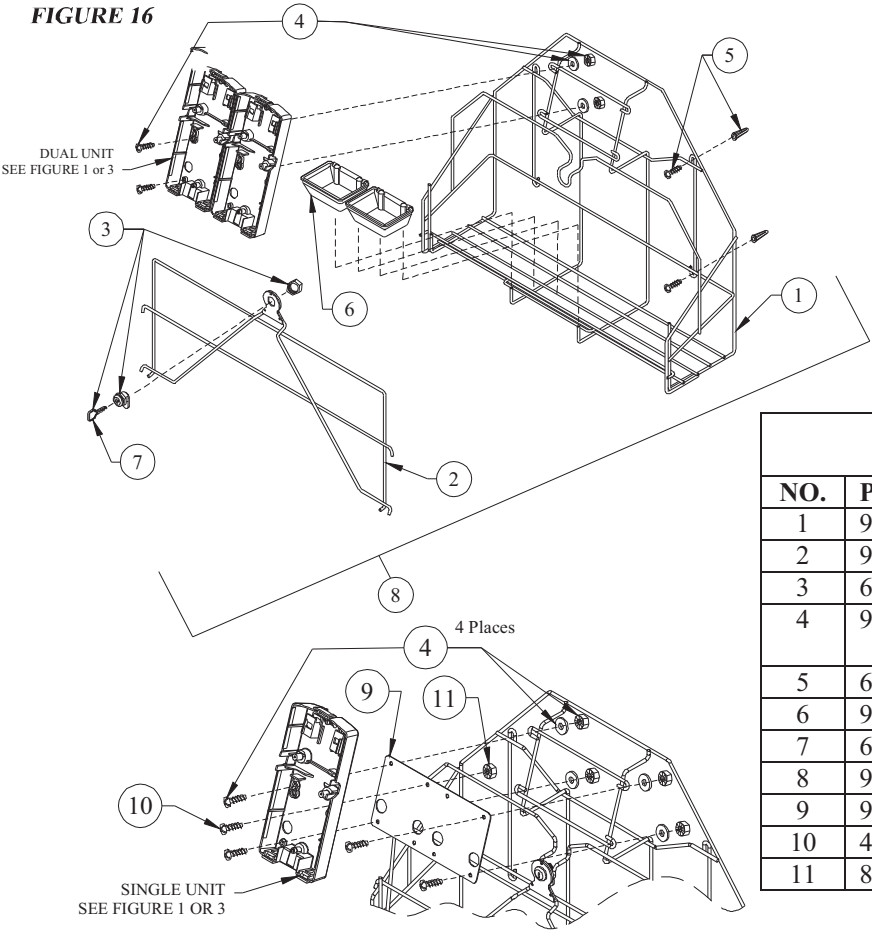


FIGURE 16

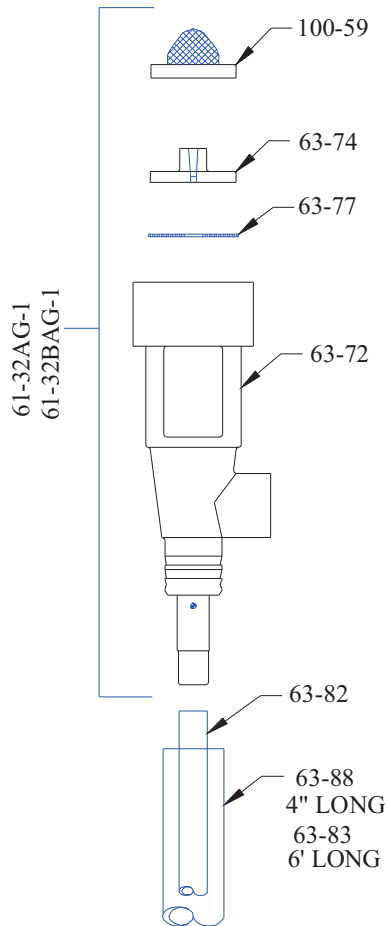


GATE INSTALLATION DETAIL

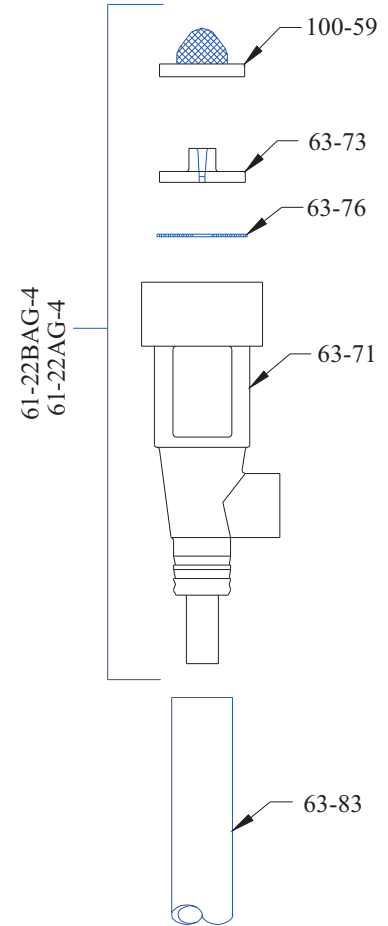
FIGURE 16: MULTIPRODUCT RACK ASSEMBLY AND DRIP TRAY		
NO.	PART NO.	DESCRIPTION
1	98-107-1	Multiproduct Rack
2	98-106-1	Multiproduct Gate
3	66-21	Cabinet Lock w/Key
4	98-103-1	#10 Screw, Washer & Nut Kit (Qty. 4 Each/Set)
5	66-127	#12 Screw & Anchor Kit (Qty. 4 Each/Set)
6	98-104-1	Drip Tray
7	66-21K	Key Only
8	98-113-1	Multiproduct Rack/1 Drip Tray Kit
9	98-90-1	Plate
10	44-124-3	#10 Screw
11	81-67-2	#10 Shakeproof Nut

DEMA AIR GAP PROPORTIONER

MODEL 164AG (1 GPM)



MODEL 163AG (4-GPM)

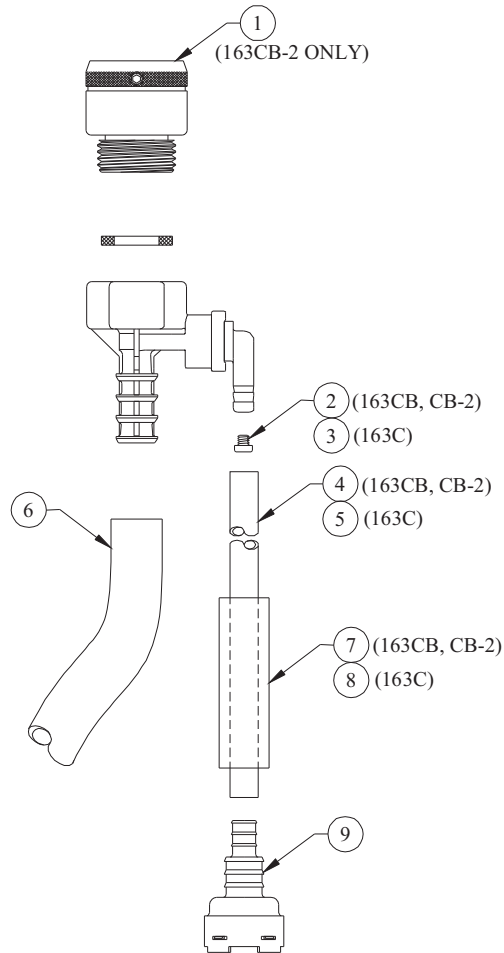


PART NO.	DESCRIPTION
61-22AG-4	4 GPM (3/8" BARB) PROPORTIONER
61-22BAG-4	4 GPM (1/4" BARB) PROPORTIONER
61-32AG-1	1 GPM (3/8" BARB) PROPORTIONER
61-32BAG-1	1 GPM (1/4" BARB) PROPORTIONER
61-107-1	CERAMIC WEIGHT (FOR 3/8" TUBE)
61-107-2	CERAMIC WEIGHT (FOR 1/4" TUBE)
63-71	PROPORTIONER BODY (4 GPM)
63-72	PROPORTIONER BODY (1 GPM)
63-73	NOZZLE (4 GPM)
63-74	NOZZLE (1 GPM)
63-76	SCREEN (4 GPM)

PART NO.	DESCRIPTION
63-77	SCREEN (1 GPM)
63-78	O-RING
63-79	INLET BARB (1/4" BARB)
63-80	INLET BARB (3/8" BARB)
63-82	VINYL TUBE (3/16" I.D. X 7" LG.)
63-83	VINYL TUBE (9/16 I.D. X 6' LG.)
63-88	VINYL TUBE (9/16" I.D. X 4" LG.)
100-11P	FOOT VALVE
100-12	VINYL TUBE (1/4 I.D. X 8' LG.)
100-12L	VINYL TUBE (3/8" I.D. X 8' LG.)
100-59	STRAINER WASHER

ACCESSORIES	61-9K	METERING TIP KIT-15 SIZES (3/8" BARB)
	100-15K	METERING TIP KIT-14 SIZES (1/4" BARB)

DEMA MODEL 163C, 163CB, 163CB-2 PROPORTIONER

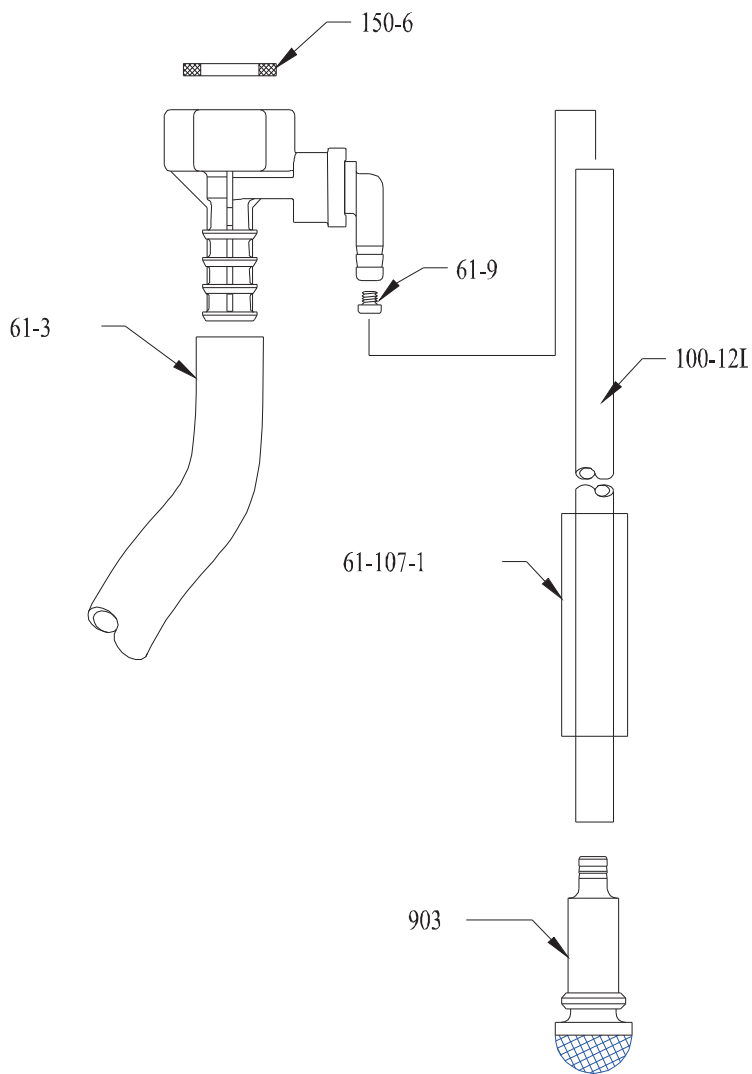


NO.	PART NO.	DESCRIPTION
1	34-22-4	Vacuum Breaker
2	100-12 (163CB, CB-2)	Vinyl Tube (1/4" ID x 8' Lg.)
3	100-12L (163C)	Vinyl Tube (3/8" ID x 8' Lg.)
4	61-3	Vinyl Tube (1/2" ID x 3' Lg.)
5	61-107 (163C)	Ceramic Weight (3/8" ID x 1/2" OD Tubing)
6	61-107-2 (163CB, CB-2)	Ceramic Weight (1/4" ID x 3/8" OD Tubing)
7	100-16E-	Foot Valve

ACCESSORIES

NO.	PART NO.	DESCRIPTION
8	61-9 (163C)	Metering Tip (Specify Color)
9	100-15 (163CB, CB-2)	Metering Tip (Specify Color)

MA 163CH HIGH CAPACITY PROPORTIONEI



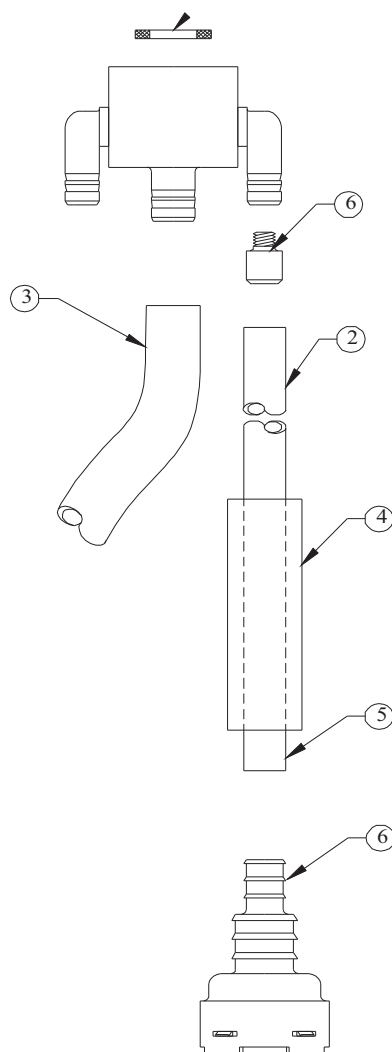
PART NO.	DESCRIPTION
100-12L	VINYL TUBE (3/8" ID X 8' LG.)
61-3	VINYL TUBE (1/2 ID X 3' LG.)
150-6	GARDEN HOSE RUBBER WASHER
61-107-1	CERAMIC WEIGHT
903	FOOT VALVE (FOR 163H)

ACCESSORIES

61-9	METERING TIP (SPECIFY COLOR)
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DEMA MODEL 163-2DF-2

DUAL FEED PROPORTIONER

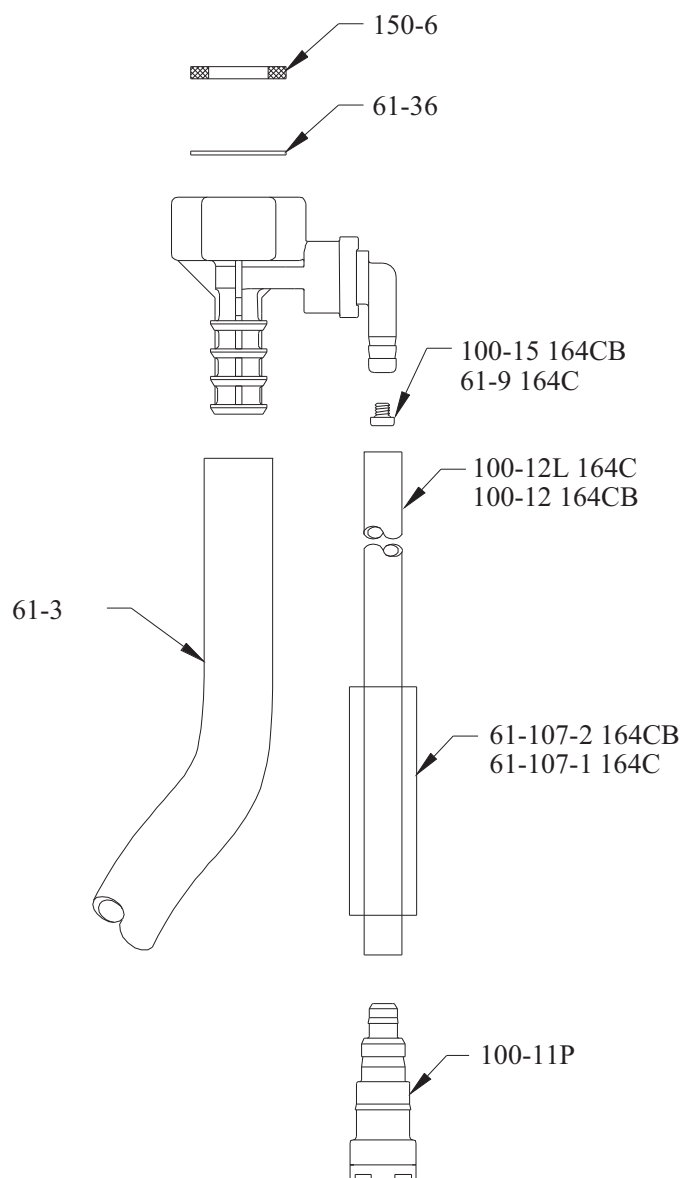


NO.	PART NO.	DESCRIPTION
1	150-6	Garden Hose Rubber Washer
2	100-12L	Vinyl Tube (3/8" ID X 8' Lg.)
3	16-3	Vinyl Tube (1/2 ID X 3' Lg.)
4	61-107-1	Ceramic Weight
5	100-16E	Foot Valve

ACCESSORIES

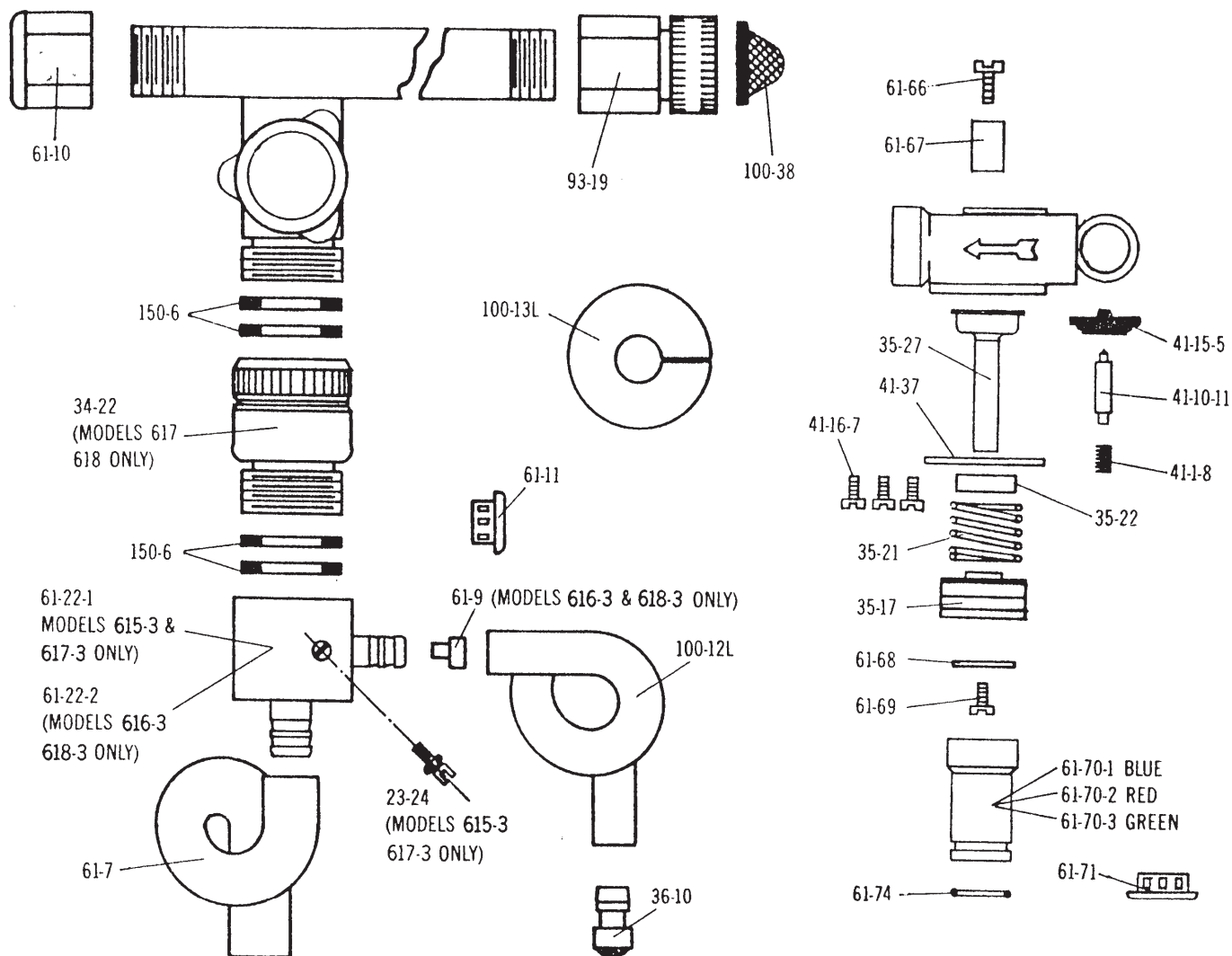
6	61-9	METERING TIP (SPECIFY COLOR)
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DEMA 164C,CB PROPORTIONER



PART NO.	DESCRIPTION
61-3	VINYL TUBE (1/2" ID X 3' LG.)
61-9	METERING TIP (164)
61-36	FLOW DISC
61-107-1	CERAMIC WEIGHT (163C)
61-107-2	CERAMIC WEIGHT (163CB, CB-2)
100-12	VINYL TUBE (1/4" ID X 8' LG) 164CB
100-12L	VINYL TUBE 3/8" X 8' LG) 164C
100-11P	FOOT VALVE
100-15	METERING TIP
150-6	RUBBER WASHER

BLEND CENTER, MODELS 615-3, 616-3, 617-3 and 618-3



PART NUMBER	DESCRIPTION
23-24	Metering Screw
34-22	Backflow Preventer
35-17	Magnet Assembly
35-21	Magnet Spring
35-22	Impact Spacer
35-27	Enclosing Tube Assembly
36-10	Foot Valve
41-1-8	Kick-Off Spring
41-10-11	Plunger
41-15-5	Diaphragm
41-16-7	Hex Head Screw
41-37	Flange
61-7	Vinyl Tubing (1/2" I.D. x 20' Lg.)
61-9	Metering Tip Specify Color
61-10	Pipe Cap
61-11	Snap Bushing - Inlet Tubing
61-22-1	Proportioner - Specify Model
61-22-2	Proportioner - Specify Model
61-66	Machine Screw, #10-24, 1" Lg.

PART NUMBER	DESCRIPTION
61-67	Standoff Spacer
61-68	Washer
61-69	Machine Screw, 8-32, 1/4" Lg.
61-70-1	Blue Button
61-70-2	Red Button
61-70-3	Green Button
61-71	Snap Bushing - Push Button
61-74	O-Ring
93-19	Pipe To Garden Hose Adapter
100-12L	Vinyl Tubing (3/8" I.D. x 8' Lg.)
100-13L	Drum Protector Cover
100-38	Inlet Screen
150-6	Garden Hose Rubber Washer
ACCESSORIES	
61-9K	Metering Tip Kit (13 Sizes)
61-25	Fresh Water Outlet Kit
61-32	1 GPM Proportioner
61-72	Locking Push Button
163H	High Capacity Proportioner

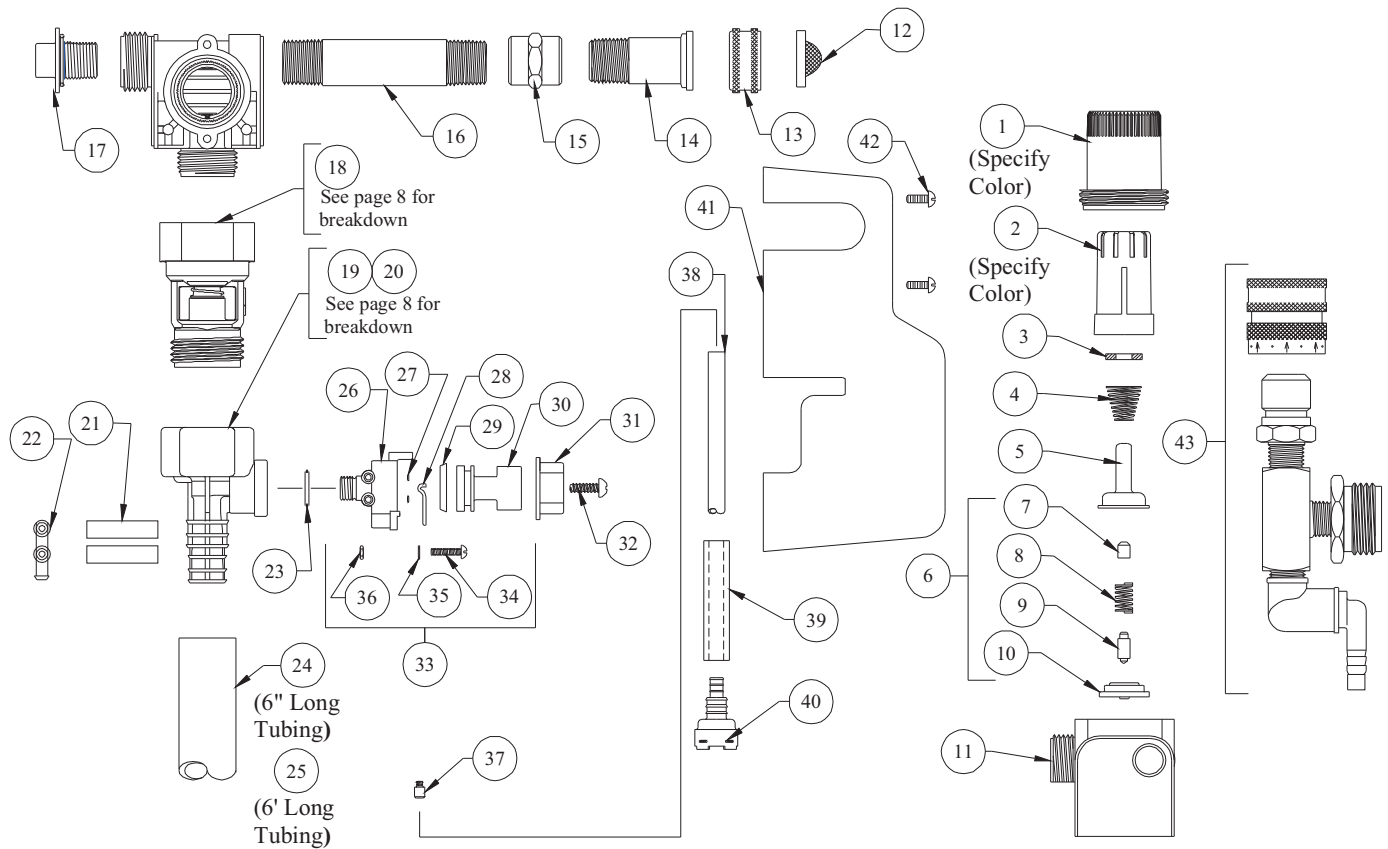
DEMA 635AG BLEND CENTER



ACCESSORIES	
61-25-2	FRESH WATER OUTLET KIT
68-6-QD2	PRESSURE INDICATING TEE
100-15K	METERING TIP KIT (14 SIZES)

DEMA MULTI-BLEND CENTERS

MODEL: 635GAP-1 & 635GAP-4



QTY.	PART NO.	DESCRIPTION
1	66-139	Magnet Housing (Specify Color)
2	66-140	Push Button (Specify Color)
3	63-35	Magnet
4	63-36	Spring
5	41-7-25	Enclosing Tube
6	63-87	Valve Repair Kit
7	63-37	Spacer
8	41-1-8	Kick-off spring
9	63-38	Plunger
10	41-15-5	Diaphragm
11	63-39	Valve Body
12	100-38	Strainer Washer
13	65-10-2	Hose Fitting Coupling
14	65-100-2	Hose Fitting Stem
15	63-57	3/8" NPT Coupling
16	63-151	Pipe Nipple (3/8" NPT X 3" Long)
17	66-153	Pipe Plug & O-Ring Assy.
18	16-30	Action Gap Assembly
19	61-22GAP-3	4 GPM Proportioner (Gray)
20	61-99GAP-3	1 GPM Proportioner (Green)
21	100-61	Vinyl Tubing (1/4" ID X 4" Lg.)
22	100-60	Barb Connector Tee

QTY.	PART NO.	DESCRIPTION
23	63-78	O-Ring
24	16-3-6	1/2" I.D. X 6" Lg. Vinyl Outlet Tube (1 GPM Only)
25	61-21	1/2" ID X 6' Lg. Vinyl Outlet Tube (4 GPM Only)
26	63-98	Selector Valve Body
27	25-77	O-Ring
28	63-100	Retainer Spring
29	63-51	"U" Cup
30	63-101-2	Selector Knob
31	63-111-2	Knob (Black)
32	58-60	Screw
33	63-96-3	Selector Valve Assembly
34	63-103	Screw
35	63-104	Washer
36	66-13	Nut
37	100-15K-1	Metering Tip Kit (14 Sizes)
38	100-12	1/4" ID X 8' Lg. Vinyl Supply Tubing
39	61-107-2	Ceramic Weight
40*	100-16E-1	Foot Valve (EPDM)
41	63-137-2	Cover
42	63-46	Screw

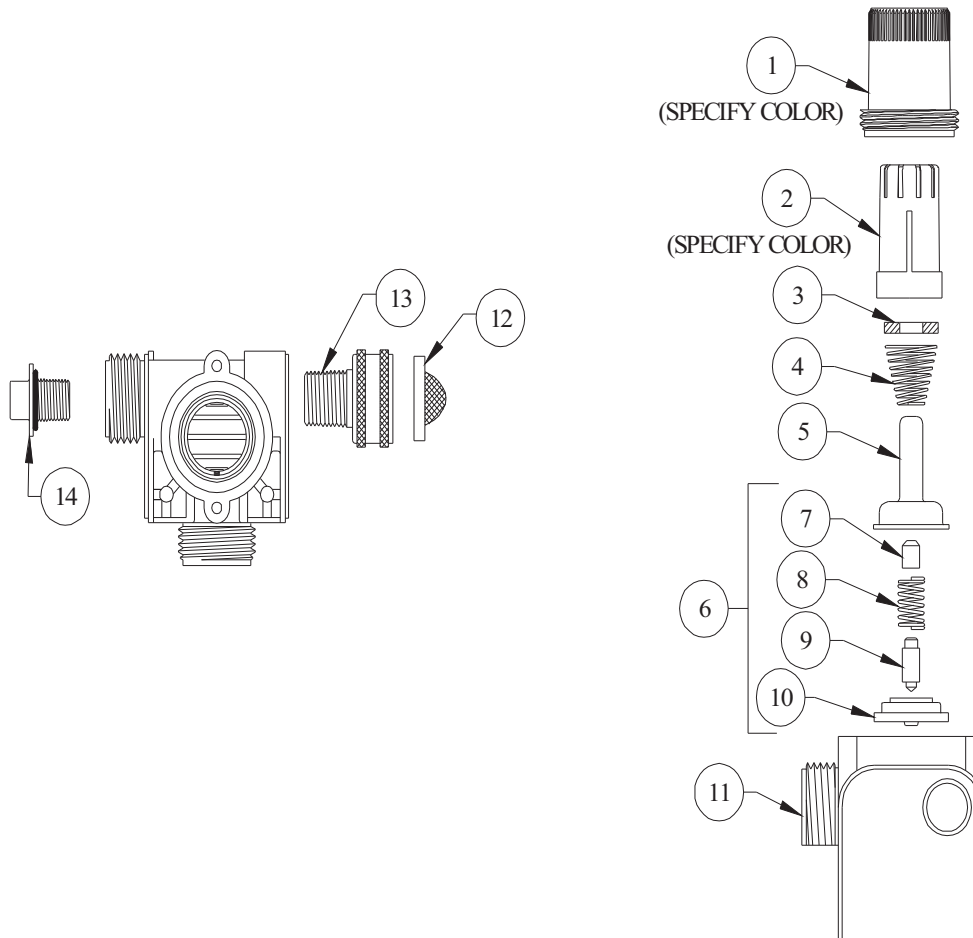
ACCESSORIES

QTY.	PART NO.	DESCRIPTION
43	68-6-QD2	Pressure Indicating Tee

*Foot Valve also available with silicone (100-16S-1) or Viton (100-16V-1 rubber seals.
Please specify material when ordering.

DEMA CLEANING CENTER

MODEL: 636GAP



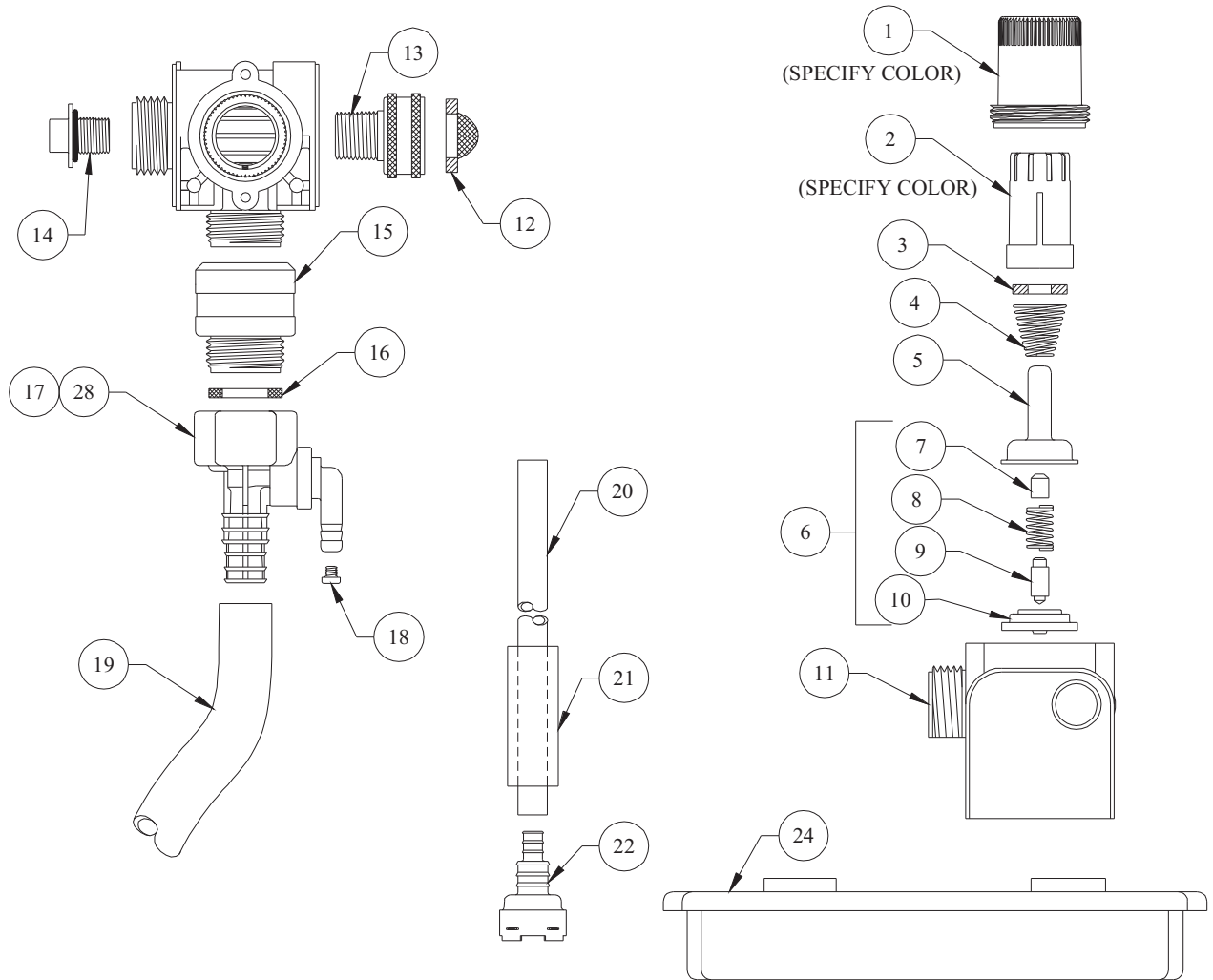
NO.	PART NO.	DESCRIPTION
1	66-139	Magnet Housing (Specify Color)
2	66-140	Push Button (Specify Color)
3	63-35	Magnet
4	63-36	Spring
5	41-7-25	Enclosing Tube
6	63-87	Valve Repair Kit
7	63-37	Spacer
8	41-1-8	Kick-off spring
9	63-38	Plunger
10	41-15-5	Diaphragm, EP
11	63-39	Valve Body
12	100-38	Strainer Washer
13	63-32	Pipe To Garden Hose Adaptor
14	66-153	Pipe Plug & O-Ring Assy.

ACCESSORIES

15	61-25-2	Fresh Water Outlet Kit
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DEMA CLEANING CENTER

MODEL: 636



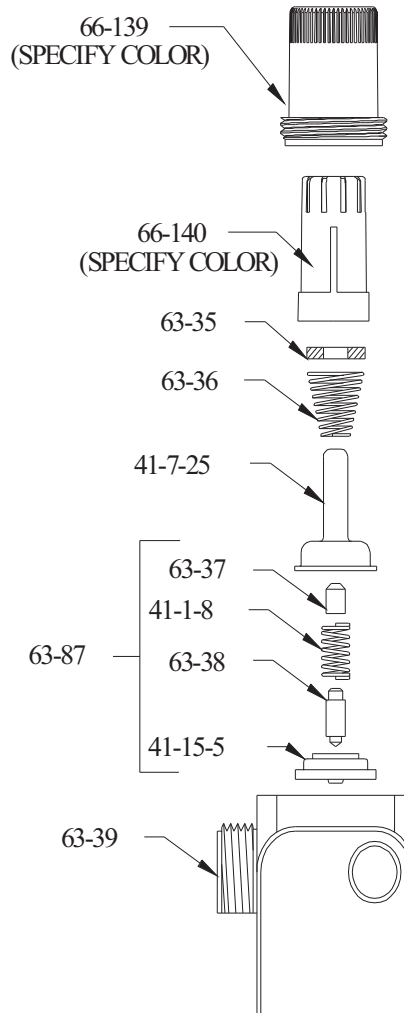
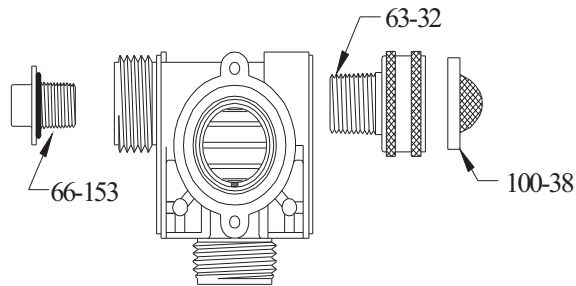
NO.	PART NO.	DESCRIPTION
1.	66-139	Magnet Housing (Specify Color)
2.	66-140	Push Button (Specify Color)
3.	63-35	Magnet
4.	63-36	Spring
5.	41-7-25	Enclosing Tube
6.	63-87	Valve Repair Kit
7.	63-37	Spacer
8.	41-1-8	Kick-Off Spring
9.	63-38	Plunger
10.	41-15-5	Diaphragm
11.	63-39	Valve Body
12.	100-38	Inlet Screen
13.	63-32	Pipe To Garden Hose Adaptor
14.	66-153	Pipe Plug and O-Ring Assy.
15.	34-22-4	Siphon Breaker
16.	150-6	Garden Hose Rubber Washer

NO.	PART NO.	DESCRIPTION
17.	61-32B	1 GPM Proportioner
18.	100-15K	Metering Tip Kit (13 Sizes)
19.	61-21-2	Vinyl Tube (1/2 ID X 12" Lg.)
20.	100-12	Vinyl Tube (1/4 ID X 8' Lg.)
21.	61-107-2	Ceramic Weight
22.	100-16E-1	Foot Valve
23.	61-109	Mounting Base (Not shown)
24.	61-110	Drip Tray
25.	63-46	Valve & Cover Screw (Not Shown)

ACCESSORIES

26.	61-25-2	Fresh Water Outlet Kit
27.	61-22GAP-2	4 GPM Proportioner
28.	163CB	Medium Capacity Proportioner
29.	163CH	High Capacity Proportioner
30.	61-21	Vinyl Tube (1/2 ID X 6' Lg.)

CLEANING CENTER, MODEL 636AG



PART NO.	DESCRIPTION
41-1-8	KICK-OFF SPRING
41-7-25	ENCLOSING TUBE
41-15-5	DIAPHRAGM
61-108	COVER
61-109	MOUNTING BASE
61-110	DRIP TRAY
63-32	PIPE TO GARDEN HOSE ADAPTOR
63-35	MAGNET
63-36	SPRING
63-37	SPACER

PART NO.	DESCRIPTION
63-38	PLUNGER
63-39	VALVE BODY
63-46	VALVE & COVER SCREW
63-87	VALVE REPAIR KIT
66-139	MAGNET HOUSING (SPECIFY COLOR)
66-140	PUSH BUTTON (SPECIFY COLOR)
66-153	PIPE PLUG
100-38	INLET SCREEN

ACCESSORIES

61-25-2	FRESH WATER OUTLET KIT
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The logo consists of the word "DEMA" in a bold, white, sans-serif font, set against a dark blue rectangular background. A registered trademark symbol (®) is located to the upper right of the blue rectangle.

DEMA®

INDUSTRIAL DISPENSERS

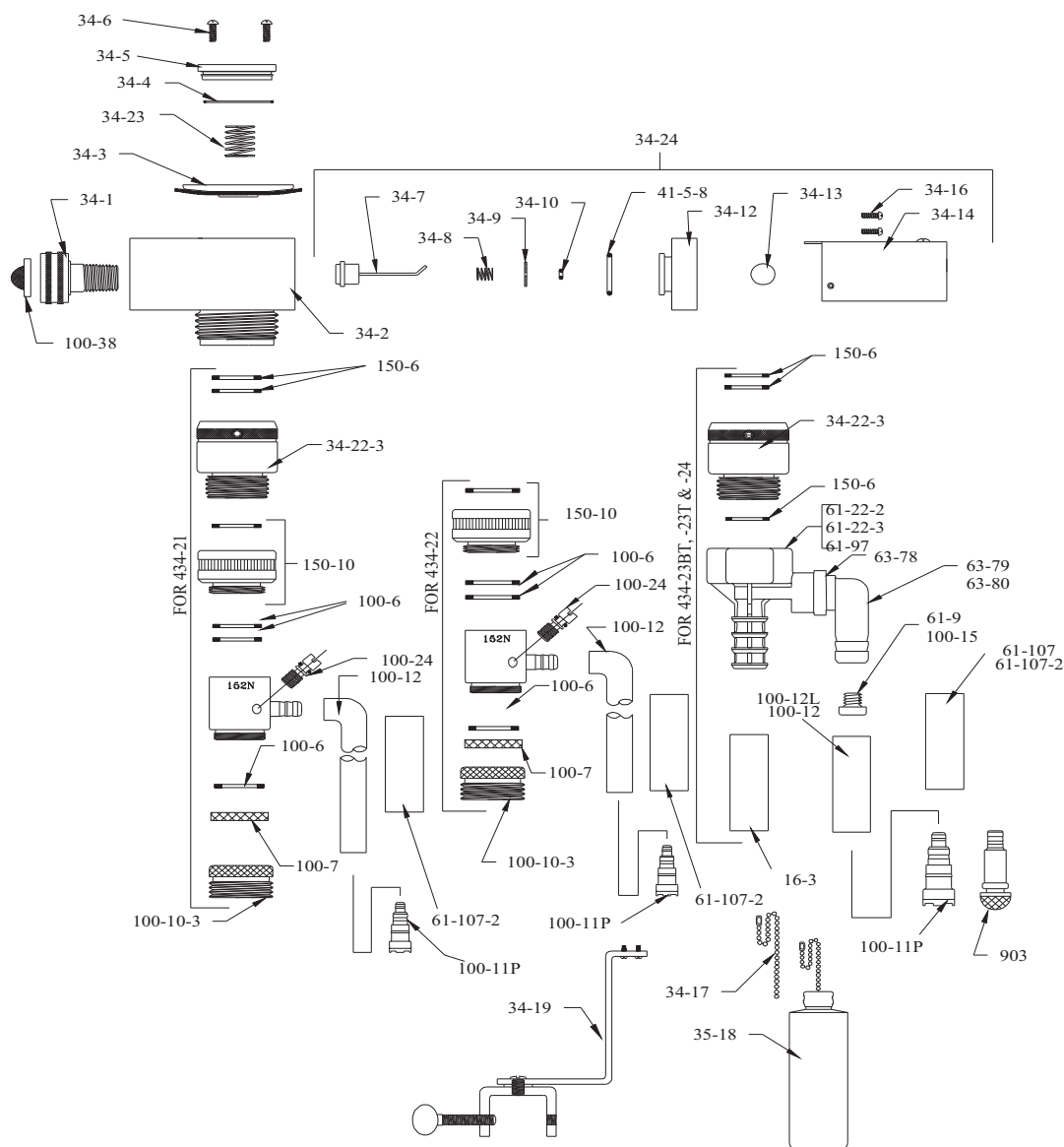
FLOAT VALVES

HIGH FLOW DISPENSERS

DRUM MOUNT DISPENSERS

DEMAMATIC LIQUID PROPORTIONING LEVEL CONTROLS

MODELS 434-21, 434-22 & 434-23BT, 434-23T AND 434-24



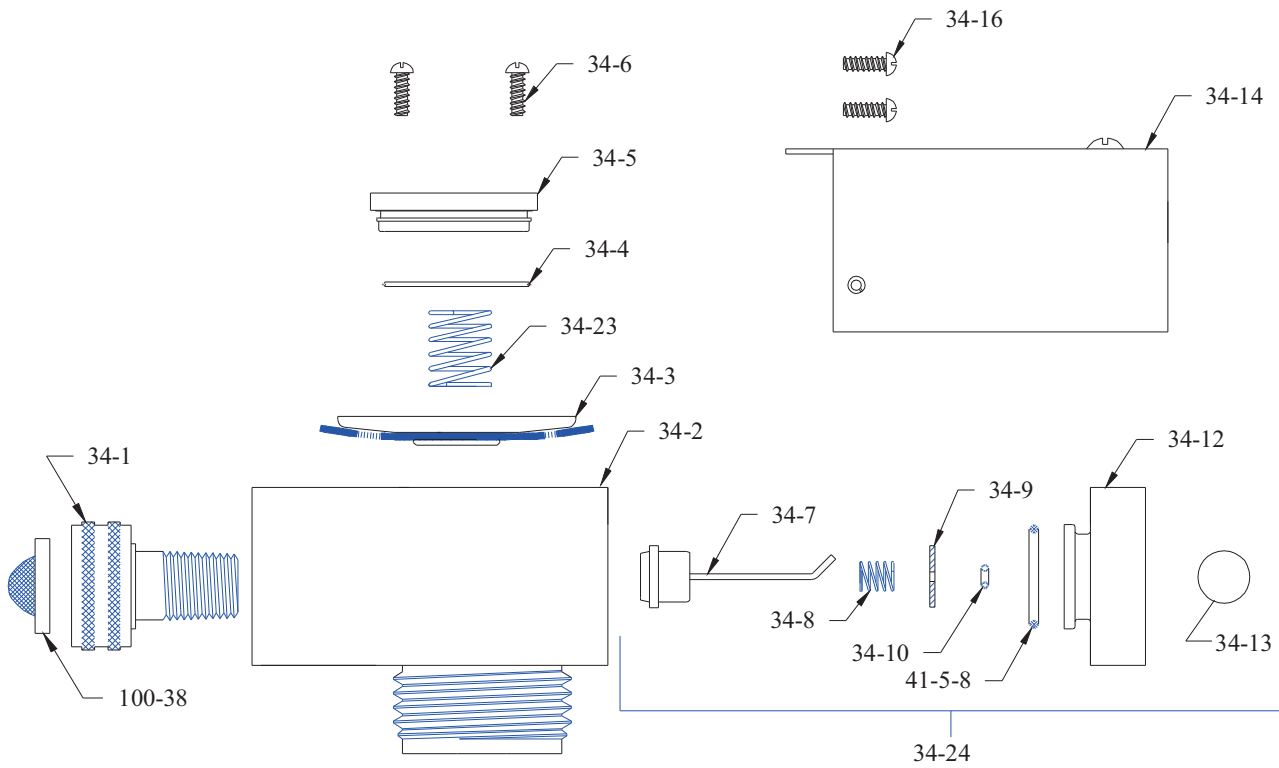
PART NO.	DESCRIPTION	PART NO.	DESCRIPTION
16-3	3' DISCHARGE TUBING	61-9	METERING TIP, SPECIFY SIZE (434-23T, -24 ONLY)
34-1	INLET HOSE ADAPTER	61-22-2	PROPORTIONER ASSY (434-23T)
34-2	BODY ASSEMBLY	61-22-3	PROPORTIONER ASSY (434-23BT)
34-3	DIAPHRAGM ASSEMBLY	61-97	PROPORTIONER ASSY (434-24)
34-4	VALVE COVER O-RING	61-107	CERAMIC WEIGHT (434-23T, 434-24 ONLY)
34-5	VALVE COVER	61-107-2	CERAMIC WEIGHT
34-6	VALVE COVER SCREWS (2)	63-78	O-RING
34-7	PILOT VALVE DISC AND STEM ASSEMBLY	63-79	INLET BARB (434-23BT ONLY)
34-8	PILOT VALVE SPRING	63-80	INLET BARB (434-23T, -24 ONLY)
34-9	PILOT VALVE PLATE	100-6	RUBBER WASHER
34-10	PILOT VALVE STEM O-RING	100-7	COPPER BOUND SCREEN
34-12	PILOT VALVE COVER	100-10-3	ADAPTER FOR 3/8" PIPE OR GARDEN HOSE
34-13	STEM NUT WITH SET SCREW	100-11P	FOOT VALVE
34-14	LEVER ASSEMBLY	100-12	8' PLASTIC SUPPLY TUBING (434-23BT)
34-16	LEVER ASSEMBLY SCREWS (2)	100-12L	8' PLASTIC SUPPLY TUBING (434-23T, -24)
34-18	FLOAT ASSEMBLY	100-15	METERING TIP, SPECIFY SIZE (434-23BT ONLY)
34-19	MOUNTING BRACKET ASSY.	100-24	METERING SCREW
34-22-3	BACKFLOW PREVENTER	100-38	INLET SCREEN WASHER
34-23	CLOSING SPRING	150-6	RUBBER WASHER
34-24	PILOT VALVE ASSEMBLY	150-10	ADAPTER W/ RUBBER WASHER
41-5-8	PILOT VALVE COVER O-RING	903	FOOT VALVE (434-24 ONLY)

ACCESSORIES

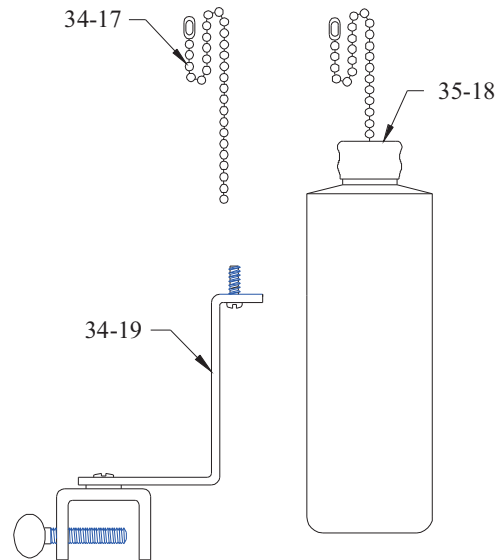
PART NO.	DESCRIPTION
34-17	16" CHAIN WITH CONNECTOR
61-9K	METERING TIP KIT
100-15K	METERING TIP KIT

DEMA FLOAT VALVE

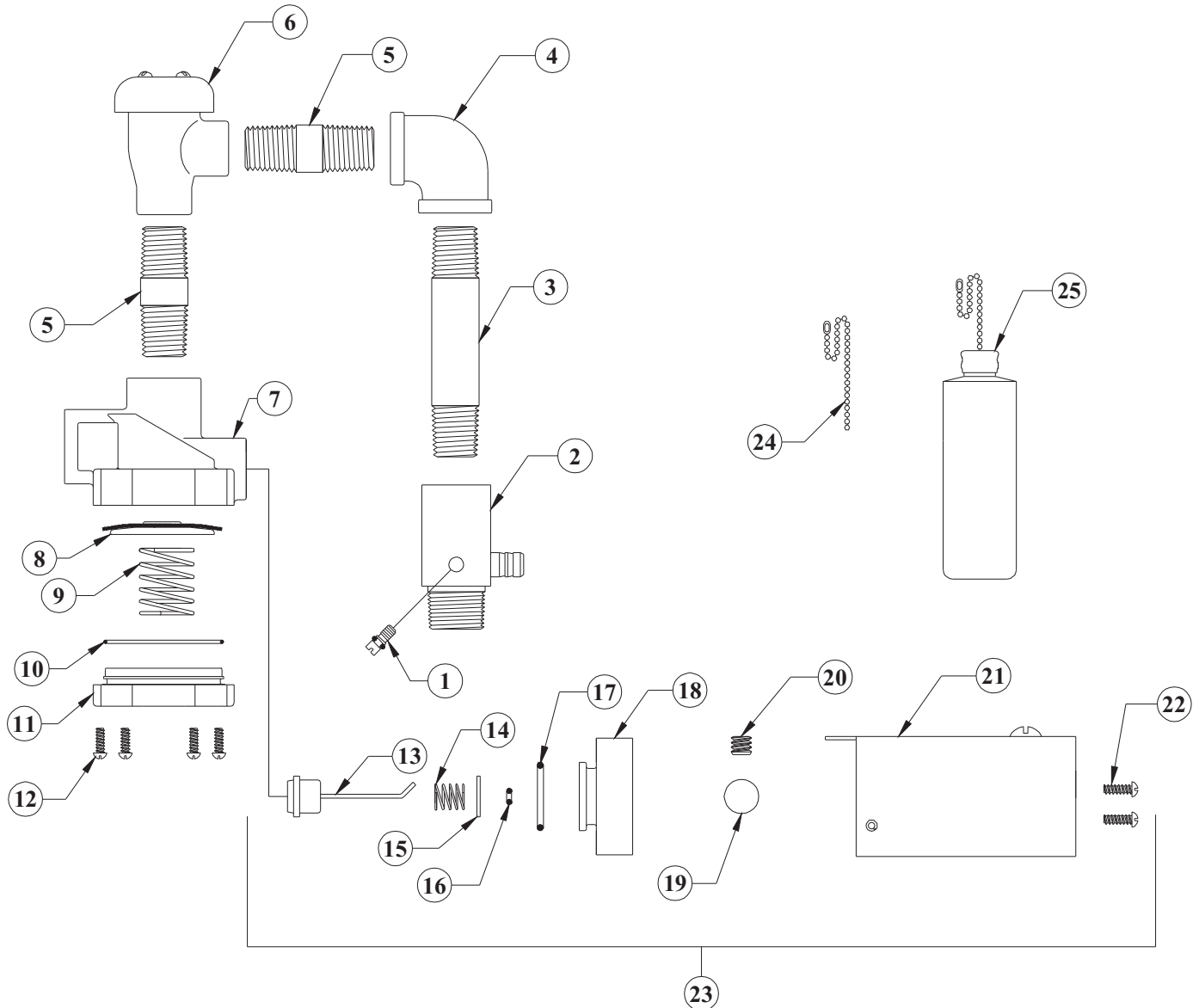
MODEL 434N



PART NO.	DESCRIPTION
34-1	INLET HOSE ADAPTER
34-2	BODY ASSEMBLY
34-3	DIAPHRAGM ASSEMBLY
34-4	VALVE COVER O-RING
34-5	VALVE COVER
34-6	VALVE COVER SCREWS (2-REQD)
34-7	PILOT VALVE DISC STEM ASSY.
34-8	PILOT VALVE SPRING
34-9	PILOT VALVE PLATE
34-10	PILOT VALVE STEM O-RING
34-12	PILOT VALVE COVER
34-13	STEM NUT W/ SET SCREW
34-14	LEVER ASSEMBLY
34-16	LEVER ASSY. SCREW (2-REQD)
34-17	16" CHAIN W/ CONNECTOR
35-18	FLOAT ASSEMBLY
34-19	MOUNTING BRACKET ASSEMBLY
34-23	CLOSING SPRING
34-24	PILOT VALVE ASSEMBLY
41-5-8	PILOT VALVE COVER O-RING
100-38	INLET SCREEN WASHER



DEMA MODEL 436P-21 FLOAT VALVE

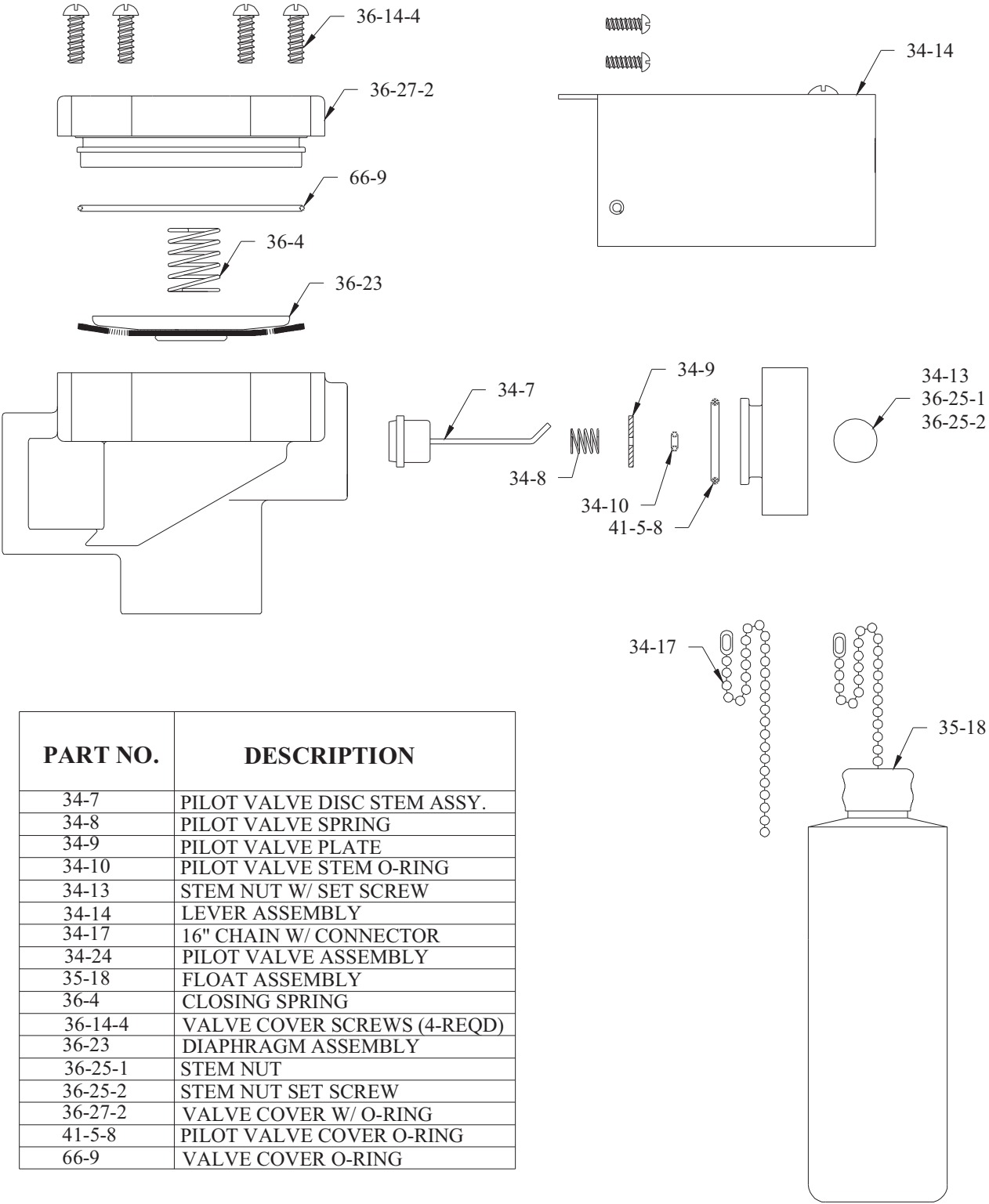


NO.	PART NO.	DESCRIPTION
1	23-24	METERING SCREW W/ O-RING
2	36-9	PROPORTIONER BODY ASSEMBLY
3	36-31-2	3/4"NPT X 6" LG. PIPE NIPPLE
4	36-34-1	3/4"NPT X 90° PIPE ELBOW
5	36-31-1	3/4"NPT X 2" LG. PIPE NIPPLE
6	36-13	VACUUM BREAKER
7	36-26	VALVE BODY & SEAT INSERT
8	36-23	DIAPHRAGM ASSEMBLY
9	36-4	CLOSING SPRING
10	66-9	VALVE LID O-RING
11	36-27-2	VALVE LID
12	36-33-4	#8 X 1 1/4" LG. SCREW (4-REQD)
13	34-7	PILOT VALVE DISC & STEM ASSEMBLY

NO.	PART NO.	DESCRIPTION
14	34-8	PILOT VALVE SPRING
15	34-9	PILOT VALVE PLATE
16	34-10	PILOT VALVE STEM O-RING
17	41-5-8	PILOT VALVE END CAP O-RING
18	36-28-2	PILOT VALVE END CAP
19	36-29-2	STEM NUT
20	36-30-1	SET SCREW
21	34-14	LEVER ASSEMBLY
22	81-18-3	#6 X 5/8" LG. HI-LO SCREW (2-REQD)
23	34-24	PILOT VALVE ASSEMBLY
24	34-17	16" LG. CHAIN W/ CONNECTOR
25	34-18	FLOAT ASSEMBLY

DEMA FLOAT VALVE

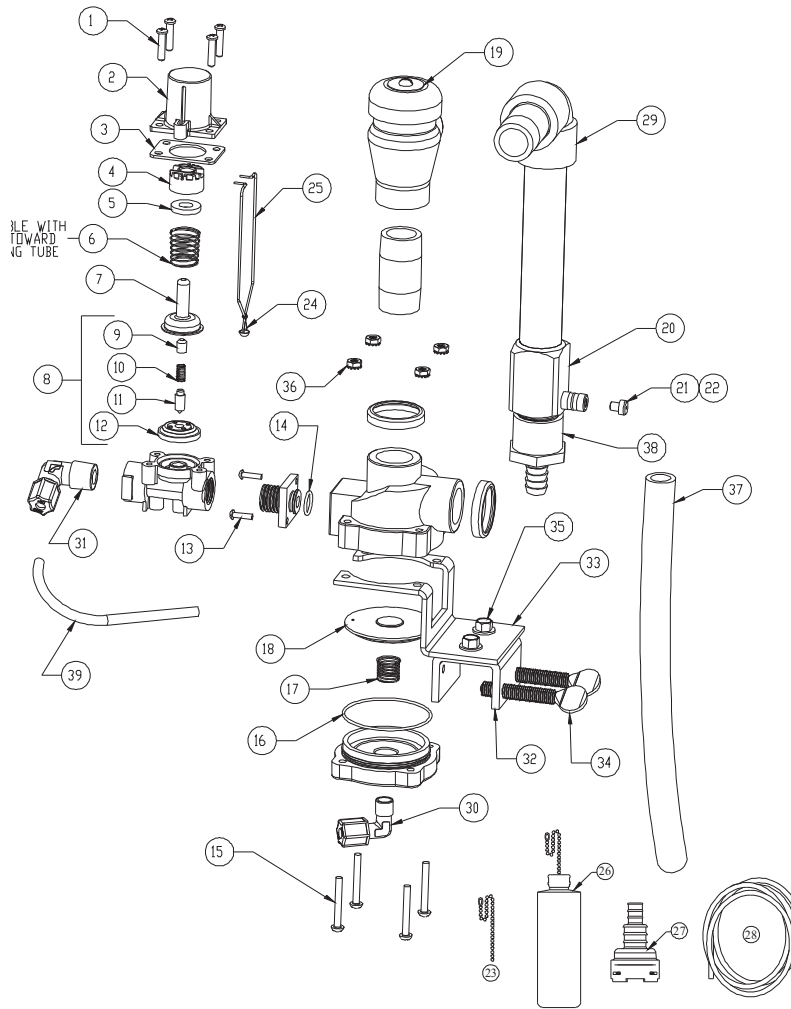
MODEL 436PN



PART NO.	DESCRIPTION
34-7	PILOT VALVE DISC STEM ASSY.
34-8	PILOT VALVE SPRING
34-9	PILOT VALVE PLATE
34-10	PILOT VALVE STEM O-RING
34-13	STEM NUT W/ SET SCREW
34-14	LEVER ASSEMBLY
34-17	16" CHAIN W/ CONNECTOR
34-24	PILOT VALVE ASSEMBLY
35-18	FLOAT ASSEMBLY
36-4	CLOSING SPRING
36-14-4	VALVE COVER SCREWS (4-REQD)
36-23	DIAPHRAGM ASSEMBLY
36-25-1	STEM NUT
36-25-2	STEM NUT SET SCREW
36-27-2	VALVE COVER W/ O-RING
41-5-8	PILOT VALVE COVER O-RING
66-9	VALVE COVER O-RING

WATCH GUARD

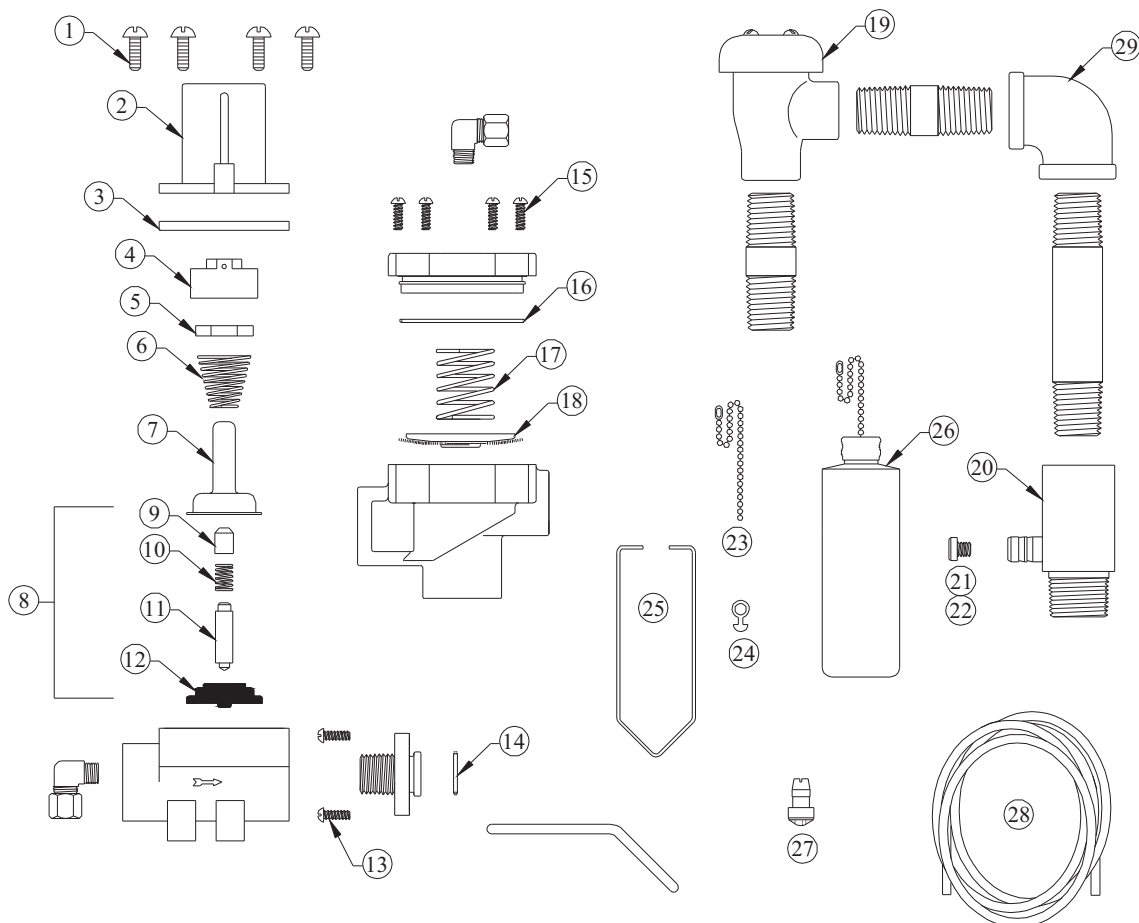
MODEL 437P-21



NO.	PART NO.	DESCRIPTION
1	44-116-1	Valve Cover Screws (4 Req'd)
2	35-44	Magnet Cover
3	35-37	Flange
4	35-43	Magnet Holder
5	63-35	Magnet
6	35-33	Magnet Spring
7	41-7-25	Enclosing Tube
8	63-87	Valve Repair Kit
9	63-37	Spacer
10	41-1-8	Kick-off Spring
11	63-38	Plunger
12	41-15-10	Diaphragm
13	58-60	Machine Screw (2 Req'd)
14	41-5-8	O-Ring
15	36-15-1	Valve Cover Screws (4 Req'd)
16	66-9	O-Ring
17	36-4	Closing Spring
18	36-23	Diaphragm Assembly
19	36-13	Vacuum Breaker

NO.	PART NO.	DESCRIPTION
20	36-21	Injector
21	61-9	Metering Tip (Specify Color)
22	61-9K-FV	Metering Tip Kit (13 Tips)
23	34-17	16" Chain w/Connector
24	35-12	Float Hanger Clip
25	35-42	Float Hanger Wire
26	35-18	Float Hanger Assembly
27	100-16V	Foot Valve
28	100-2L	Plastic Tubing 3/8" ID 8' Lg.
29	36-34-1	3/4" Pipe Elbow
30	59-60-6	1/8" NPT X 1/4" OD Fitting
31	59-60-7	3/8" NPT X 1/4" OD Fitting
32	-	U Bracket
33	-	Z Bracket
34	-	Thumbscrew
35	-	Flange Bolt
36	-	Hex Nuts
37	96-75-10	Fill Tube
38	66-119-61	Barb 3/4" FNPT x 3/4"
39	-	1/4" LDPE Tubing, 8"

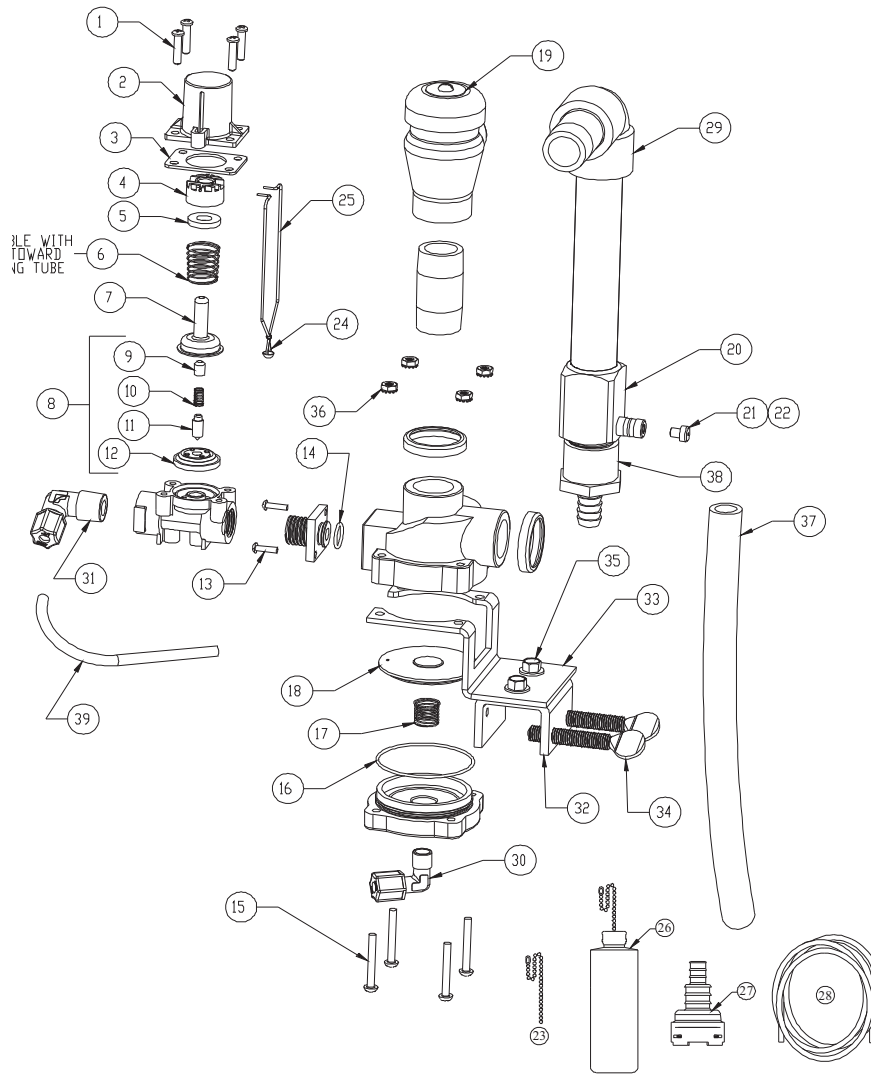
DEMA FLOAT VALVE MODEL 437P-21



NO.	PART NO.	DESCRIPTION
1	44-116-1	Valve Cover Screws (4 Req'd)
2	35-44	Magnet Cover
3	35-37	Flange
4	35-43	Magnet Holder
5	63-35	Magnet
6	35-33	Magnet Spring
7	41-7-25	Enclosing Tube
8	63-87	Valve Repair Kit
9	63-37	Spacer
10	41-1-8	Kick-off Spring
11	63-38	Plunger
12	41-15-10	Diaphragm
13	58-60	Machine Screw (2 Req'd)
14	41-5-8	O-Ring
15	36-14-4	Valve Cover Screws (4 Req'd)

NO.	PART NO.	DESCRIPTION
16	66-9	O-Ring
17	36-4	Closing Spring
18	36-23	Diaphragm Assembly
19	36-13	Vacuum Breaker
20	36-21	Injector
21	61-9	Metering Tip (Specify Color)
22	61-9K	Metering Tip Kit (13 Tips)
23	34-17	16" Chain w/Connector
24	35-12	Float Hanger Clip
25	35-42	Float Hanger Wire
26	35-18	Float Hanger Assembly
27	36-10	Foot Valve
28	100-2L	Plastic Tubing 3/8" ID 8' Lg.
29	36-34-1	3/4" Pipe Elbow
--	35-46	Valve Body

WATCH GUARD MODEL 437P-21

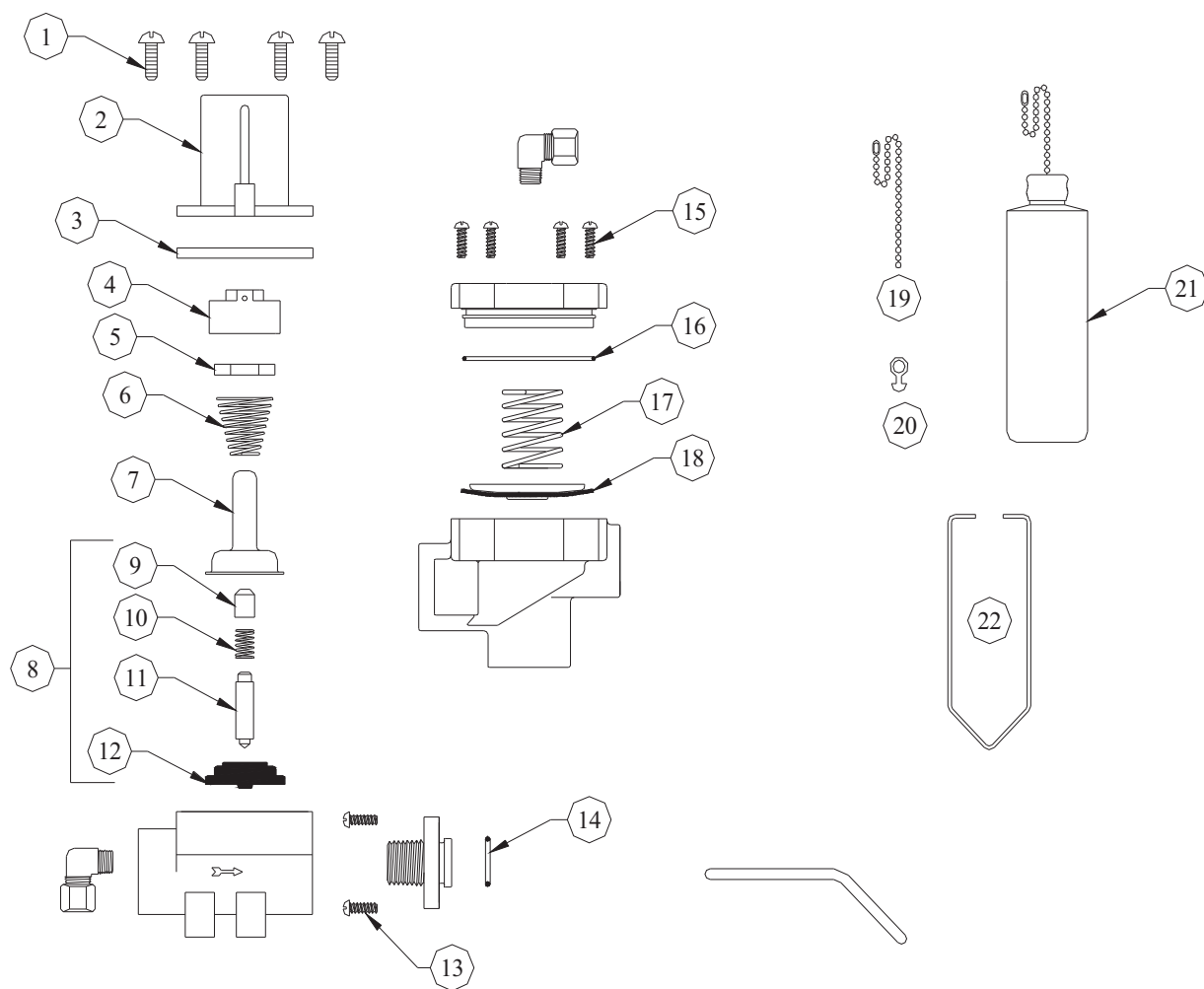


NO.	PART NO.	DESCRIPTION
1	44-116-1	Valve Cover Screws (4 Req'd)
2	35-44	Magnet Cover
3	35-37	Flange
4	35-43	Magnet Holder
5	63-35	Magnet
6	35-33	Magnet Spring
7	41-7-25	Enclosing Tube
8	63-87	Valve Repair Kit
9	63-37	Spacer
10	41-1-8	Kick-off Spring
11	63-38	Plunger
12	41-15-10	Diaphragm
13	58-60	Machine Screw (2 Req'd)
14	41-5-8	O-Ring
15	36-15-1	Valve Cover Screws (4 Req'd)
16	66-9	O-Ring
17	36-4	Closing Spring
18	36-23	Diaphragm Assembly
19	36-13	Vacuum Breaker

NO.	PART NO.	DESCRIPTION
20	36-21	Injector
21	61-9	Metering Tip (Specify Color)
22	61-9K-FV	Metering Tip Kit (13 Tips)
23	34-17	16" Chain w/Connector
24	35-12	Float Hanger Clip
25	35-42	Float Hanger Wire
26	35-18	Float Hanger Assembly
27	100-16V	Foot Valve
28	100-2L	Plastic Tubing 3/8" ID 8' Lg.
29	36-34-1	3/4" Pipe Elbow
30	59-60-6	1/8" NPT X 1/4" OD Fitting
31	59-60-7	3/8" NPT X 1/4" OD Fitting
32	-	U Bracket
33	-	Z Bracket
34	-	Thumbscrew
35	-	Flange Bolt
36	-	Hex Nuts
37	96-75-10	Fill Tube
38	66-119-61	Barb 3/4" FNPT x 3/4"
39	-	1/4" LDPE Tubing, 8"

DEMA FLOAT VALVE

MODEL 437PN



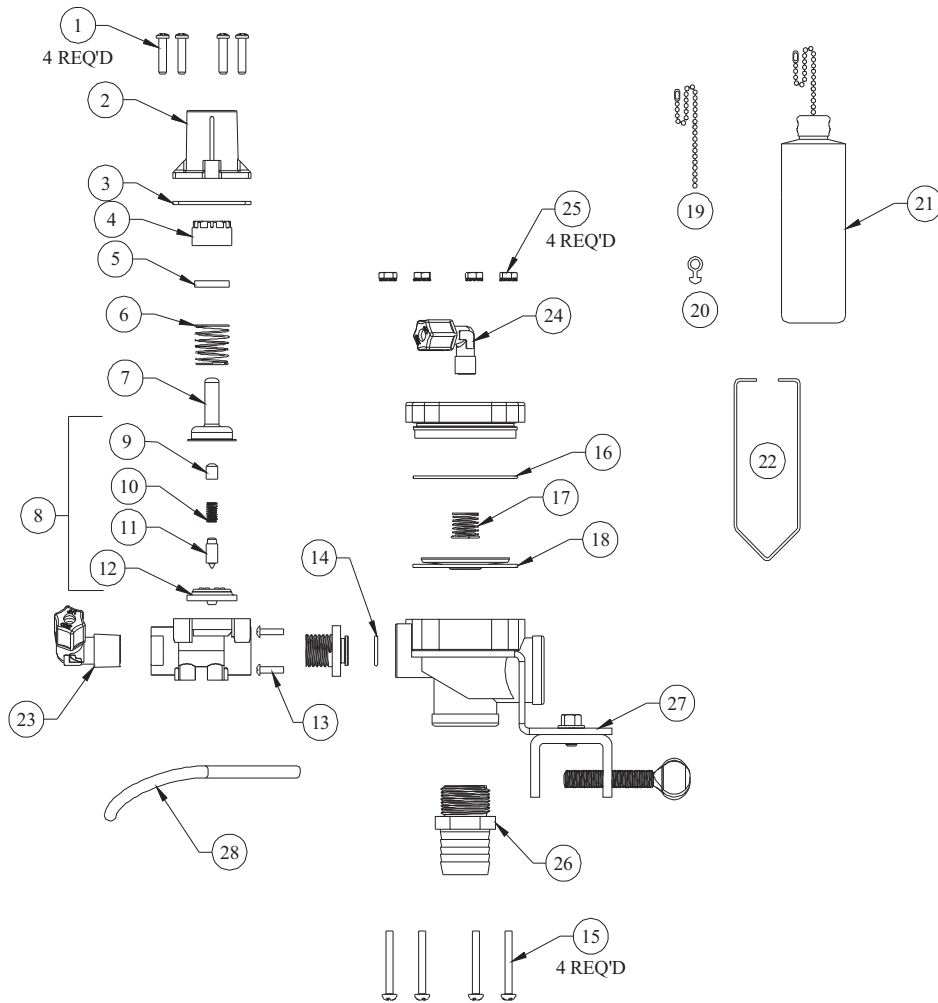
NO.	PART NO.	DESCRIPTION
1	44-116-1	Valve Cover Screw (4 Req'd)
2	35-44	Magnet Cover
3	35-37	Flange
4	35-43	Magnet Holder
5	63-35	Magnet
6	35-33	Magnet Spring
7	41-7-25	Enclosing Tube
8	63-87	Valve Repair Kit
9	63-37	Spacer

10	41-1-8	Kick-off Spring
11	63-38	Plunger

NO.	PART NO.	DESCRIPTION
12	41-15-10	Diaphragm
13	58-60	Machine Screws (2 Req'd)
14	41-5-8	O-Ring
15	36-14-4	Valve Cover Screws (4Req'd)
16	66-9	O-Ring
17	36-4	Closing Spring

18	36-23	Diaphragm Assembly
19	34-17	16'' Chain W/Connector
20	35-12	Float Hanger Clip
21	35-18	Float Assembly
22	35-42	Float Hanger Wire

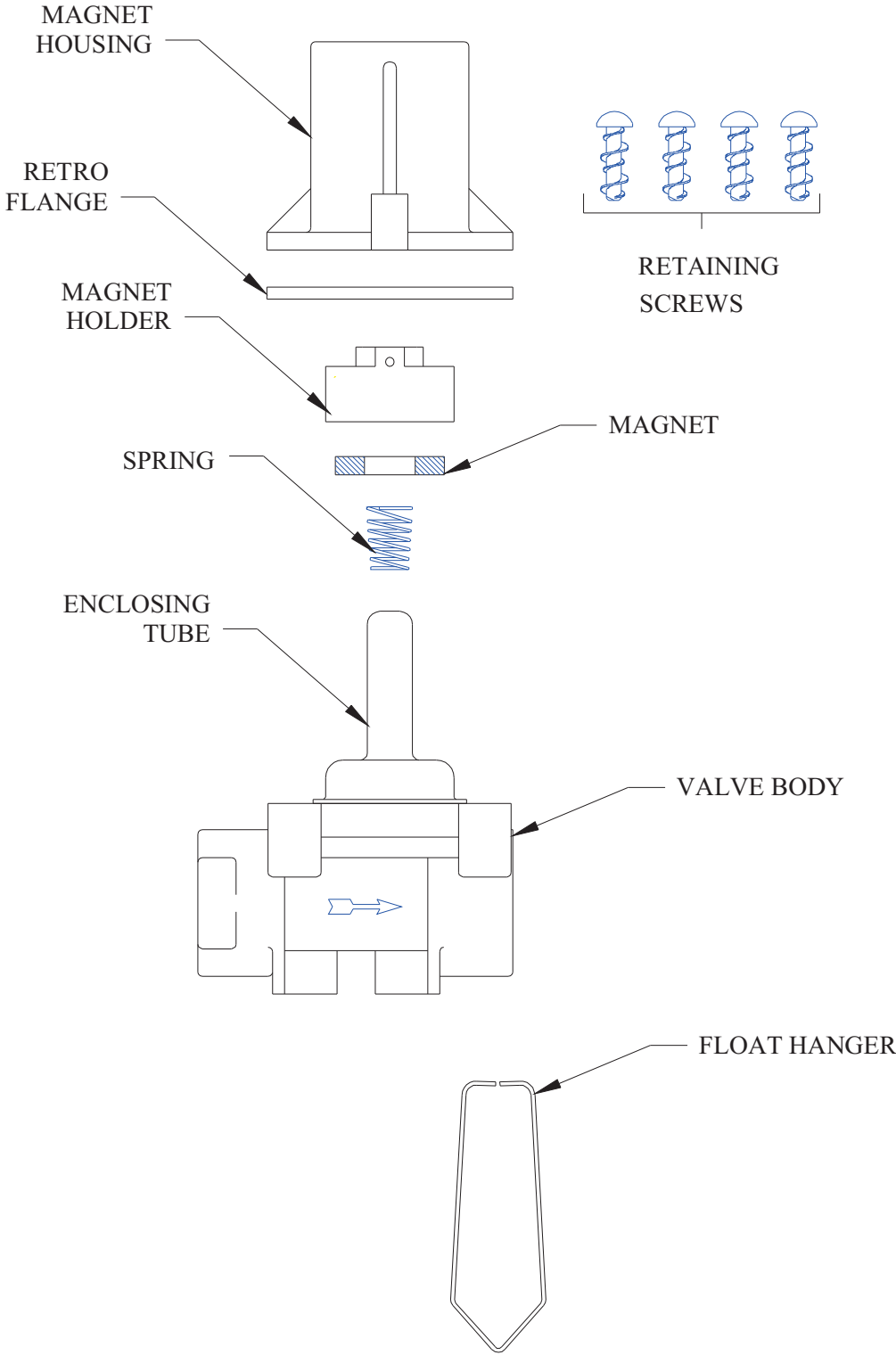
WATCH GUARD MODEL 437PN



NO.	PART NO.	DESCRIPTION
1	44-116-1	Valve Cover Screw (4 Req'd)
2	35-44	Magnet Cover
3	35-37	Flange
4	35-43	Magnet Holder
5	63-35	Magnet
6	35-33	Magnet Spring
7	41-7-25	Enclosing Tube
8	63-87	Valve Repair Kit
9	63-37	Spacer
10	41-1-8	Kick-off Spring
11	63-38	Plunger
12	41-15-10	Diaphragm
13	58-60	Machine Screws (2 Req'd)
14	41-5-8	O-Ring
15	36-15-1	Valve Cover Screws (4Req'd)

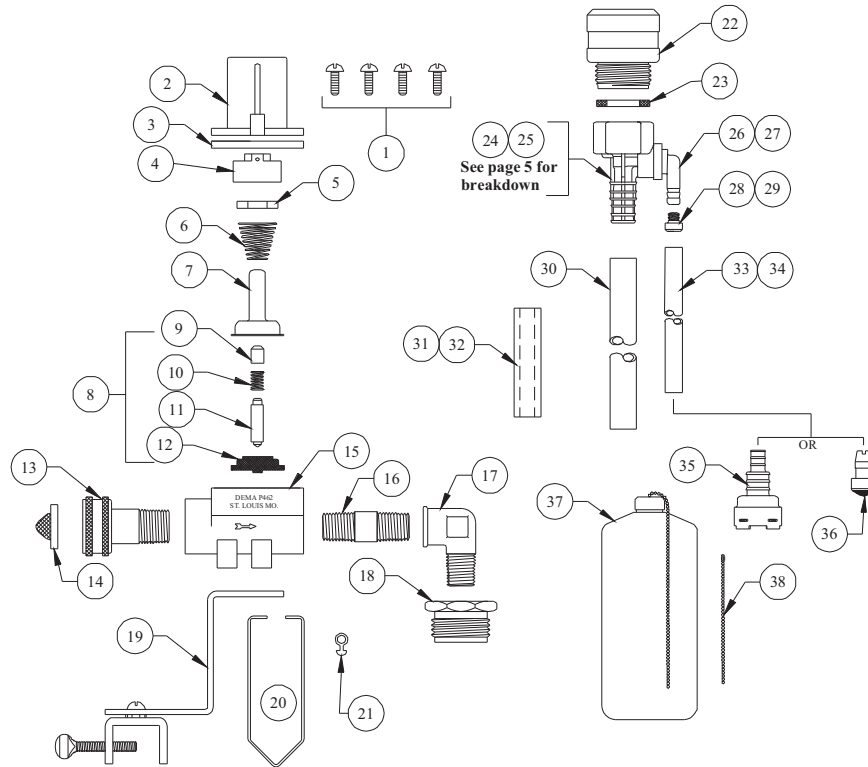
NO.	PART NO.	DESCRIPTION
16	66-9	O-Ring
17	36-4	Closing Spring
18	36-23	Diaphragm Assembly
19	34-17	16" Chain W/Connector
20	35-12	Float Hanger Clip
21	35-18	Float Assembly
22	35-42	Float Hanger Wire
23		3/8" X 1/4" Compression Fitting
24		1/8" X 1/4" Compression Fitting
25		Hex Nut
26		3/4" X 1" Barb
27		Bracket
28		LDPE Tube
29		Hose, Braided (Shown on Pg.3)

MODEL SERIES: 440



DEMA FLOAT VALVE WITH PROPORTIONER

MODELS: 440-22BT, 440-22T, 440-22T-1, 440-22T-2

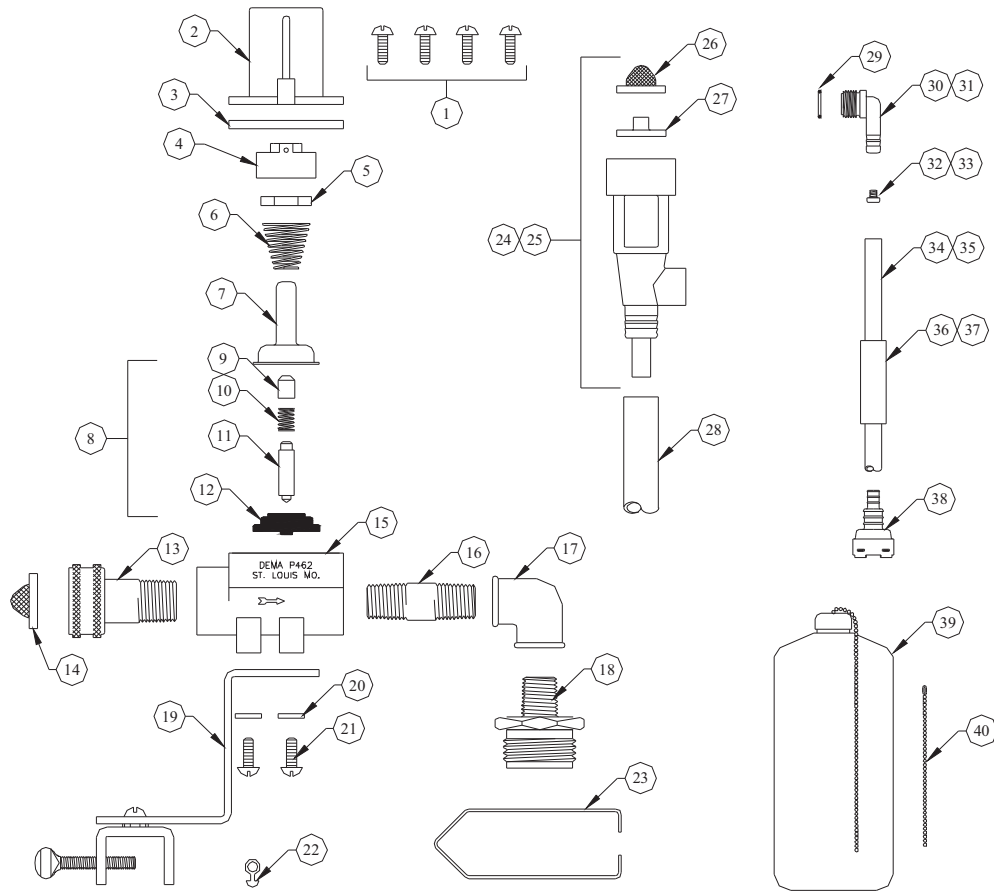


NO.	PART NO.	DESCRIPTION
1	44-116-1	Screws
2	35-44	Magnet Housing
3	35-37	Flange
4	35-43	Magnet Holder
5	63-35	Magnet
6	35-33	Spring
7	41-7-25	Enclosing Tube
8	63-87	Valve Repair Kit
9	63-37	Spacer
10	41-1-8	Spring
11	63-38	Plunger
12	41-15-5	Diaphragm
13	63-120	Inlet Hose Adapter
14	100-38	Inlet Washer Screen
15	35-36	Valve Body
16	25-78	Pipe Nipple 1/4" Plated
17	61-121-2	Elbow 1/4" Brass
18	61-122-2	Adapter (MGHT x 1/4" FNPT)
19	35-34	Mounting Bracket Assembly
20	35-42	Float Hanger Wire
21	35-12	Float Hanger Clip
22	34-22-4	Backflow Preventer

NO.	PART NO.	DESCRIPTION
23	100-3	Rubber Washer
24	61-22-3	4 GPM (3/8" Barb) Proportioner
25	61-22-2	4 GPM (3/8" Barb) Proportioner
26	63-79	Inlet Barb (1/4" Barb)
27	63-80	Inlet Barb (3/8" Barb)
28	100-15K	Metering Tip Kit (440-22BT)
29	61-9K	Metering Tip Kit (440-22T, 440-22T-1, 440-22T-2)
30	16-3	3' Discharge Tubing
31	61-107	Ceramic Weight (For 3/8" Tube)
32	61-107-2	Ceramic Weight (For 1/4" Tube)
33	100-12	8' Plastic Tubing (440-22BT) (7/32" ID)
34	100-12L	8' Plastic Tubing (440-22T, 440-22T-1, 440-22T-2) (3/8" ID)
*35	100-16E-	Foot Valve (For 440-22BT, 440-22T-2)
36	36-22E	Foot Valve (For 440-22T, 440-22T-1)
37	35-18	Float Assembly
38	34-17	16" Chain w/Connector

*Foot Valve also available with silicone (100-16S) or Viton (100-16V) rubber seals. Please specify material when ordering.

DEMA 440-23BAG and 440-23AG FLOAT VALVE WITH PROPORTIONER



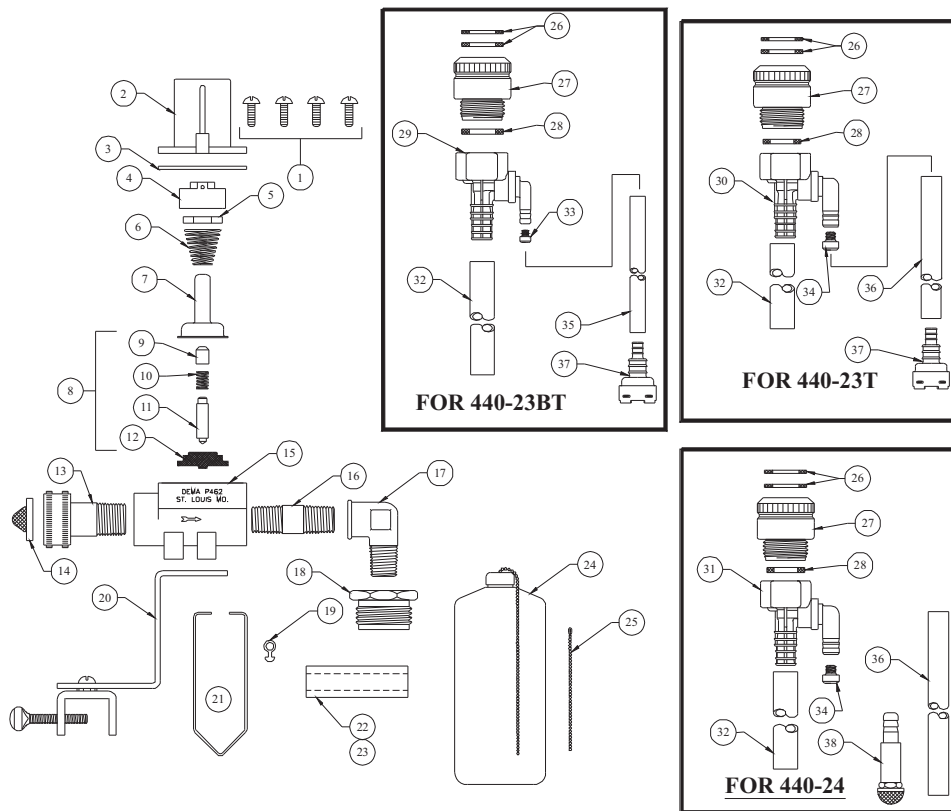
NO.	PART NO.	DESCRIPTION
1	44-116-1	Screws
2	35-44	Magnet Housing
3	35-37	Flange
4	35-43	Magnet Holder
5	63-35	Magnet
6	35-33	Spring
7	41-7-25	Enclosing Tube
8	63-87	Valve Repair Kit
9	63-37	Spacer
10	41-1-8	Spring
11	63-38	Plunger
12	41-15-10	Diaphragm
13	63-120	Inlet Hose Adapter
14	100-38	Inlet Washer Screen
15	35-36	Valve Body
16	25-78	Pipe Nipple 1/4" x 2" Plated
17	61-121-2	Elbow 1/4" Brass
18	61-122-2	Adapter (MGHT x 1/4" FNPT)
19	35-34	Mounting Bracket Assembly
20	41-62-3	Washer
21	41-62-2	Screw (4 Req'd)

NO.	PART NO.	DESCRIPTION
22	35-12	Float Hanger Clip
23	35-42	Float Hanger Wire
24	61-22-3AG	4 GPM (3/8" Barb) Proportioner
25	61-22-3BAG	4 GPM (1/4" Barb) Proportioner
26	100-38	Strainer Washer
27	63-73	Nozzle
28	63-83	6' Discharge Tubing
29	63-78	O-Ring
30	63-79	Inlet Barb (1/4" Barb)
31	63-80	Inlet Barb (3/8" Barb)
32	61-9K	Metering Tip Kit (440-23AG)
33	100-15K	Metering Tip Kit (440-23BAG)
34	100-12	8' Plastic Tubing (3/16" OD)
35	100-12L	8' Plastic Tubing (1/2" OD)
36	61-107	Ceramic Weight (For 3/8" Tube)
37	61-107-2	Ceramic Weight (For 1/4" Tube)
*38	100-16E	Foot Valve
39	35-18	Float Assembly
40	34-17	16" Chain w/Connector

*Foot Valve also available with silicone (100-16S) or Viton (100-16V) rubber seals. Please specify material when ordering.

DEMA FLOAT VALVE WITH PROPORTIONER

MODELS: 440-23T, 440-23BT, 440-24

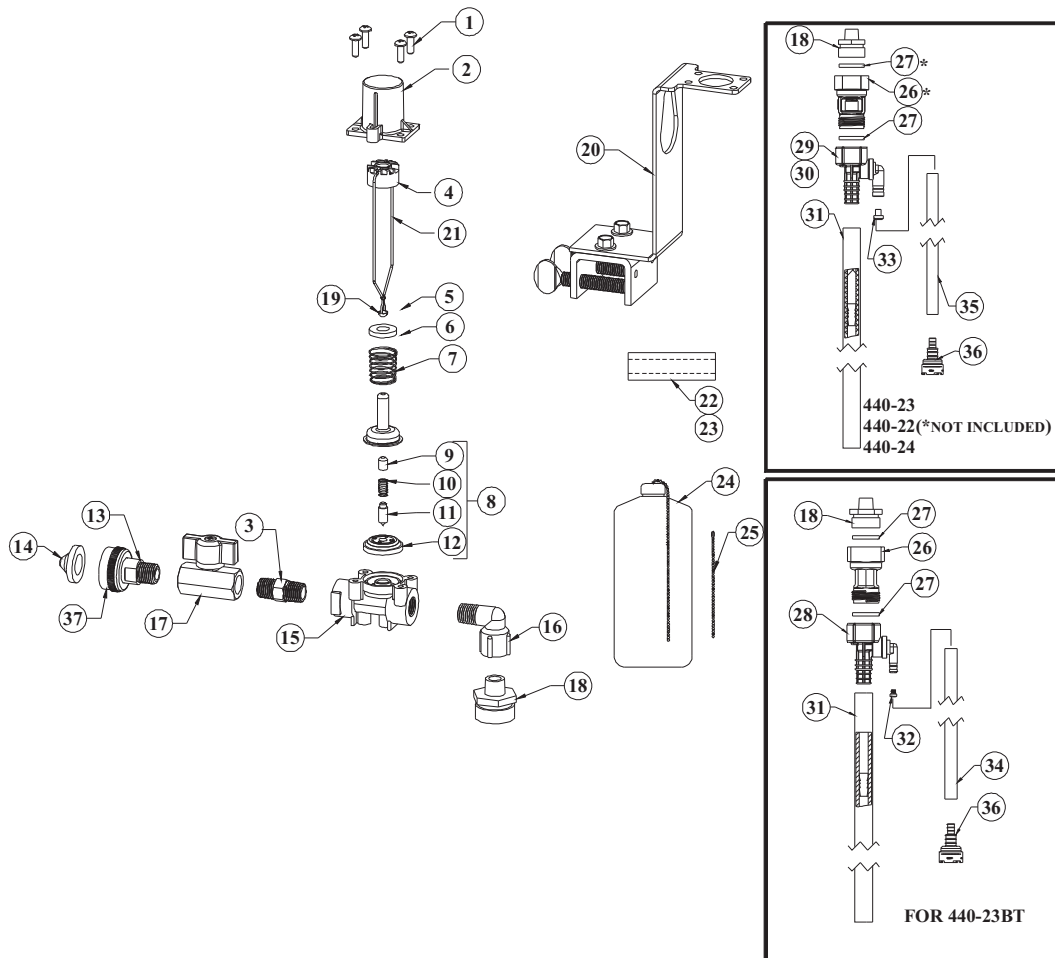


NO.	PART NO.	DESCRIPTION
1	44-116-1	Screws
2	35-44	Magnet Housing
3	35-37	Flange
4	35-43	Magnet Holder
5	63-35	Magnet
6	35-33	Spring
7	41-7-25	Enclosing Tube
8	63-87	Valve Repair Kit
9	63-37	Spacer
10	41-1-8	Spring
11	63-38	Plunger
12	41-15-10	Diaphragm
13	61-120	Inlet Hose Adapter
14	100-38	Inlet Washer Screen
15	35-36	Valve Body
16	25-78	Pipe Nipple 1/4" x 2" plated
17	61-121-2	Elbow Brass
18	61-122-2	Adapter (MGHT x 1/4" FNPT)
19	35-12	Float Hanger Clip
20	35-34	Mounting Bracket Assembly
21	35-42	Float Hanger Wire

NO.	PART NO.	DESCRIPTION
22	61-107-5	Ceramic Weight (For 3/8" Tube)
23	61-107-4	Ceramic Weight (For 1/4" Tube)
24	35-18	Float Assembly
25	34-17	16" Chain w/Connector
26	100-3	Rubber Washer
27	16-30	Action Gap Backflow Preventer
28	100-3	Rubber Washer
29	61-22-3	4 GPM (1/4" Barb) White Proportioner (440-23BT)
30	61-22-2	4 GPM (3/8" Barb) White Proportioner (440-23T)
31	163CH	4 GPM (3/8" Barb) Blue Proportioner (440-24)
32	16-3	3' Discharge Tubing
33	100-15	Metering Tip (Specify Color)
34	61-9	Metering Tip (Specify Color)
35	100-12	8' Plastic Tubing (7/32" ID)
36	100-12L	8' Plastic Tubing (3/8" ID)
*37	100-16E-	Foot Valve
38	903	Foot Valve

*Foot Valve also available with silicone (100-16S) or Viton (100-16V) rubber seals. Please specify material when ordering.

WATCH GUARD
440 SERIES FLOAT VALVES
MODELS: 440-22T, 440-22TX, 440-23T, 440-23BT, 440-24

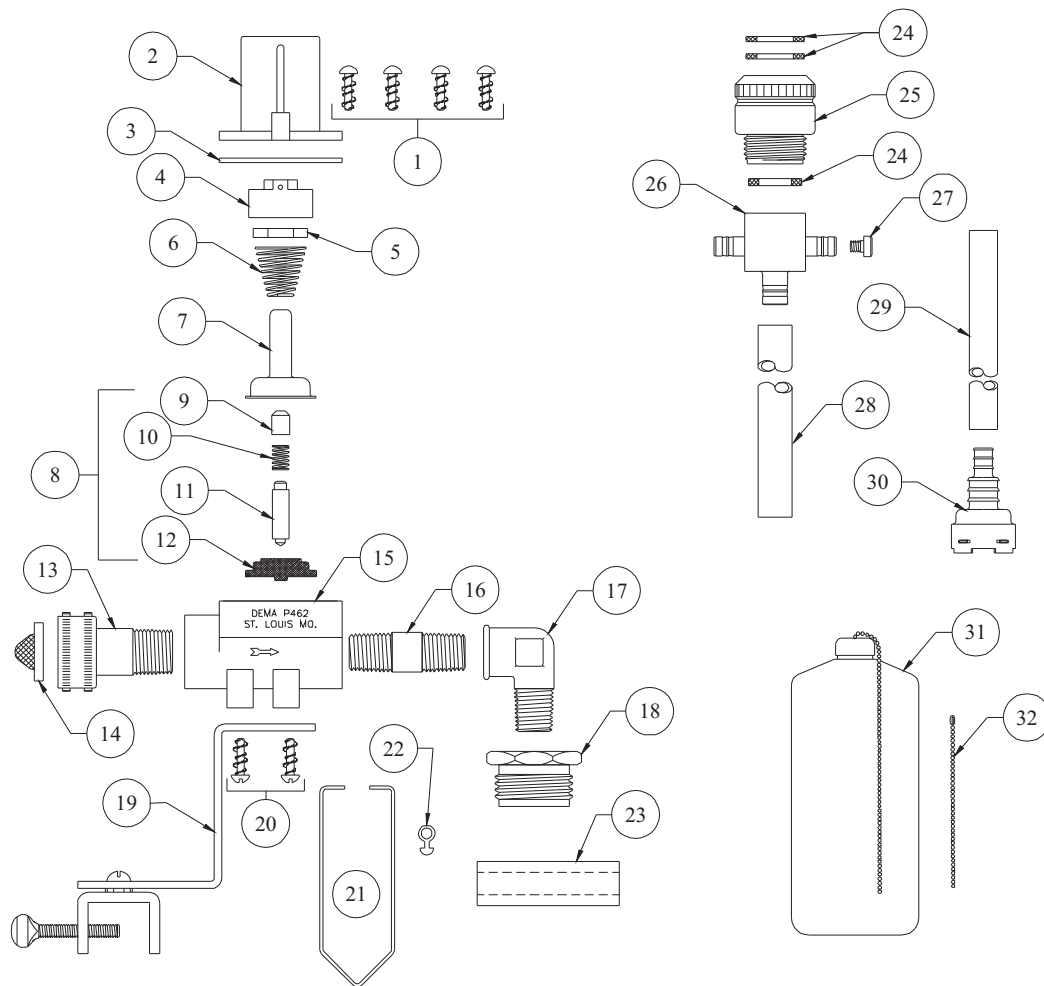


NO.	PART NO.	DESCRIPTION
1	44-116-1	Screws
2	35-44	Magnet Housing
3		1/4" Hex Nipple
4	35-43	Magnet Holder
5	63-35	Magnet
6	35-33	Spring
7	41-7-25	Enclosing Tube
8	63-87	Valve Repair Kit
9	63-37	Spacer
10	41-1-8	Spring
11	63-38	Plunger
12	41-15-10	Diaphragm
13	61-120	Inlet Hose Adapter
14	100-38	Inlet Washer Screen
15	35-36	Valve Body
16	50-63	Street Elbow, Polypropylene
17	16-11	Ball Valve
18	61-122-2	Adapter (MGHT x 1/4" MNPT)
19	35-12	Float Hanger Clip

NO.	PART NO.	DESCRIPTION
20		Mounting Bracket Assembly
21	35-42	Float Hanger Wire
22	61-107-5	Ceramic Weight (For 3/8" Tube)
23	61-107-4	Ceramic Weight (For 1/4" Tube)
24	35-18	Float Assembly
25	34-17	16" Chain w/Connector (Optional)
26	16-30	Action Gap Backflow Preventer
27	150-6	Rubber Washer
28	61-22-3	4 GPM (1/4" Barb) White Proportioner
29	61-22-2	4 GPM (3/8" Barb) White Proportioner
30	61-97	2.5 GPM (3/8" Barb) Blue Proportioner (440-24 Models)
31	16-3-24-1	2' Discharge Tubing & Primer
32	100-15	Metering Tip (Specify Color)
33	61-9	Metering Tip (Specify Color)
34	100-12	8' Plastic Tubing (7/32" ID)
35	100-12L	8' Plastic Tubing (3/8" ID)
*36	100-16V	Foot Valve
37		Swivel

DEMA FLOAT VALVE WITH PROPORTIONER

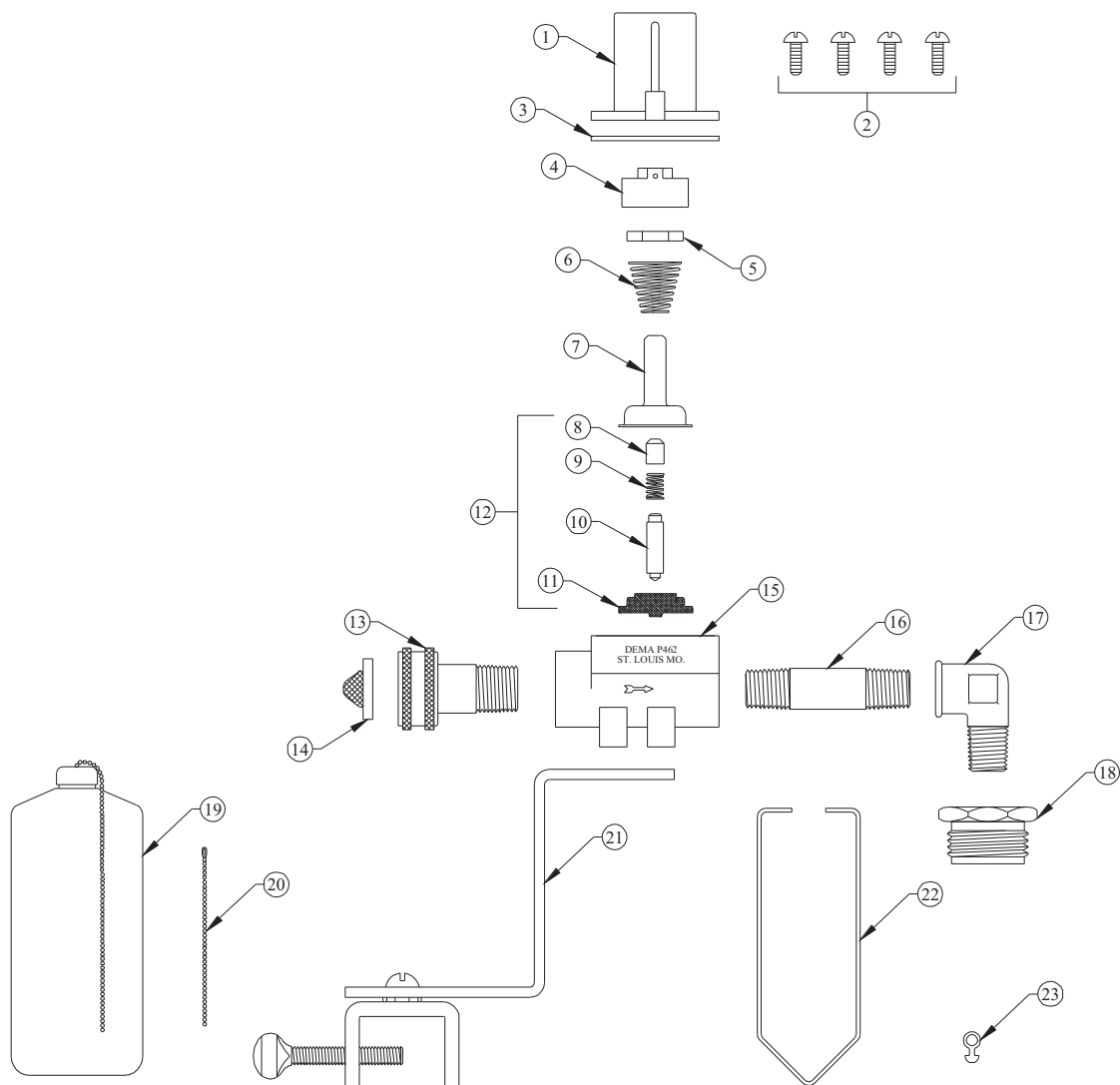
MODELS: 440-23TDF



NO.	PART NO.	DESCRIPTION
1.	44-116-1	#8-18 X .38" Lg. Screw (4 Req'd)
2.	35-44	Magnet Housing
3.	35-37	Flange
4.	35-43	Magnet Holder
5.	63-35	Magnet
6.	35-33	Spring
7.	41-7-25	Enclosing Tube
8.	63-87	Valve Repair Kit
9.	63-37	Spacer
10.	41-1-8	Spring
11.	63-38	Plunger
12.	41-15-5	Diaphragm
13.	61-20	Inlet Hose Adapter
14.	100-38	Inlet Washer Screen
15.	35-36	Valve Body
16.	25-78	Pipe Nipple 1/4" x 2" Plated

17.	61-121	Street Elbow 1/4" Plated
18.	61-122	Adapter (MGHT x 1/4" FNPT)
19.	35-34	Mounting Bracket Assembly
20.	41-62-3	#8-18 X .38 Hi-Lo Screws (2 Req'd)
21.	35-42	Float Hanger Wire
22.	35-12	Float Hanger Clip
23.	61-107	Ceramic Weight (For 3/8" I.D. Tubing)
24.	100-3	Rubber Washer
25.	34-22	Backflow Preventer
26.	163-2DF	Proportioner
27.	61-9	Metering Tip (Specify No. or Color)
28.	16-3	3 Ft. Discharge Tubing
29.	100-12L	8' Plastic Tubing (1/2" O.D.)
30.	100-16E-4	Foot Valve
31.	35-18	Float Assembly
32.	34-17	16" Chain W/ Connector

DEMA FLOAT VALVE MODEL 440N

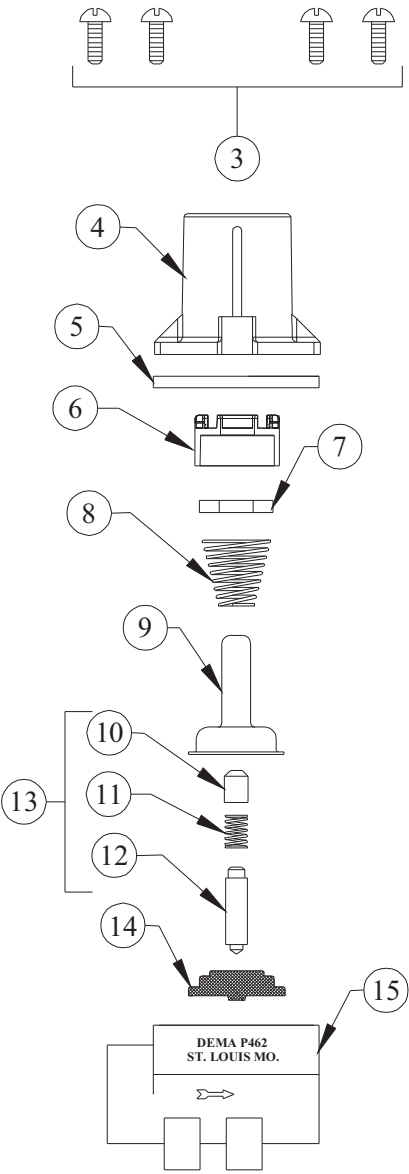
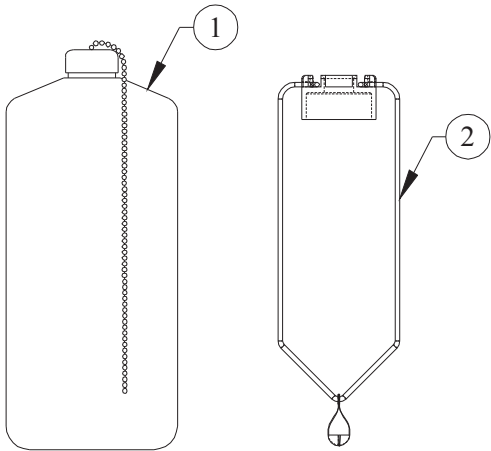


NO.	PART NO.	DESCRIPTION
1	35-44	Magnet Housing
2	44-116-1	Screws
3	35-37	Flange
4	35-43	Magnet Holder
5	63-35	Magnet
6	35-33	Spring
7	41-7-25	Enclosing Tube
8	63-37	Spacer
9	41-1-8	Spring
10	63-38	Plunger
11	41-15-10	Diaphragm
12	63-87	Valve Repair Kit

NO.	PART NO.	DESCRIPTION
13	61-120	Inlet Hose Adapter
14	100-38	Inlet Strainer
15	35-36	Valve Body
16	25-78	Pipe Nipple 1/4" x 2" Plated
17	61-121	Street Elbow 1/4" Plated
18	61-122	Adapter (MGHT x 1/4" FNPT)
19	35-18	Float Assembly
20	34-17	16" Chain W/Connector
21	35-34	Mounting Bracket Assembly
22	35-42	Float Hanger Wire
23	35-12	Float Hanger Clip

DEMA FLOAT VALVE

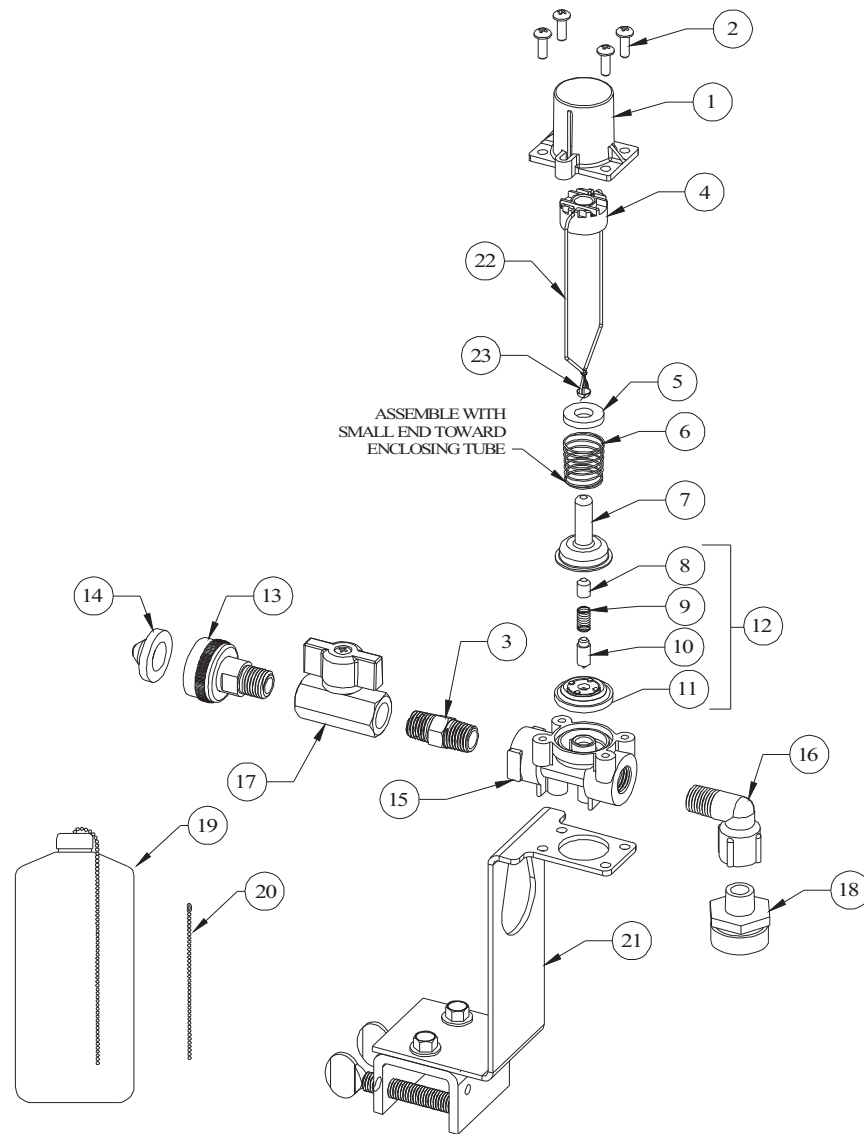
MODEL 440N-NT



NO.	PART NO.	DESCRIPTION
1	35-18	Float Assembly
2	35-45	Float Wire Assembly
3	44-116-1	Screws
4	35-44	Magnet Housing
5	35-37	Flange
6	35-43	Magnet Holder
7	63-35	Magnet
8	35-33	Spring

NO.	PART NO.	DESCRIPTION
9	41-7-25	Enclosing Tube
10	63-37	Spacer
11	41-1-8	Spring
12	63-38	Plunger
13	63-87	Valve Repair Kit
14	41-15-10	Diaphragm
15	35-36	Valve Body

WATCH GUARD MODEL 440N

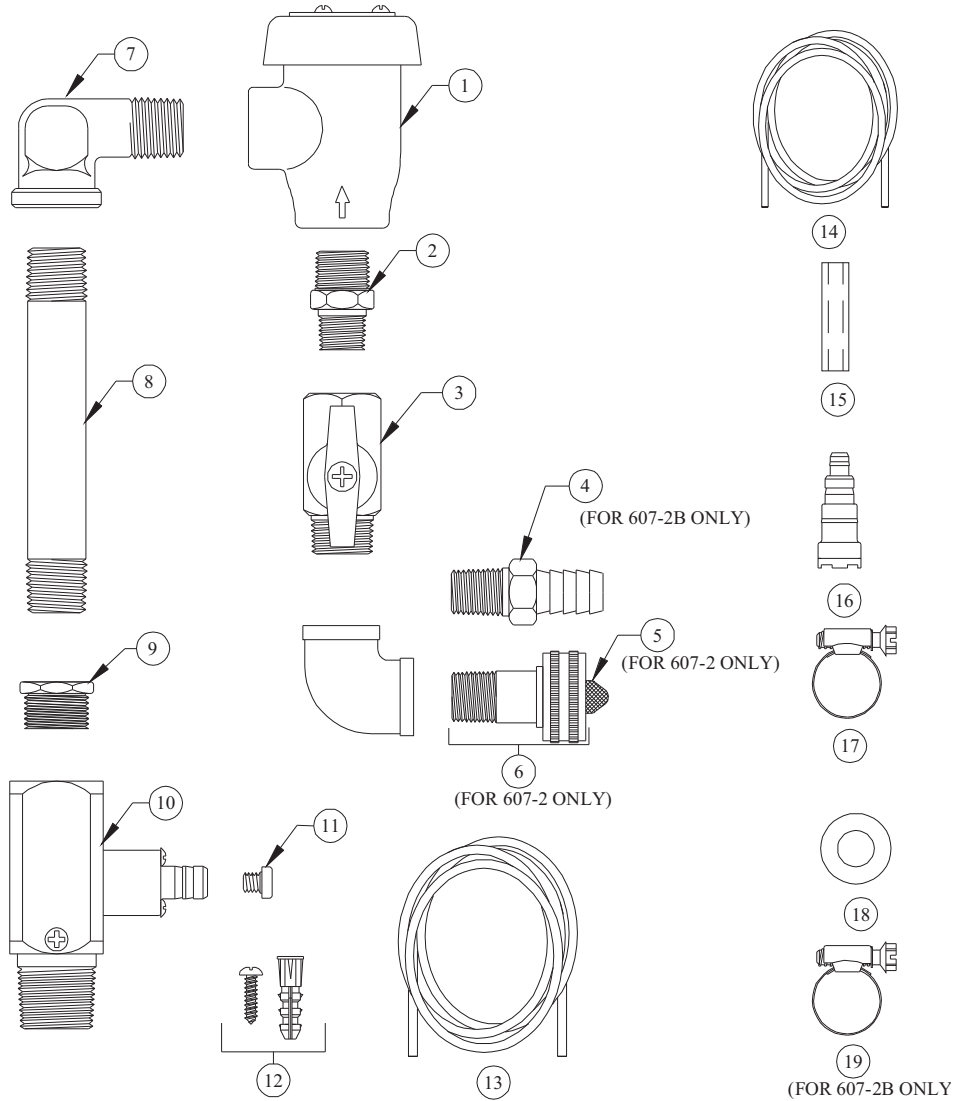


NO.	PART NO.	DESCRIPTION
1	35-44	Magnet Housing
2	44-116-1	Screws
3	--	¼" Hex Nipple
4	35-43	Magnet Holder
5	63-35	Magnet
6	35-33	Spring
7	41-7-25	Enclosing Tube
8	63-37	Spacer
9	41-1-8	Spring
10	63-38	Plunger
11	41-15-10	Diaphragm
12	63-87	Valve Repair Kit

NO.	PART NO.	DESCRIPTION
13	61-120	Inlet Hose Adapter
14	100-38	Inlet Strainer
15	35-36	Valve Body
16	50-63	Street Elbow
17	16-11	Ball Valve
18	61-122-2	Adapter (MGHT x ¼" MNPT)
19	35-18	Float Assembly
20	34-17	16" Chain W/Connector
21	35-34	Mounting Bracket Assembly
22	35-42	Float Hanger Wire
23	35-12	Float Hanger Clip

DEMA MODEL 607-2 & 607-2B

HI-FLOW FILL STATION

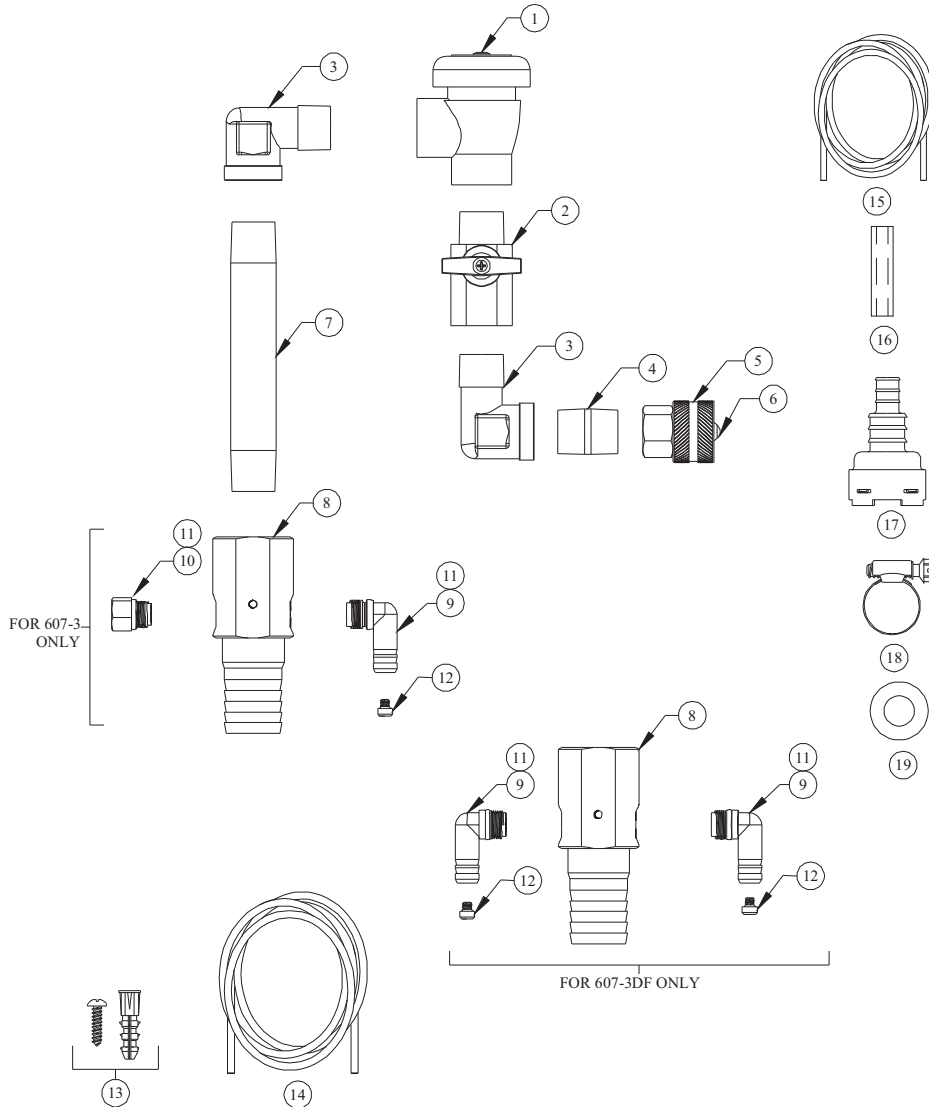


NO.	PART NO.	DESCRIPTION
1	60-9	Siphon Breaker (1/2" NPT)
2	90-71-10	Reducing Nipple (3/8" NPT X 1/2" Barb)
3	65-2	Ball Valve (3/8" NPT)
4	90-70-19U	Hose Barb (3/8" X 1/2" Barb)
5	100-38	Strainer Washer (For 607-2 only)
6	93-44	Swivel Adapter Assy (For 607-2 only)
7	90-7	Street Elbow (1/2" NPT)
8	90-73-9	Pipe Nipple (1/2" NPT X 5" Lg.)
9	73-3	Bushing (3/4" MPT X 1/2" FPT)
10	90-72-1	Injector Assembly

NO.	PART NO.	DESCRIPTION
11	61-9-	Metering Tip (Specify Size)
12	66-54	Mounting Screw & Anchor Kit (4 EA)
13	60-47-2	Outlet Tubing (1" ID X 12 Ft. Long)
14	100-12L	Vinyl Tubing (3/8" ID X 8' Long)
15	61-107	Ceramic Weight (1/2" ID)
16	100-58P	Foot Strainer
17	76-2-13	Outlet Tubing Worm Clamp
18	60-49	Priming Ring
19	76-2-1	Worm Clamp (For 607-2B Only)

DEMA MODEL 607-3, 607-3DF & 607-3SS

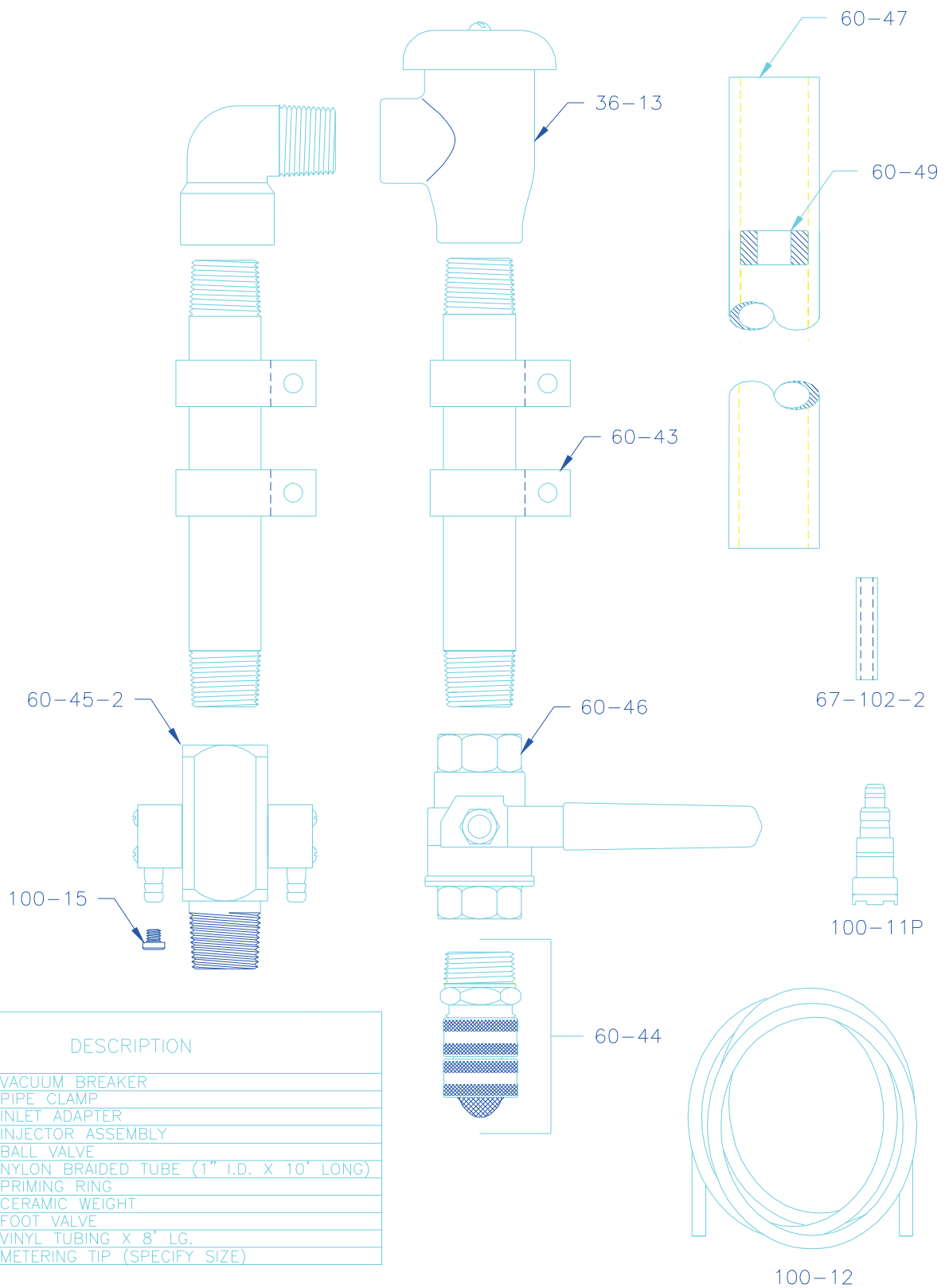
HI-FLOW FILL STATION



NO.	PART NO.	DESCRIPTION
1	60-9	Siphon Breaker (1/2" NPT)
2	95-4-1	Ball Valve (1/2" NPT MXF)
3	90-7	Street Elbow (Plated) 1/2" NPT
4	90-73-1	Pipe Nipple (Plated) 1/2" NPT X 1-1/8" Lg.
5	93-104-2	Hose Swivel Coupling (Plated) 3/4" FGHT X 1/2" FPT
6	100-38	Strainer Washer
7	90-73-9	Pipe Nipple (Plated) 1/2" NPT X 5" Lg.
8	61-8-1	Proportioner Body
9	63-80	Inlet Barb, 3/8" (with O-Ring)
10	65-5-1	Plug

NO.	PART NO.	DESCRIPTION
11	63-78	O-Ring, EPDM (O-Ring only)
12	61-9-	Metering Tip (Specify Color)
13	66-54	Mounting Screw & Anchor Kit (4 EA)
14	60-47	Outlet Tubing (1" ID X 10 Ft. Long)
15	100-12L	Vinyl Tubing (3/8" ID X 8' Long)
16	61-107	Ceramic Weight (for 3/8" ID 1/2" OD tubing)
17	100-16E	Foot Valve
18	76-2-13	Outlet Tubing Worm Clamp
19	60-49	Priming Ring

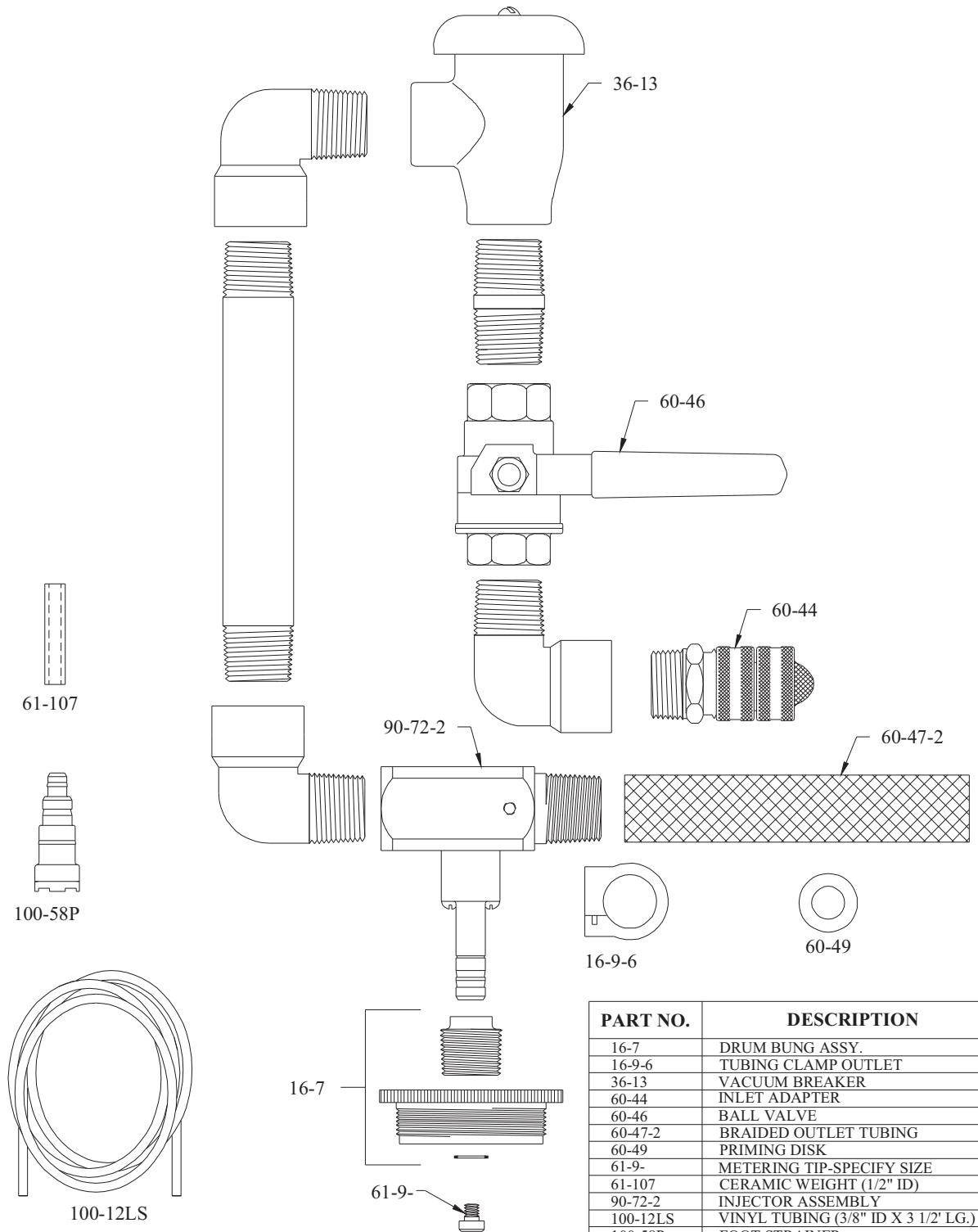
607BDF HI-FLOW FILL STATION



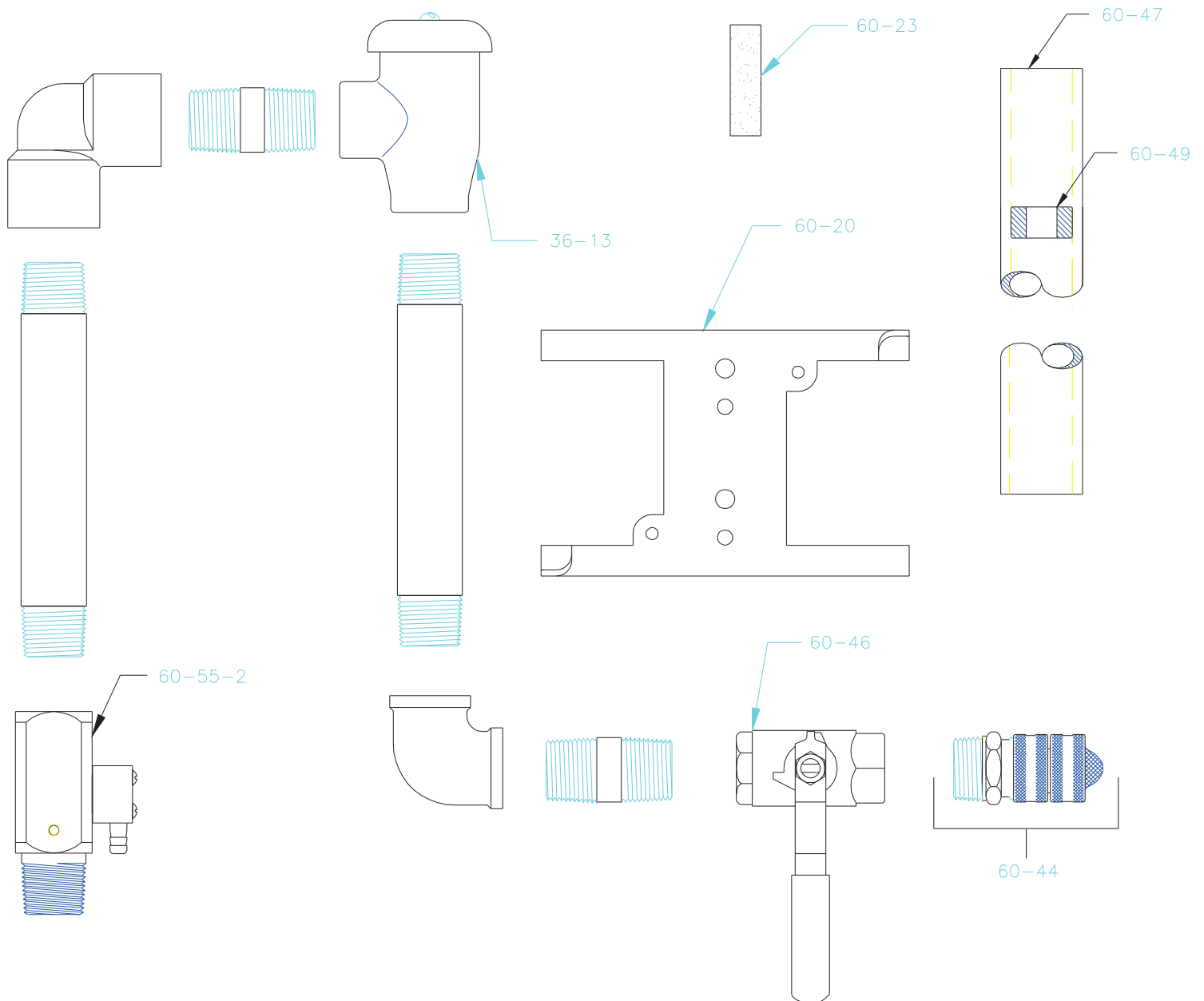
PART NO.	DESCRIPTION
36-13	VACUUM BREAKER
60-43	PIPE CLAMP
60-44	INLET ADAPTER
60-45-2	INJECTOR ASSEMBLY
60-46	BALL VALVE
60-47	NYLON BRAIDED TUBE (1" I.D. X 10' LONG)
60-49	PRIMING RING
61-107-2	CERAMIC WEIGHT
100-11P	FOOT VALVE
100-12	VINYL TUBING X 8' LG.
100-15	METERING TIP (SPECIFY SIZE)

DEMA MODEL 607DM-BM

DRUM MOUNT HIGH-FLOW FILL STATION

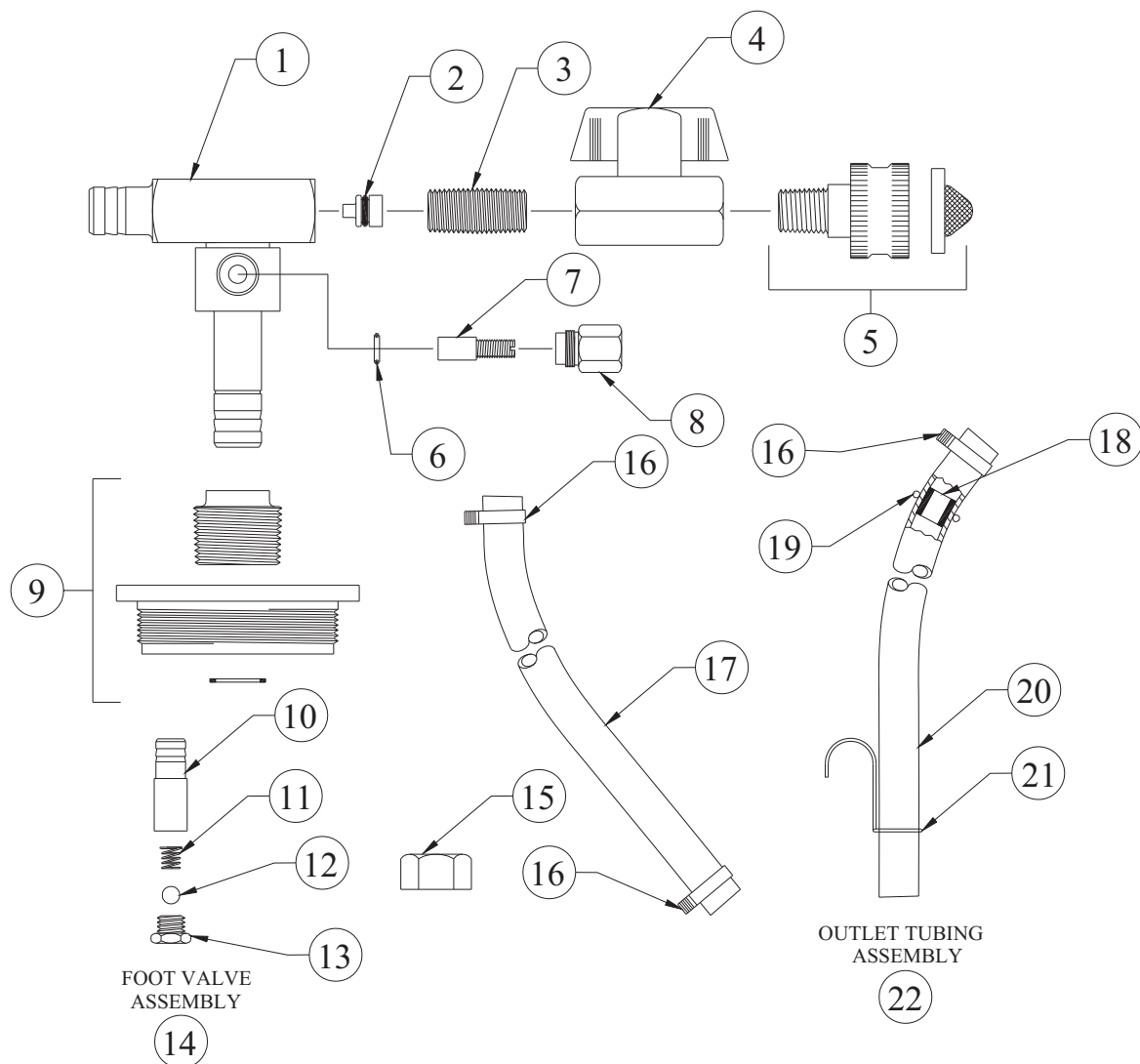


607T-MC HI-FLOW FILL STATION



PART NO.	DESCRIPTION
36-13	VACUUM BREAKER
60-20	BRACKET (REQUIRES 2)
60-23	FOAM PAD (REQUIRES 2)
60-44	INLET ADAPTER
60-45-2	INJECTOR ASSEMBLY
60-46	BALL VALVE
60-47	NYLON BRAIDED TUBE (1" I.D. X 10' LONG)
60-49	PRIMING RING

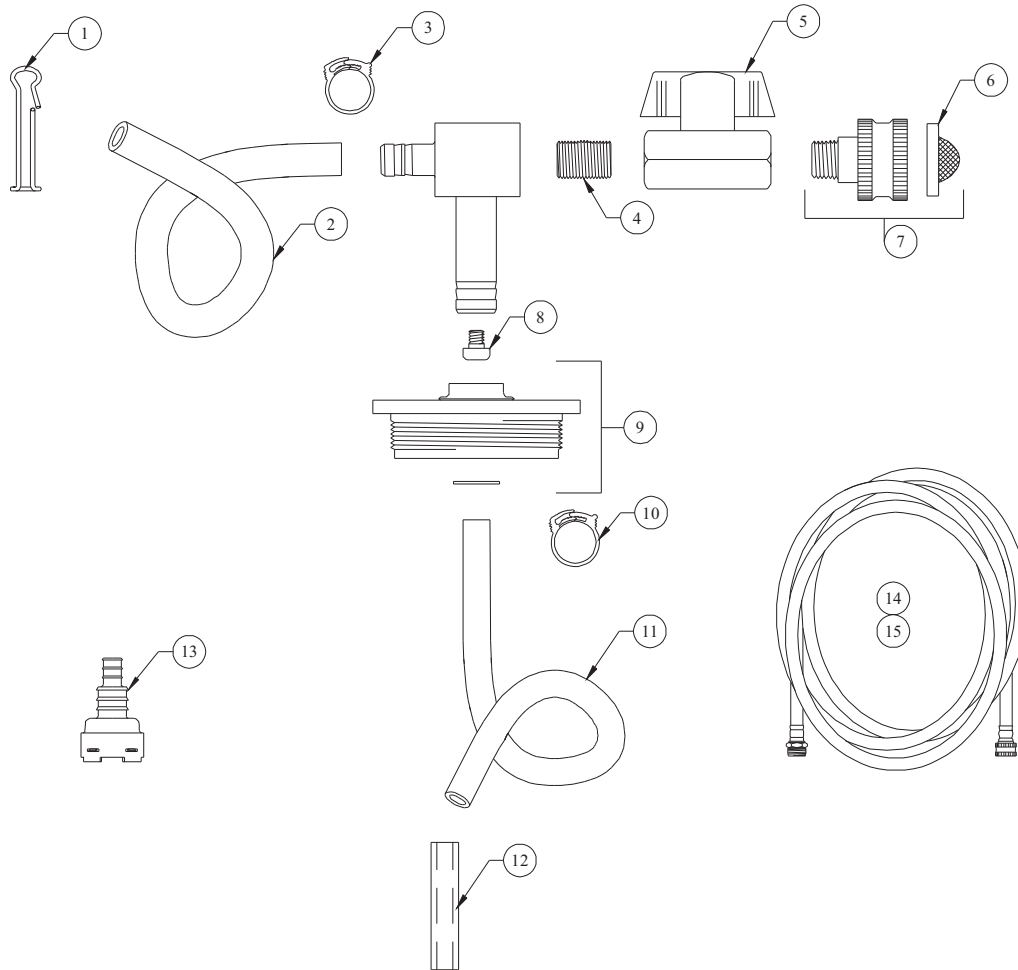
DEMA 161 FLUID MIXER



NO.	QTY.	PART NO.	DESCRIPTION
1	1	72-4	Injector Body Assy.
2	1	72-5	Water Nozzle & O-Ring
3	1	72-9	1/4" NPT Close Nipple
4	1	16-11	Ball Valve
5	1	16-1	Coupling & Strainer Washer
6	1	26-17	O-Ring
7	1	24-39	By-Pass Screw
8	1	24-40	By-Pass Retainer
9	1	16-7-2	2" Bung Cap w/Collar & Retaining Ring
10	1	72-2	Foot Valve Body
11	1	100-49	Spring

NO.	QTY.	PART NO.	DESCRIPTION
12	1	93-10	Rubber Ball (Buna-N)
13	1	73-2	Foot Valve Seat
14	1	72-1	Foot Valve Assembly
15	1	72-15	Nut (Tubing Weight)
16	3	16-9	Hose Clamp
17	1	72-11	Suction Tubing
18	1	72-7	Priming Ring
19	1	72-8	Retaining Spring
20	1	16-3	Outlet Tubing
21	1	16-4	Outlet Tubing Hanger
22	1	X23932-1	Outlet Tubing Assembly

DRUM MOUNTED PROPORTIONER DEMA MODEL 162-3



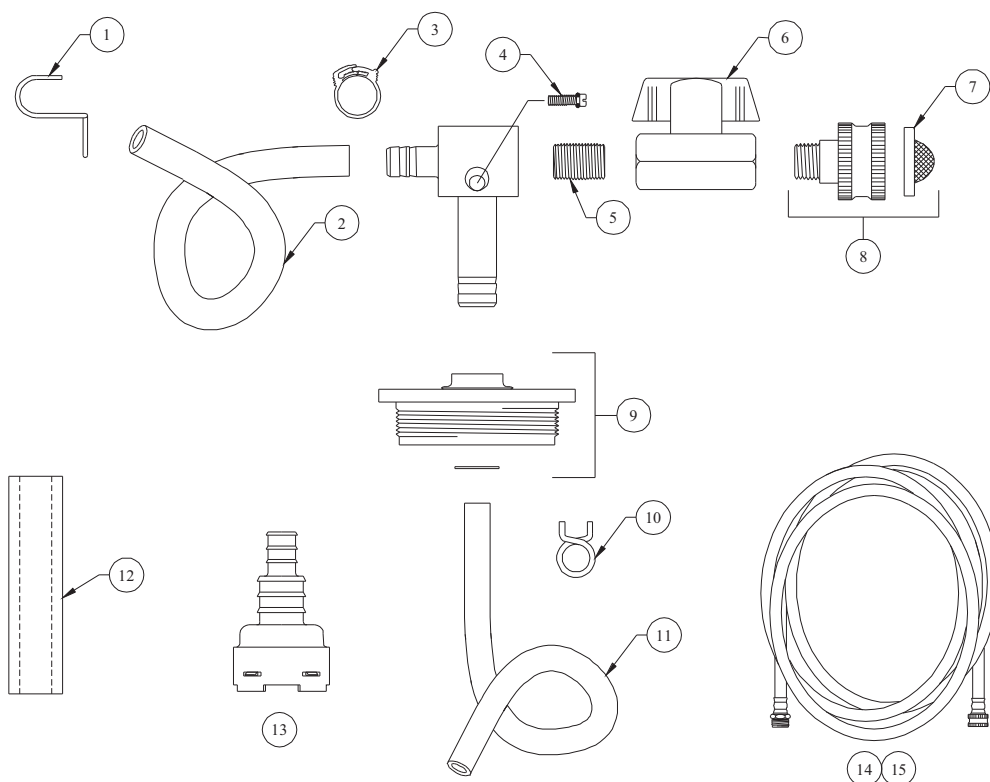
NO.	PART NO.	DESCRIPTION
1	16-4-3	Outlet Tubing Hanger
2	16-3	Outlet Tubing, 11/16" OD x 3' Lg.
3	16-9	Tubing Clamp – Plastic (1/2" ID Tubing)
4	16-8	1/4" NPT Pipe Nipple
5	16-11	1/4" NPT Ball Valve
6	100-38	Strainer Washer
7	16-1	Coupling & Strainer Washer
8	61-9K	Metering Tip Kit

NO.	PART NO.	DESCRIPTION
9	16-7	Bung Top & Retainer Ring
10	16-9-2	Tubing Clamp – Plastic (3/8" ID Tubing)
11	100-12LS	Supply Tubing – 3/8" ID x 3 1/2' Lg.
12	61-107	Ceramic Weight for 3/8" ID Tubing
13	100-16E	Diaphragm Foot Valve - EPDM

ACCESSORIES

NO.	PART NO.	DESCRIPTION
14	44-3	Rubber Hose – 1/2" ID x 25'
15	44-3-6	Rubber Hose – 1/2" ID x 6'

DEMA MODEL 162 DRUM MOUNTED PROPORTIONER



NO.	PART NO.	DESCRIPTION
1	16-4	Outlet Tubing Hanger
2	16-3	Outlet Tubing, 11/16 OD x 3' Lg.
3	16-9	Tubing Clamp, Plastic
4	23-24	Metering Screw w/O-Ring
5	16-8	1/4" NPT Pipe Nipple
6	16-11	1/4" NPT Ball Valve
7	100-38	Strainer Washer
8	16-1	Coupling & Strainer Washer
9	16-7	Bung Tip & Retainer Ring
10	16-10	Tubing Clamp, Stainless Steel

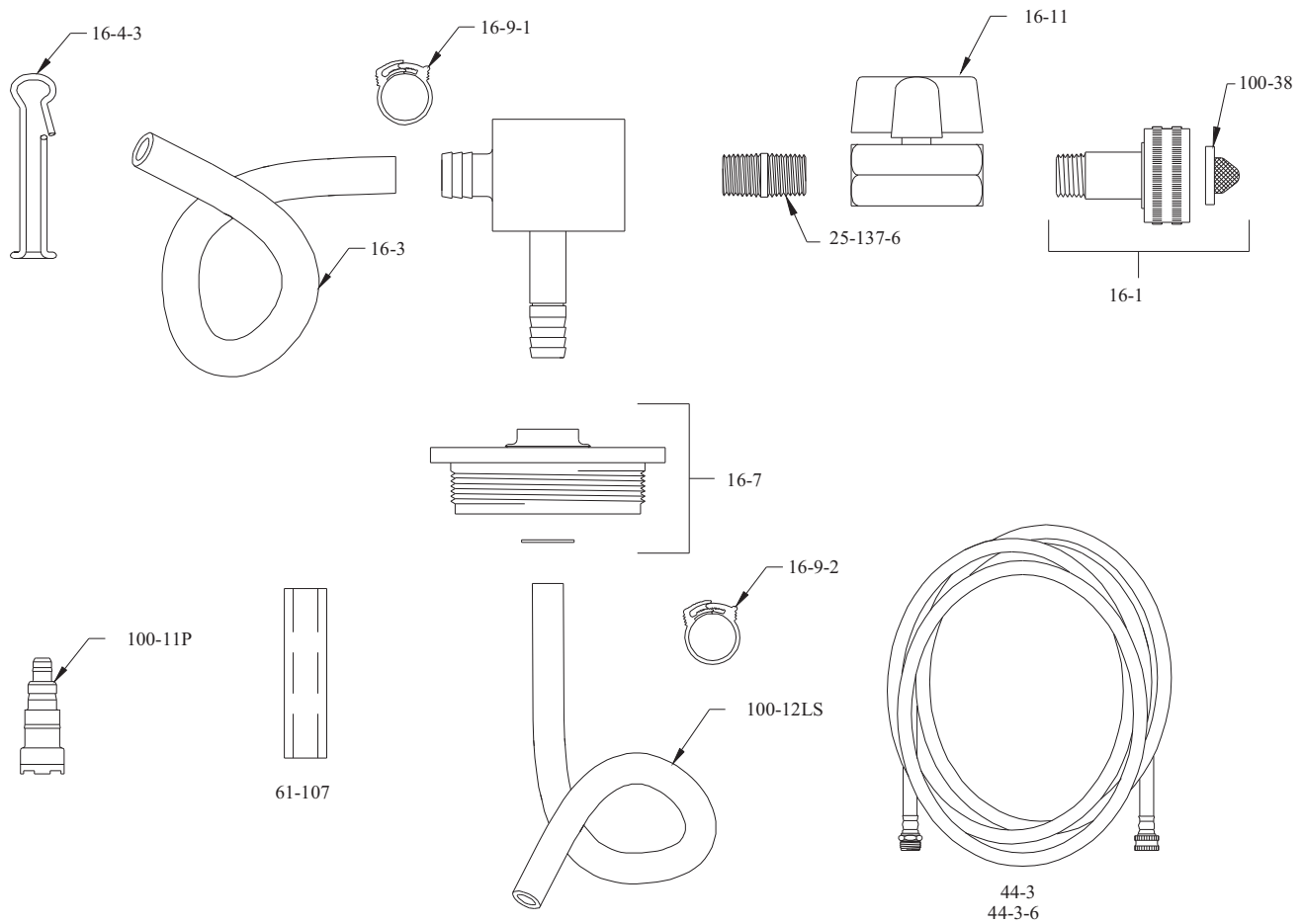
NO.	PART NO.	DESCRIPTION
11	100-12LS	Supply Tubing, 1/2" OD x 3-1/2' Lg.
12	61-107	Ceramic Weight, 1/2"OD Tubing
13	100-16E-1	Foot Valve

ACCESSORIES

NO.	PART NO.	DESCRIPTION
14	44-3	Outside Chicago Thread Adapter
15	44-3-6	Inside Aerator Thread Adapter

DEMA MODEL 162HC

DRUM MOUNT PROPORTIONER



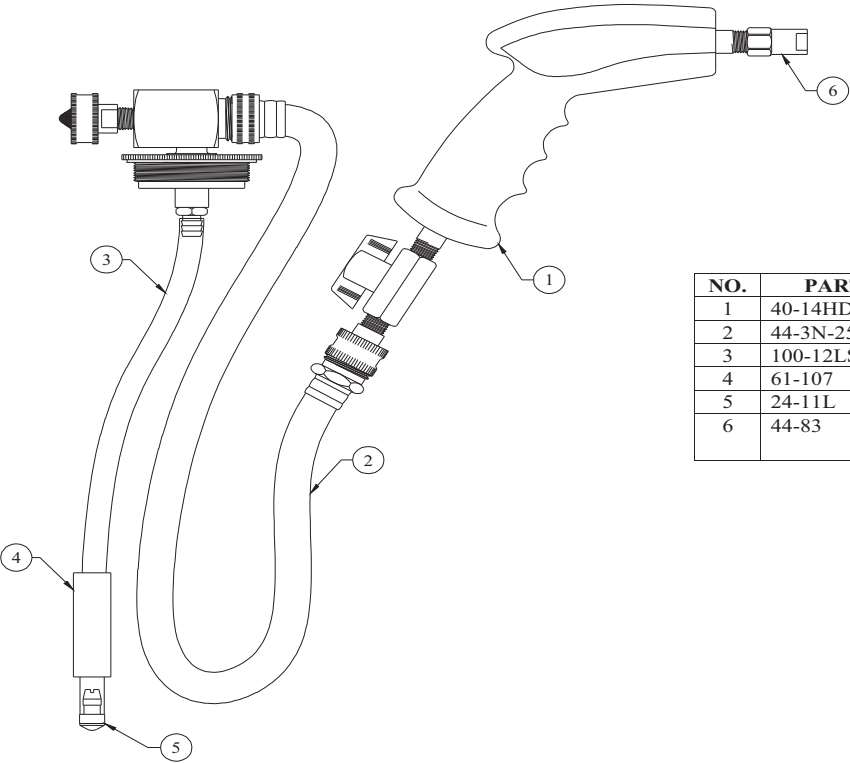
PART NO.	DESCRIPTION
16-1	COUPLING & STRAINER WASHER
16-3	OUTLET TUBING, 1 1/16 O.D. X 3' LG
16-4-3	OUTLET TUBING HANGER
16-7	BUNG TOP & RETAINER RING
16-9-1	TUBING CLAMP, PLASTIC, SMALL
16-9-2	TUBING CLAMP, PLASTIC, LARGE
16-11	1/4" NPT BALL VALVE
25-137-6	1/4" NPT PIPE NIPPLE

PART NO.	DESCRIPTION
61-107	CERAMIC WEIGHT, 1/2" O.D. TUBING
100-11P	FOOT VALVE
100-12LS	SUPPLY TUBING, 1/2" O.D. X 3 1/2' LG.
100-38	STRAINER WASHER

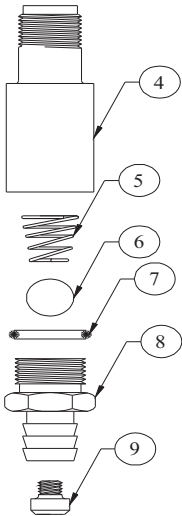
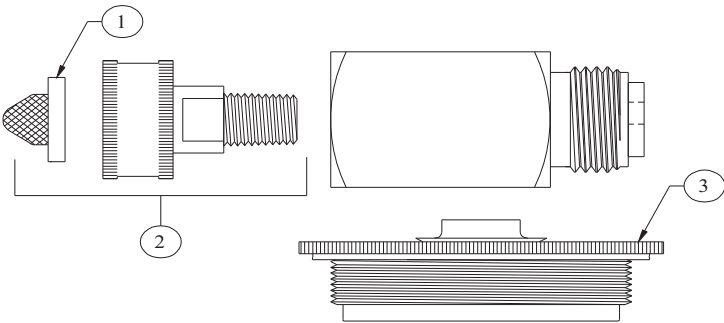
ACCESSORIES

44-3	RUBBER HOSE, 1/2" I.D. X 25 FT.
44-3-6	RUBBER HOSE, 1/2" I.D. X 6 FT.

DEMA 162HCGHT DRUM MOUNT INJECTOR



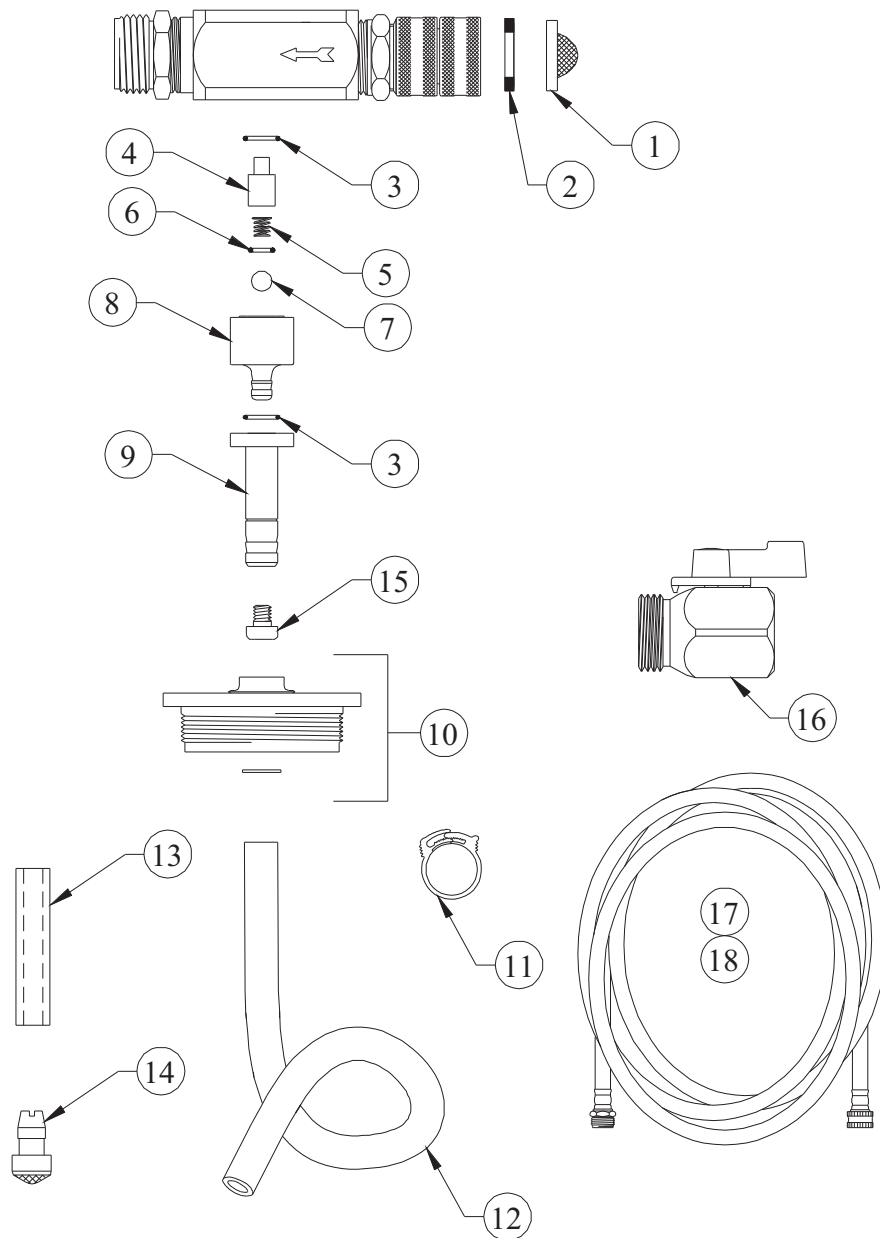
NO.	PART NO.	DESCRIPTION
1	40-14HD-15 GPM	Spray Gun Assembly W/1.5 GPM Nozzle
2	44-3N-25	Nylon Braided Garden Hose 25' Long
3	100-12LS	Vinyl Tubing (3/8" ID X 3 1/2' Lg.)
4	61-107	Ceramic Weight
5	24-11L	Strainer Washer
6	44-83	Spray Nozzle (15°V-Jet 1.5-GPM) 1/4"NPT



NO.	PART NO.	DESCRIPTION
1	100-38	Strainer Washer
2	16-1	Coupling W/Strainer Washer
3	16-7-1	Bung Cap & Collar
4	88-4-1	Check Valve Body
5	100-49	Spring
6	88-1-1	Ball (.375 Dia.) (EP)
7	63-78	O-Ring (EP)
8	88-3-1	Check Valve Seat
9	61-9K	Metering Tip Kit - 3/8"

DEMA MODEL 162HDM-2

DRUM MOUNT INJECTOR



NO.	PART NO.	DESCRIPTION
1	100-38	Strainer Washer
2	150-6	Rubber Washer
3	25-29	O-Ring
4	23-34-1	Core
5	24-23	Spring
6	24-25	O-Ring
7	24-24S	1/4" Ball
8	24-32T	Metering Knob
9	44-65	Drum Nipple Assy.
10	16-7	Bung Cap & Retainer Ring
11	16-9-2	Tubing Clamp, Plastic

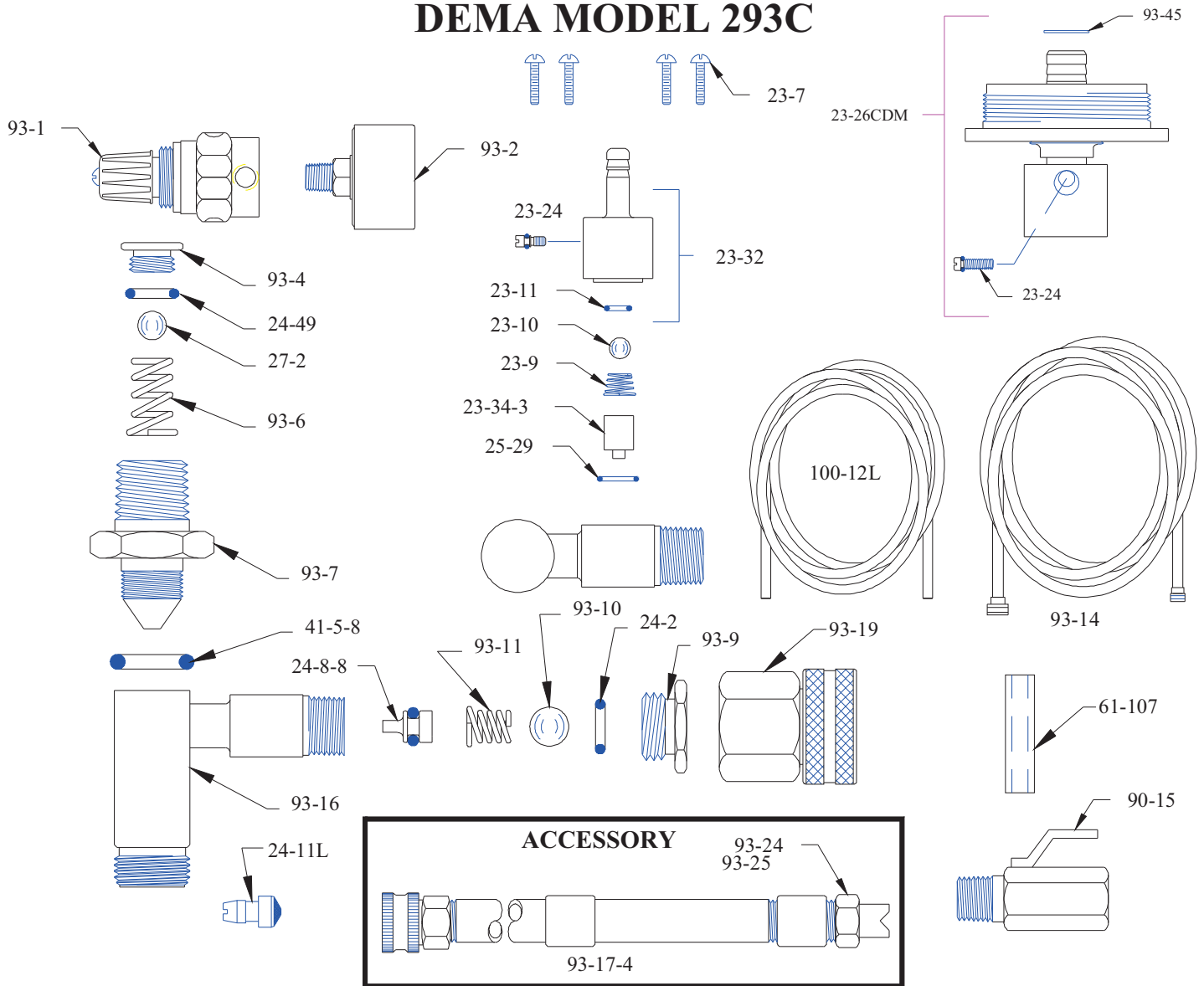
NO.	PART NO.	DESCRIPTION
12	100-12L-3	3/8" I.D. X 4 Foot Vinyl Tubing
13	61-107	Ceramic Weight – 1/2" I.D.
14	24-11L	Foot Strainer – S.S.

ACCESSORIES

NO.	PART NO.	DESCRIPTION
15	61-9K	Metering Tip Kit (13 Sizes)
16	90-15	Ball Valve – GHT
17	44-3	Rubber Hose, 1/2" I.D. X 25 FT.
18	44-3-6	Rubber Hose, 1/2" I.D. X 6 FT.

DRUM MOUNTED PROPORTIONER

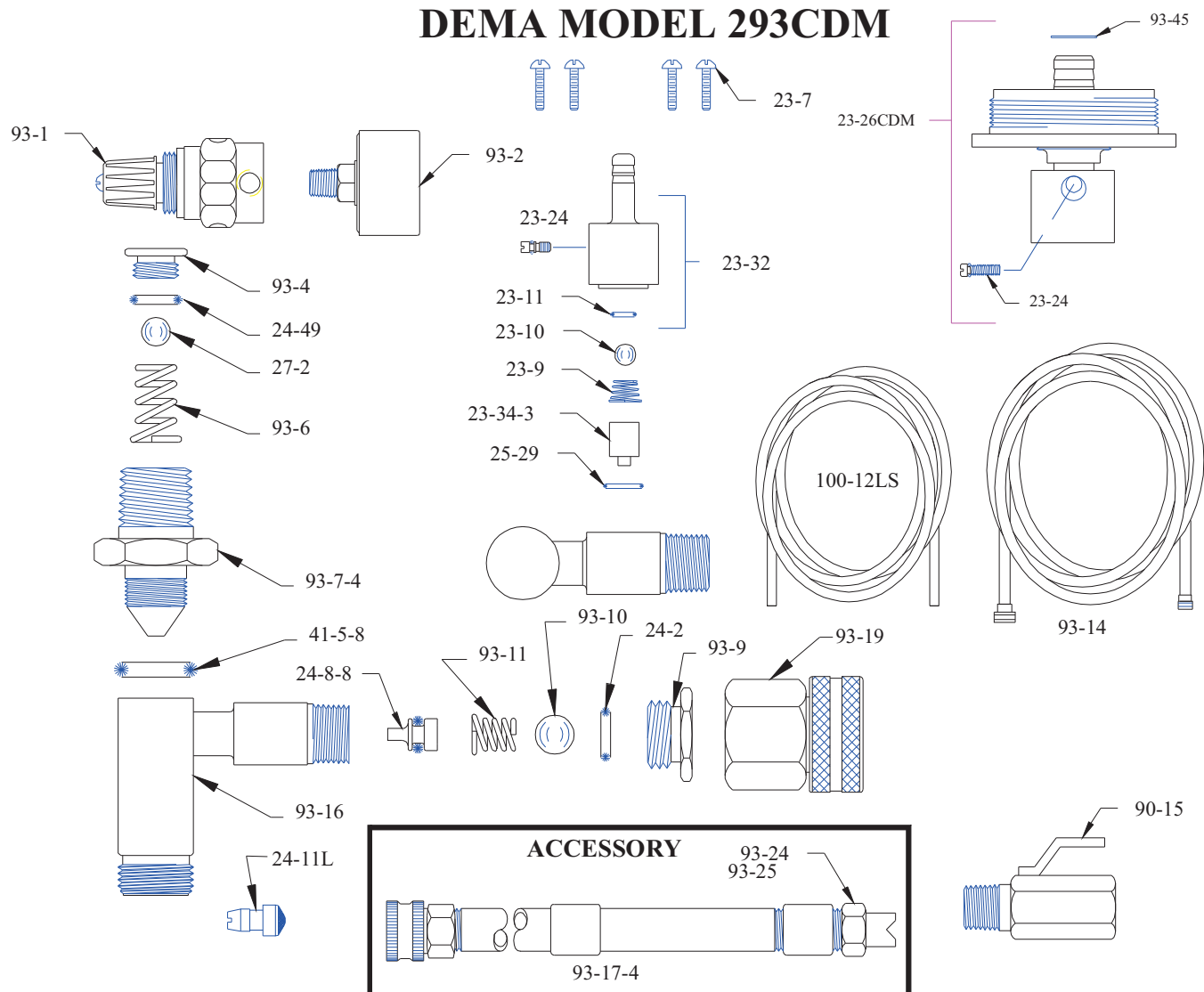
DEMA MODEL 293C



PART NO.	DESCRIPTION	PART NO.	DESCRIPTION
23-7	MACHINE SCREW (4 REQD)	93-1	PRESSURE REGULATOR
23-9	CHECK VALVE SPRING	93-2	PRESSURE GAGE
23-10	CHECK VALVE BALL (9/32 DIA STNLS. STL.)	93-4	AIR CHECK VALVE SEAT
23-11	CHECK VALVE O-RING	93-6	AIR CHECK VALVE SPRING
23-24	METERING SCREW W/ O-RING	93-7	AIR NOZZLE
23-26CDM	METERING KNOB & BUNG ASSY.	93-9	WATER CHECK VALVE SEAT
23-32	METERING KNOB W/ METERING SCREW & O-RING	93-10	WATER CHECK VALVE BALL
23-34-3	CHECK VALVE CORE	93-11	WATER CHECK VALVE SPRINGS
24-2	INLET O-RING SEAL	93-14	3/4" ID X 25' LG. OUTLET HOSE
24-8-8	WATER NOZZLE W/ O-RING	93-16	FOAMER BODY
24-11L	FOOT STRAINER	93-19	HOSE SWIVEL ADAPTER
24-49	AIR CHECK VALVE O-RING	93-45	SNAP RING
25-29	METERING KNOB O-RING	100-12L	VINYL TUBING 3/8 ID 8' LG CLR
27-2	AIR CHECK VALVE BALL	ACCESSORIES	
41-5-8	AIR NOZZLE O-RING	93-17-4	4' LG. SPRAY WAND W/ SOLID STREAM NOZZLE
61-107	CERAMIC WEIGHT	93-24	NOZZLE W/ SOLID STREAM (SUPPLIED)
90-15	OUTLET SHUTOFF VALVE	93-25	NOZZLE W/ 40° ANGLE (OPTIONAL)

DRUM MOUNTED PROPORTIONER

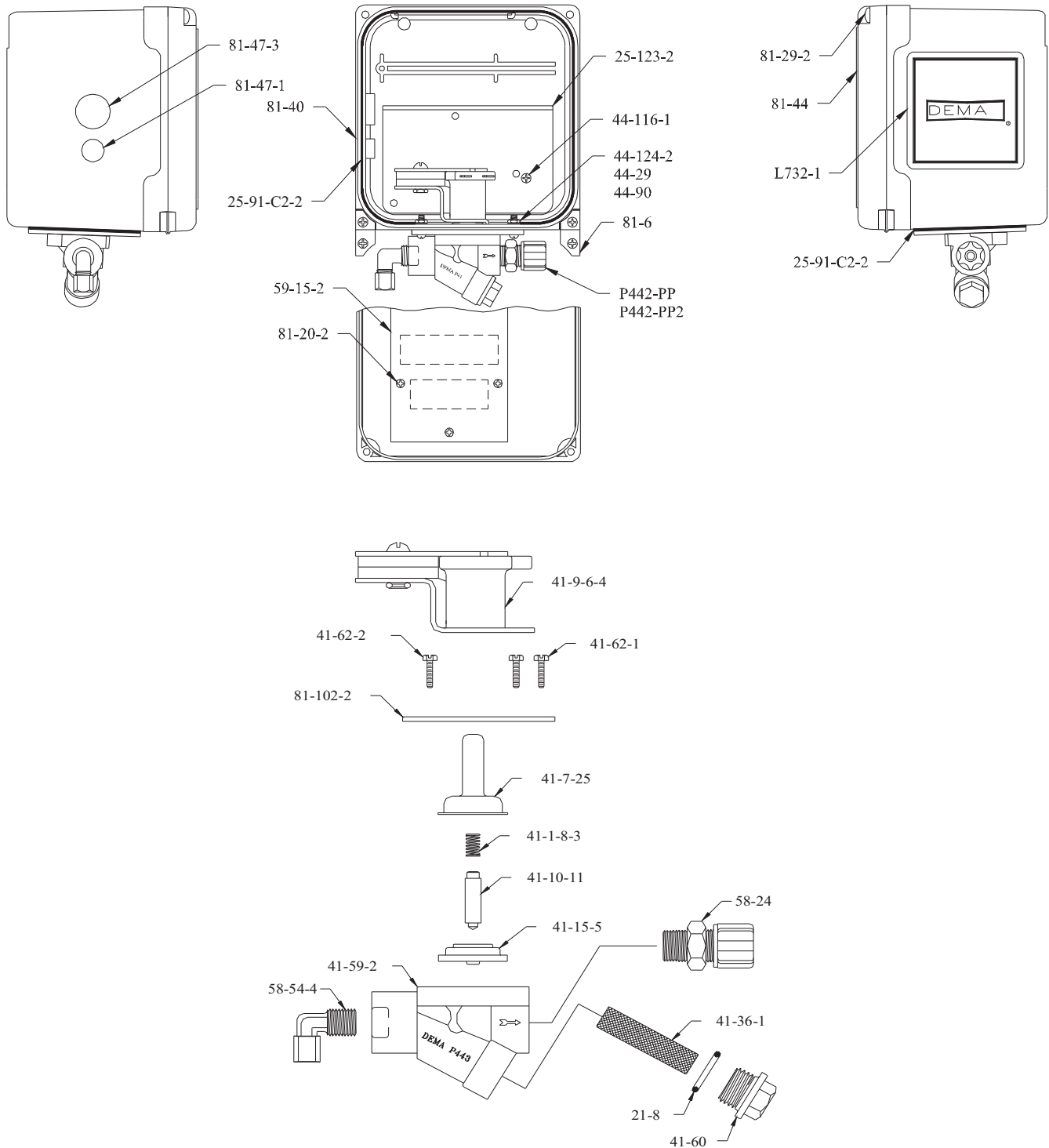
DEMA MODEL 293CDM



PART NO.	DESCRIPTION	PART NO.	DESCRIPTION
23-7	MACHINE SCREW (4 REQD)	93-1	PRESSURE REGULATOR
23-9	CHECK VALVE SPRING	93-2	PRESSURE GAGE
23-10	CHECK VALVE BALL (9/32 DIA STNLS. STL.)	93-4	AIR CHECK VALVE SEAT
23-11	CHECK VALVE O-RING	93-6	AIR CHECK VALVE SPRING
23-24	METERING SCREW W/ O-RING	93-9	WATER CHECK VALVE SEAT
23-26CDM	METERING KNOB & BUNG ASSY.	93-10	WATER CHECK VALVE BALL
23-32	METERING KNOB W/ METERING SCREW & O-RING	93-11	WATER CHECK VALVE SPRINGS
23-34-3	CHECK VALVE CORE	93-14	3/4" ID X 25' LG. OUTLET HOSE
24-2	INLET O-RING SEAL	93-16	FOAMER BODY
24-8-8	WATER NOZZLE W/ O-RING	93-19	HOSE SWIVEL ADAPTER
24-11L	FOOT STRAINER	93-45	SNAP RING
24-49	AIR CHECK VALVE O-RING	100-12LS	VINYL TUBING 3/8" ID X 3 1/2' LG.
25-29	METERING KNOB O-RING	ACCESSORIES 93-17-4 4' LG. SPRAY WAND W/ SOLID STREAM NOZZLE 93-24 NOZZLE W/ SOLID STREAM (SUPPLIED) 93-25 NOZZLE W/ 40° ANGLE (OPTIONAL)	
27-2	AIR CHECK VALVE BALL		
41-5-8	AIR NOZZLE O-RING		
90-15	OUTLET SHUTOFF VALVE		

DEMA 593 SURE – TIMER

Models: 593 and 593-163AG





SPRAY CLEAN DISPENSERS

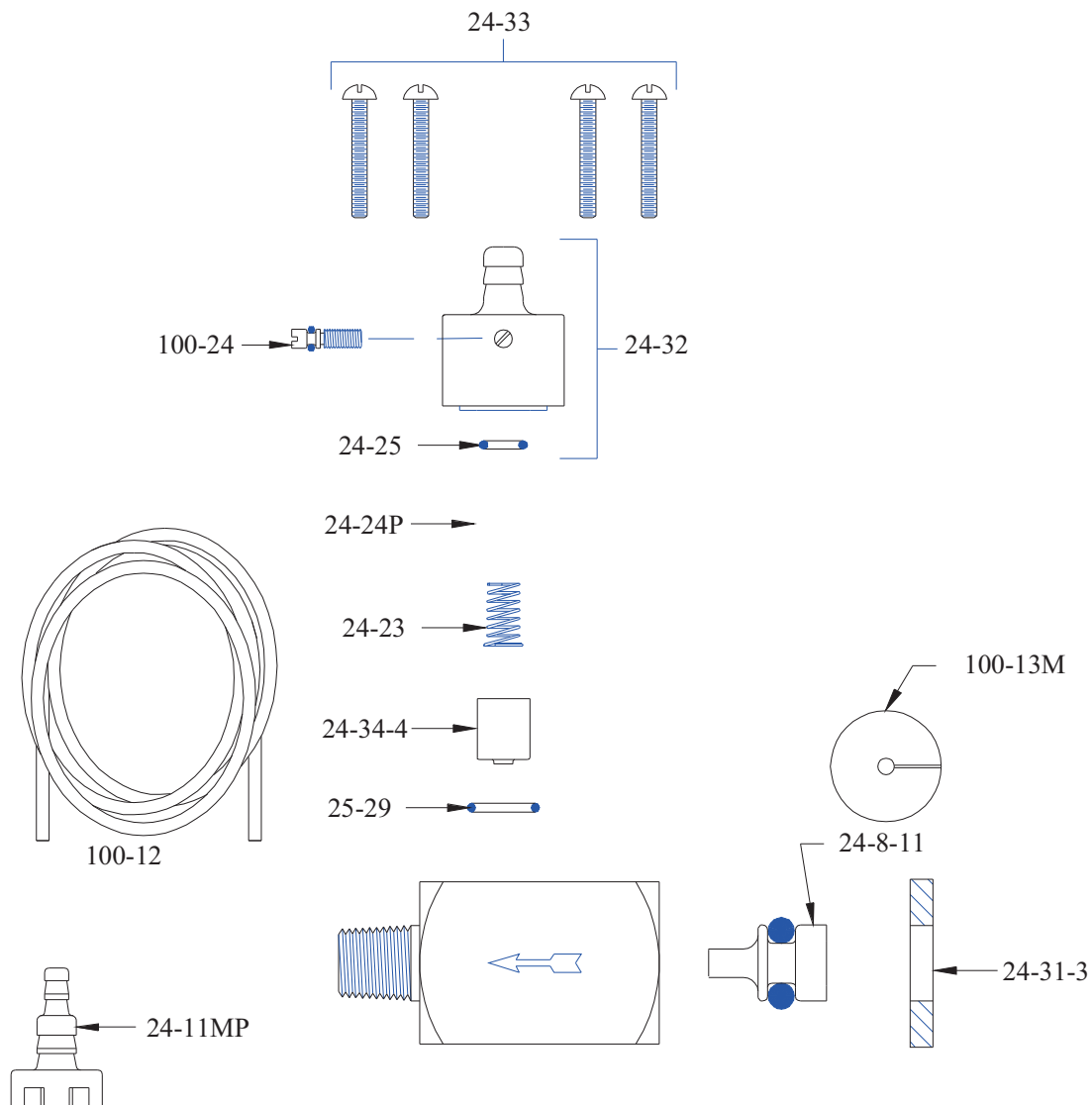
WALL MOUNTED

RAPID FIRE

ROAM AND FOAM

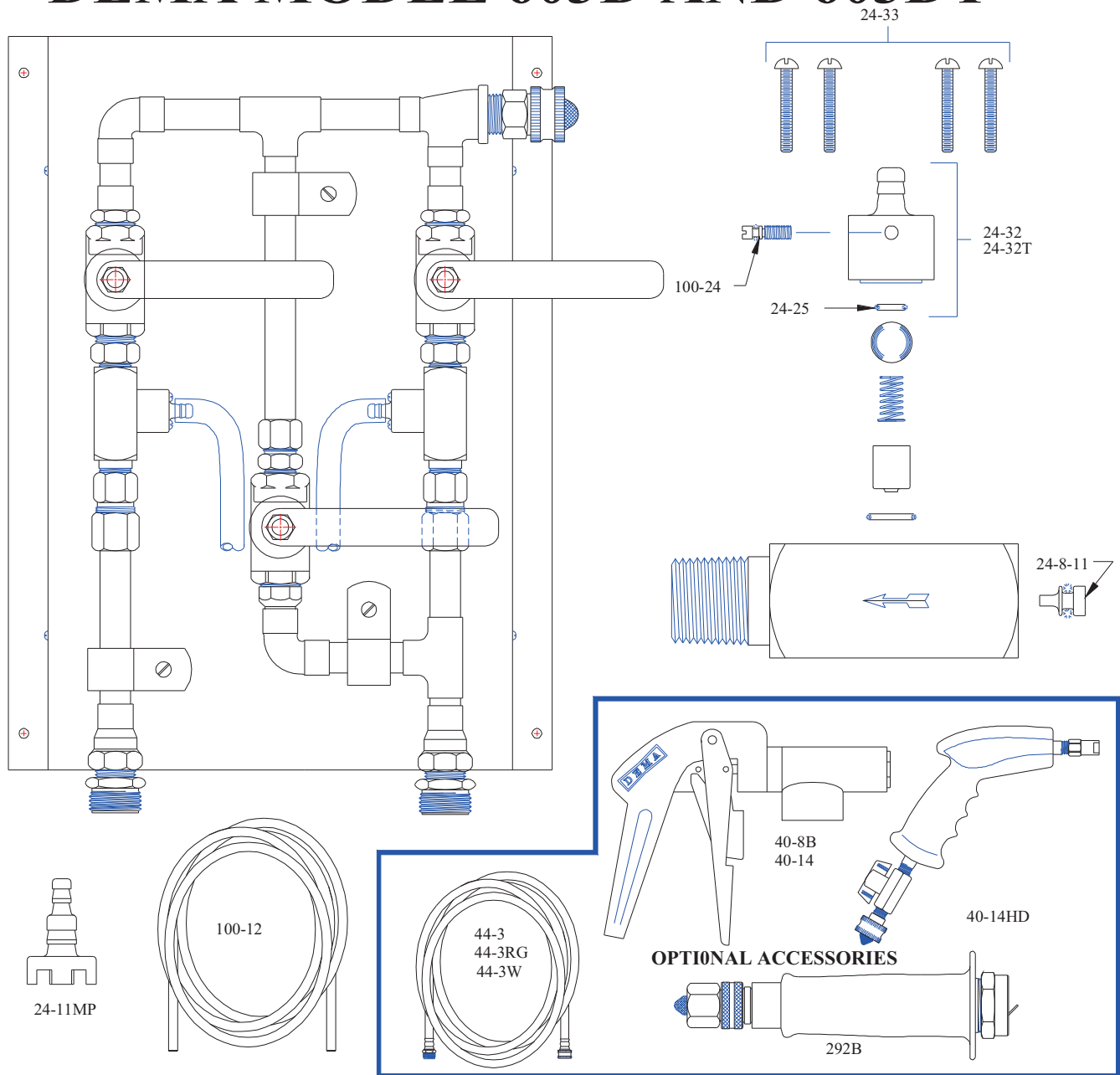
MODEL 603-2 SELECT-O-MATIC

203C INJECTOR



PART NO.	DESCRIPTION
24-8-11	WATER NOZZLE #11
24-11MP	FOOT STRAINER
24-23	CHECK VALVE SPRING
24-24P	CHECK VALVE BALL
24-25	CHECK VALVE O-RING
24-31-3	BACK-UP WASHER
24-32	METERING KNOB
24-33	SCREW (7/8 LG. - 4 REQ'D)
24-34-4	CHECK VALVE CORE
25-29	METERING KNOB O-RING
100-12	VINYL TUBING (3/8" OD X 8' LG.)
100-13M	DRUM PROTECTOR DISC.
100-24	METERING SCREW

DEMA MODEL 603D AND 603DT

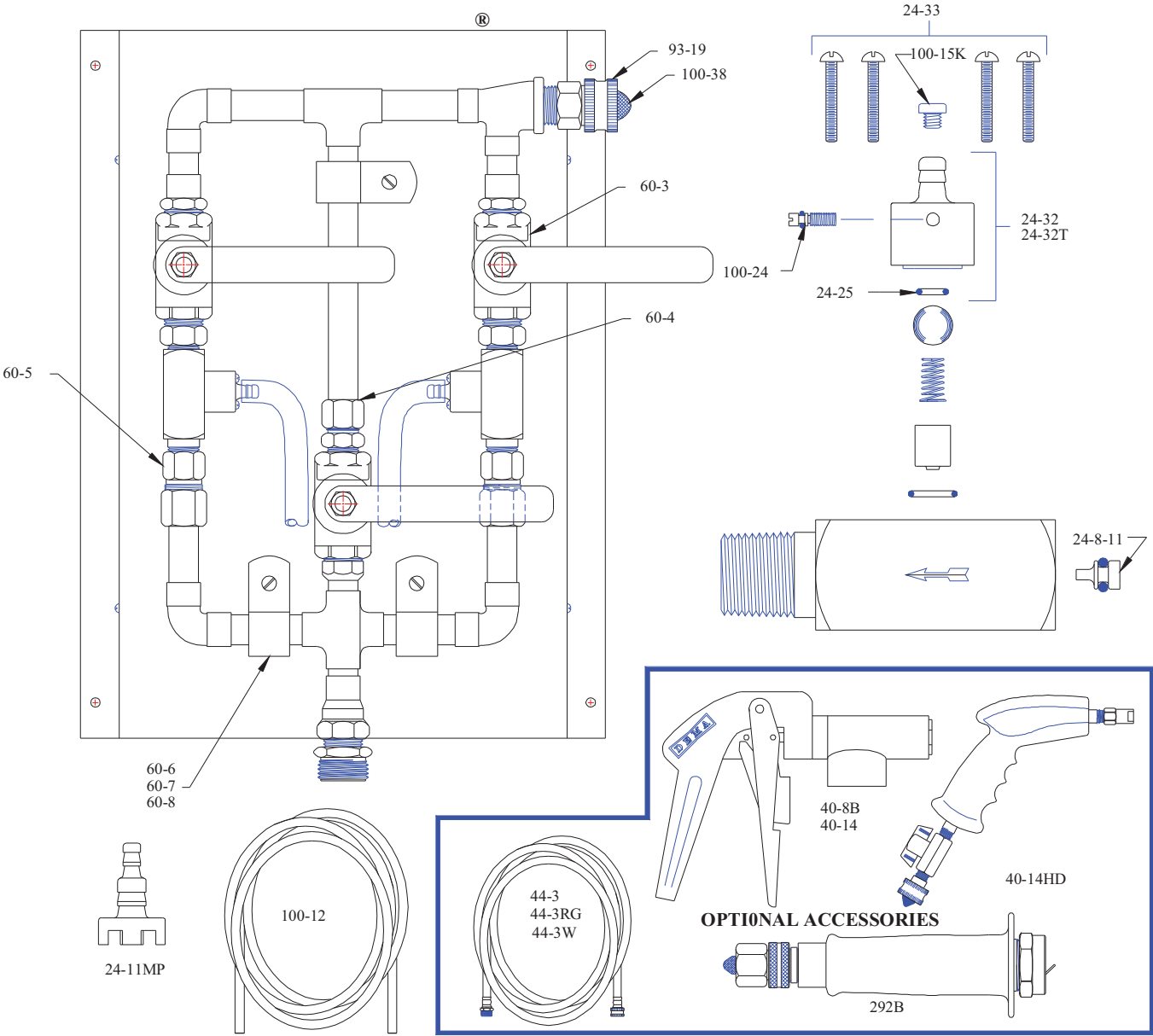


PART NO.	DESCRIPTION
24-8-11	WATER NOZZLE #11
24-11MP	FOOT STRAINER
24-23	CHECK VALVE SPRING
24-24P	CHECK VALVE BALL
24-25	CHECK VALVE O-RING
24-32	METERING KNOB
24-32T	METERING KNOB
24-33	SCRES (7/8 LG. - 4 REQ'D)
24-34-4	CHECK VALVE CORE
25-29	METERING KNOB O-RING
60-3	BALL VALVE
60-4	COMPRESSION FITTING
60-5	COMPRESSION FITTING
60-8	MOUNTING BRACKET

PART NO.	DESCRIPTION
93-19	ADAPTER
100-12	VINYL TUBE (1/4" ID X 8' LG)
100-15-	METERING TIP (SPECIFY COLOR) (FOR 603DT)
100-24	METERING SCREW (FOR 603T)
100-38	STRAINER WASHER

OPTIONAL ACCESSORIES	
44-3	HOSE (BLACK) 25" 1/2" ID
44-3RD	HOSE (RED) SPRING GARD 25' 1/2" ID
44-3W	HOSE (WHITE) 25' 1/2" ID
40-8B	SPRAY GUN
40-14	SPRAY GUN
40-14HD	SPRAY GUN
292B	FOAM WAND

DEMA MODELS 603T

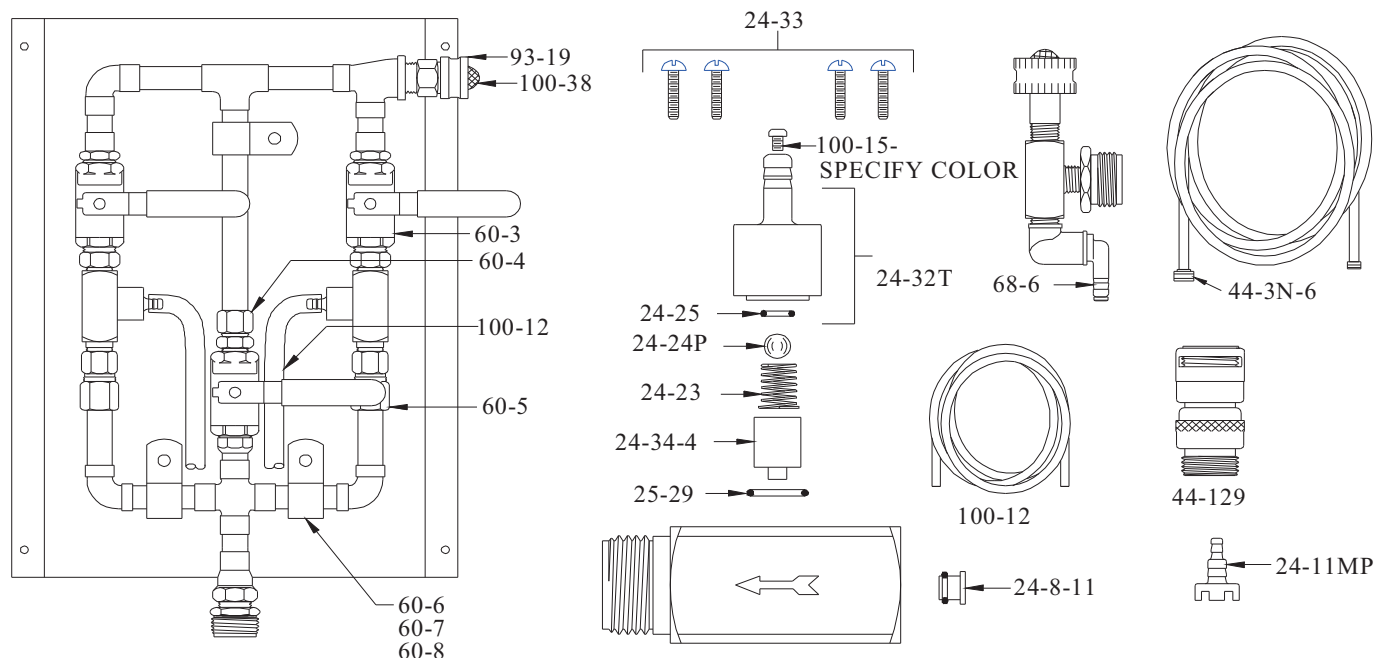


PART NO.	DESCRIPTION
24-8-11	WATER NOZZLE #11
24-11MP	FOOT STRAINER
24-23	CHECK VALVE SPRING
24-24P	CHECK VALVE BALL
24-25	CHECK VALVE O-RING
24-32	METERING KNOB
24-33	SCREW (7/8 LG. - 4 REQ'D)
24-34-4	CHECK VALVE CORE
25-29	METERING KNOB O-RING
60-3	BALL VALVE
60-4	COMPRESSION FITTING
60-5	COMPRESSION FITTING
60-6	SCREW
60-7	NUT
60-8	MOUNTING BRACKET

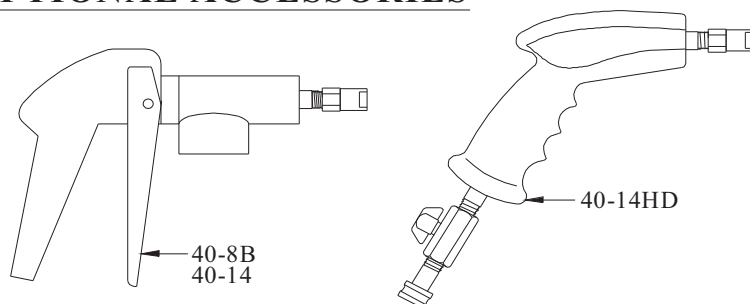
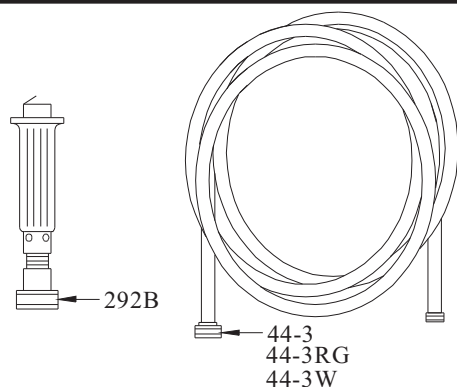
PART NO.	DESCRIPTION
93-19	ADAPTER
100-12	VINYL TUBE (1/4" ID X 8' LG)
100-15-	METERING TIP (SPECIFY COLOR)
100-24	METERING SCREW
100-38	STRAINER WASHER

OPTIONAL ACCESSORIES	
44-3	HOSE (BLACK) 25' 1/2" ID
44-3RD	HOSE (RED) SPRING GARD 25' 1/2" ID
44-3W	HOSE (WHITE) 25' 1/2" ID
40-8B	SPRAY GUN
40-14	SPRAY GUN
40-14HD	SPRAY GUN
292B	FOAM WAND

DEMA MODEL 603T-WI SELECT-O-MATIC



OPTIONAL ACCESSORIES



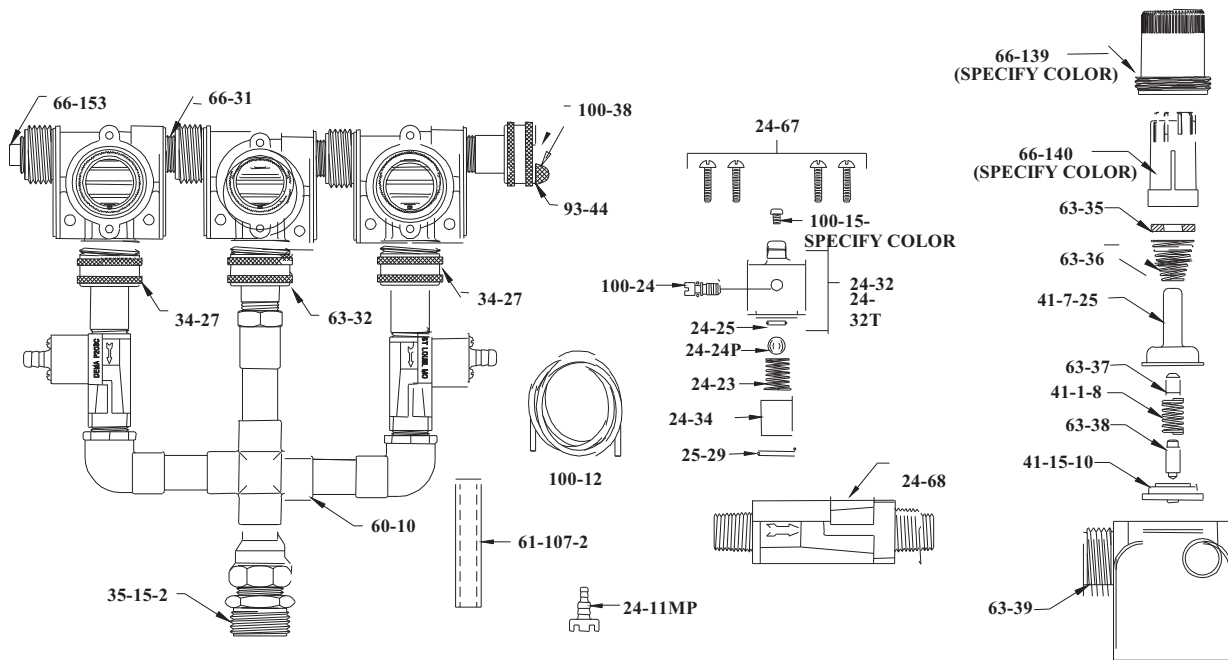
PART NO.	DESCRIPTION
24-8-11	WATER NOZZLE #11
24-11MP	FOOT STRAINER
24-23	CHECK VALVE SPRING
24-24P	CHECK VALVE BALL
24-25	CHECK VALVE O-RING
24-32T	METERING KNOB
24-33	SCREW (7/8 LG-4 REQD.)
24-34-4	CHECK VALVE CORE
25-29	METERING KNOB O-RING
44-3N-6	NYLON BRAIDED INLET HOSE
44-129	BACKFLOW PREVENTER
60-3	BALL VALVE
60-4	COMPRESSION FITTING
60-5	COMPRESSION FITTING
60-6	SCREW
60-7	NUT
60-8	MOUNTING BRACKET

PART NO.	DESCRIPTION
68-6	PRESSURE INDICATING TEE
93-19	ADAPTOR
100-12	VINYL TUBING 1/4ID X 8'LG
100-15-	METERING TIP SPECIFY COLOR
100-38	STRAINER WASHER

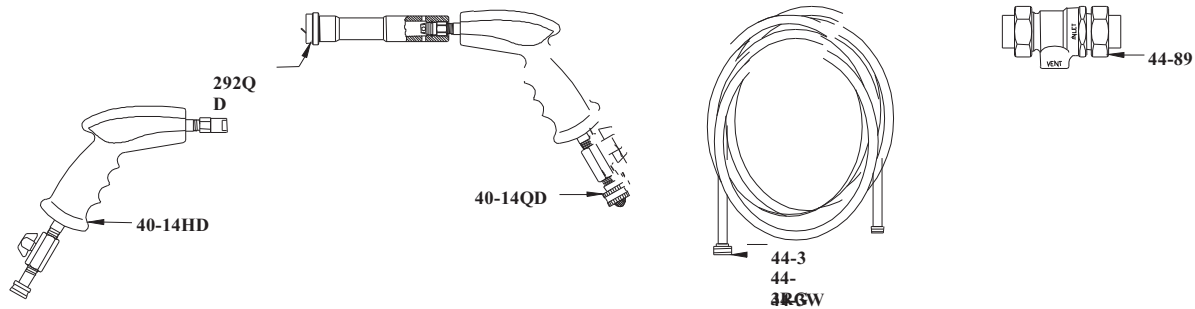
OPTIONAL ACCESSORIES

44-3	HOSE (BLACK) 25' X 1/2 ID
44-3RG	HOSE (RED) SPRING GARD 25' X 1/2 ID
44-3W	HOSE (WHITE) 25' X 1/2 ID
40-8B	SPRAY GUN
40-14	SPRAY GUN
40-14HD	HEAVY DUTY SPRAY GUN
292B	FOAM WAND

DEMA SELECT-O-MATIC MODELS 604T



OPTIONAL ACCESSORIES

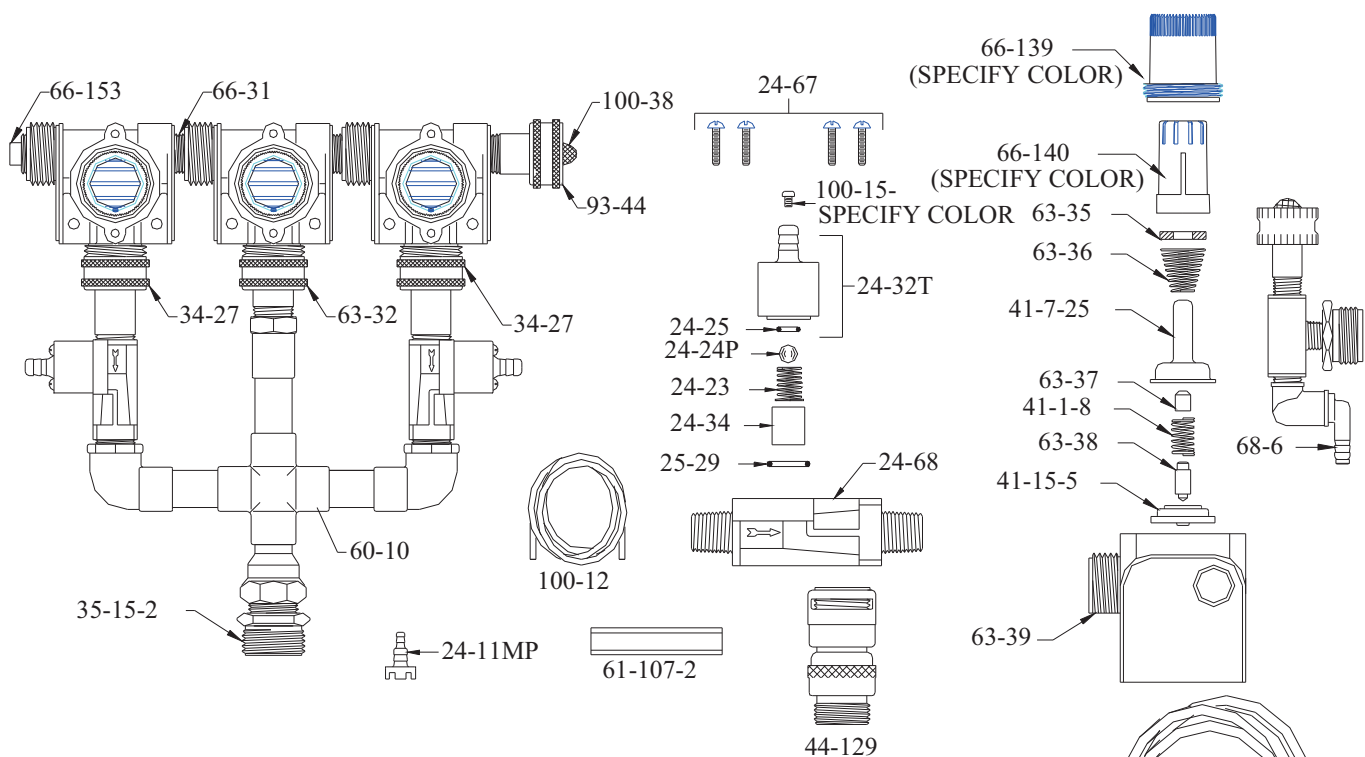


PART NO.	DESCRIPTION	PART NO.	DESCRIPTION
24-11MP	FOOT STRAINER	66-139	MAGNET HOUSING (SPECIFY COLOR)
24-23	CHECK VALVE SPRING	66-140	PUSH BUTTON (SPECIFY COLOR)
24-24P	CHECK VALVE BALL	66-153	PIPE PLUG & O-RING
24-25	CHECK VALVE O-RING	93-44	PIPE TO GARDEN HOSE ADAPTER
24-32	METERING KNOB	100-12	VINYL TUBING 1/4ID X 8'LG
24-32T	METERING KNOB	100-15-	METERING TIP (SPECIFY COLOR)
24-34	CHECK VALVE CORE	100-24	METERING SCREW
24-67	SCREW (1" LG 4-REQD.)	100-38	STRAINER WASHER
24-68	INJECTOR BODY		
25-29	O-RING		
34-27	PIPE TO GARDEN HOSE ADAPTER		
35-15-2	HOSE ADAPTER		
41-1-8	KICK-OFF SPRING		
41-7-25	ENCLOSING TUBE		
41-15-10	DIAPHRAGM		
60-10	MANIFOLD		
61-107-2	CERAMIC WEIGHT		
63-32	PIPE TO GARDEN HOSE ADAPTER		
63-35	MAGNET		
63-36	SPRING		
63-37	SPACER		
63-38	PLUNGER		
63-39	VALVE BODY		
66-31	CLOSE NIPPLE		

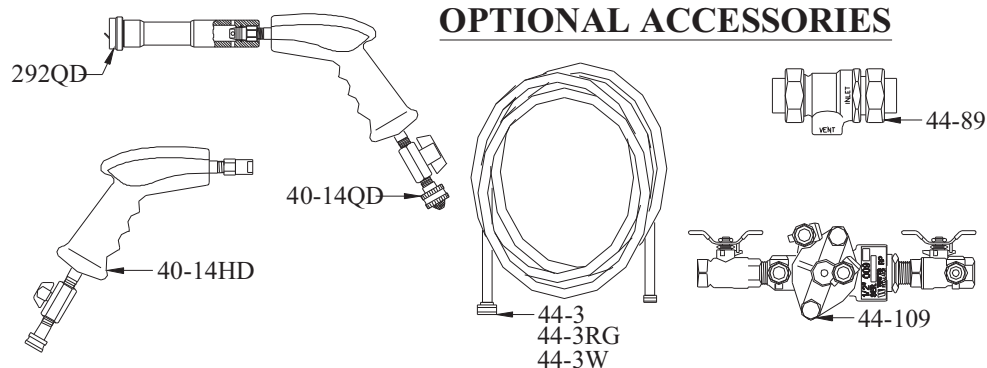
OPTIONAL ACCESSORIES

44-3	GARDEN HOSE (BLACK) 1/2 ID X 25'
44-3RG	GARDEN HOSE (RED) 1/2 ID X 25'
44-3W	GARDEN HOSE (WHITE) 1/2 ID X 25'
40-14HD	HEAVY DUTY SPRAY GUN
40-14QD	HEAVY DUTY SPRAY GUN W/ DISCONNECT
44-89	BACKFLOW PREVENTER (A.S.S.E. 1012)
292QD	FOAM WAND W/ DISCONNECT

DEMA MODEL 604T-WI SELECT-O-MATIC



OPTIONAL ACCESSORIES



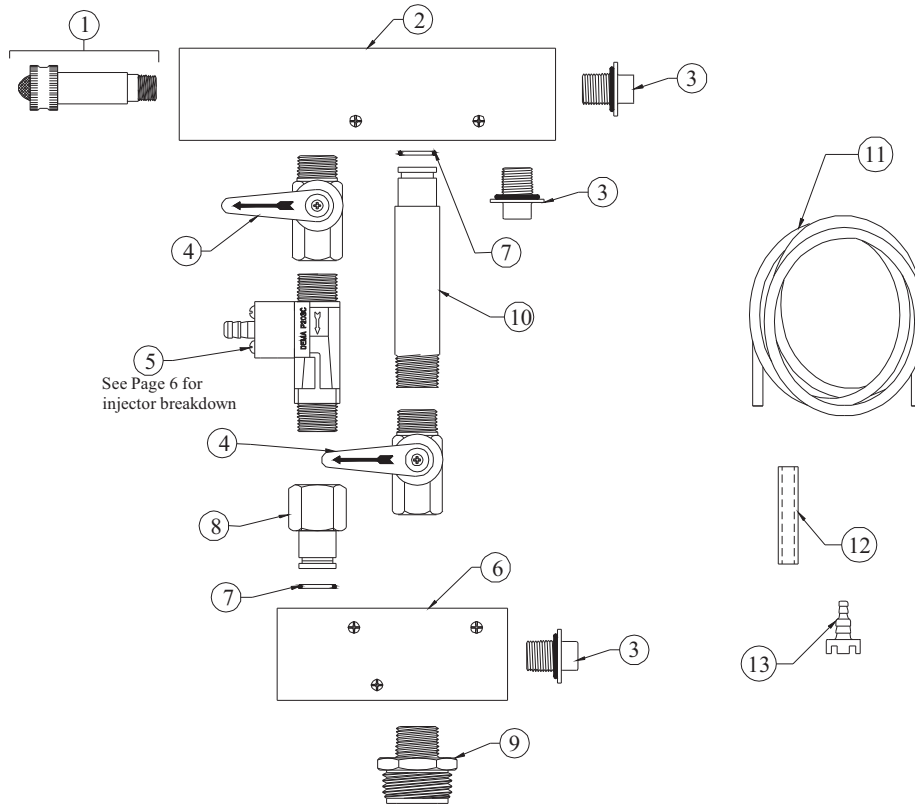
PART NO.	DESCRIPTION
24-11MP	FOOT STRAINER
24-23	CHECK VALVE SPRING
24-24P	CHECK VALVE BALL
24-25	CHECK VALVE O-RING
24-32T	METERING KNOB
24-34	CHECK VALVE CORE
24-67	SCREW (1" LG 4-REQD.)
24-68	VALVE BODY
34-27	PIPE TO GARDEN HOSE ADAPTER
35-15-2	HOSE ADAPTER
41-1-8	KICK-OFF SPRING
41-7-25	ENCLOSING TUBE
41-15-5	DIAPHRAGM
44-3N-6	NYLON BRAIDED INLET HOSE
44-129	BACKFLOW PREVENTER
60-10	MANIFOLD
61-107-2	CERAMIC WEIGHT
63-32	PIPE TO GARDEN HOSE ADAPTER
63-35	MAGNET
63-36	SPRING
63-37	SPACER
63-38	PLUNGER

PART NO.	DESCRIPTION
66-31	CLOSE NIPPLE
66-139	MAGNET HOUSING (SPECIFY COLOR)
66-140	PUSH BUTTON (SPECIFY COLOR)
66-153	PIPE PLUG
68-6	PRESSURE INDICATING TEE
93-44	PIPE TO GARDEN HOSE ADAPTER
100-12	VINYL TUBING 1/4ID X 8'LG
100-15-	METERING TIP SPECIFY COLOR
100-24	METERING SCREW
100-38	STRAINER WASHER

OPTIONAL ACCESSORIES

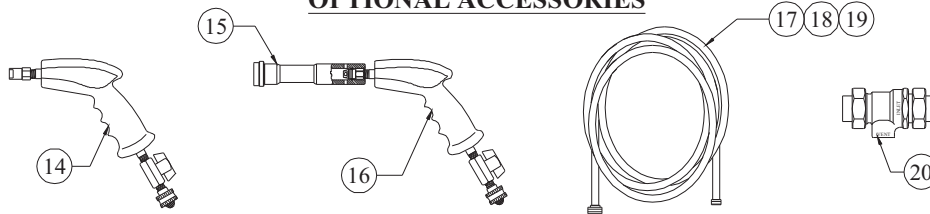
44-3	HOSE (BLACK) 25' X 1/2 ID
44-3RG	HOSE (RED) SPRING GARD 25' X 1/2 ID
44-3W	HOSE (WHITE) 25' X 1/2 ID
40-14HD	HEAVY DUTY SPRAY GUN
40-14QD	HEAVY DUTY SPRAY GUN W/ DISCONNECT
44-89	BACKFLOW PREVENTER (A.S.S.E. 1012)
44-109	BACKFLOW PREVENTER (A.S.S.E. 1013)
292B	FOAM WAND
292QD	FOAM WAND W/ DISCONNECT

DEMA[®] SPRAY CLEAN DISPENSERS MODEL 605T



See Page 6 for
injector breakdown

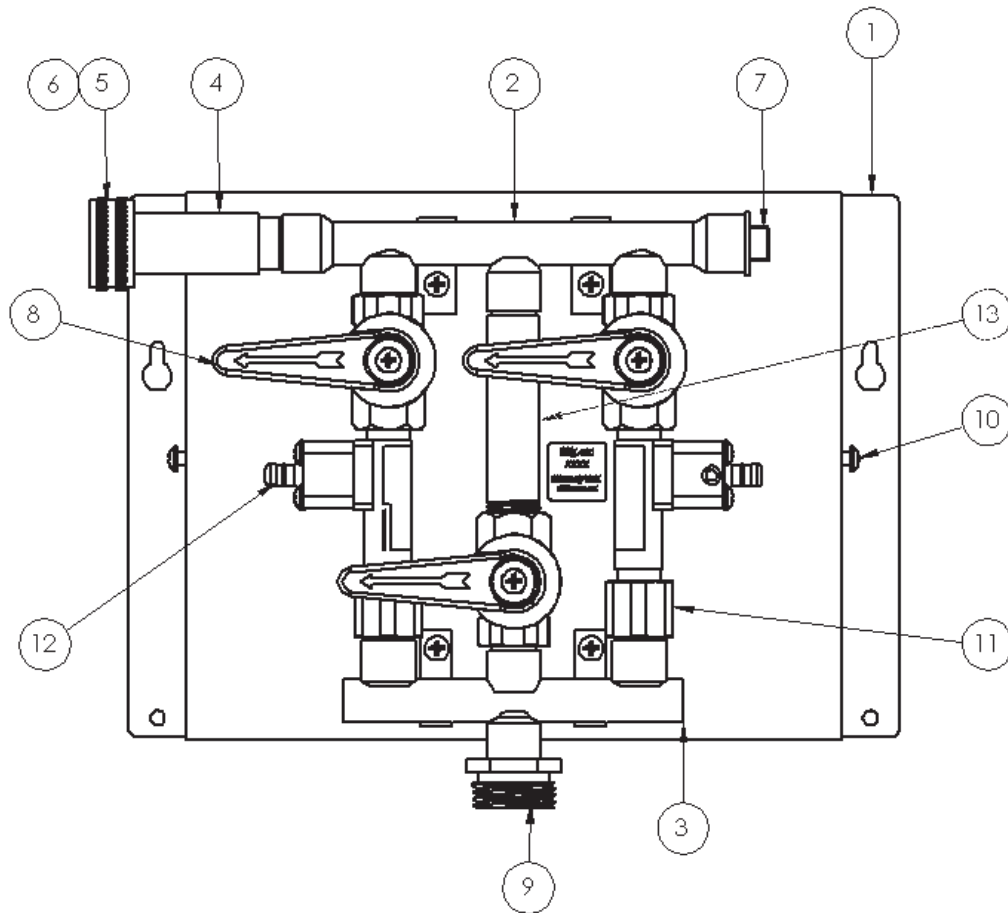
OPTIONAL ACCESSORIES



NO.	PART NO.	DESCRIPTION
1	63-32-2	Water Inlet
2	69-8-1	Top Manifold
3	66-153	Pipe Plug & O-Ring Assy.
4	60-60 65-2	Ball Valve w/Handle or Ball Valve 3/8" NPT
5	P203CTC	Injector
6	69-5-1	Bottom Manifold
7	30-5-14	O-Ring (EP)
8	69-9-1	Adapter
9	65-18-1	Outlet Fitting
10	58-83-1	Pipe Adapter
11	100-12	Vinyl Tubing 1/4 ID X 8' Lg.
12	61-107-2	Ceramic Weight
13	24-11MP	Foot Strainer

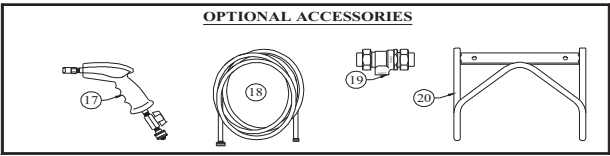
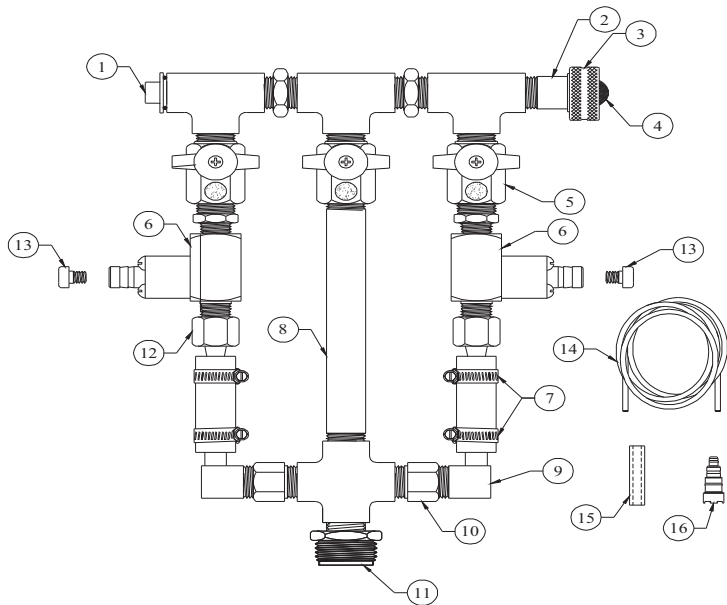
OPTIONAL ACCESSORIES		
NO.	PART NO.	DESCRIPTION
14	40-14HD	Heavy Duty Spray Gun
15	292QD	Foam Wand W/ Disconnect
16	40-14QD	Heavy Duty Spray Gun W/ Disconnect
17	44-3	1/2 ID X 25' Hose (Black)
18	44-3RW	1/2 ID X 25' Spring Garden Hose (Red)
19	44-3W	1/2 ID X 25' Hose (White)
20	44-89	Backflow Preventer (A.S.S.E. 1012)

Spray Clean 606T-2



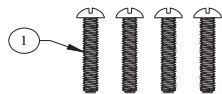
NO.	QTY	PART NO.	DEMA NO.	DESCRIPTION
1	1	26755.1	60.57	BASE
2	1	28991.1		STAINLESS STEEL MANIFOLD UPPER
3	1	28992.1		STAINLESS STEEL MANIFOLD LOWER
4	1	27041.1	65.14	HOSE FITTING SWIVEL ADAPTER
5	1	24569.1	65.1	SWIVEL COUPLING
6	1	21777.1	100.38	STRAINER WASHER
7	1	X26357.1	66.153	PIPE PLUG & O-RING ASSEMBLY
8	3	26764.1		VALVE KNOB
9	1	26326.1	65.18.1	ADAPTER 3/4" MGHT X 3/8 NPT
10	6	26968.1	60.67.1	SCREW #8 X 1/2" PH
11	1	X29033.1	60.76.1	RIGHT SIDE INJECTOR ASSY
12	1	X29033.2	60.76.2	LEFT SIDE INJECTOR ASSY
13	1	X29034.1	60.77	CENTER BALL VALVE ASSY

DEMA MODELS 606T-ES

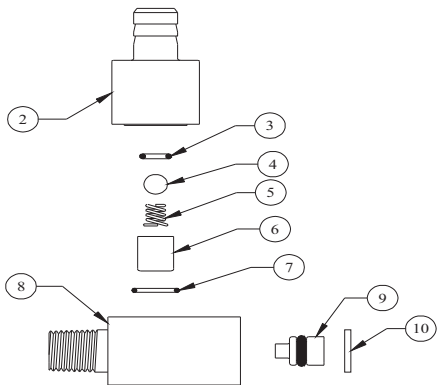


NO.	PART NO.	DESCRIPTION
1	66-153	Pipe Plug With O-Ring
2	65-100-1	Inlet Adapter Stem
3	65-10	Swivel Coupling
4	100-38	Strainer Washer
5	65-2	Ball Valve
6	202C-ES-LA	Injector (See exploded view on next page.)
7	76-2-3	Worm Clamp
8	99-5-11	3/8" NPT Pipe X 5 1/5" Long
9	66-99-9	Elbow Hose Barb
10	63-47	3/8" NPT Inlet Adapter
11	65-18-1	3/8" MPT X MGHT Outlet Adapter

12	23-36-1	1/4" FPT X 3/8" Barb Adapter
13	61-9K	Metering Tip Kit
14	100-12L	Vinyl Tubing 3/8" I.D. X 8' Long
15	61-107	Ceramic Weight
16	100-58P	Foot Strainer
17	40-14HD-5GPM	Heavy Duty Spray Gun & Nozzle
18	44-3R-50	Red Garden Hose 1/2" I.D. X 50' Long
19	44-89	Backflow Preventer (A.S.S.E. 1012)
20	44-4S	Hose Rack
21	66-54	#10 x 1-1/2" Screw & Anchor Kit (Not Shown)

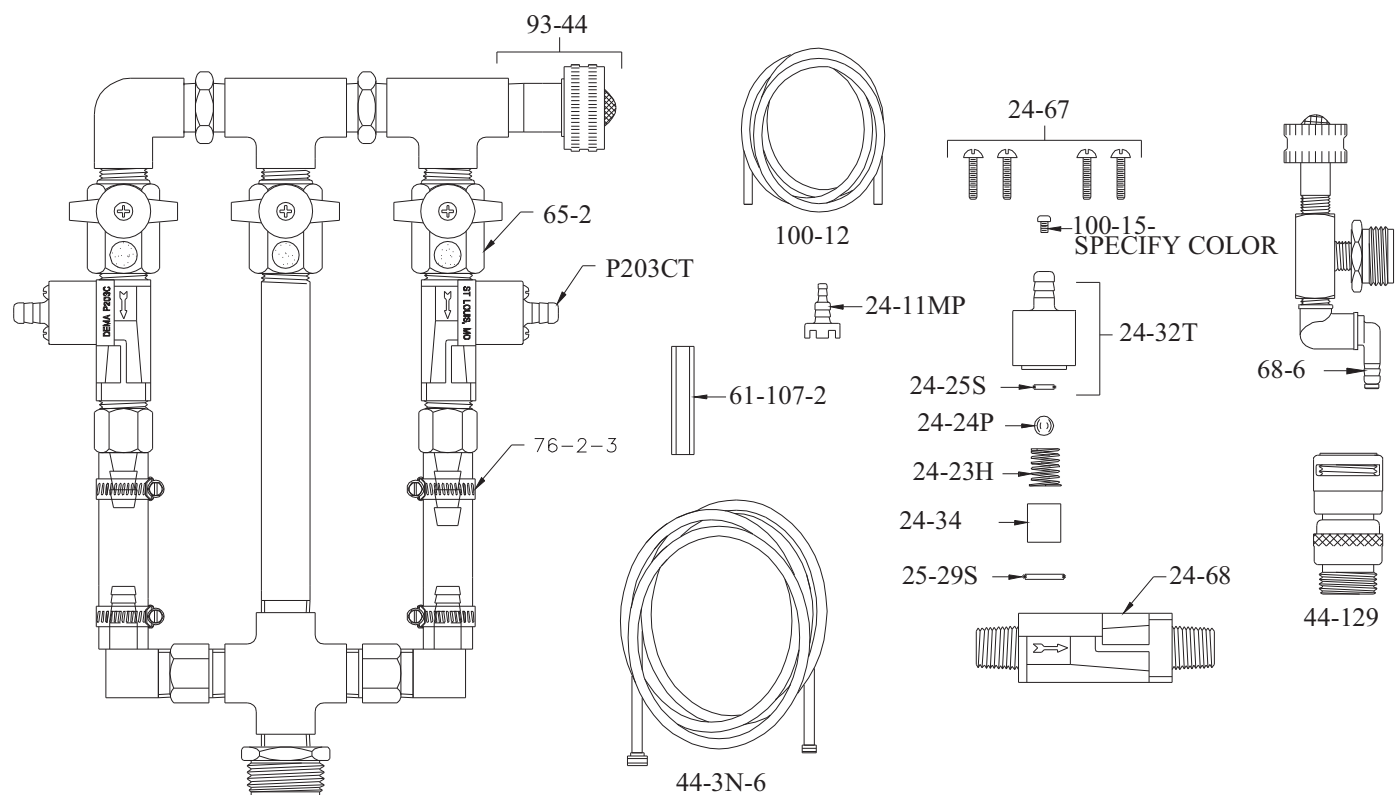


202C-ES-LA INJECTOR BREAKDOWN

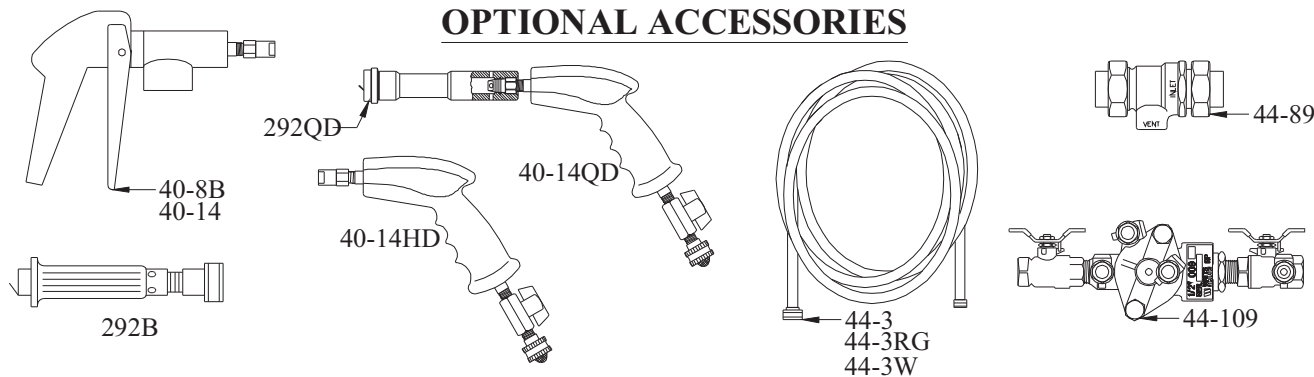


NO.	PART NO.	DESCRIPTION
1	23-7	Screw (4 Required)
2	23-35-1	Metering Knob
3	23-11	O-Ring (2-10)
4	24-24P	Check Valve Ball
5	23-9	Check Valve Spring
6	23-34-3	Check Valve Core
7	25-29	O-Ring (2-12)
8	24-85-202C-ES	Injector Body
9	24-8-8	#8 Water Nozzle & O-Ring
10	24-31-2	PVC Washer

DEMA MODEL 606T-WI SELECT-O-SPRAY



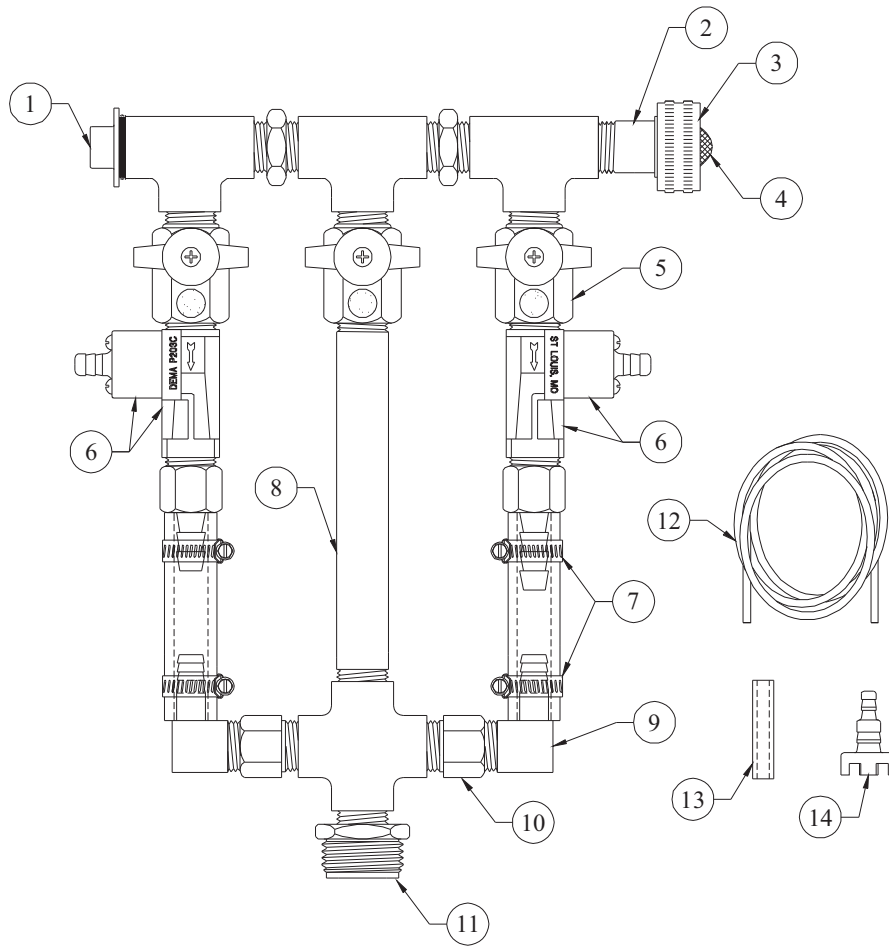
OPTIONAL ACCESSORIES



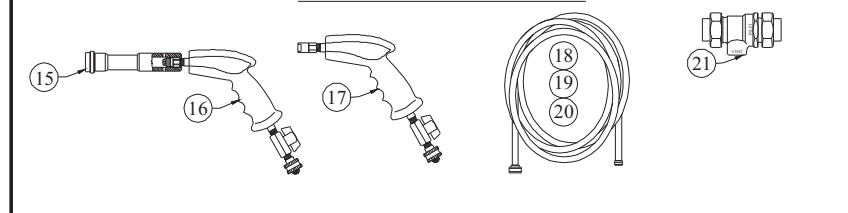
PART NO.	DESCRIPTION
24-11MP	FOOT STRAINER
24-23H	CHECK VALVE SPRING
24-24P	CHECK VALVE BALL
24-25S	CHECK VALVE O-RING
24-32T	METERING KNOB
24-34	CHECK VALVE CORE
24-67	SCREW (1" LG 4-REQD.)
24-68	VALVE BODY
25-29S	O-RING
44-3N-6	NYLON BRAIDED INLET HOSE
44-129	BACKFLOW PREVENTER
61-107-2	CERAMIC WEIGHT
65-2	BALL VALVE
76-2-3	HOSE CLAMP
68-6	PRESSURE INDICATING TEE
93-44	WATER INLET

100-12	VINYL TUBING 1/4ID X 8'LG
100-15-	METERING TIP SPECIFY COLOR
100-38	STRAINER WASHER
P203CT	INJECTOR
OPTIONAL ACCESSORIES	
44-3	HOSE (BLACK) 25' X 1/2 ID
44-3RG	HOSE (RED) SPRING GARD 25' X 1/2 ID
44-3W	HOSE (WHITE) 25' X 1/2 ID
40-8B	SPRAY GUN
40-14	SPRAY GUN
40-14HD	HEAVY DUTY SPRAY GUN
40-14QD	HEAVY DUTY SPRAY GUN W/ DISCONNECT
44-89	BACKFLOW PREVENTER (A.S.S.E. 1012)
44-109	BACKFLOW PREVENTER (A.S.S.E. 1013)
292B	FOAM WAND
292QD	FOAM WAND W/ DISCONNECT

DEMA MODELS 606T



OPTIONAL ACCESSORIES

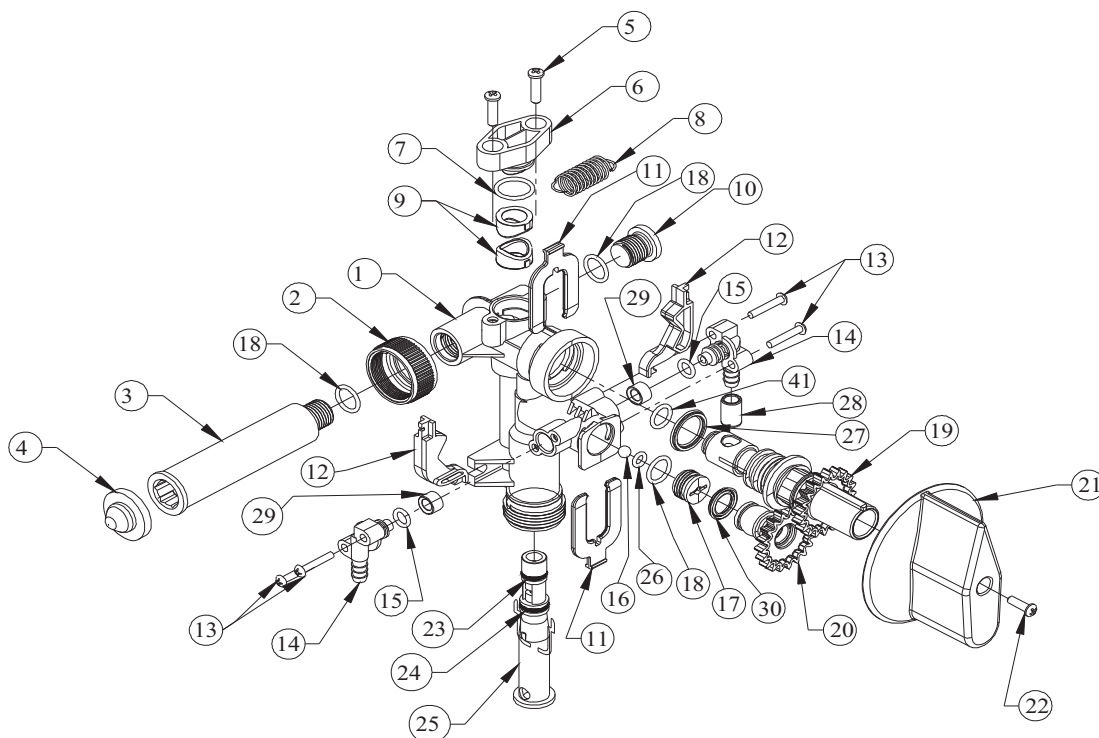


NO.	PART NO.	DESCRIPTION
1	66-153	Pipe Plug w/O-Ring
2	65-100-1	Inlet Adapter Stem
3	65-10	Swivel Coupling
4	100-38	Strainer Washer
5	65-2	Ball Valve
	81-19-20	Screw for Ball Valve Turn Knob
6	P203CTC	Injector (exploded view shown on separate page)
7	76-2-3	Worm Screw Clamp
8	99-5-11	3/8 NPT Pipe x 5 1/5" Lg.
9	66-99-9	Elbow Hose Barb
10	63-47	3/8 NPT Inlet Adapter
11	65-18-1	3/8 NPT Outlet Adapter

NO.	PART NO.	DESCRIPTION
12	100-12	Vinyl Tubing 1/4" I.D. x 8' LG
13	61-107-2	Ceramic Weight
14	24-11MP	Foot Strainer
15	292QD	Foam Wand w/Quick Disconnect
16	40-14QD	Heavy Duty Spray Gun w/Quick Disconnect
17	40-14HD	Heavy Duty Spray Gun
18	44-3	Hose (Black) 25' x 1/2" I.D.
19	44-3RG	Hose (Red) Spring Guard 25' x 1/2" I.D.
20	44-3W	Hose (White) 25' x 1/2" I.D.
21	44-89	Backflow Preventer (A.S.S.E. 1012)

DEMA RAPID FIRE MODELS

6300, 6300-1, 6300-2, 6300-3, 6300-4 & 6300-5

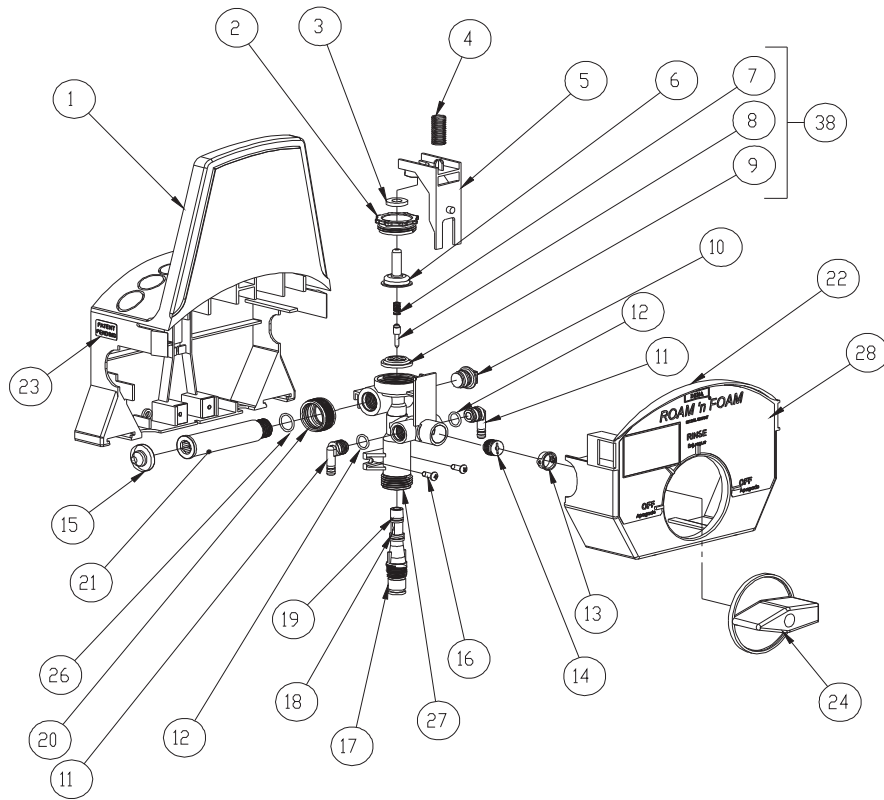


ITEM NO.	QTY	DEMA NO.	DESCRIPTION	MATERIAL
1	1	63-1	Valve Body	POLYPROPYLENE
2	1	65-10	Coupling	BRASS
3	1	66-93	Inlet	BRASS
4	1	100-38	Strainer Washer	VINYL/SS
5	2	44-116-6	#8 HI-LO Screw x 5/8" Lg.	STNLS. STL.
6	1	63-2	Water Seal Retainer	POLYPROPYLENE
7	1	63-8	O-Ring	AFLAS
8	1	63-9	Extension Spring	STNLS. STL.
9	2	66-93-8	Water Seal	AFLAS
10	1	63-11	Plug	POLYPROPYLENE
11	2	63-12	Gear Retainer	POLYPROPYLENE
12	2	63-13	Detent	POLYPROPYLENE
13	4	58-102	#6 HI-LO Screw X 3/4" Lg.	STNLS. STL.
14	2	63-14	Elbow	POLYPROPYLENE
15	2	63-4	O-Ring	AFLAS
16	1	24-24P7	Ball (.2188 dia.)	TEFLON
17	1	63-15	Check Valve Body	POLYPROPYLENE
18	3	63-7	O-Ring	AFLAS
19	1	63-16	Drive Gear	POLYPROPYLENE
20	1	63-17	Driven Gear	POLYPROPYLENE
21	1	63-18	Knob	POLYPROPYLENE
22	1	58-60	#6 HI-LO Screw X 1/2" Lg.	STNLS. STL.
23	1	63-5	O-Ring	AFLAS
24	1	63-6	O-Ring	AFLAS
25	1	20-1-11RF	Injector 2.7 GPM (Color, Gray)	POLYPROPYLENE
26	1	63-3	O-Ring	AFLAS
27 *	1	66-93-3	U-Cup	AFLAS
28	1	63-19	Cap	VINYL
29	2	66-93-7	Chemical Seal	AFLAS
30	1	66-93-4	U-Cup	AFLAS
41	1	25-29	O-Ring	EPDM

* For 6300-1.

DEMA ROAM' n FOAM MODELS

625RNF, 625RNF-1, 625RNF-2, 625RNF-3, 625RNF-4 & 625RNF-5

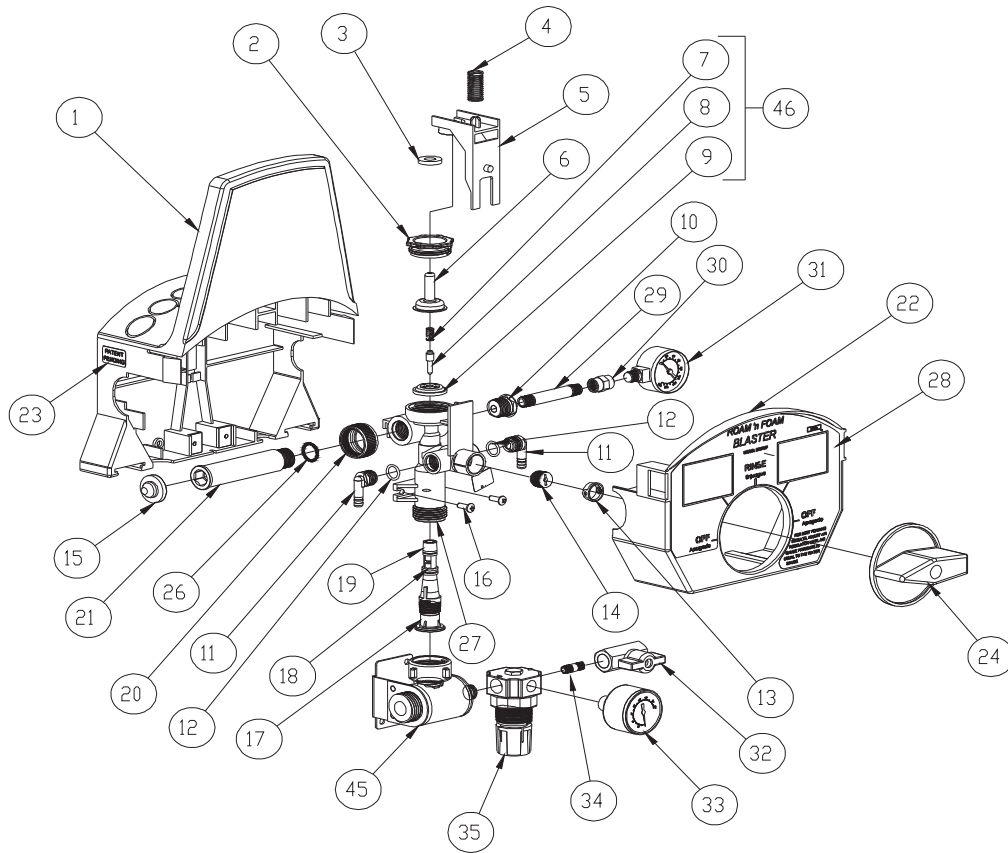


ITEM NO.	QTY	DEMA NO.	DESCRIPTION	MATERIAL
1	1	63-162-1	Base	POLYPROPYLENE
2	1	98-7-2	Nut, Enclosing Tube Retaining	POLYPROPYLENE
3	1	63-35	Magnet	NEODYMIUM
4	1	35-39	Spring	STNLS. STL
5	1	35-47	Magnet Holder	POLYPROPYLENE
6	1	41-7-25	Enclosing Tube	STNLS. STL
7	1	98-41-1	Kickoff Spring	STNLS. STL
8	1	98-24-1	Plunger	STNLS. STL
9	1	41-15-10	1 1/16" Diaphragm	EDPM
10	1	66-153	Pipe Plug & O-Ring	POLYPRO/EPDM
11	*	63-79	Inlet Barb	POLYPROPYLENE
12	*	63-78	O-Ring	EPDM
13	1	57-10-105-5	2 Port Seal	VITON
14	1	88-5-2	Check Valve Assembly	PVC
15	1	100-38	Strainer Washer	BUNA\STNLS.STL.
16	1	44-116-5	#8 HiLo Screw	STNLS. STL
17	1	20-1-10RF 20-1-11RF 20-1-12RF	Injector 2.1 GPM Injector 2.7 GPM Injector 3.3 GPM	POLYPROPYLENE
18	1	25-29	O-Ring	EPDM
19	1	26-18	O-Ring	EPDM
20	1	65-10	Coupling	BRASS
21	1	44-108-1	Hose Fitting	BRASS
22	1	63-163-1	Front Cover	POLYPROPYLENE
23	1	L915	Label	MYLAR
24	1	63-164-1	Selector Knob	POLYPROPYLENE
26	1	619-15	O-Ring	EPDM
27	1	35-48-1	Valve Body	POLYPROPYLENE
28	1	**	Label	MYLAR
38	1	98-25-1	Repair Kit	VARIOUS
39	1	66.231	Hose Clamp, Screw and Anchor Kit	VARIOUS

* 1 ea. for 625RNF-1, -3, -5 and 2 ea. for 625RNF-2 and -4.

** L913-1 for 625RNF-2 and -4; L913-2 for 625RNF-1, -3 and -5.

ROAM 'n FOAM "BLASTER" MODELS 626RNF, 626RNF-1, 626RNFE, 626RNFE-1, 626RNFBAE-2, 626RNFBAE-3



ITEM NO.	QTY.	DEMA NO.	DESCRIPTION	MATERIAL
1	1	63-162-1	Base	POLYPROPYLENE
2	1	98-7-1	Nut, Enclosing Tube Retaining	POLYPROPYLENE
3	1	63-35	Magnet	NEODYMIUM
4	1	35-39	Spring	STNLS. STL
5	1	35-47	Magnet Holder	POLYPROPYLENE
6	1	41-7-25	Enclosing Tube	STNLS. STL
7	1	98-41-1	Kickoff Spring	STNLS. STL
8	1	98-24-1	Plunger	STNLS. STL
9	1	41-15-10	1 1/16" Diaphragm	EDPM
10	1	44-127-8	3/8" NPT x 1/8" NPT Bushing	BRASS
11	*	63-79	Inlet Barb	POLYPROPYLENE
12	*	63-78	O-Ring	EPDM
13	1	57-10-105-4	2 Port Seal	EPDM
		57-10-105-5	2 Port Seal	VITON
14	1	88-5-2	Check Valve Assembly	PVC
15	1	100-38	Strainer Washer	BUNA\STNLS.STL.
16	2	44-116-5	#8 HiLo Screw	STNLS. STL
17	1	20-1-10RF 20-1-11RF 20-1-12RF	Injector 2.1 GPM Injector 2.7 GPM Injector 3.3 GPM	POLYPROPYLENE
18	1	25-29	O-Ring	EPDM
19	1	26-18	O-Ring	EPDM
20	1	65-10	Coupling	BRASS
21	1	44-108-1	Hose Fitting	BRASS
22	1	63-163-1	Front Cover	POLYPROPYLENE
23	1	L915	Label	MYLAR
24	1	63-164-1	Selector Knob	POLYPROPYLENE
26	1	619-15	O-Ring	EPDM
27	1	35-48-1	Valve Body	POLYPROPYLENE
28	1	**	Label	MYLAR
29	1	35-23-1	1/8" NPT Pipe Nipple	BRASS
30	1	58-98-2	1/8" NPT Pipe Coupling	
31	1	93-15-1	Pressure Gage	
32	1	16-11	1/4" NPT Ball Valve	BRASS
33	1	93-2	Pressure Gage	
34	1	25-137-1	1/4" NPT Pipe Nipple	BRASS
35	1	93-1	Pressure Regulator	
45	1	***	Foam Generator Assembly	
46	1	98-25-1	Repair Kit	VARIOUS

* For 626RNF-1, 626RNFE-1, 626RNFBAE-3 and 2 ea. for 626RNF, 626RNFE, and 626RNFBAE.2

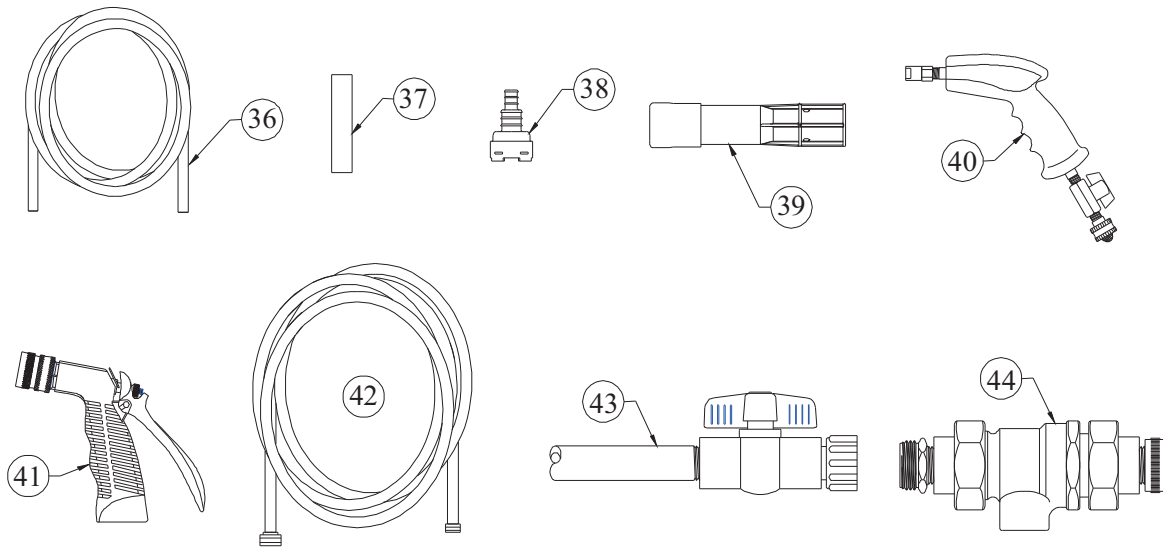
** L980-1 for 626RNF, -2, -3, -4, -5 and 626RNFE

L980-2 for 626RNF-1 and 626RNFE-1

*** 93-26-5 for 625RNF, 625RNF-1, -2, -3, -4, -5

93-26-5E for 625RNF, 625RNFE-1, 625RNFBAE-2, -3

ROAM 'n FOAM “BLASTER” MODELS
626RNF, 626RNF-1, 626RNFE, 626RNFE-1, 626RNFBAE-2, 626RNFBAE-3



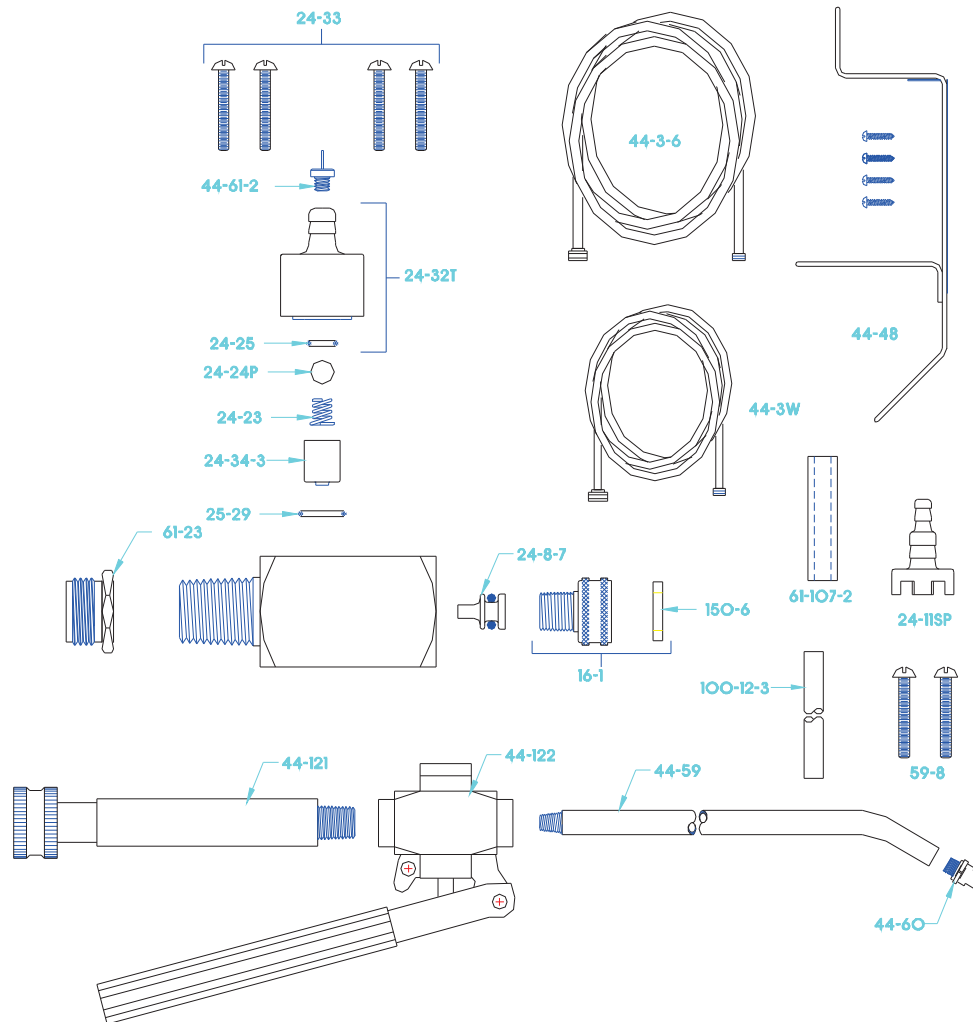
ITEM N0.	DEMA NO.	DESCRIPTION	MATERIAL
36	100-12	Vinyl Tubing ¼”i.d. x 8’lg	Vinyl
37	61-107-2	Ceramic Weight ¼”i.d.	Ceramic
38	100-16E	Foot Valve Assembly	Polypropylene & E.P.

OPTIONAL ACCESSORIES

ITEM N0.	DEMA NO.	DESCRIPTION	MATERIAL
39	292QD 292GQD	Wand (for 1/4 turn valve gun #40) Wand (for trigger handle gun #41)	Polypropylene Polypropylene
40	40-14QD	Spray gun (Blue Handle) (1/4 turn valve gun)	Stainless Steel With Insulated Rubber Handle
41	28-1QD	Spray gun w/ Quick Disconnect (trigger handle gun)	Metal and Plastic With Insulated Rubber Handle
42	93-14	¾” I.D. x 25’ lg. outlet hose	Black Rubber
43	93-18-3	Plastic Foam Wand	PVC
44	44-89-112	Backflow Assy. w/ Garden Hose Fittings	Brass

DEMA MODEL 241-202C

SPRAY CLEAN

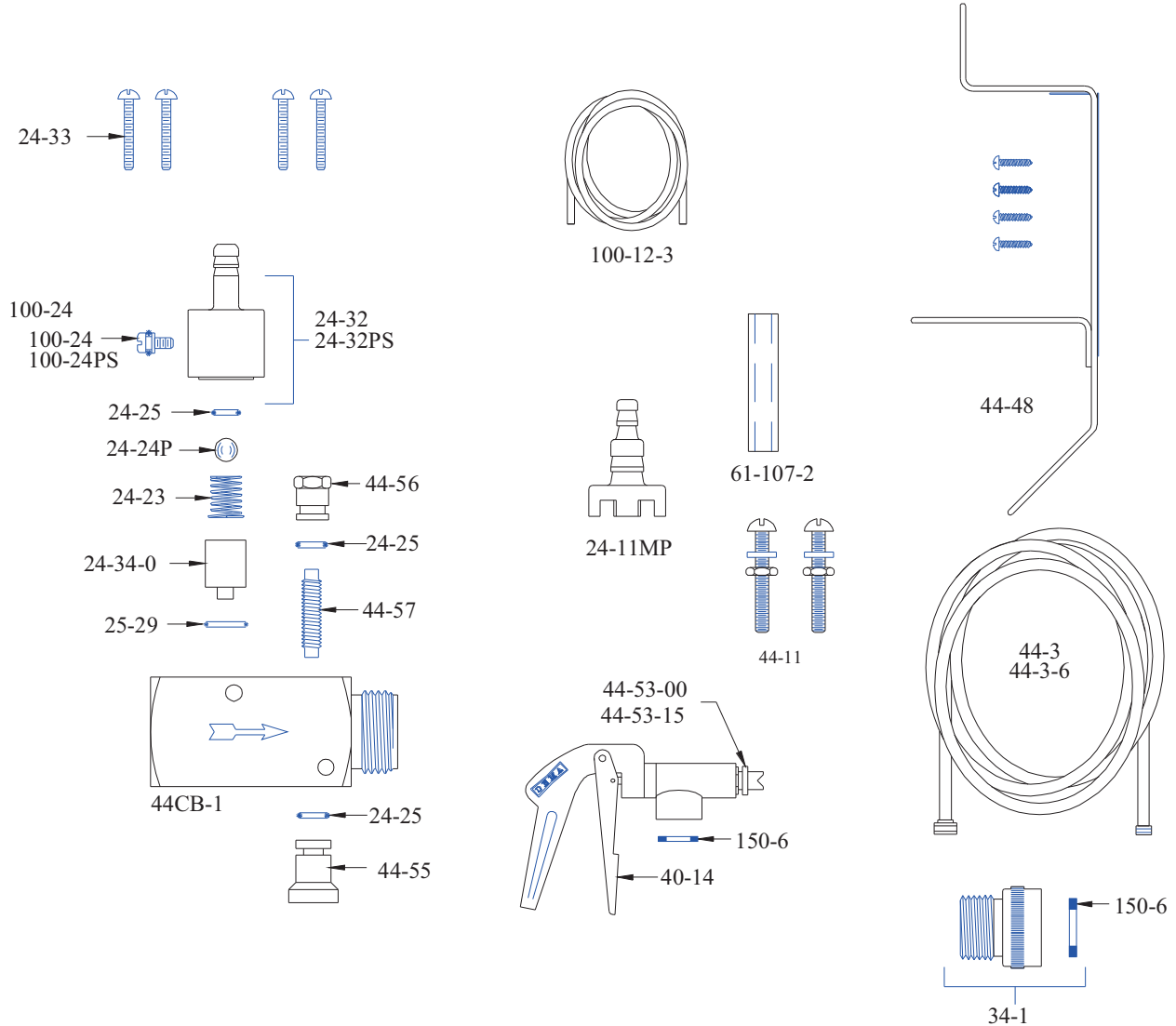


PART NO.	DESCRIPTION
16-1	HOSE SWIVEL ADAPTER W/ WASHER
24-8-7	WATER NOZZLE & O-RING ASSY
24-11SP	FOOT STRAINER
24-23	CHECK VALVE SPRING
24-24P	CHECK VALVE BALL
24-25	CHECK VALVE O-RING
24-32T	METERING KNOB ASSY.
24-33	SCREW #8-32 X 7/8 LG. (4-REQD.)
24-34-3	CHECK VALVE CORE
25-29	METERING KNOB O-RING
44-3W	25' WHITE HOSE
44-3-6	6' OF 1/2" I.D. HIGH PRESSURE HOSE

PART NO.	DESCRIPTION
44-48	BOTTLE HOLDER & HOSE RACK
44-59	WAND
44-60	SPRAY NOZZLE
44-61-2	METERING TIP ASSY.
44-121	HANDLE
44-122	SPRAY GUN
59-8	INJECTOR MOUNTING SCREWS
61-23	GARDEN HOSE ADAPTER
61-107-2	CERAMIC WEIGHT
100-12-3	16" VINYL TUBING
150-6	RUBBER WASHER

MODEL 241BC & 241BCP

WALL MOUNTED SPRAY CLEAN

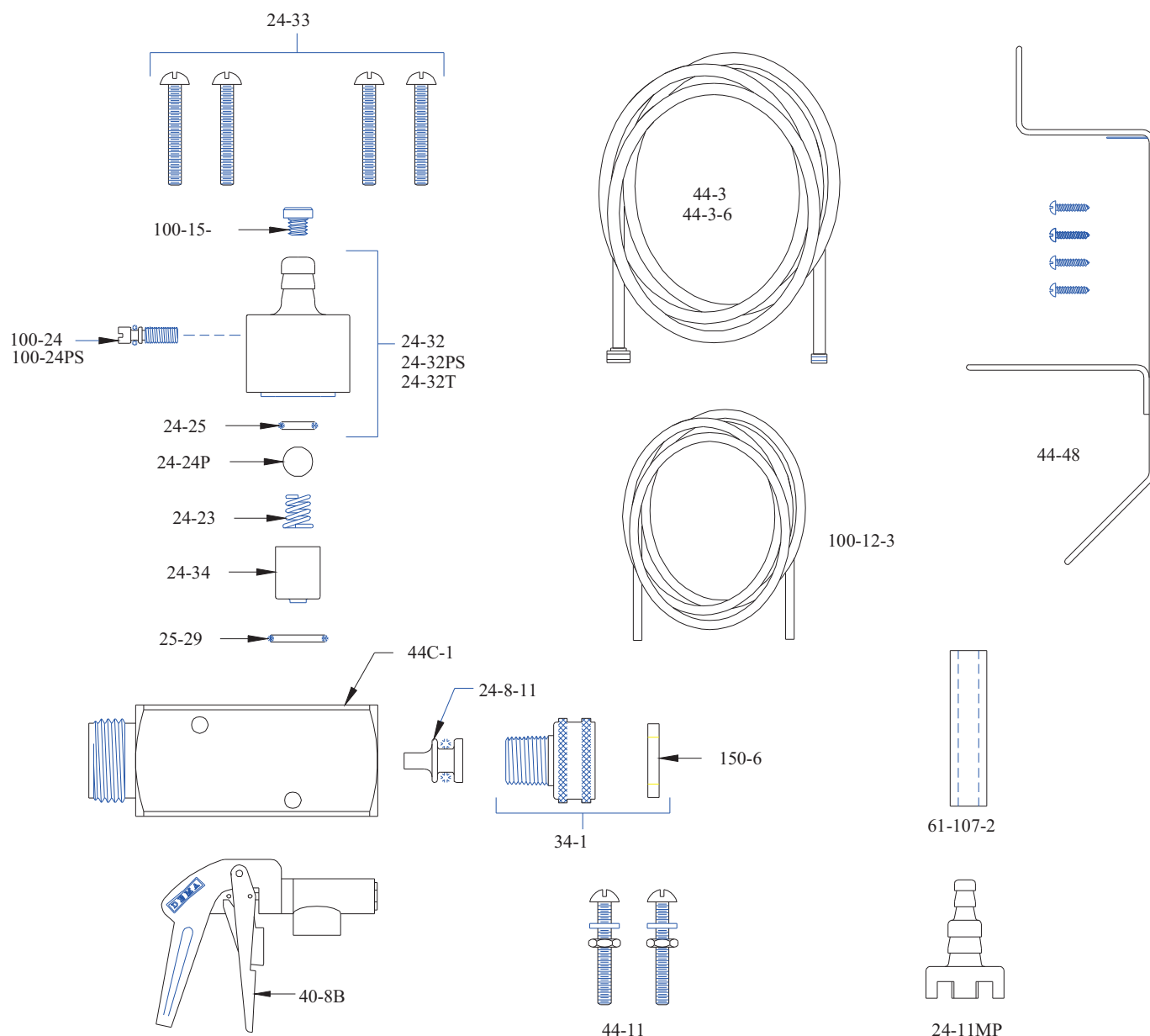


PART NO.	DESCRIPTION
24-11MP	FOOT STRAINER
24-23	CHECK VALVE SPRING
24-24P	CHECK VALVE BALL
24-25	CHECK VALVE O-RING
24-32	METERING KNOB ASSEMBLY (MODEL 241BC)
24-32PS	METERING KNOB ASSEMBLY (MODEL 241BCP)
24-33	SCREW - 4 REQ'D
24-34-0	CHECK VALVE CORE
25-29	METERING KNOB O-RING
34-1	PIPE TO HOSE INLET ADAPTER W/ WASHER
40-14	SPRAY GUN
44-3	25 FEET OF 1/2" HIGH PRESSURE HOSE
44-3-6	6 FEET OF 1/2" HIGH PRESSURE HOSE
44-11	INJECTOR MOUNTING SCREWS W/ NUTS AND WASHERS
44-48	BOTTLE HOLDER AND HOSE RACK WITH MOUNTING SCREWS

PART NO.	DESCRIPTION
44-53-00	SPRAY NOZZLE (0°) 4 GPM
44-53-15	SPRAY NOZZLE (15°) 4 GPM
44-55	BY-PASS VALVE (BOTTOM)
44-56	BY-PASS VALVE (TOP)
44-57	CONNECTING STUD
44CB-1	BODY ASSEMBLY (INCLUDES METERING KNOB AND CHECK VALVE PARTS)
61-107-2	CERAMIC WEIGHT (FOR 1/4" TUBE)
100-12-3	16" OF 3/8" O.D. PLASTIC TUBING (MODEL 241)
100-24	METERING SCREW W/ O-RING (MODEL 241BC)
100-24PS	METERING SCREW W/ O-RING (MODEL 241BCP)
150-6	RUBBER WASHER

WALL MOUNTED SPRAY CLEAN

MODELS: 241C, 241CP, 241CT



PART NO.	DESCRIPTION
24-8-11	WATER NOZZLE
24-11MP	FOOT STRAINER
24-23	CHECK VALVE SPRING
24-24P	CHECK VALVE BALL
24-25	CHECK VALVE O-RING
24-32	METERING KNOB ASSY. (MODEL 241C)
24-32PS	METERING KNOB ASSY. (MODEL 241CP)
24-32T	METERING KNOB ASSY. (MODEL 241CT)
24-33	SCREW #8-32 X 7/8 LG. (4-REQD.)
24-34	CHECK VALVE CORE (SPECIFY MODEL NO.)
25-29	METERING KNOB O-RING
34-1	HOSE SWIVEL ADAPTER W/ WASHER

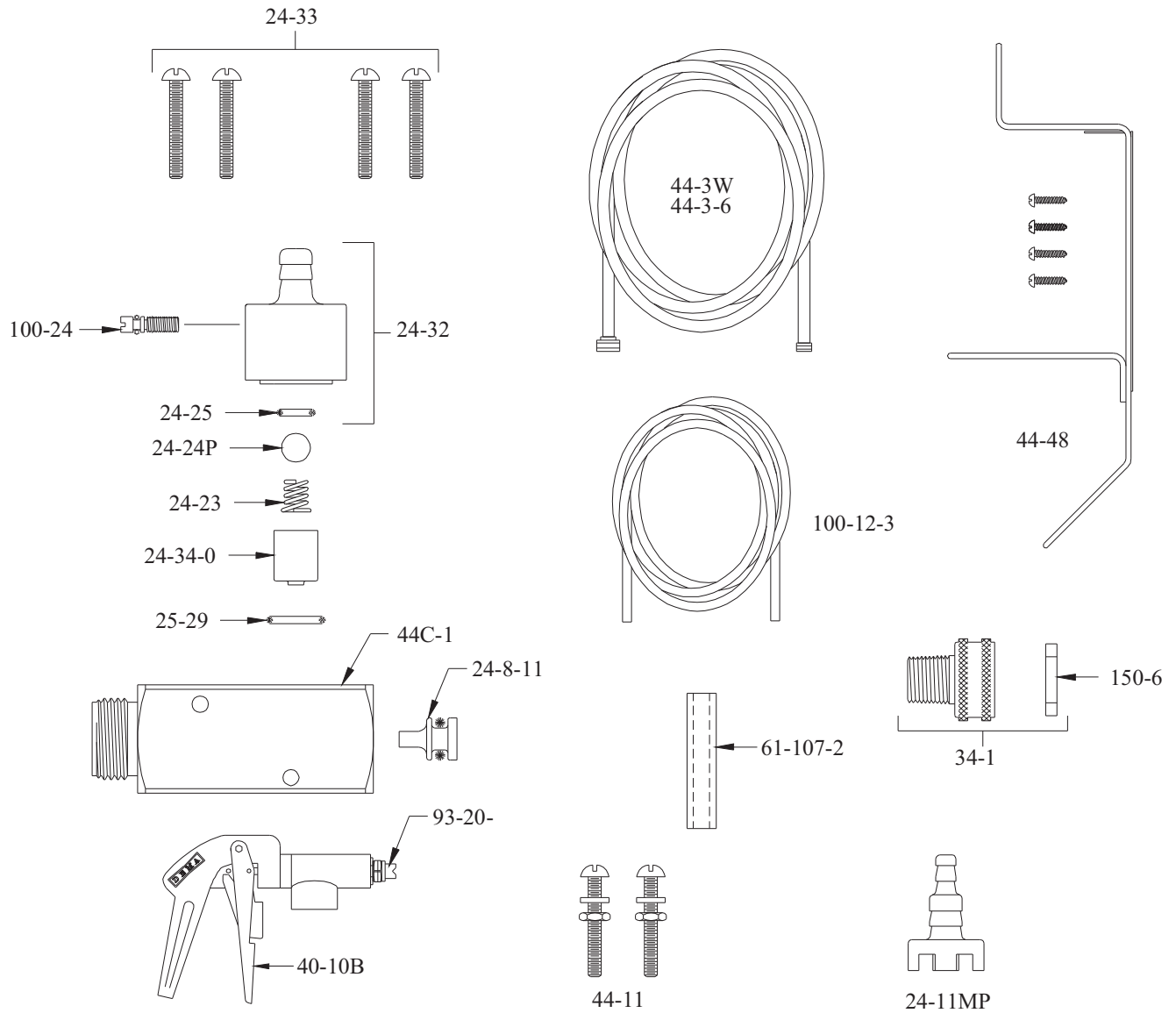
PART NO.	DESCRIPTION
40-8B	SPRAY GUN
44-3	25' OF 1/2" I.D. HIGH PRESSURE HOSE
44-11	INJECTOR MOUNTING SCREWS
44-48	BOTTLE HOLDER & HOSE RACK WITH MOUNTING SCREWS
44C-1	BODY ASSEMBLY
61-107-2	CERAMIC WEIGHT (FOR 1/4" I.D. TUBE)
100-12-3	16" OF 3/8" O.D. VINYL TUBING
100-24	METERING SCREW W/ O-RING (MODEL 241C)
100-24PS	METERING SCREW W/ O-RING (MODEL 241CP)

ACCESSORIES

44-3-6	6' OF 1/2" I.D. HIGH PRESSURE HOSE
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DEMA MODEL 241C-D

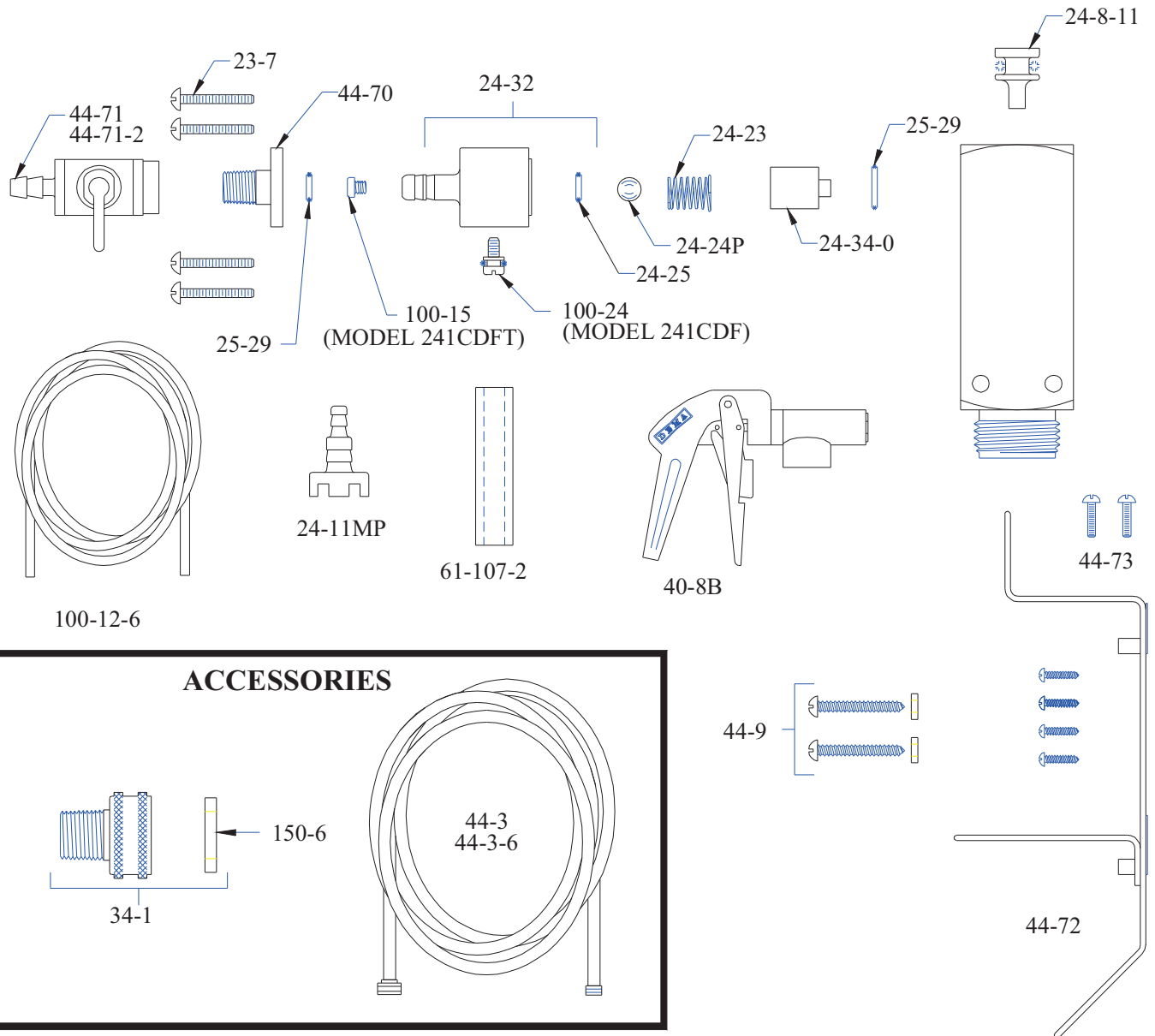
WALL MOUNTED SPRAY CLEAN



PART NO.	DESCRIPTION	PART NO.	DESCRIPTION
24-8-11	WATER NOZZLE	40-10B	SPRAY GUN
24-11MP	FOOT STRAINER	44-3W	25' OF 1/2" I.D. HIGH PRESSURE HOSE (WHITE)
24-23	CHECK VALVE SPRING	44-3-6	6' OF 1/2" I.D. HIGH PRESSURE HOSE
24-24P	CHECK VALVE BALL	44-11	INJECTOR MOUNTING SCREWS
24-25	CHECK VALVE O-RING	44-48	BOTTLE HOLDER & HOSE RACK
24-32	METERING KNOB ASSY.	44C-1	BODY ASSEMBLY
24-33	SCREW #8-32 X 7/8 LG. (4-REQD.)	61-107-2	CERAMIC WEIGHT (1/4" I.D TUBE)
24-34-	CHECK VALVE CORE (SPECIFY MODEL NO.)	93-20-	NOZZLE 5 GPM (SPECIFY ANGLE)
25-29	METERING KNOB O-RING	100-12-3	16" OF 7/32" I.D. VINYL TUBING
34-1	HOSE SWIVEL ADAPTER W/ WASHER	100-24	METERING SCREW W/ O-RING

DEMA SPRAY CLEAN

MODELS: 241CDF & 241CDFS



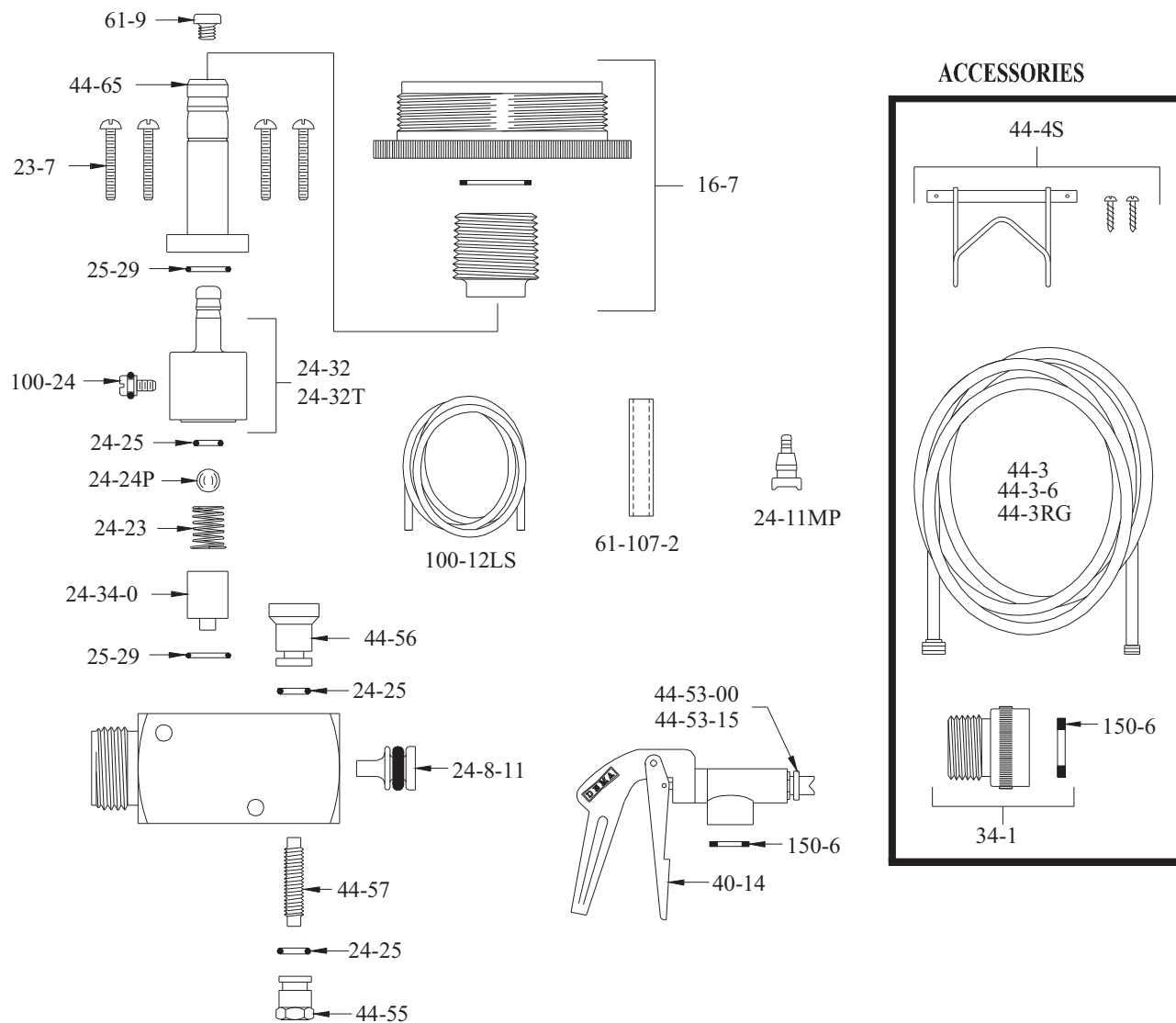
PART NO.	DESCRIPTION
23-7	SCREW 8-32 X 1 LG. (4-REQD)
24-8-11	WATER NOZZLE
24-11MP	FOOT STRAINER
24-23	CHECK VALVE SPRING
24-24P	CHECK VALVE BALL
24-25	CHECK VALVE O-RING
24-32	METERING KNOB ASSEMBLY
24-34-0	CHECK VALVE CORE
25-29	METERING KNOB O-RING
40-8B	SPRAY GUN
44-9	SET OF TWO MOUNTING SCREWS W/ SPACERS
44-70	PIPE NIPPLE FITTING
44-71	BALL VALVE (POLYPROPYLENE)

PART NO.	DESCRIPTION
44-71-2	BALL VALVE (OPTIONAL BRASS)
44-72	BOTTLE HOLDER W/ MOUNTING SCREWS (4 REQ'D)
44-73	SCREW 1/4-20 X 1/2 LG (2-REQD)
61-107-2	CERAMIC WEIGHT
100-12-6	18" OF 7/32" I.D. VINYL TUBING
100-15	METERING TIP (SPECIFY COLOR)
100-24	METERING SCREW W/ O-RING

ACCESSORIES	
34-1	HOSE INLET ADAPTER W/ WASHER
44-3	25 FEET OF 1/2" HIGH PRESSURE HOSE
44-3-6	6 FEET OF 1/2" HIGH PRESSURE HOSE
150-6	GARDEN HOSE RUBBER WASHER

DEMA SPRAY CLEAN

MODELS: 244BCDM, 244BCDMT

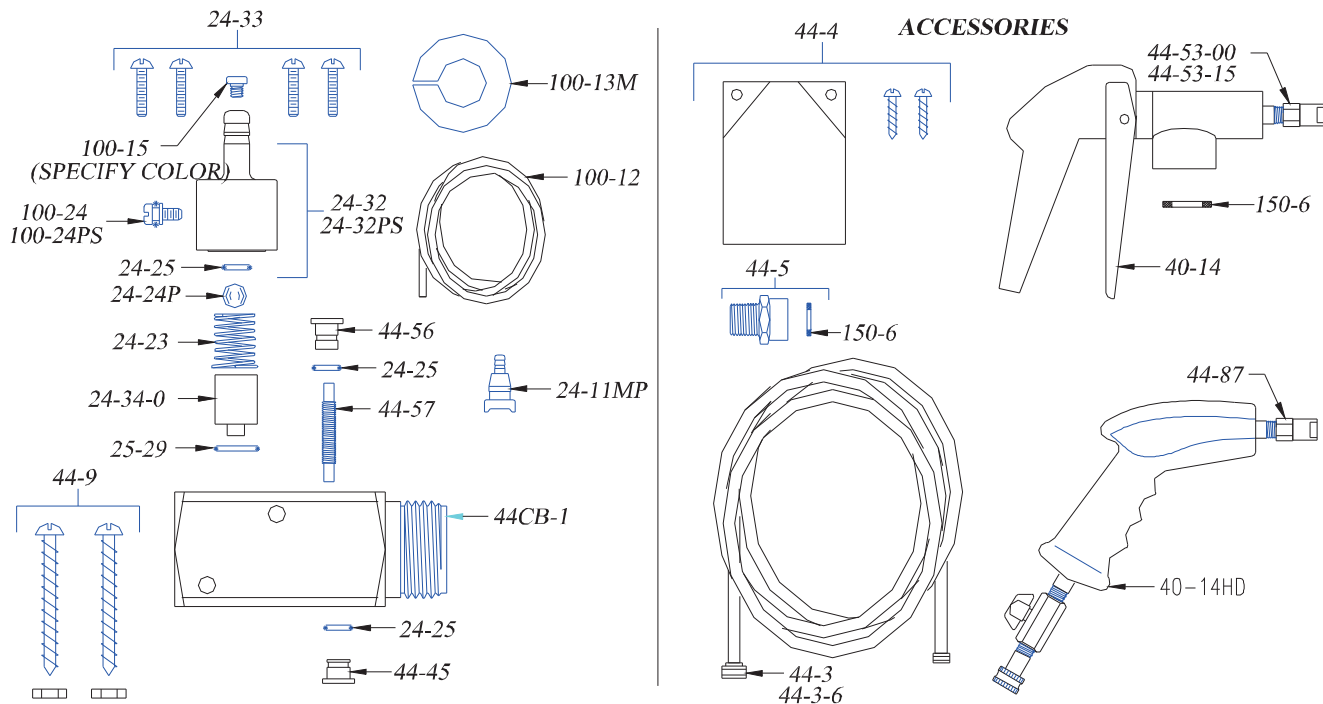


PART NO.	DESCRIPTION
16-7	BUNG ASSEMBLY
23-7	SCREW - 4 REQ'D.
24-8-11	WATER NOZZLE
24-11MP	FOOT STRAINER
24-23	CHECK VALVE SPRING
24-24P	CHECK VALVE BALL
24-25	CHECK VALVE O-RING
24-32	METERING KNOB ASSEMBLY (MODEL 244BCDM)
24-32T	METERING KNOB ASSEMBLY (MODEL 244BCDMT)
24-34-0	CHECK VALVE CORE
25-29	METERING KNOB O-RING (2 REQ'D)
40-14	SPRAY GUN
44-53-00	SPRAY NOZZLE (0°) 4 GPM
44-53-05	SPRAY NOZZLE (15°) 4 GPM
44-55	BY-PASS VALVE (BOTTOM)

PART NO.	DESCRIPTION
44-56	BY-PASS VALVE (TOP)
44-57	CONNECTING STUD
44-65	DRUM NIPPLE
61-107-2	CERAMIC WEIGHT
61-9	METERING TIP-SPECIFY SIZE (MODEL 244CDMT)
100-12LS	3 1/2 FEET OF 3/8" I.D. VINYL TUBING
100-24	METERING SCREW W/ O-RING (MODEL 244CDM)
150-6	RUBBER WASHER

ACCESSORIES	
34-1	PIPE TO HOSE INLET ADAPTER W/ WASHER
44-3	25 FEET OF 1/2" HIGH PRESSURE HOSE
44-3-6	6 FEET OF 1/2" HIGH PRESSURE HOSE
44-4S	HOSE BRACKET W/ MOUNTING SCREWS
44-3RG	25' X 1/2" RED HOSE W/ POLY GUARDS

SPRAY CLEAN MODEL 61-73

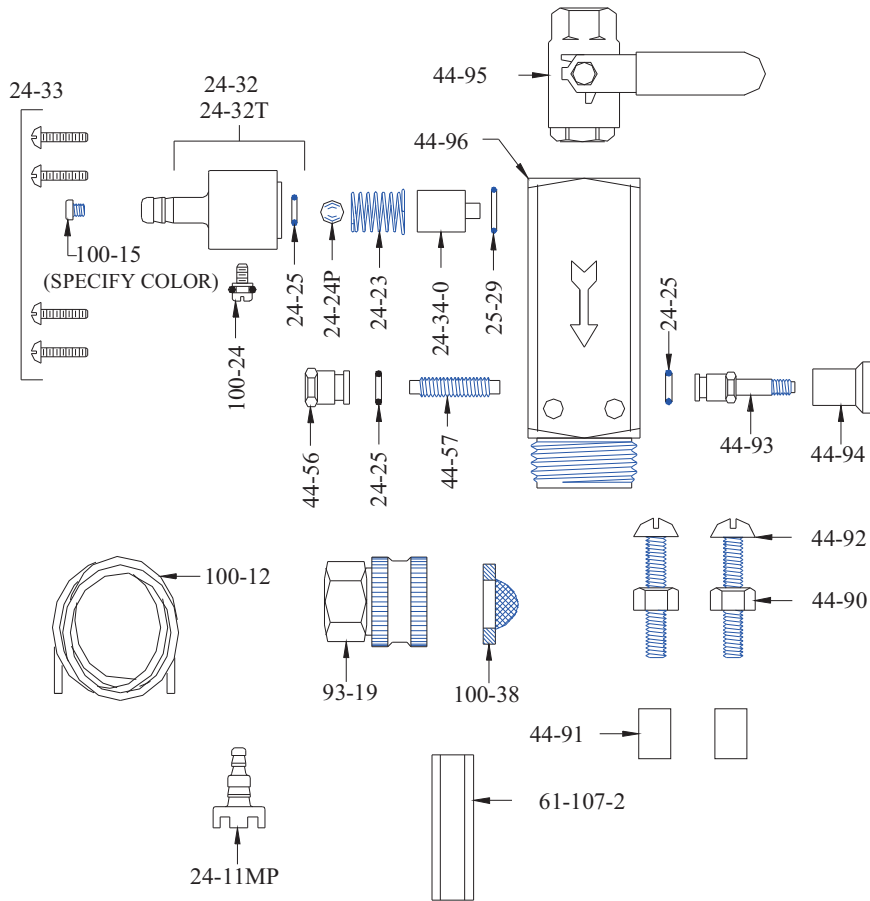


24-11MP	FOOT STRAINER
24-23	CHECK VALVE SPRING
24-24P	CHECK VALVE BALL
24-25	O-RING
24-32	METERING KNOB ASSEMBLY (MODEL 244BC)
24-32PS	METERING KNOB ASSEMBLY (MODEL 244BCP)
24-33	SCREW - 4 REQ'D.
24-34-0	CHECK VALVE CORE
25-29	METERING KNOB O-RING
44-9	SET OF TWO MOUNTING SCREWS W/ SPACERS
44-55	BYPASS VALVE BOTTOM
44-56	BYPASS VALVE TOP
44-57	CONNECTING STUD
44-87	SPRAY NOZZLE, (4-GPM)
44CB-1	BODY ASSEMBLY (INCLUDES METERING KNOB & CHECK VALVE PARTS)
100-12	8 FEET OF 3/8" O.D. PLASTIC TUBING
100-13M	DRUM PROTECTOR DISC
100-24	METERING SCREW W/ O-RING (MODEL 244BC)
100-24PS	METERING SCREW W/ O-RING (MODEL 244BCP)
100-15	METERING TIP (SPECIFY COLOR)

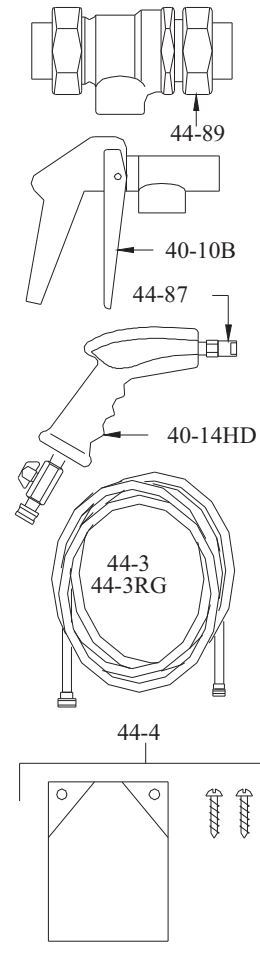
ACCESSORIES

40-14	SPRAY GUN
40-14HD	HEAVY DUTY SPRAY GUN W/ 4 GPM NOZZLE
44-3	25 FEET OF 1/2" HIGH PRESSURE HOSE
44-3-6	6 FEET OF 1/2" HIGH PRESSURE HOSE
44-4	HOSE BRACKET W/ MOUNTING SCREWS
44-5	PIPE TO HOSE INLET ADAPTOR W/ WASHER
44-53-00	NOZZLE, 0° SPRAY ANGLE (4-GPM)
44-53-15	NOZZLE, 15° SPRAY ANGLE (4-GPM)
150-6	GARDEN HOSE RUBBER WASHER

MODEL 644B & 644BT



ACCESSORIES

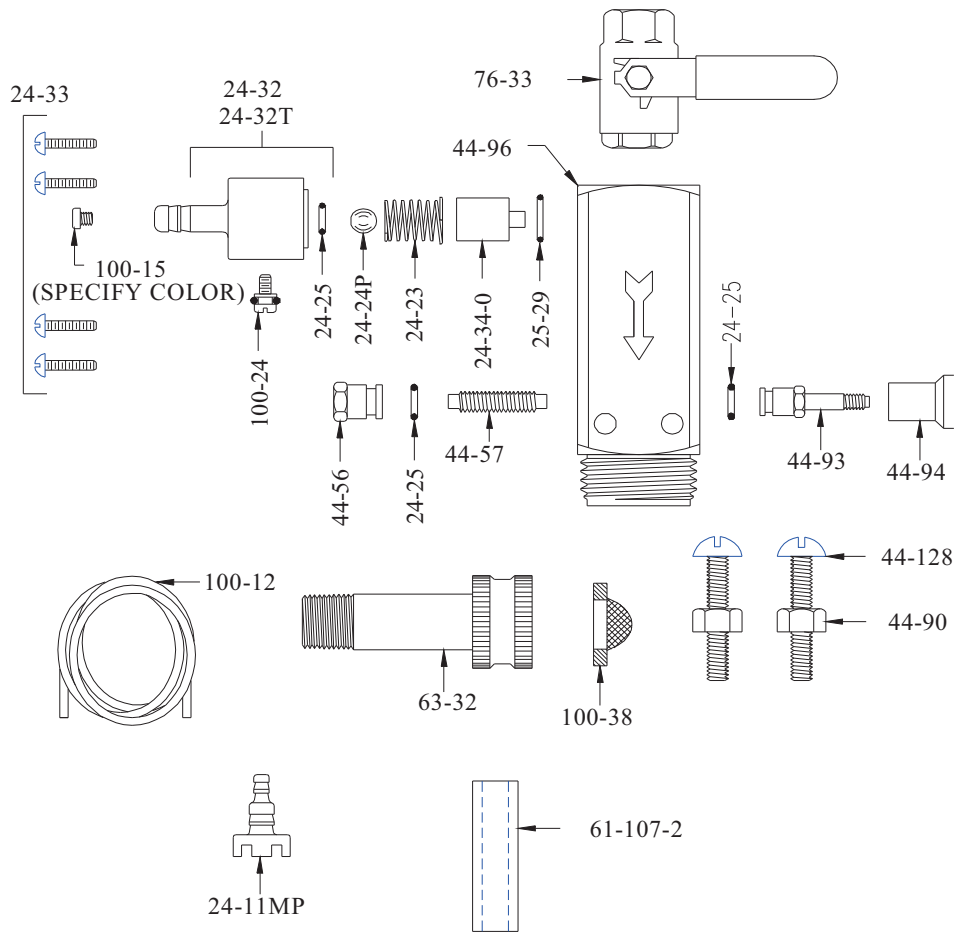


PART NO.	DESCRIPTION
24-11MP	FOOT STRAINER
24-23	CHECK VALVE SPRING
24-24P	CHECK VALVE BALL
24-25	O-RING
24-32	METERING KNOB W/ O-RING (MODEL 644B)
24-32T	METERING KNOB W/ O-RING (MODEL 644BT)
24-33	METERING KNOB SCREWS (4)
24-34-0	METERING KNOB CORE
25-29	O-RING
44-56	BYPASS VALVE TOP
44-57	CONNECTING STUD
44-90	MOUNTING NUTS, #10-24 (2)
44-91	SPACER (2)
44-92	MOUNTING SCREWS, #10-24 (2)
44-93	BYPASS VALVE BOTTOM
44-94	BYPASS VALVE KNOB
44-95	BALL VALVE
44-96	INJECTOR BODY
61-107-2	CERAMIC WEIGHT
93-19	SWIVEL ADAPTER (GHT-1/2 NPT)
100-12	VINYL TUBING
100-15	METERING TIP (SPECIFY COLOR)
100-24	METERING SCREW W/ O-RING (MODEL 644B)
100-38	STRAINER WASHER

ACCESSORIES

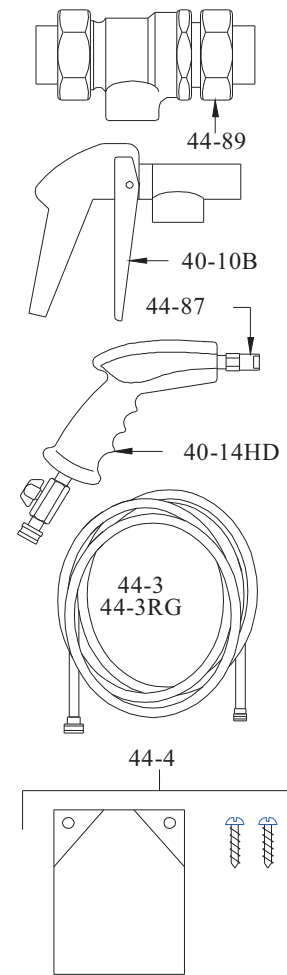
PART NO.	DESCRIPTION
40-14HD	HEAVY DUTY SPRAY GUN
40-10B	VARIABLE POSITION GUN
44-3	BLACK HOSE 1/2 ID X 25' LG
44-3RG	RED HOSE 1/2 ID X 25' LG W/ SPRING GUARDS EA. END
44-4	HOSE BRACKET
44-87	4 GPM SPRAY NOZZLE
44-89	CONSTANT PRESSURE BACK-FLOW PREVENTER, 1/2 NPT

MODEL 644BC, BCE & 644BCT



PART NO.	DESCRIPTION
24-11MP	FOOT STRAINER
24-23	CHECK VALVE SPRING
24-24P	CHECK VALVE BALL
24-25	O-RING
24-32	METERING KNOB W/ O-RING (MODEL 644B,BE)
24-32T	METERING KNOB W/ O-RING (MODEL 644BT)
24-33	METERING KNOB SCREWS (4)
24-34-0	METERING KNOB CORE
25-29	O-RING
44-56	BYPASS VALVE TOP
44-57	CONNECTING STUD
44-90	NUTS, #10-24 (2)
44-93	BYPASS VALVE BOTTOM
44-94	BYPASS VALVE KNOB
44-96	INJECTOR BODY
44-128	SCREWS, #10-24 (2)
63-32	SWIVEL ADAPTER (GHT-3/8 NPT)
76-33	BALL VALVE
61-107-2	CERAMIC WEIGHT
100-12	VINYL TUBING
100-15	METERING TIP (SPECIFY COLOR)
100-24	METERING SCREW W/ O-RING (MODEL 644B, BE)
100-38	STRAINER WASHER

ACCESSORIES

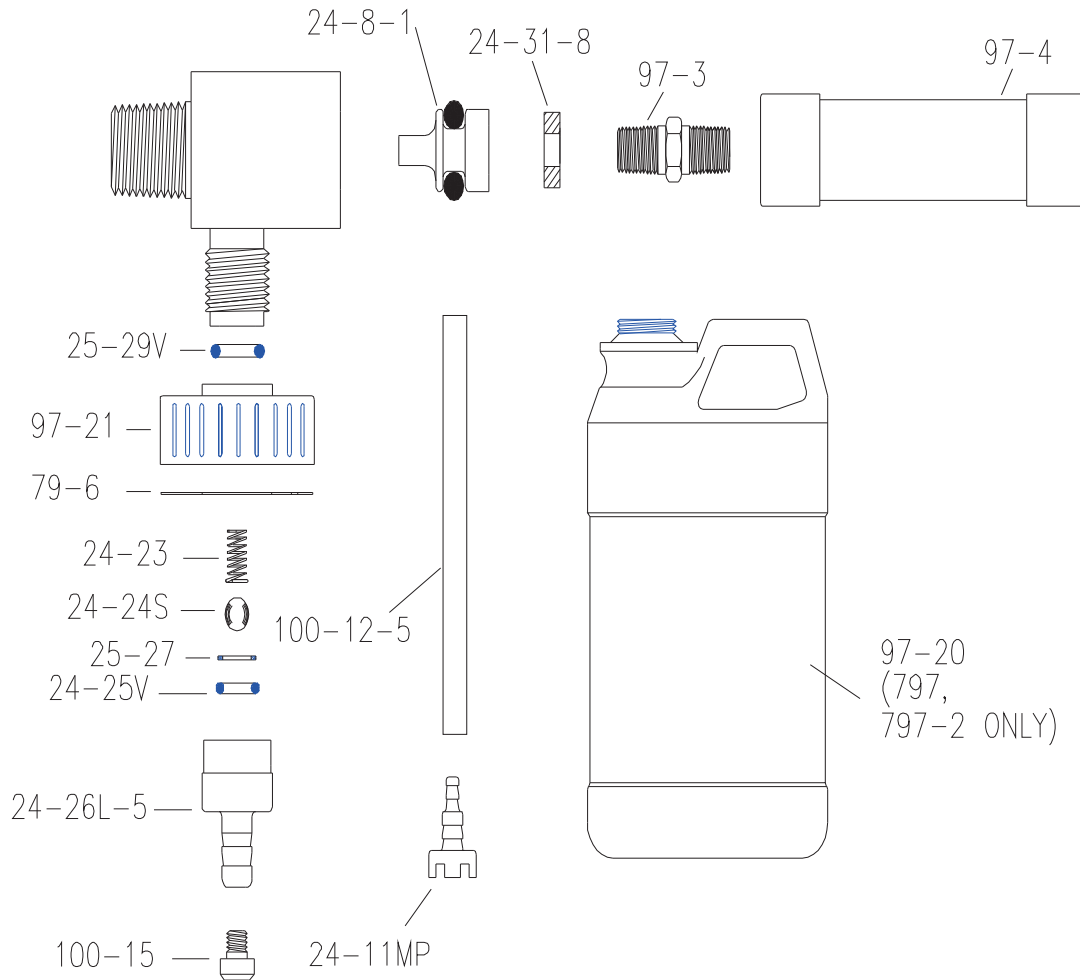


ACCESSORIES

PART NO.	DESCRIPTION
40-14HD	HEAVY DUTY SPRAY GUN
40-10B	VARIABLE POSITION GUN
44-3	BLACK HOSE 1/2 ID X 25' LG
44-3RG	RED HOSE 1/2 ID X 25' LG W/ SPRING GUARDS EA. END
44-4	HOSE BRACKET
44-87	4 GPM SPRAY NOZZLE
44-89	CONSTANT PRESSURE BACK- FLOW PREVENTER, 1/2 NPT
100-15K	METERING TIP KIT

DEMA MODEL SPRAYER

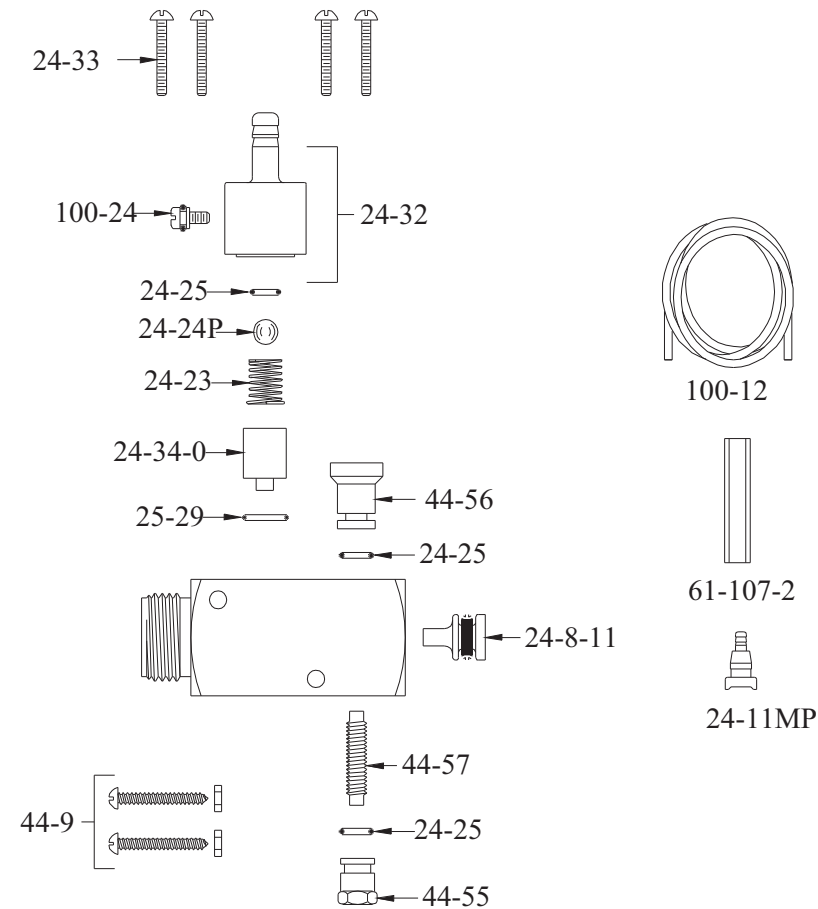
797, 797-2, 797-3, 797-4



PART NO	DESCRIPTION	PART NO	DESCRIPTION
24-8-1	NOZZLE WITH O-RING	25-29V	O-RING (797-4 ONLY)
24-11MP	FOOT STRAINER	79-6	CAP LINER (797-4 ONLY)
24-23	CHECK VALVE SPRING	97-3	INLET ADAPTER
24-24S	CHECK VALVE BALL	97-4	HANDLE ASSEMBLY (797 ONLY)
24-25V	CHECK VALVE O-RING	97-20	PLASTIC BOTTLE 5 QUART
24-26L-5	METERING KNOB	97-21	BOTTLE CAP
24-31-8	BACK UP WASHER	100-12-5	VINYL TUBING 8-1/2" LONG
25-27	SPACER	100-15	METERING TIP (SPECIFY SIZE)

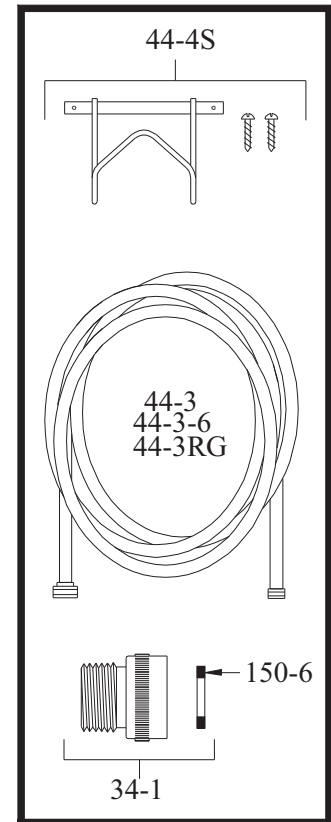
DEMA SPRAY CLEAN

MODELS: 244BC-1, 244BC-2, 244BC-3, & 244BCE-3



FOR MODEL 244BC ONLY

ACCESSORIES



PART NO.	DESCRIPTION
24-8-11	WATER NOZZLE
24-11MP	FOOT STRAINER
24-23	CHECK VALVE SPRING
24-24P	CHECK VALVE BALL
24-25	CHECK VALVE O-RING
24-32	METERING KNOB ASSEMBLY
24-33	SCREW - 4 REQ'D.
24-34-0	CHECK VALVE CORE
25-29	METERING KNOB O-RING
44-9	SET OF TWO MOUNTING SCREWS W/ SPACERS
44-55	BY-PASS VALVE (BOTTOM)
44-56	BY-PASS VALVE (TOP)

PART NO.	DESCRIPTION
44-57	CONNECTING STUD
61-107-2	CERAMIC WEIGHT
100-12	8 FEET OF 7/32" I.D. PVC TUBING
100-24	METERING SCREW W/ O-RING

ACCESSORIES

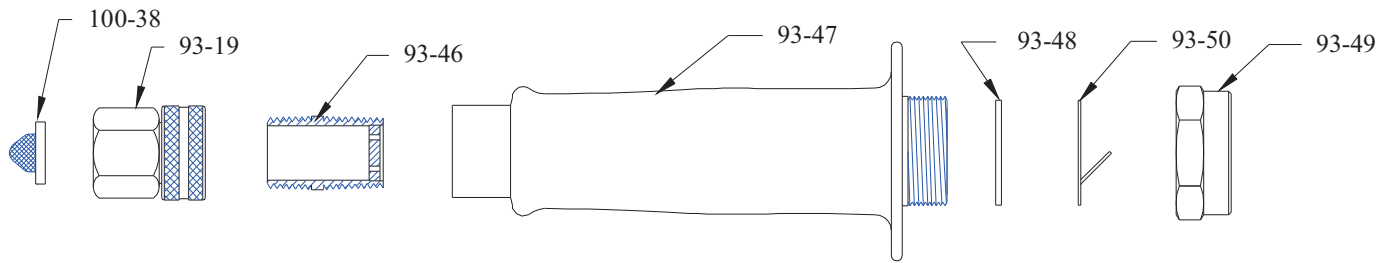
34-1	PIPE TO HOSE INLET ADAPTER W/ WASHER
44-3	25 FEET OF 1/2" HIGH PRESSURE HOSE
44-3-6	6 FEET OF 1/2" HIGH PRESSURE HOSE
44-4S	HOSE BRACKET W/ MOUNTING SCREWS
44-3RG	25' X 1/2" RED HOSE W/ POLY GUARDS
150-6	RUBBER WASHER

Exploded view diagram of the 797D engine assembly, showing various components and their part numbers:

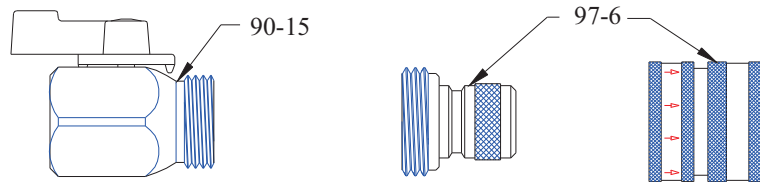
- 23-7
- 24-8-1
- 24-31-8
- 97-3 (FOR 797D ONLY)
- 97-4 (FOR 797D ONLY)
- 26-73
- 25-77V
- 29-7
- 90-42-1
- 26-71
- 26-72-1
- 90-44-1
- 90-46-1 (FOR 797D-1 ONLY)
- 100-12-5 (FOR 797D ONLY)
- 24-11MP (FOR 797D ONLY)
- 97-20 (FOR 797D ONLY)

PART NO	DESCRIPTION
90-42-1	DIAL
90-44-1	BOTTLE CAP
90-45-1	METERING KNOB ASSEMBLY
90-46-1	CAP LINER (FOR 797D-1 ONLY)
90-48-1	SCREEN
90-49-1	CORE & SLEEVE ASSEMBLY
93-45-75	RETAINING RING
97-3	INLET ADAPTER
97-4	HANDLE ASSEMBLY (FOR 797D ONLY)
97-20	5 QUART PLASTIC BOTTLE (797D ONLY)
100-12-5	VINYL TUBE 8-1/2" LG. (FOR 797D ONLY)

MODEL 292B AERATING WAND



ACCESSORIES

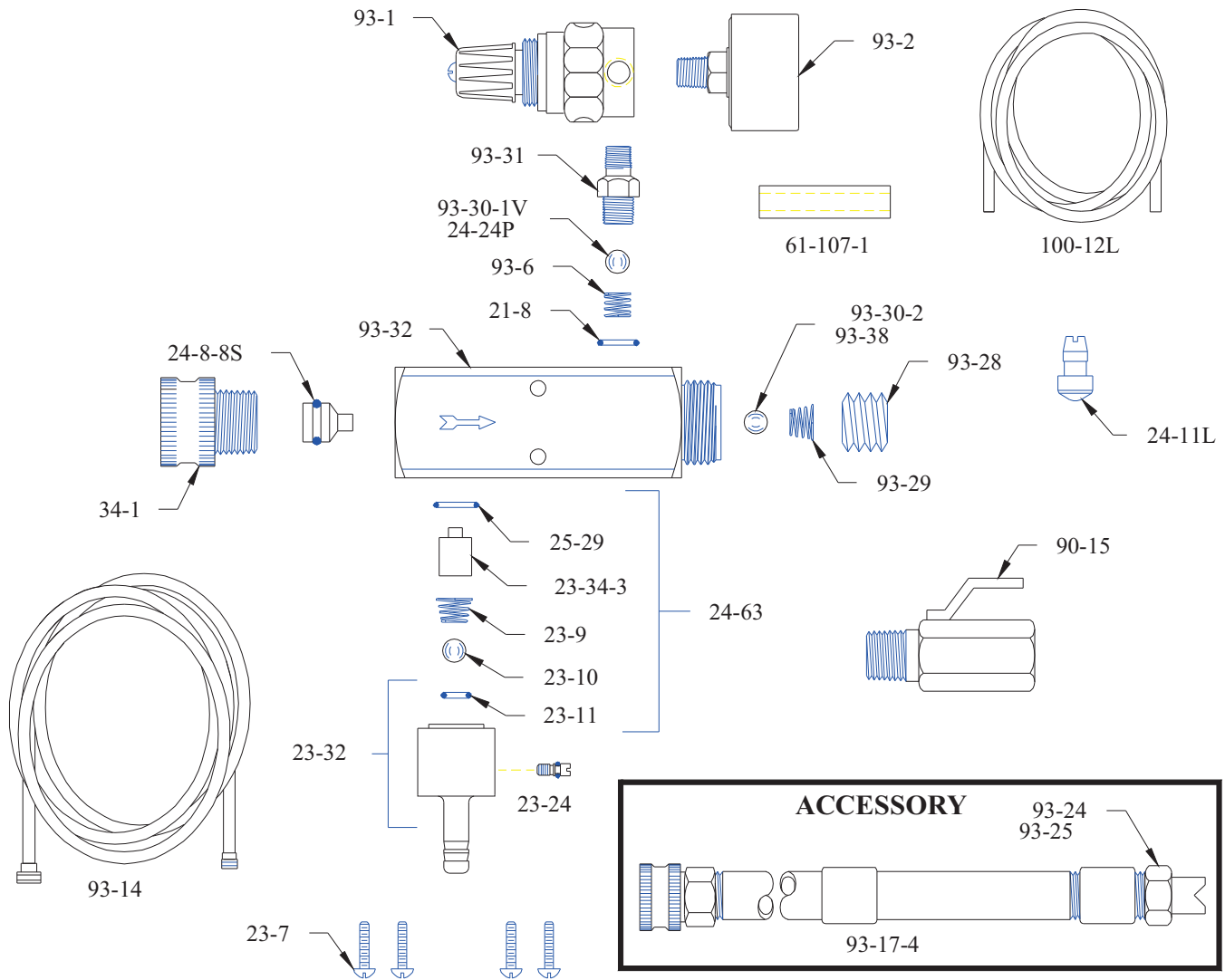


PART NO.	DESCRIPTION
93-19	SWIVEL ADAPTER
93-46	ADAPTER
93-47	WAND ASSEMBLY
93-48	SCREEN
93-49	TUBE LOCKOUT
93-50	DEFLECTOR
100-38	STRAINER WASHER

ACCESSORIES

PART NO.	DESCRIPTION
90-15	BALL VALVE
97-6	QUICK DISCONNECT

SPRAY FOAM-MODEL 294C



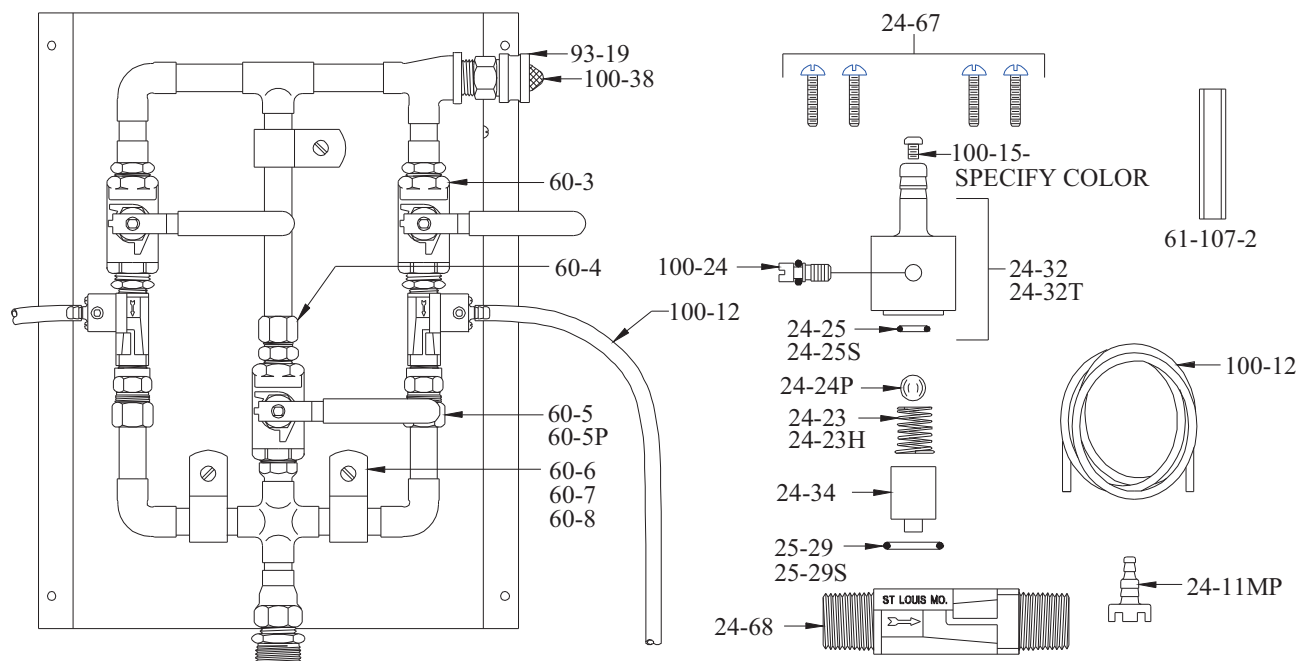
PART NO.	DESCRIPTION
21-8	AIR CHECK VALVE O-RING
23-7	MACHINE SCREW (4 REQD)
23-9	CHECK VALVE SPRING
23-10	CHECK VALVE BALL (9/32 DIA STNLS. STL.)
23-11	CHECK VALVE O-RING
23-24	METERING SCREW W/ O-RING
23-32	METERING KNOB W/ METERING SCREW & O-RING
23-34-3	CHECK VALVE CORE
24-8-8S	WATER NOZZLE W/ O-RING
24-11L	FOOT STRAINER
24-24P	BALL 1/4" TEFLON (294C-SJ3)
24-63	CHECK VALVE REPAIR KIT
25-29	METERING KNOB O-RING
34-1	INLET HOSE ADAPTER
61-107-1	CERAMIC WEIGHT
90-15	OUTLET SHUTOFF VALVE
93-1	PRESSURE REGULATOR
93-2	PRESSURE GAGE

PART NO.	DESCRIPTION
93-6	AIR CHECK VALVE SPRING
93-14	3/4" ID X 25' LG. OUTLET HOSE
93-28	RETAINER SCREW
93-29	SPRING
93-30-1V	BALL 1/4 DIA
93-30-2	BALL 5/16" DIA
93-31	ADAPTER
93-32	FOAMER BODY
93-38	BALL 5/16" STNLS. STL. (294C-SJ3 ONLY)
100-12L	1/2" OD VINYL TUBING X 8' LG.

ACCESSORIES

93-17-4	4' LG. SPRAY WAND W/ SOLID STREAM NOZZLE
93-24	NOZZLE W/ SOLID STREAM (SUPPLIED)
93-25	NOZZLE W/ 40° ANGLE

DEMA MODEL P603 & P603T SELECT-O-MATIC



OPTIONAL ACCESSORIES

PART NO.	DESCRIPTION	PART NO.	DESCRIPTION
24-11MP	FOOT STRAINER	60-8	MOUNTING BRACKET
24-23	CHECK VALVE SPRING	61-107-2	CERAMIC WEIGHT
24-23H	CHECK VALVE SPRING (P603TC ONLY)	93-19	ADAPTOR
24-24P	CHECK VALVE BALL	100-12	VINYL TUBING 1/4ID X 8'LG
24-25	CHECK VALVE O-RING	100-15-	METERING TIP SPECIFY COLOR
24-25S	CHECK VALVE O-RING (P603TC ONLY)	100-24	METERING SCREW
24-32	METERING KNOB	100-38	STRAINER WASHER
24-32T	METERING KNOB	OPTIONAL ACCESSORIES	
24-34	CHECK VALVE CORE	44-3	HOSE (BLACK) 25' X 1/2 ID
24-67	SCREW (1" LG-4 REQD.)	44-3RG	HOSE (RED) SPRING GARD 25' X 1/2 ID
24-68	INJECTOR BODY	44-3W	HOSE (WHITE) 25' X 1/2 ID
25-29	METERING KNOB O-RING	40-8B	SPRAY GUN
25-29S	METERING KNOB O-RING (P603TC ONLY)	40-14	SPRAY GUN
60-3	BALL VALVE	40-14HD	HEAVY DUTY SPRAY GUN
60-4	COMPRESSION FITTING	40-14QD	HEAVY DUTY SPRAY GUN W/ DISC.
60-5	COMPRESSION FITTING	44-89	BACKFLOW PREVENTER(A.S.S.E. 1012)
60-5P	COMPRESSION FITTING	44-109	BACKFLOW PREVENTER(A.S.S.E. 1013)
60-6	SCREW	292B	FOAM WAND
60-7	NUT	292QD	FOAM WAND W/ DISCONNECT

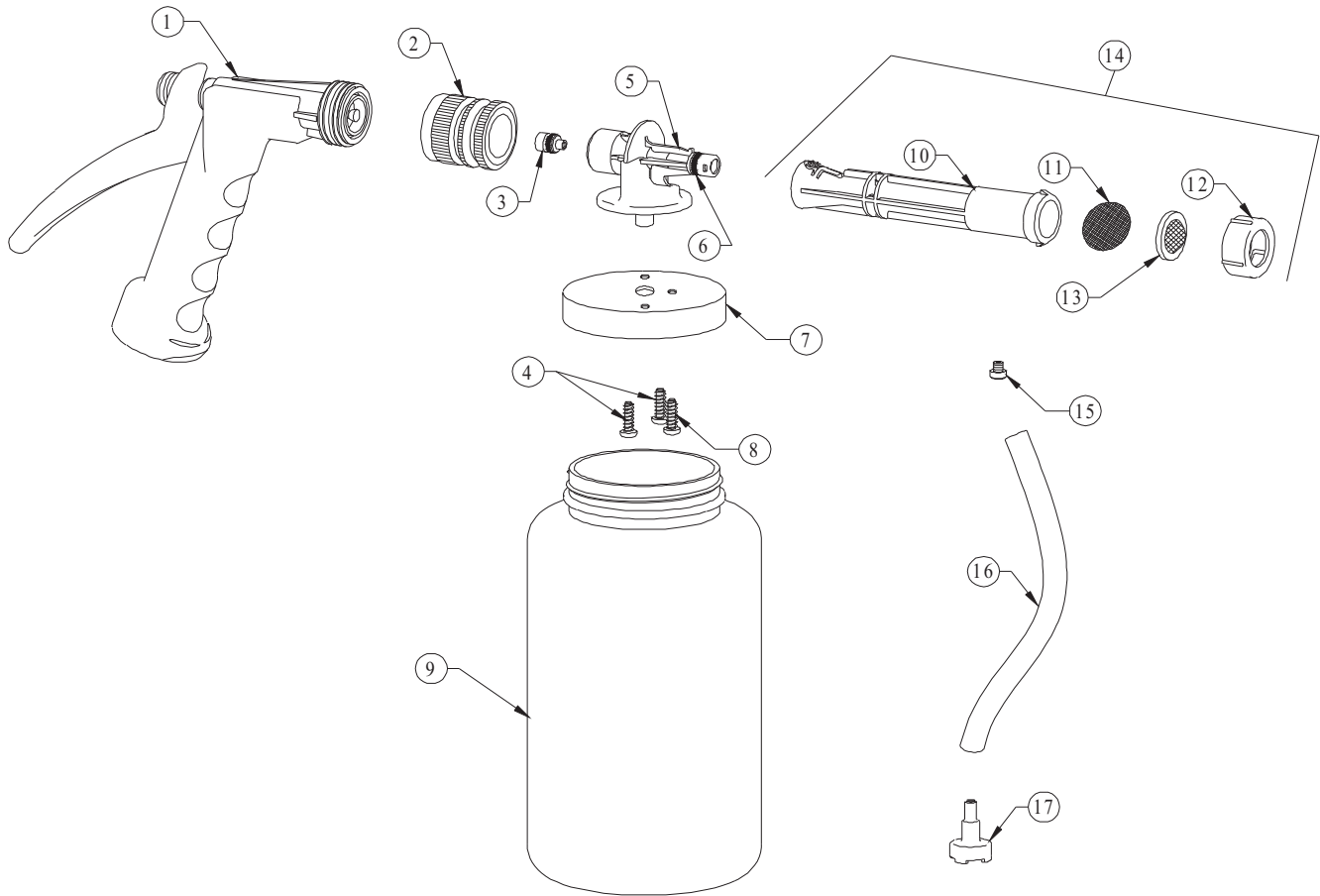


FOAMING DISPENSERS

PORTABLE

**COMPRESSED AIR
FOAMERS**

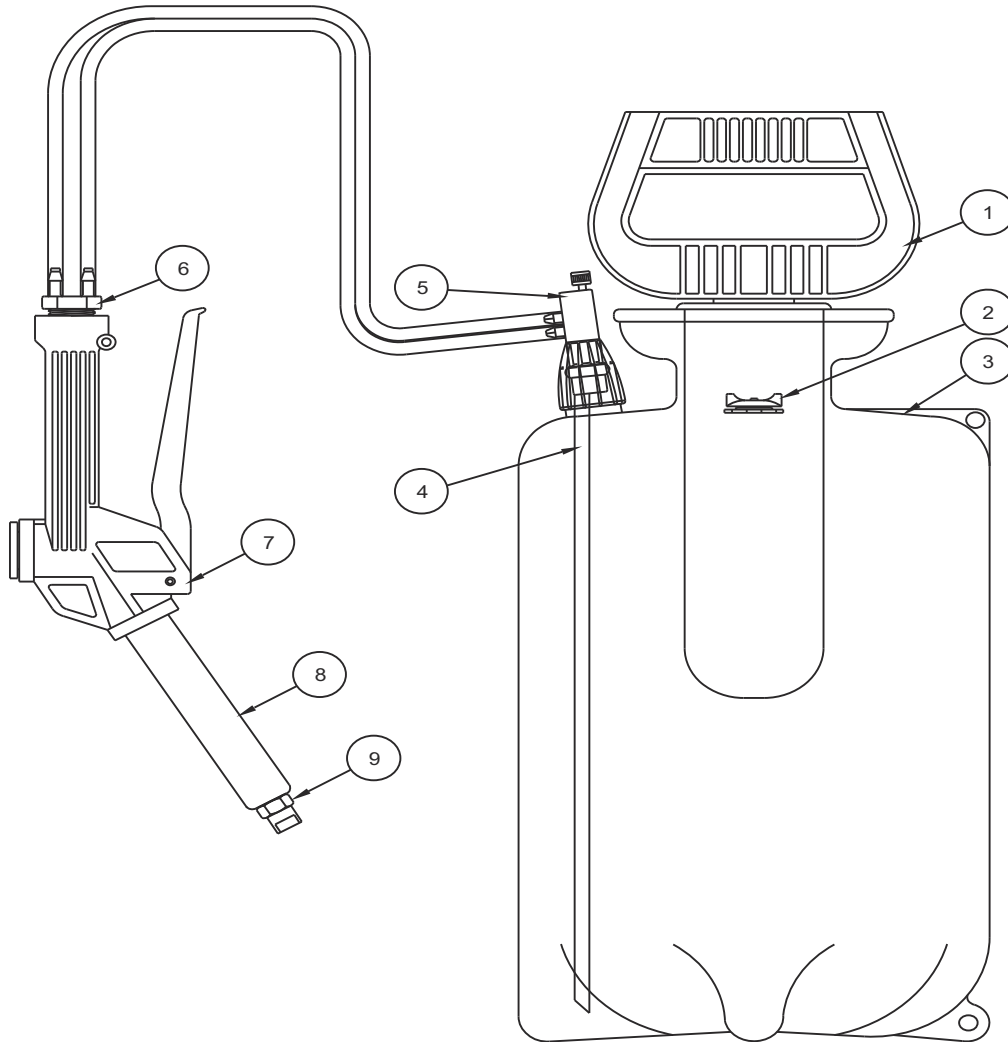
MODEL: 289 PROFOAM



NO.	PART NO.	DESCRIPTION
1	28-1	Spray Gun
2	97-27	Quick Disconnect
3	24-8-8	Water Nozzle
4	44-116-1	Screw 1/2" Lg.
5	28-13	Pro Foam Gun Assembly
6	24-25	O-Ring
7	28-6	Bottle Cap
8	44-116-2	Screw 3/8" Lg.
9	28-7	Bottle

NO.	PART NO.	DESCRIPTION
10	28-4	Pro Foam Wand
11	28-12	Internal Screen
12	28-5	End Cap
13	150-34	Strainer Washer
14	28-400-1	Wand Assembly
15	100-15K	Metering Tip Kit
16	100-12-7	Vinyl Tubing
17	24-11SP	Strainer Washer (80-Mesh)

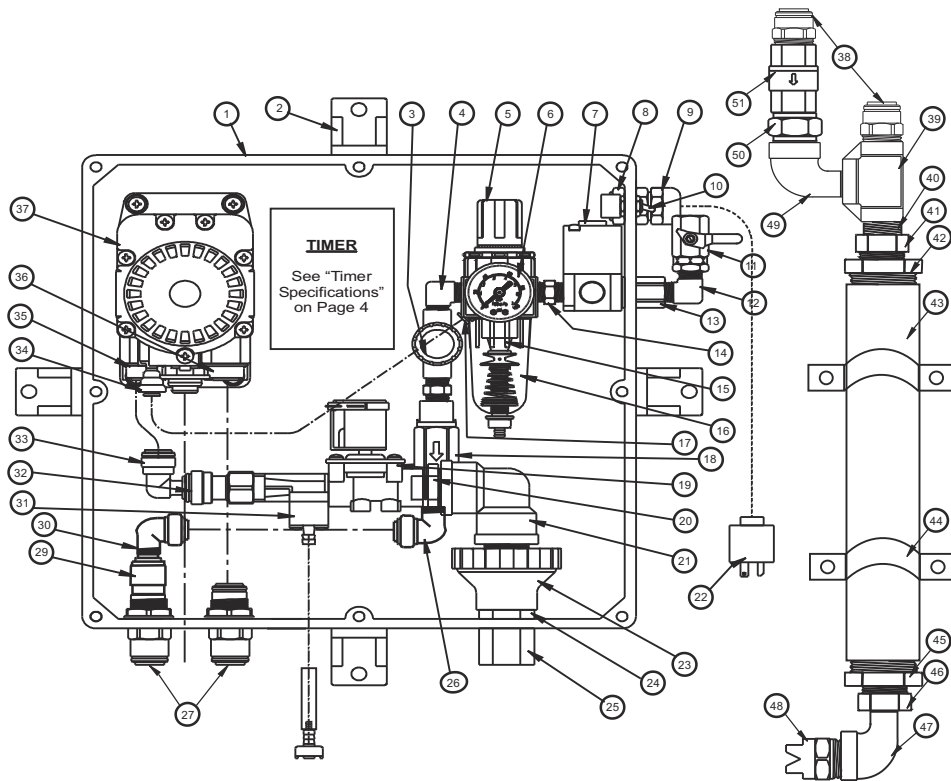
900-2PU



Item	Part Number	Description
1	9PUFPA-2	BLACK VITON PUMP ASSEMBLY
2	9PUF-PRV-2	PRESSURE RELIEF VALVE
3	9PUF2-G-2	2 GALLON TANK
4	9PUF-PST2	PICK-UP TUBE
5	9PUF-VHA	NEEDLE VALVE ASSEMBLY W/ TANK NUT, O-RING & TUBING
6	9B122	DOUBLE HOSE BARB x 1/2" MPT
7	9PSG12	POLY SPRAY GUN, 1/2" FPT
	9PSG12OR	O-RINGS FOR PSG12
8	9WAAD.75	FOAM MIXING MATERIAL
	9PW124-120	4" POLY WAND
9	9ST6515SS	S.S. SPRAY TIP 65°
*6-9	9PWA4	COMPLETE WAND ASSEMBLY FOR FI-2

DEMA®

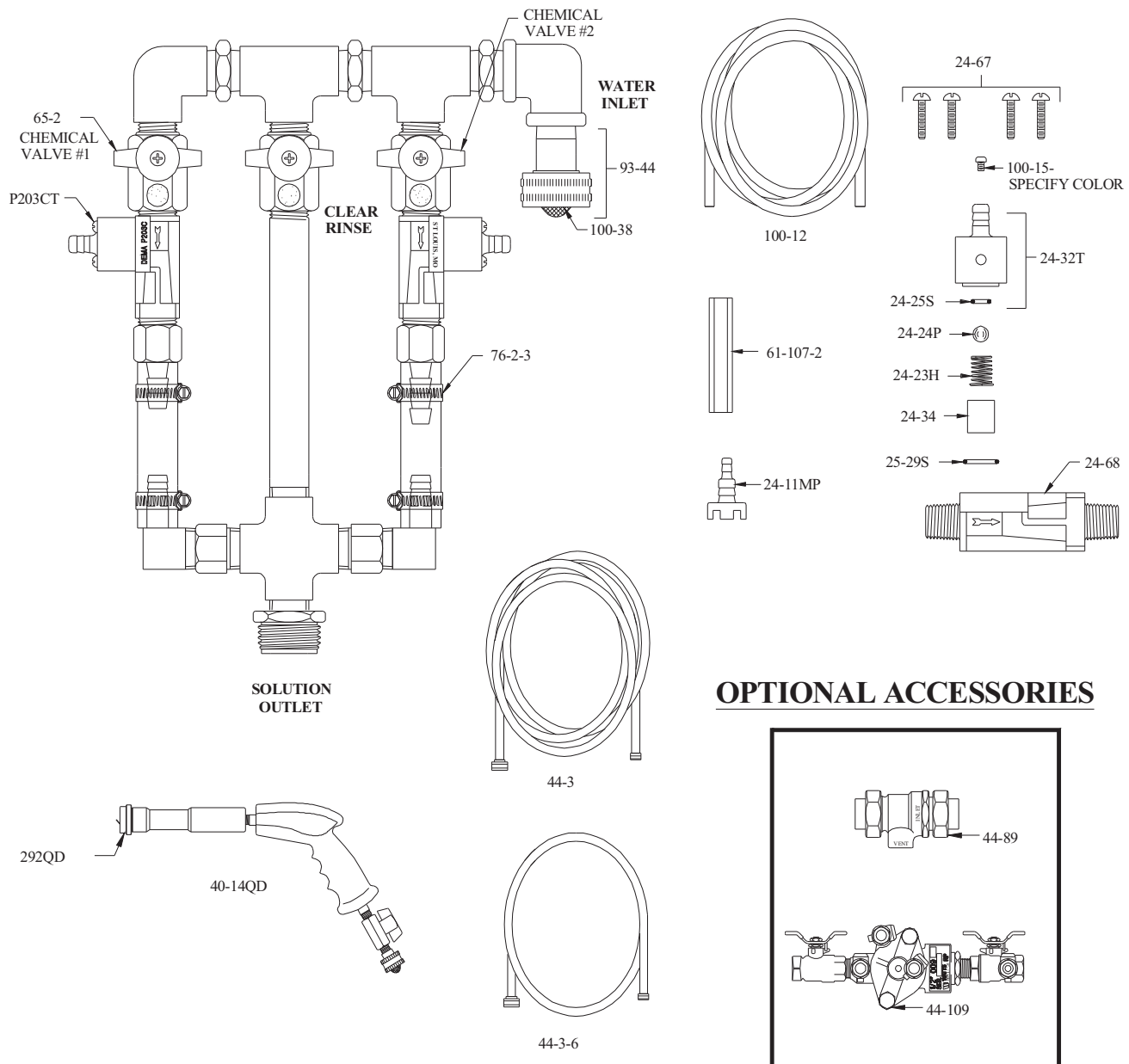
900-DS4



FRONT VIEW - CONTROL BOX (COVER REMOVED)

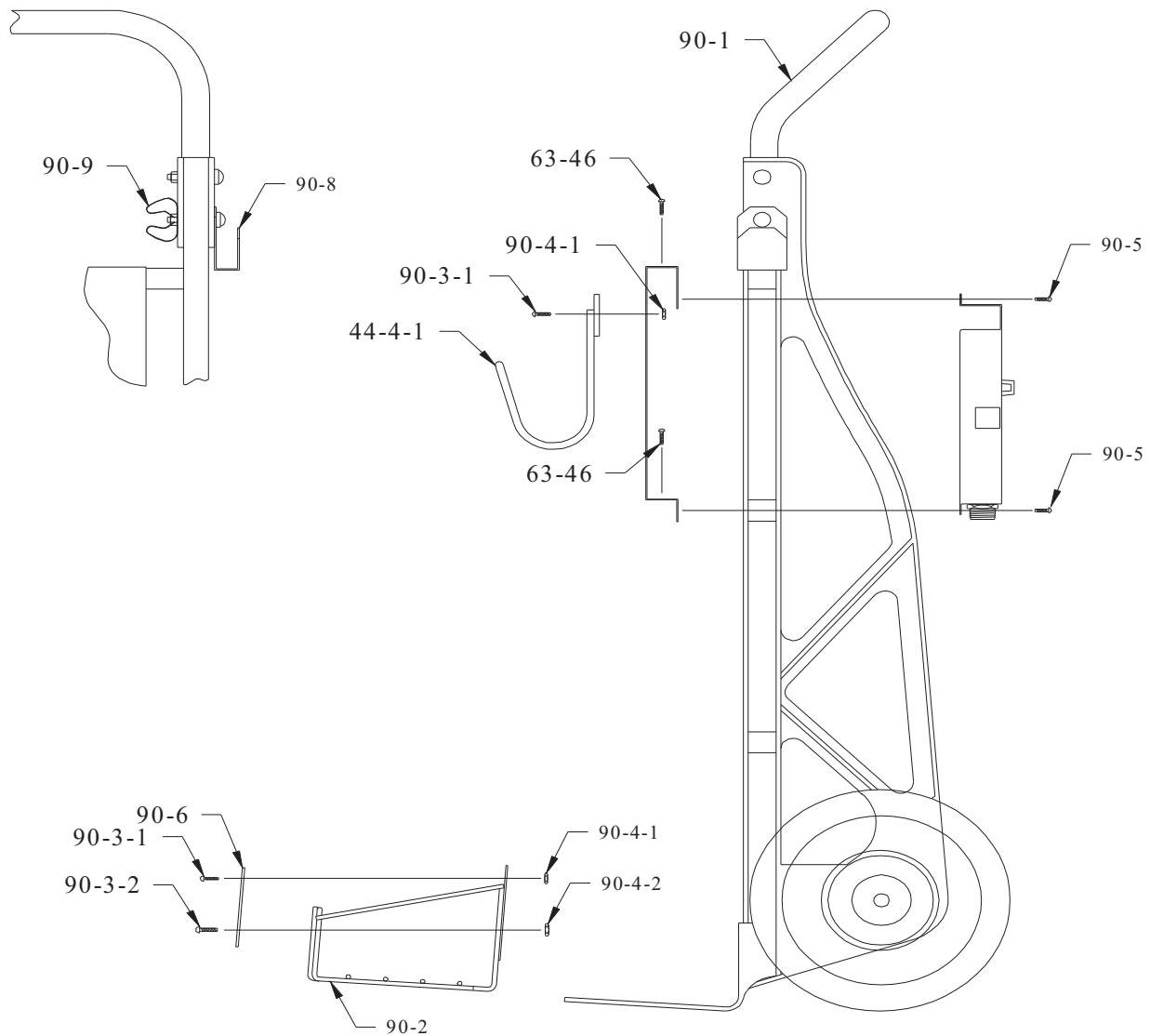
ITEM	PART NO.	DESCRIPTION
1	9FB14126	14X12X6 FIBERGLASS BOX W/ TWIST LOCK
2	9SSMF-FB	STAINLESS STEEL MOUNTING FOOT-FIBERGLASS BOX
3	9NV14Y	FLOW CONTROL VALVE
4	9BEL14M14M	BRASS ELBOW 1/4" MPT
5	9R15	AIR PRESSURE REGULATOR & FILTER (INCLUDES # 23 & 24)
6	9AG100	AIR PRESSURE GAUGE
7	9ACV1	110VAC AIR SOLENOID
8	9CC3224	WATER TIGHT WIRE FITTING
9	9CC8463	NUT FOR CC3224
10	9TS2	ON/OFF TOGGLE SWITCH
11	9TSBT12	WATERPROOF TOGGLE SWITCH BOOT
12	9BVB14	BALL VALVE 1/4" FPT
13	9BEL14M14M	BRASS ELBOW 1/4" MPT
14	9BA25	ADAPTER 1/4" FPT x 1/4" MPT
15	9NIP1414	BRASS HEX NIPPLE 1/4" MPT
16	9AFR15	REPLACEMENT AIR FILTER ELEMENT
17	9ABR15	REPLACEMENT AIR BOWL
18	9QFEL18	ELBOW TUBE FITTING 1/8" MPT x 1/4" TUBE
19	9CV14QF	PVC CHECK VALVE
20	9ACV1D38	110VAC SOLENOID VALVE 3/8" FPT
21	9PN3834	POLY REDUCER NIPPLE 3/8in MPT X 3/4in MPT
22	9PEL34F	POLY ELBOW 3/4" FPT
23	9WR1A	18/3 SJOOW 90 BLACK N.A. W/ 5-15P & 4in ROJ
24	9WR15G34	WATER REGULATOR, GARDEN HOSE x 3/4" MPT - 15 PSI
25	9HBB34GH12	BRASS BUSHING, GARDEN HOSE x 1/2" FPT
26	9BA50	BRASS FITTING 1/2" MPT x 1/2" FPT
27	9QFEL1438	FIXED ELBOW 3/8in TUBE X 1/4in MPT - POLYPROPYLENE
28	9QFBH12	BULKHEAD 1/2in TUBE
29	9QFR1238	REDUCER 1/2in TUBE TO 3/8in TUBE
30	9QFSEL38	PLUG-IN ELBOW 3/8in TUBE X 3/8in TUBE
31	9P203CT	INJECTOR ASSEMBLY (INCLUDES INTAKE HOSE & TIP KIT)
32	9P203CT-IH	REPLACEMENT INTAKE HOSE ASSEMBLY FOR P203CT
33	9P203CT-TIPS	REPLACEMENT TIP KIT FOR P203CT
34	9QFF3838	FEMALE ADAPTER 3/8in TUBE X 3/8in NPTF
35	9QFSEL38	PLUG-IN ELBOW 3/8in TUBE X 3/8in TUBE
36	9QF5638	PUMP TUBE FITTING 3/8" (LIQUID OUT)
37	9QF5638	PUMP TUBE FITTING 3/8" (LIQUID IN)
38	9QF14PAF	PUMP AIR INLET FITTING 1/4"
39	9P56	PUMP
40	9QF1212	MALE CON. 1/2in TUBE X 1/2in MPT
41	9SST12	1/2in FPT 304 S.S. TEE
42	9NIP12	STAINLESS STEEL NIPPLE 1/2in MPT
43	9HHSB3412	HEX HEAD STAINLESS BUSHING - 3/4in BY 1/2in
44	9HHSB11434	HEX HEAD STAINLESS BUSHING 1 1/4" by 3/4"
45	9SSFT	STAINLESS STEEL FOAM TUBE 1 1/2"
46	9SSFTB	STAINLESS STEEL FOAM TUBE BRACKET
47	9HHSB11434	HEX HEAD STAINLESS BUSHING 1 1/4" by 3/4"
48	9HHSB3412	HEX HEAD STAINLESS BUSHING - 3/4in BY 1/2in
49	9SSE12	STREET ELBOW 1/2in - 316 S.S.
50	9ST80200	VEEJET NOZZLE, BRASS 80200
51	9SSE12	STREET ELBOW 1/2in - 316 S.S.
	9SN1212	HEX NIPPLE 1/2in X 1/2in
	9CV12F7	CHECK VALVE

DEMA MODEL 900 MOBILE CLEANING UNIT DEMA SELECT-O-SPRAY



PART NO.	DESCRIPTION	PART NO.	DESCRIPTION
24-11MP	FOOT STRAINER	65-2	BALL VALVE
24-23H	CHECK VALVE SPRING	76-2-3	HOSE CLAMP
24-24P	CHECK VALVE BALL	93-44	WATER INLET
24-25S	CHECK VALVE O-RING	100-12	VINYL TUBING 1/4ID X 8'LG
24-32T	METERING KNOB	100-15-	METERING TIP SPECIFY COLOR
24-34	CHECK VALVE CORE	100-38	STRAINER WASHER
24-67	SCREW (1" LG 4-REQD.)	292QD	FOAM WAND W/ DISCONNECT
24-68	VALVE BODY	P203CT	INJECTOR
25-29S	O-RING	OPTIONAL ACCESSORIES	
40-14QD	HEAVY DUTY SPRAY GUN W/ DISC.		
44-3	HOSE (BLACK) 25' X 1/2 ID	44-89	BACKFLOW PREVENTER (A.S.S.E. 1012)
44-3-6	HOSE (BLACK) 6' X 1/2 ID	44-109	BACKFLOW PREVENTER (A.S.S.E. 1013)
61-107-2	CERAMIC WEIGHT		

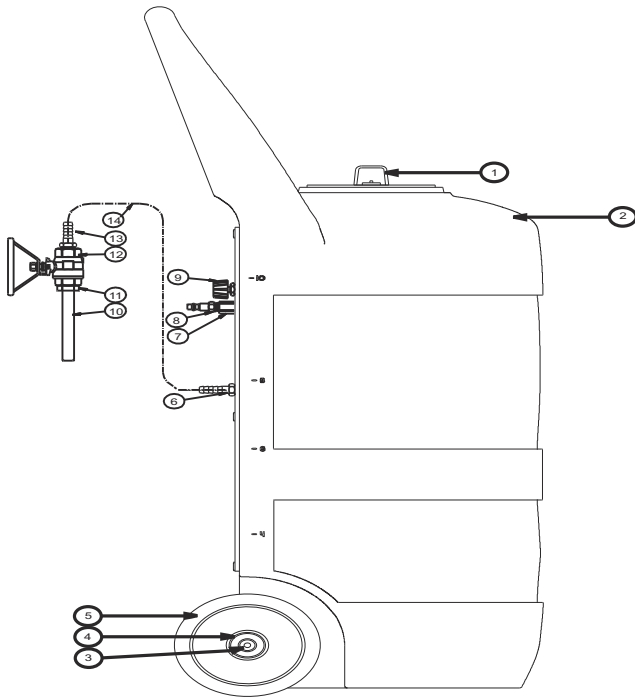
DEMA MODEL 900 **MOBILE CLEANING UNIT**



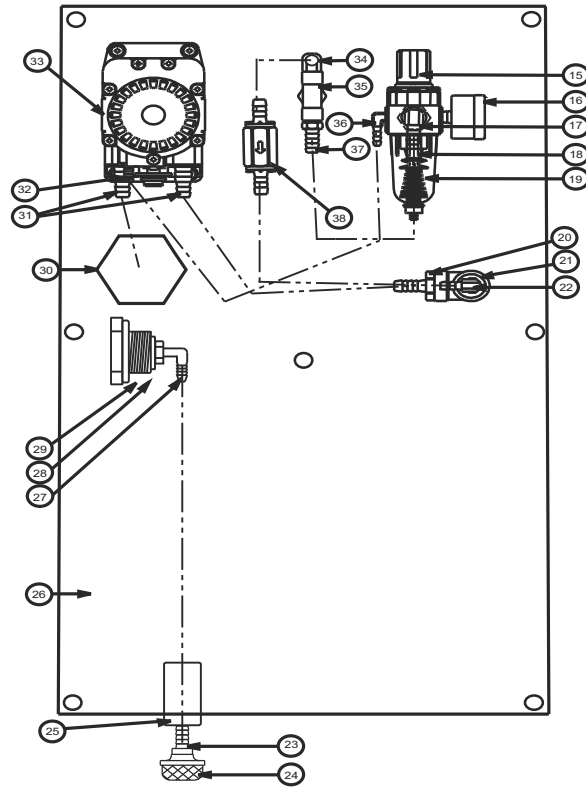
PART NO.	DESCRIPTION
44-4-1	HOSE RACK
63-46	PLAS SCREW (4-REQD.)
90-1	CART
90-2	BOTTLE RACK
90-3-1	#10 MACHINE SCREW (4-REQD)
90-3-2	5/16 MACHINE SCREW (2-REQD)
90-4-1	#10 HEX NUT (4-REQD)
90-4-2	5/16 MACHINE SCREW (2-REQD)
90-5	#12 SHEET METAL SCREW (4-REQD)
90-6	BOTTLE RACK BRACKET
90-8	HOSE BRACKET
90-9	SPRING CLIP

DEMA®

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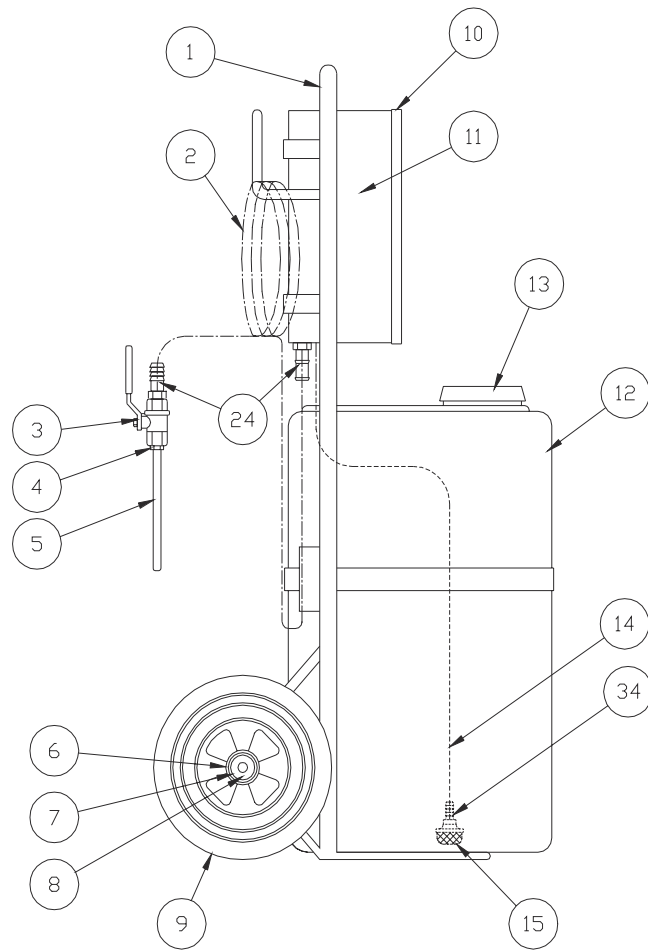


SIDE VIEW

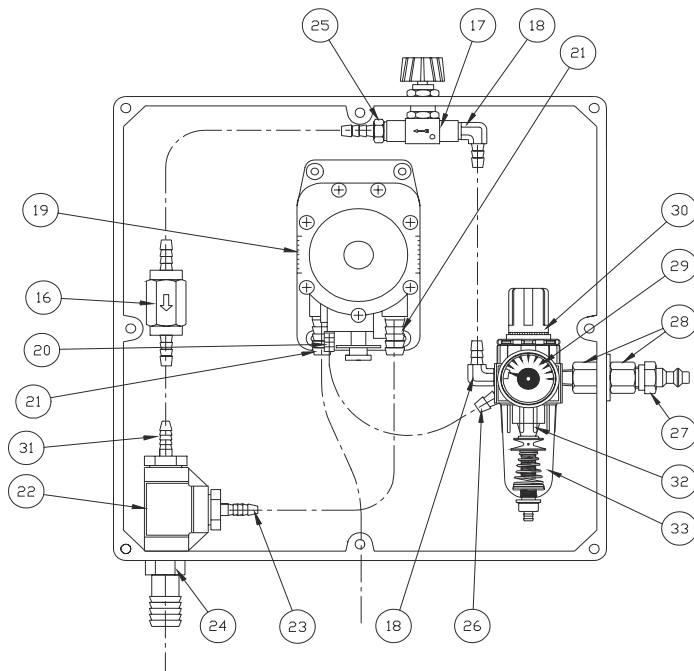


INSIDE VIEW - CONTROL PANEL

ITEM	PART NO.	DESCRIPTION
1	9DFP6	6 INCH THREADED CAP FOR 10 GALLON UNIT
2	9TANK 10	10 GALLON ROTOMOLDED TANK
3	9AXC12	1/2in PUSH NUT FOR AXLE CAP
4	9SSAXLE12	12 9/16IN x 1/2IN STAINLESS STEEL AXLE FOR 10 GALLON UNIT
5	9W10	6 in wheel X 1.25 in TPR Celcon Brg 1/2 in Axle
6	9HBSS1212	STAINLESS HOSE BARB 1/2 X 1/2
7	9BA25	MALE/FEMALE ADAPTER 1/4 X 1/4
8	9AP25	PLUG 1/4 NPTM AIR FITTING - BRASS
9	9NV14Y-HNDL	KNOB FOR 2839-1/4 NEEDLE VALVE
10	9PW10	3/4in BLACK POLY PRO X 10in - FPTBE - SCH.80
11	9SN1212	STAINLESS HEX NIPPLE 1/2" MPT
12	9HV60	1/2in STAINLESS BALL VALVE - w/ WELDED NUT
13	9HBSS1212	STAINLESS HOSE BARB 1/2 X 1/2
14	9H12-20	20FT OF 1/2in BLUE HOSE REPLACEMENT
15	9R15	FILTER REGULATOR COMBO INCLUDES AFR15 AND ABR15
16	9AG100	1.5in DRY MODEL 20 DUAL SCALE GAUGE
17	9HBBEL1438	3/8 BRASS HOSE BARB X 1/4 PIPE ELB
18	9AFR15	ORIGA FILTER ELEMENT
19	9ABR15	ORIGA BOWL W/SEMIAUTO DRAIN
20	9HBSS1238	STAINLESS HOSE BARB 1/2 X 3/8
21	9SST12	1/2in FPT 304 S.S. TEE
22	9HBSSEL1238	304 S.S. 1/2in MPT BY 3/8in H.B. ELBOW
23	9HB1438	1/4in MPT X 3/8in HOSE BARB (PLASTIC)
24	9STR14	40 MESH SUCTION LINE STRAINER
25	9SHW3	3in LONG COATED WEIGHT
26	9PL10-12	PLASTIC PLATE FOR FI-10 UNIT
27	9HBEL1238	HOSE BARB ELBOW 1/2 X 3/8
28	9DPG-10	BULKHEAD GASKET
29	9DP-10	BULKHEAD BODY 1/2 FPT
30	9DPN-10	BULKHEAD RETAINING NUT
31	9HB5638	HOSE BARB FOR P56 PUMP
32	9HB14P	1/4in BRASS HB AIR FITTING
33	9P56	5700 SANTO PUMP
34	9HBBEL1438	3/8 BRASS HOSE BARB X 1/4 PIPE ELB
35	9NV14Y	FLOW CONTROL VALVE INCLUDED NY14Y-HNDL
36	9HBBEL1814	1/8 MPT X 1/4 HOSE BARB BRASS 90DEG
37	9HBB1438	BRASS 1/4 MPT X 3/8 HOSE BARB
38	9CV38	PVC CHECK VALVE 3/8 BARBS - SS SPRING



SIDE VIEW



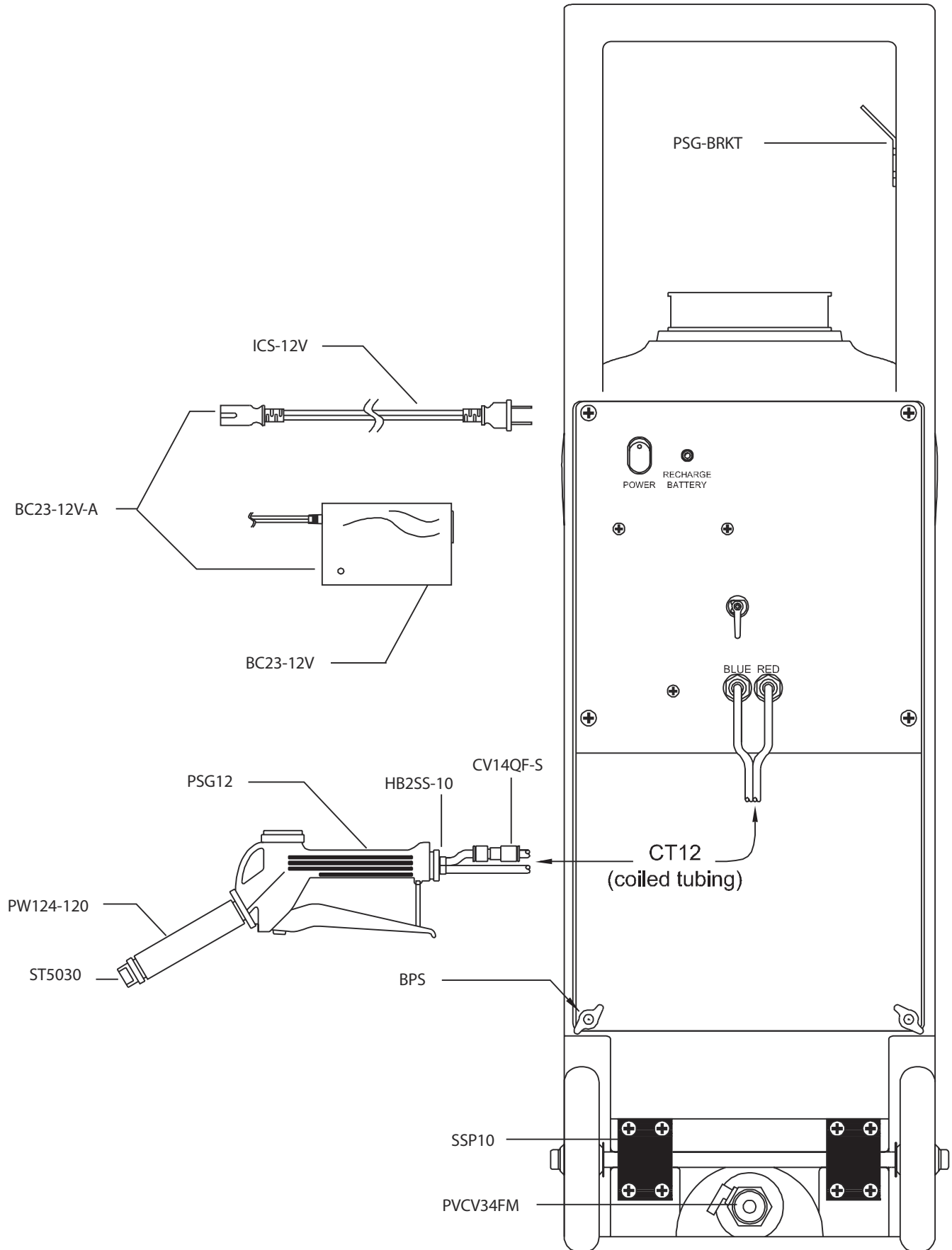
FRONT VIEW - CONTROL BOX
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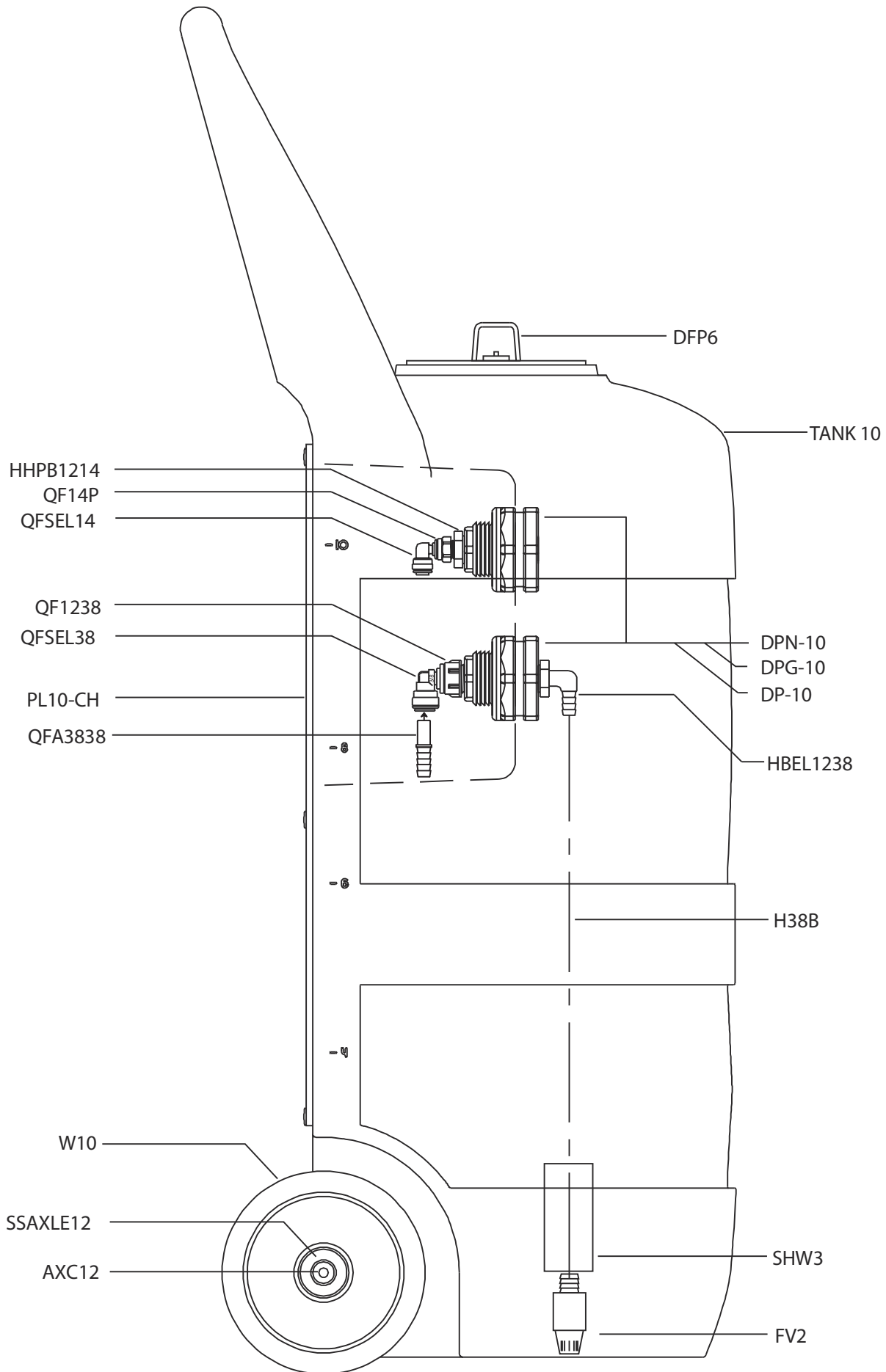
915

ITEM	PART NO.	DESCRIPTION
	9SSW38	S.S. WAND ASSEMBLY, INCLUDES ITEM 3, 4, 5 & 24
1	9CR15	15 GALLON CART
2	9H34-30'	30' X 3/4" DISCHARGE HOSE
3	9HV60	S.S. BALL VALVE
4	9HHSB1238	HEX HEAD S.S. BUSHING 1/2" X 3/8"
5	99W387	S.S. WAND
6	9COT	COTTER PIN
7	9FWAX15	AXEL WASHER
8	9WB5	POLY BUSHING
9	9W15	RUBBER WHEEL
10	9PL1212-15SS	12X12 POLYETHYLENE LID WITH DECAL
11	9PB12126	12X12X6 POLYETHYLENE BOX
12	9D-15	15 GALLON DRUM ASSEMBLY W/ SUCTION HOSE*
13	9DFP4	DRUM FILL CAP
14	9H38-33"	SUCTION HOSE
15	9STR14	STRAINER
16	9CV38	PVC CHECK VALVE
17	9NV14Y	NEEDLE VALVE
18	9HBBEL1438	BRASS HOSE BARD ELBOW 1/4"X3/8"
19	9P56	PUMP
20	9HB14P	PUMP HOSE BARD 1/4"
21	9HB5638	PUMP HOSE BARD 3/8"
22	9SST12	1/2" S.S. TEE
23	9HBSS1238	S.S. HOSE BARB 1/2"X3/8"
24	9HBSS1234	S.S. HOSE BARB 1/2"X3/4"
25	9HBB1438	BRASS HOSE BARB 1/4"X3/8"
26	9HBBEL1814	BRASS HOSE BARB ELBOW 1/8"X1/4"
27	9AP25	AIR PLUG
28	9BA25	BRASS ADAPTER DE 1/4"
29	9AG100	AIR GAUGE
30	9R15	REGULATOR & FILTER COMBO, INCLUDES ITEM# 32 & 33
31	9HBSS1238	S.S. HOSE BARB 1/2"X3/8"
32	9AFR15	REPLACEMENT AIR FILTER FOR R15
33	9ABR15	REPALCEMENT AIR BOWL FOR R15
34	9HB1438	POLY HOSE BARB 1/4"X3/8"

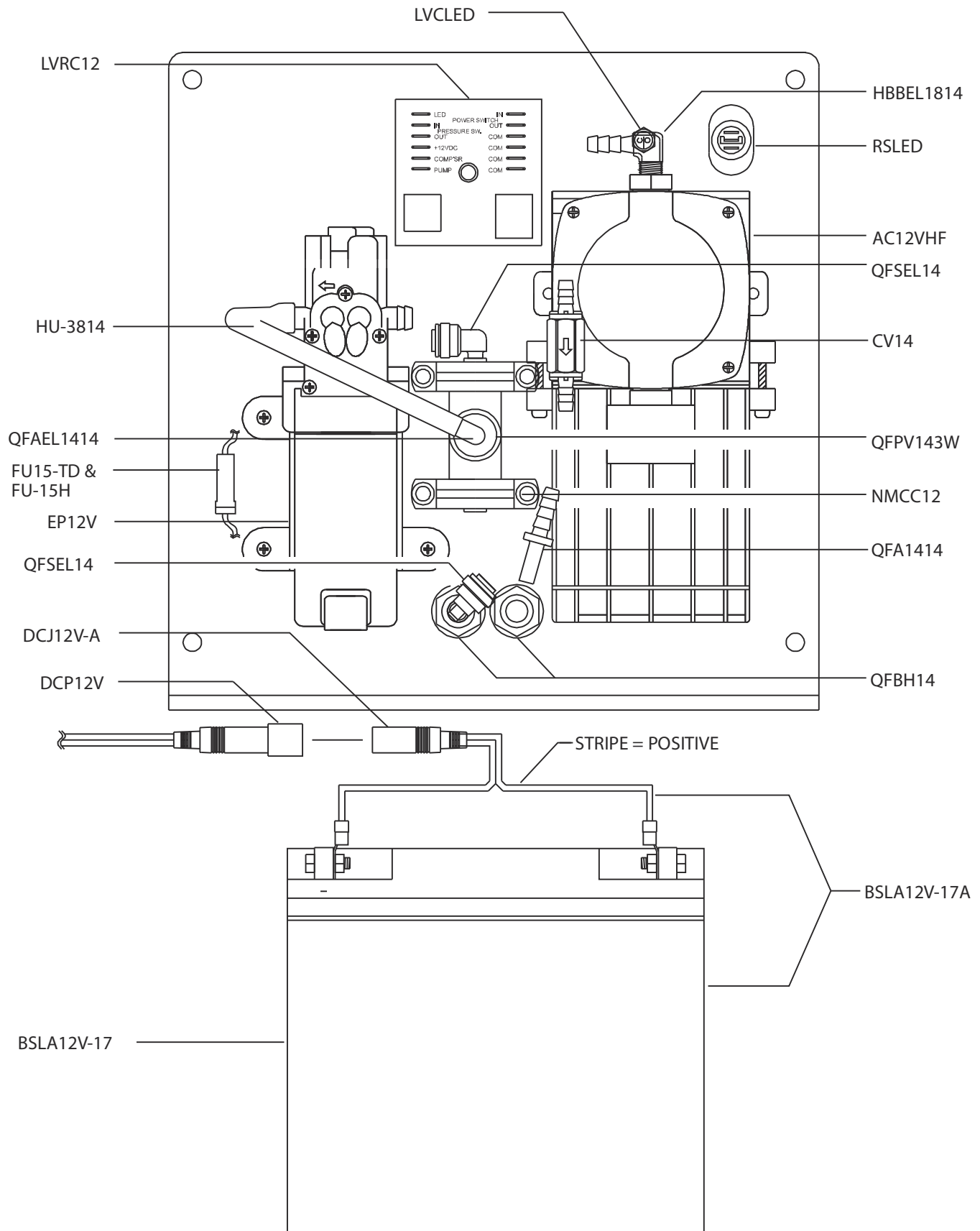
910 BHF

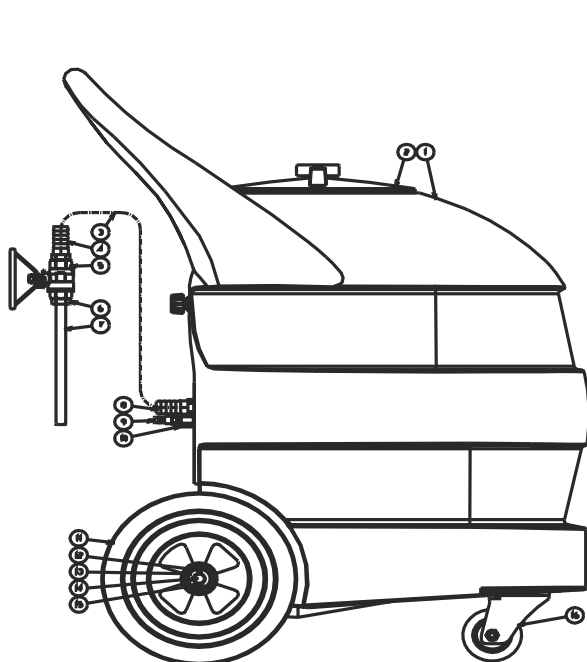


910 BHF

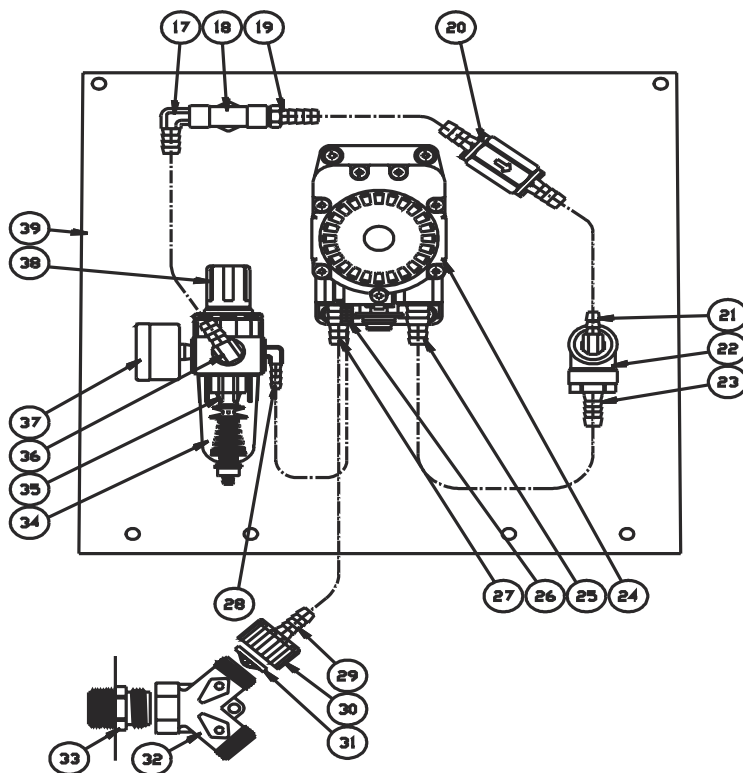


910 BHF





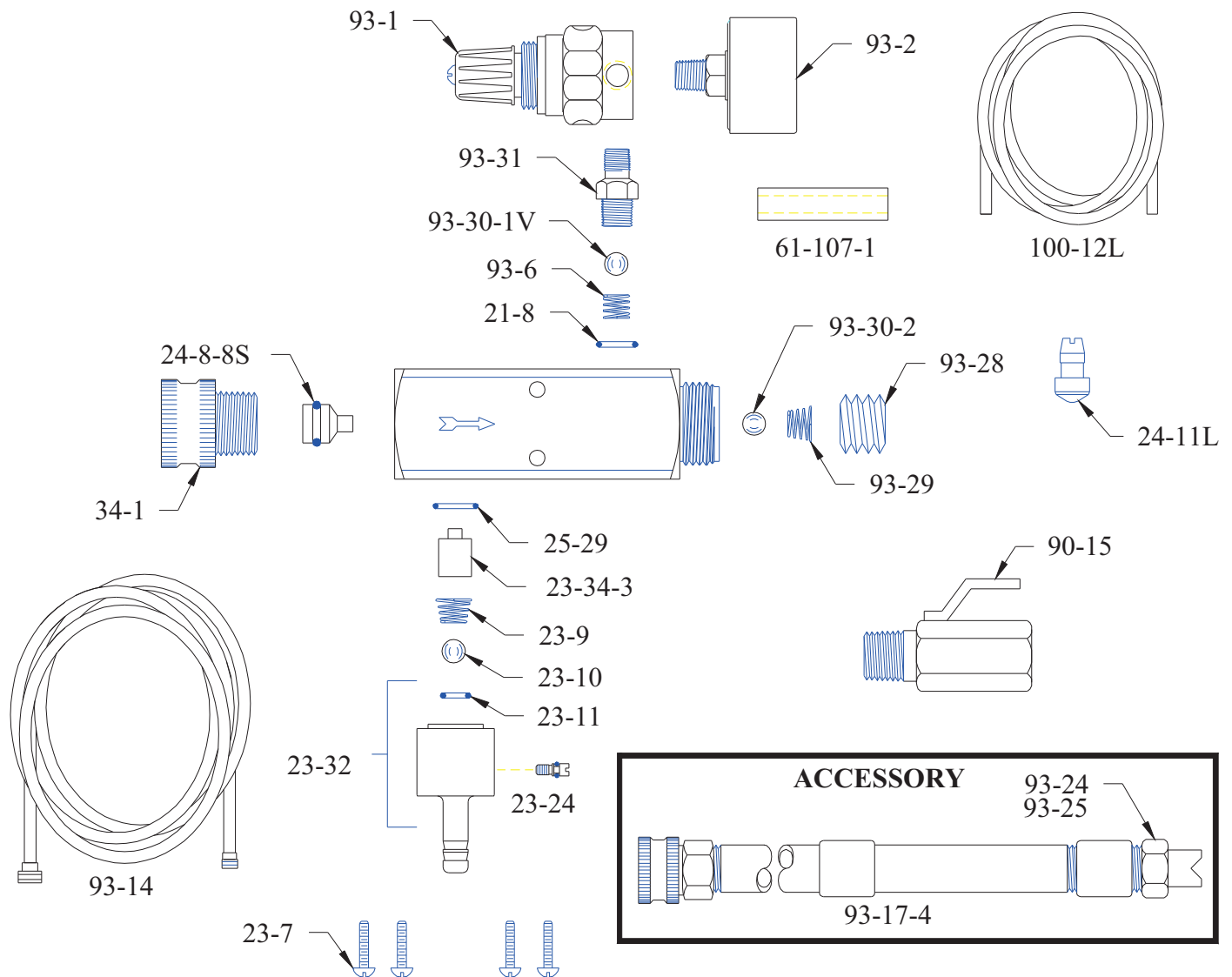
SIDE VIEW



INSIDE VIEW - CONTROL PANEL

ITEM	PART NO.	DESCRIPTION
1	9TANK25	25 GALLON MOLDED TANK
2	9DFP8	8" CAP FOR 25 GALLON TNAK
3	9H34-30'	FOAM DISCHARGE HOSE 3/4" ID * 30'
4	9HBSS1234	S.S. HOSE BARB 1/2" MPT x 3/4" BARB
5	9HV60	S.S. BALL VALVE 1/2" FPT
6	9HHSB1238	S.S. BUSHING 1/2" MPT x 3/8" FPT
7	9W387	S.S. FOAM WAND
8	9HBSS1234	S.S. HOSE BARB 1/2" MPT x 3/4" BARB
9	9AP25	MALE AIR PLUG
10	9BA25	ADAPTER 1/4" FPT x 1/4" MPT
11	9W15	WHEEL FOR 15 OR 25 GALLON UNIT
12	9WB5	PLASTIC WHEEL BUSHING
13	9FWAX15	S.S. AXLE WASHER
14	9SSAXLE581938	S.S. AXLE
15	9COT	S.S. COTTER PINS
16	9CST3SS	S.S. SWIVEL CASTERS
17	9HBBEL1438	HOSE BARB ELBOW 1/4" MPT x 3/8" BARB
18	9NV14Y	NEEDLE VAVLE (WET FOAM/DRY FOAM)
19	9HBB1438	HOSE BARB 1/4" MPT x 3/8"BARB
20	9CV38	PVC CHECK VALVE
21	9HBSSEL1238	304 S.S. 1/2in MPT BY 3/8in H.B. ELBOW
22	9SST12	S.S. TEE 1/2" FPT
23	9HBSS1238	S.S. HOSE BARB 1/2" MPT x 3/8" BARB
24	9P56	SANTOPRENE PUMP
25	9HB5638	PUMP HOSE BARB 3/8"
26	9HB14P	PUMP AIR INLET HOSE BARB 1/4"
27	9HB5638	PUMP HOSE BARB 3/8"
28	9HBBEL1814	HOSE BARB ELBOW 1/8" MPT x 1/4" BARB
29	9DHB38	POLY FLAT SEAT HOSE BARB 3/8"
30	9N34GH	POLY GARDEN HOSE SWIVEL NUT
31	9STR34	STRAINER
32	9GHYV34	GARDEN HOSE Y VALVE
33	9A34M34G	POLY HEX NIPPLE GH x 3/4" MPT
34	9ABR15	REPLACEMENT AIR BOWL
35	9AFR15	REPLACEMENT AIR FILTER ELEMENT
36	9HBBEL1438	HOSE BARB ELBOW 1/4" MPT x 3/8" BARB
37	9AG100	AIR PRESSURE GAUGE
38	9R15	AIR PRESSURE REGULATOR/FILTER (INCLUDES ABR15 & AFR15)
39	9FI-25PLB	MOUNTING PLATE FOR FI-25 CONTROL PANEL

SPRAY FOAM-MODEL 294CDF



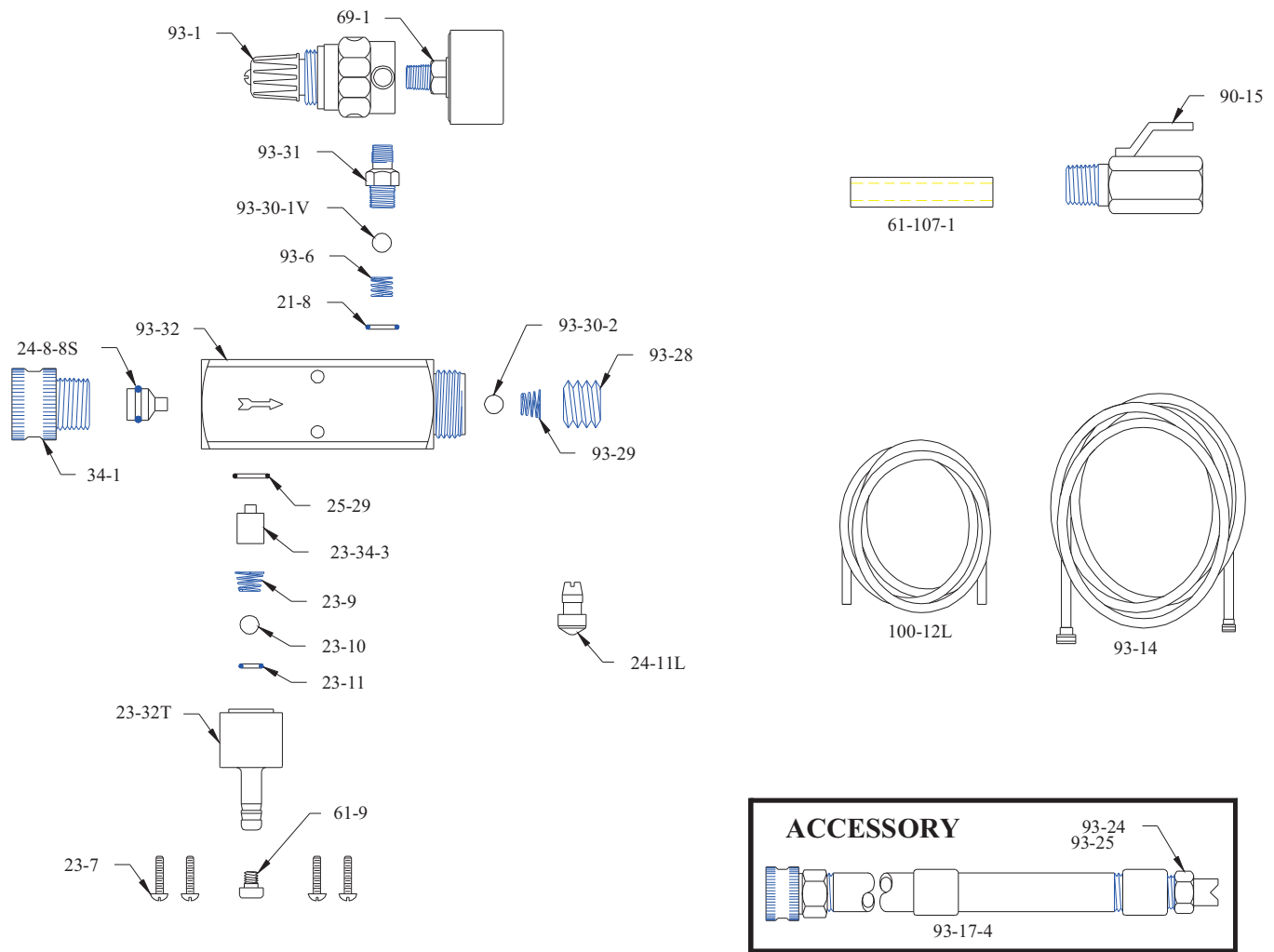
PART NO.	DESCRIPTION
21-8	AIR CHECK VALVE O-RING
23-7	MACHINE SCREW (4 REQD)
23-9	CHECK VALVE SPRING
23-10	CHECK VALVE BALL (9/32 DIA STNLS. STL.)
23-11	CHECK VALVE O-RING
23-24	METERING SCREW W/ O-RING
23-32	METERING KNOB W/ METERING SCREW & O-RING
23-34-3	CHECK VALVE CORE
24-8-8S	WATER NOZZLE W/ O-RING
24-11L	FOOT STRAINER
24-63	CHECK VALVE REPAIR KIT
25-29	METERING KNOB O-RING
34-1	INLET HOSE ADAPTER
61-107-1	CERAMIC WEIGHT
69-1	PRESSURE GAGE
90-15	OUTLET SHUTOFF VALVE
93-1	PRESSURE REGULATOR

PART NO.	DESCRIPTION
93-2	PRESSURE GAGE
93-6	AIR CHECK VALVE SPRING
93-14	3/4" ID X 25' LG. OUTLET HOSE
93-28	RETAINER SCREW
93-29	SPRING
93-30-1V	BALL 1/4 DIA
93-30-2	BALL 5/16" DIA
93-31	ADAPTER
100-12L	1/2" OD VINYL TUBING X 8' LG.

ACCESSORIES

93-17-4	4' LG. SPRAY WAND W/ SOLID STREAM NOZZLE
93-24	NOZZLE W/ SOLID STREAM (SUPPLIED)
93-25	NOZZLE W/ 40° ANGLE

SPRAY FOAM-MODEL 294CT



PART N0.	DESCRIPTION
21-8	AIR CHECK VALVE O-RING
23-7	MACHINE SCREW (4 REQD)
23-9	CHECK VALVE SPRING
23-10	CHECK VALVE BALL (9/32 DIA STNLS. STL.)
23-11	CHECK VALVE O-RING
23-32T	METERING KNOB
23-34-3	CHECK VALVE CORE
24-8-8S	WATER NOZZLE W/ O-RING
24-11L	FOOT STRAINER
25-29	METERING KNOB O-RING
34-1	INLET HOSE ADAPTER
61-9	METERING TIP-SPECIFY COLOR
61-107-1	CERAMIC WEIGHT
90-15	OUTLET SHUTOFF VALVE
93-1	PRESSURE REGULATOR
93-2	PRESSURE GAGE

PART N0.	DESCRIPTION
93-6	AIR CHECK VALVE SPRING
93-14	3/4" ID X 25' LG. OUTLET HOSE
93-28	RETAINER SCREW
93-29	SPRING
93-30-1V	BALL (1/4 DIA RUBBER)
93-30-2	BALL 5/16" RUBBER
93-31	ADAPTER
93-32	FOAMER BODY
93-45	SNAP RING
100-12L	1/2" OD VINYL TUBING X 8' LG.

ACCESSORIES

93-17-4	4' LG. SPRAY WAND W/ SOLID STREAM NOZZLE
93-24	NOZZLE W/ SOLID STREAM (SUPPLIED)
93-25	NOZZLE W/ 40° ANGLE

ST-RA1 FOAM MODEL 234 CDM & 234C TDM

93-14

93-1

93-2

93-31

93-30-1V
24-24S

93-6

21-8

61-107-1

100-12LS

24-8-8S

34-1

93-32

93-30-2
93-38

93-28

24-11L

25-29

23-34-3

23-9

23-10

23-11

23-24

23-26CDM
23-26CTDM

90-15

61-9

23-7

93-45

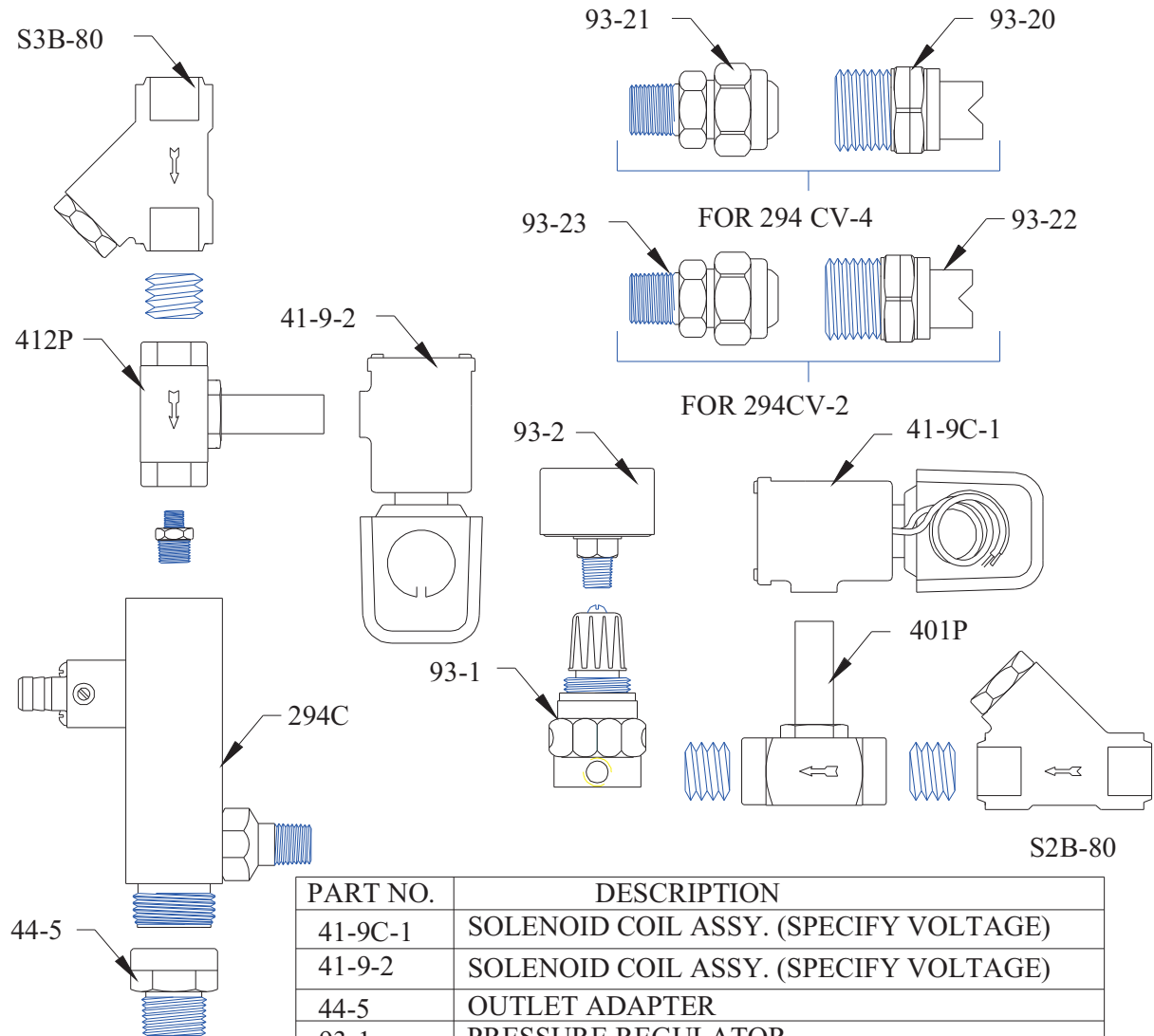
93-24
93-25

93-17-4

ACCESSORY

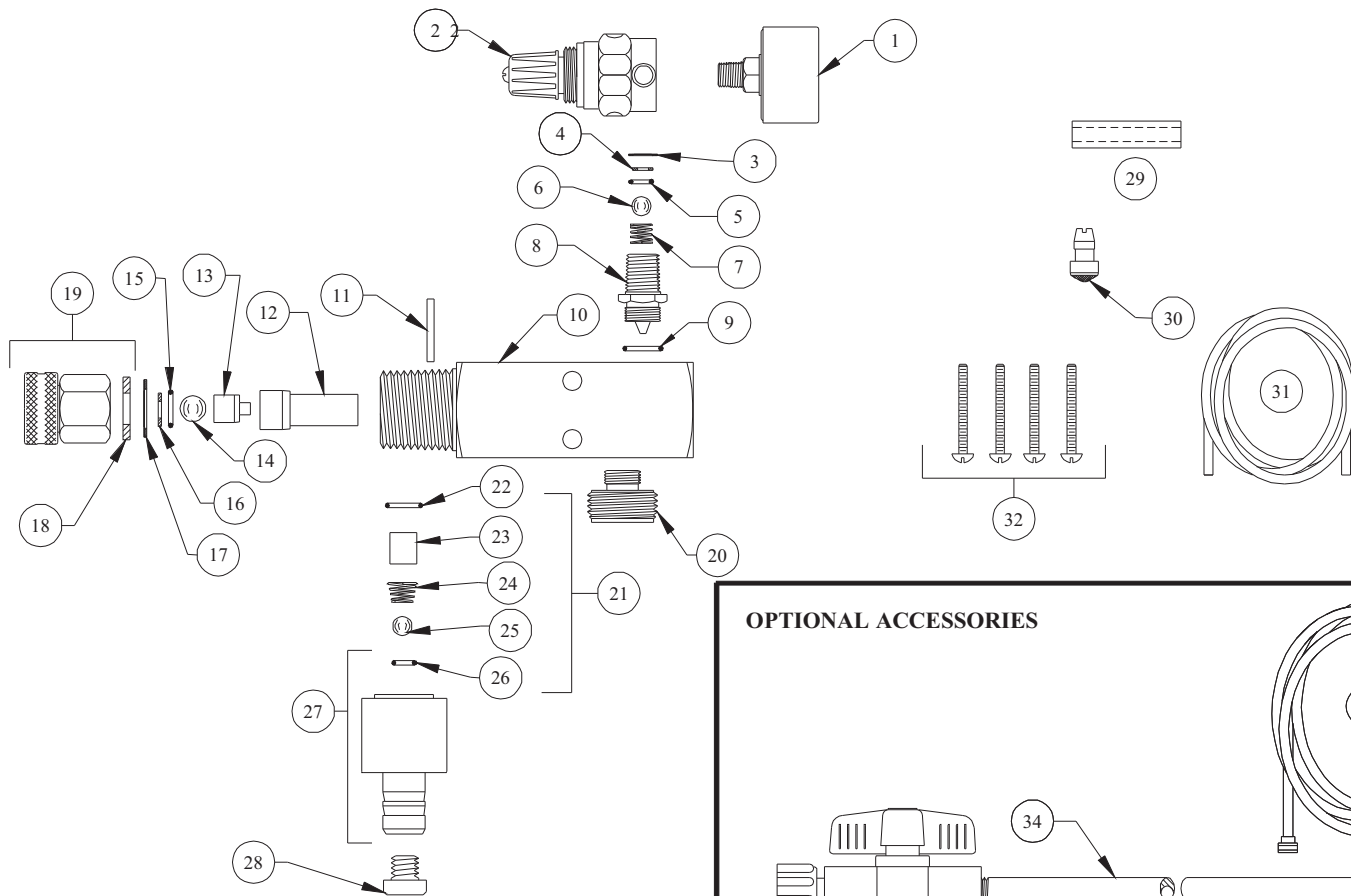
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DEMA SPRAY FOAM MODELS 294CV-2 AND 294CV-4



PART NO.	DESCRIPTION
41-9C-1	SOLENOID COIL ASSY. (SPECIFY VOLTAGE)
41-9-2	SOLENOID COIL ASSY. (SPECIFY VOLTAGE)
44-5	OUTLET ADAPTER
93-1	PRESSURE REGULATOR
93-2	PRESSURE GAGE
93-20-	SPRAY NOZZLE MODEL 294CV-4 (4 REQ'D) SPECIFY ANGLE 80°, 40°, OR 25°
63-21	ADJUSTABLE JOINT (MODEL 294CV-4) (4 REQ'D)
93-22	SPRAY NOZZLE (MODEL 294CV-2) (2 REQ'D)
93-23	ADJUSTABLE JOINT (MODEL 294CV-2) (2 REQ'D)
S2B-80	LINE STRAINER
S3B-80	LINE STRAINER
401P	SOLENOID VALVE. REFER TO MODEL 401P PARTS LIST FOR COMPONENT PARTS.
412P	SOLENOID VALVE. REFER TO MODEL 412P PARTS LIST FOR COMPONENT PARTS.
294C	SOLENOID VALVE. REFER TO MODEL 294C PARTS LIST FOR COMPONENT PARTS.

DEMA Model 294D Spray Foam



OPTIONAL ACCESSORIES

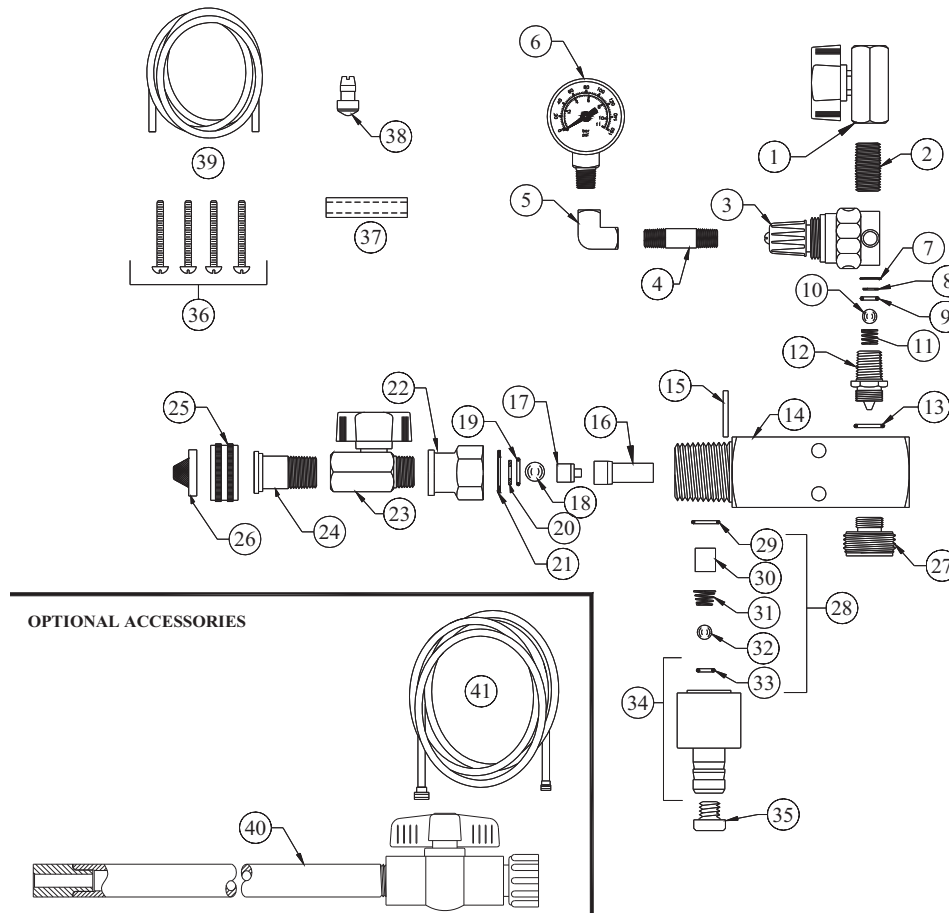
NO.	PART NO.	DESCRIPTION
1	93-2	Pressure Gauge
2	93-1	Pressure Regulator
3	29-18-2	5/16 Snap Ring
4	2917-3	Stainless Steel Washer
5	90-34V	Air Check Valve O-Ring (Viton)
6	26-49P	Ball 3/16" Dia. (Teflon)
7	93-6-2	Air Check Valve Spring
8	29-14	Air Nozzle Adapter
9	30-5V-14	O-Ring (Viton)
10	29-6-1	Foamer Body
11	29-15	Pin
12	29-11	Diffuser
13	29-16	Water Nozzle
14	100-24	Ball 11/32" Dia. (Teflon)
15	29-7	O-Ring (Viton)
16	29-17-2	Stainless Steel Washer
17	29-18-4	7/16" Snap Ring
18	150-6	Rubber Washer
19	93-19	Inlet Hose Adapter
20	29-8	Outlet

NO.	PART NO.	DESCRIPTION
21	29-12	Check Valve Repair Kit
22	25-29V	Metering Knob O-Ring (Viton)
23	23-34-3	Check Valve Core
24	23-9-2	Check Valve Spring
25	23-10	Check Valve Ball (9/32" Dia. Stainless Steel)
26	23-11V	Check Valve O-Rng (Viton)
27	24-59-5	Metering Knob
28	61-9 61-9K	Metering Tip (Specify Color) or Metering Tip Kit
29	61-107	Ceramic Weight
30	24-11L	Foot Strainer
31	100-12L	1/2" OD Vinyl Tubing x 8' Lg.
32	29-10	HI-LO Screw (4 Req'd)

ACCESSORIES

NO.	PART NO.	DESCRIPTION
33	93-14	3/4" ID 25' Lg. Outlet Hose
34	93-18	Plastic Foam Wand

DEMA® MODEL 294DC FOAMER

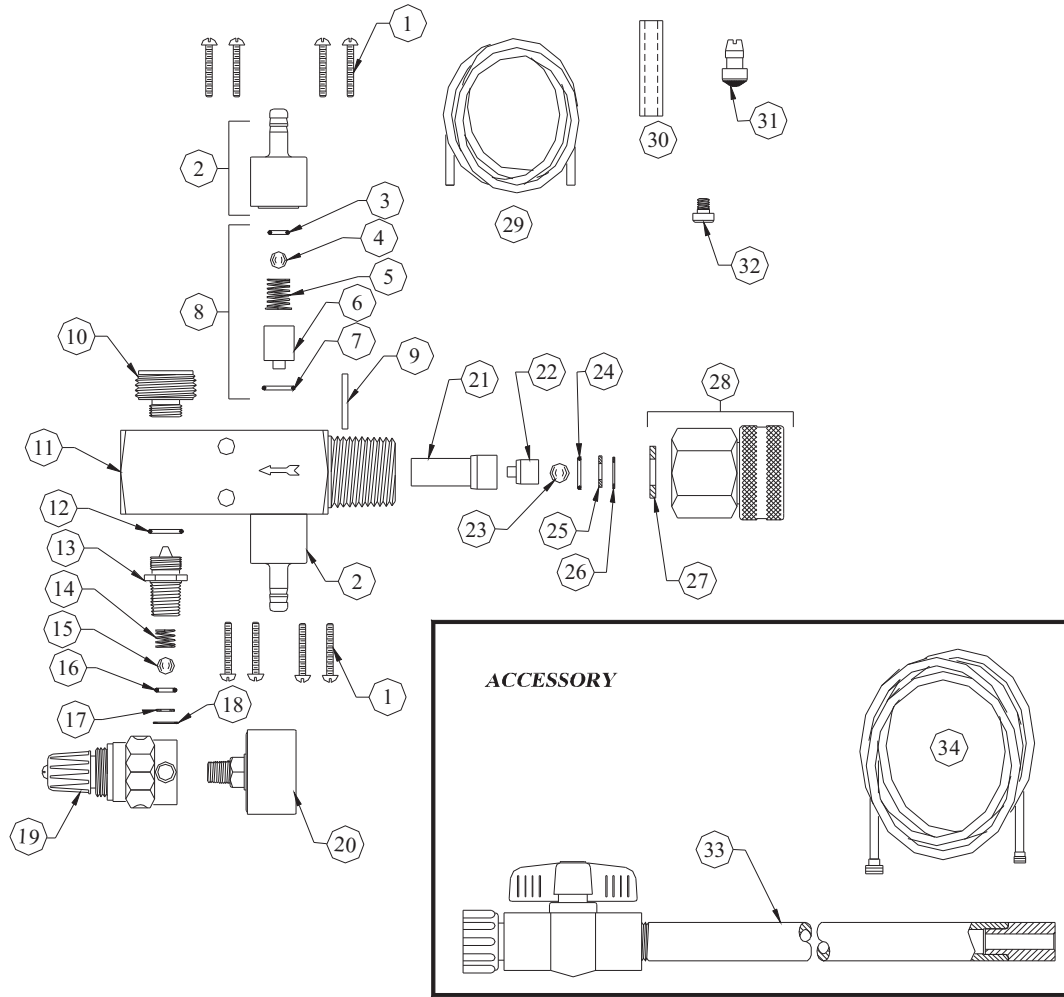


NO.	PART NO.	DESCRIPTION
1	16-11	Ball Valve (1/4" NPT)
2	25-137-9U	Close Nipple (1/4" NPT)
3	93-1	Pressure Regulator
4	93-103-1	Pipe Nipple (1/8" NPT)
5	93-102-1	Elbow (1/8" NPT)
6	93-15-1	Pressure Gauge
7	29-18-2	5/16" Internal Snap Ring
8	29-17-3	Stainless Steel Washer
9	90-35V	Air Check Valve O-Ring
10	26-49P	Ball 3/16" Teflon
11	93-6-2	Air Check Valve Spring
12	29-14	Air Nozzle Adapter
13	30-5V-14	O-Ring
14	29-6-1	Foamer Body
15	29-15	Pin
16	29-11	Diffuser
17	29-16	Water Nozzle
18	29-5P	Ball - 11/16" Dia.
19	29-7	O-Ring
20	29-17-2	Stainless Steel Washer
21	28-18-4	7/16" Snap Ring
22	93-105-1	Reducing Coupling (1/2" NPT x 3/8" NPT)

NO.	PART NO.	DESCRIPTION
23	65-2	Ball Valve (3/8" NPT)
24	93-104-1	Swivel Adapter Stem
25	65-10	Coupling
26	100-38	Strainer Washer
27	29-8	Outlet
28	29-12	Check Valve Repair Kit
29	25-29V	Metering Knob O-Ring
30	23-34-3	Check Valve Core
31	23-9-2	Check Valve Spring
32	23-10	Teflon Ball - 9/32" Dia.
33	23-11V	Check Valve O-Ring
34	23-32T	Metering Knob
35	61-9 61-9K	Metering Tip (Specify Color or Metering Tip Kit)
36	29-10	Hi-Lo Screw (4 Req'd.)
37	61-107	Ceramic Weight
38	24-11L	Foot Strainer
39	100-12L	1/2"OD Vinyl Tubing x 8'Lg.

OPTIONAL ACCESSORIES		
NO.	PART NO.	DESCRIPTION
40	93-18	Spray Wand
41	93-14	3/4"ID x 25'Lg. Outlet Hose

DEMA Model 294DDF Spray Foam

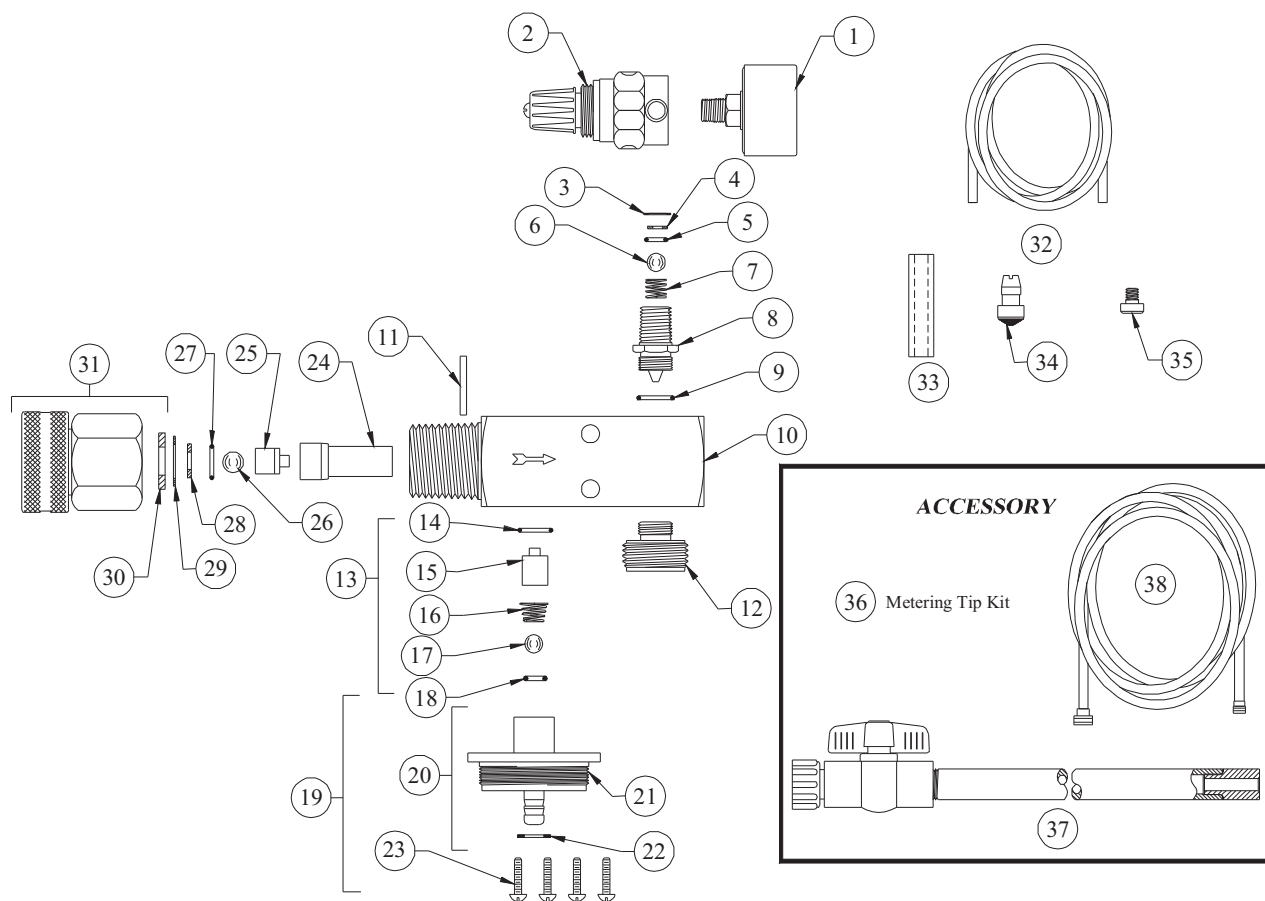


NO.	PART NO.	DESCRIPTION
1	29-10	HI-LO Screw (4 Req'd)
2	23-32T-2	Metering Knob
3	23-11V	Check Valve O-Rng (Viton)
4	29-9	Check Valve Ball (9/32" Dia. Viton)
5	23-9	Check Valve Spring
6	23-34-3	Check Valve Core
7	25-29V	Metering Knob O-Ring (Viton)
8	29-12	Check Valve Repair Kit
9	29-15	Pin
10	29-8	Outlet
11	29-6-1	Foamer Body
12	30-5V-14	O-Ring (Viton)
13	29-14	Air Nozzle Adapter
14	93-6-2	Air Check Valve Spring
15	26-49P	Ball 3/16" Dia. (Teflon)
16	90-35V	Air Check Valve O-Ring (Viton)
17	2917-3	Stainless Steel Washer
18	29-18-2	5/16" Snap Ring
19	93-1	Pressure Regulator
20	93-2	Pressure Gauge

NO.	PART NO.	DESCRIPTION
21	29-11	Diffuser
22	29-16	Water Nozzle
23	29-5P	Ball 3/16" Dia. (Rubber)
24	29-7	O-Ring (Viton)
25	29-17-2	Stainless Steel Washer
26	29-18-2	5/16 Snap Ring
27	150-6	Rubber Washer
28	93-19	Inlet Hose Adapter
29	100-12L	1/2" OD Vinyl Tubing x 8' Lg.
30	61-107	Ceramic Weight
31	24-11L	Foot Strainer
32	61-9K	Metering Tip Kit

NO.	PART NO.	DESCRIPTION
33	93-18	Plastic Foam Wand
34	93-14	3/4" ID 25' Lg. Outlet Hose

DEMA Model 294DDM Spray Foam

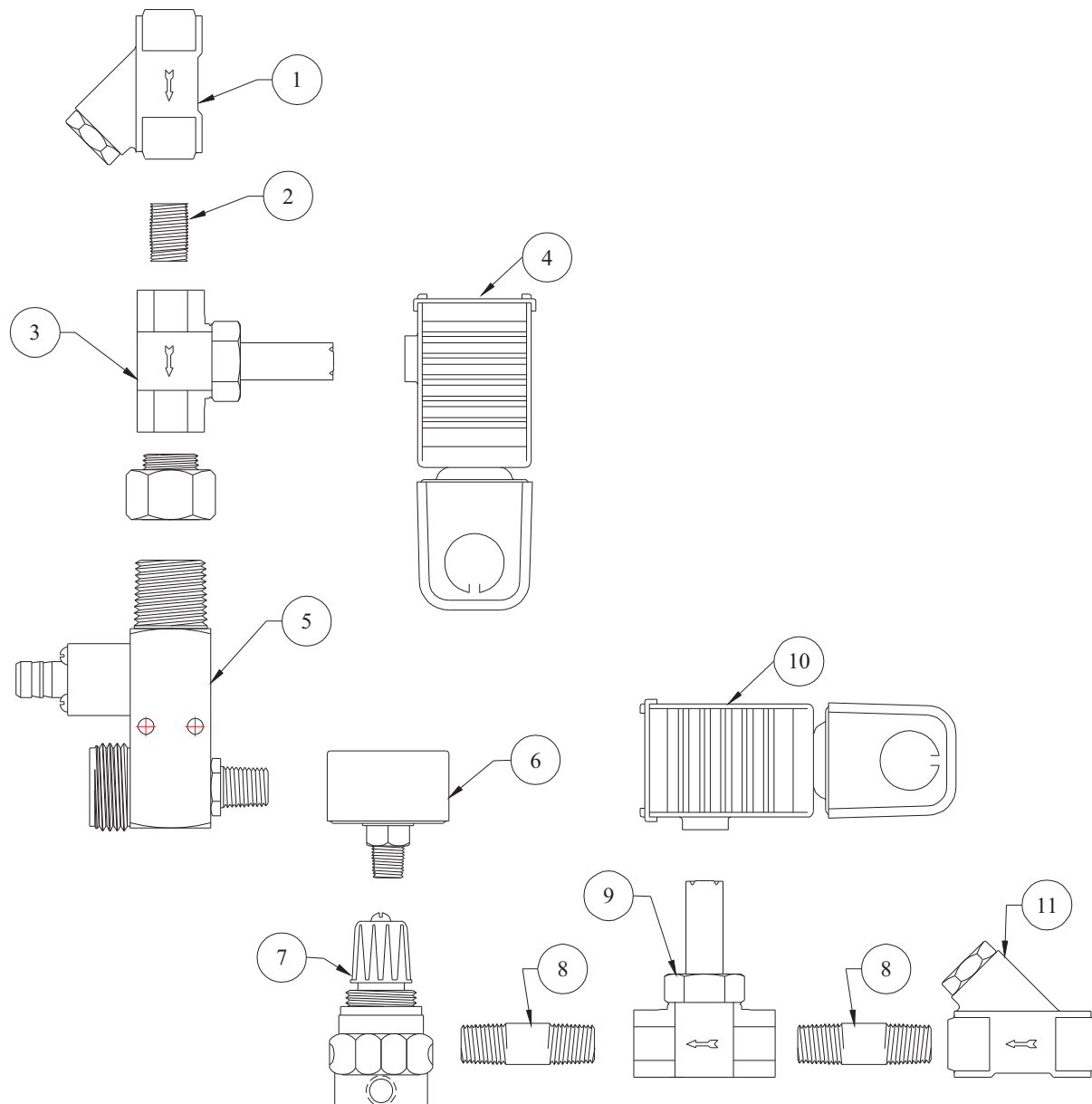


NO.	PART NO.	DESCRIPTION
1	93-2	Pressure Gauge
2	93-1	Pressure Regulator
3	29-18-2	5/16 Snap Ring
4	2917-3	Stainless Steel Washer
5	90-34V	Air Check Valve O-Ring (Viton)
6	26-49P	Ball 3/16" Dia. (Teflon)
7	93-6-2	Air Check Valve Spring
8	29-14	Air Nozzle Adapter
9	30-5V-14	O-Ring (Viton)
10	29-6-1	Foamer Body
11	29-15	Pin
12	29-8	Outlet
13	29-12	Check Valve Repair Kit
14	25-29V	Metering Knob O-Ring (Viton)
15	23-34-3	Check Valve Core
16	23-9-2	Check Valve Spring
17	23-10	Check Valve Ball (9/32" Dia. Stainless Steel)
18	23-11V	Check Valve O-Rng (Viton)
19	29-13	Drum Mount Kit
20	16-7	Drum Bung With Retaining Ring

NO.	PART NO.	DESCRIPTION
21	24-57T	Metering Knob Assy.
22	93-45	Snap Ring
23	29-10	HI-LO Screw (4 Req'd)
24	29-11	Diffuser
25	29-16	Water Nozzle
26	29-5P	Ball 5/16" Dia. (Rubber)
27	29-7	O-Ring (Viton)
28	29-17-2	Stainless Steel Washer
29	29-18-4	Snap Ring
30	150-6	Rubber Washer
31	93-19	Inlet Hose Adapter
32	100-12LS	1/2" OD Vinyl Tubing x 8' Lg.
33	61-107	Ceramic Weight
34	24-11L	Foot Strainer
35	61-9	Metering Tip (Specify Color)

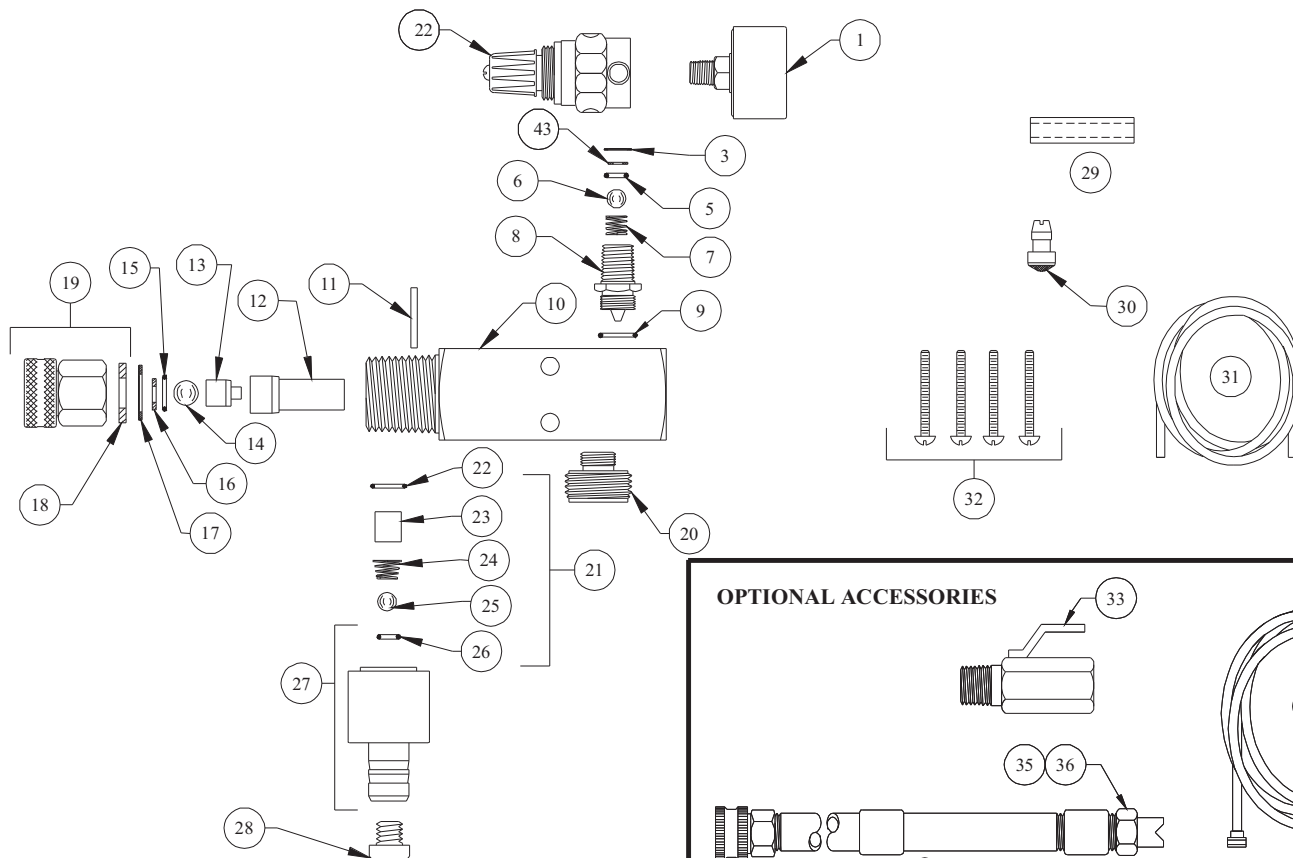
NO.	PART NO.	DESCRIPTION
36	61-9K	Metering Tip Kit
37	93-18	Plastic Foam Wand
38	93-14	3/4" ID 25' Lg. Outlet Hose

DEMA Model 294DV Spray Foam

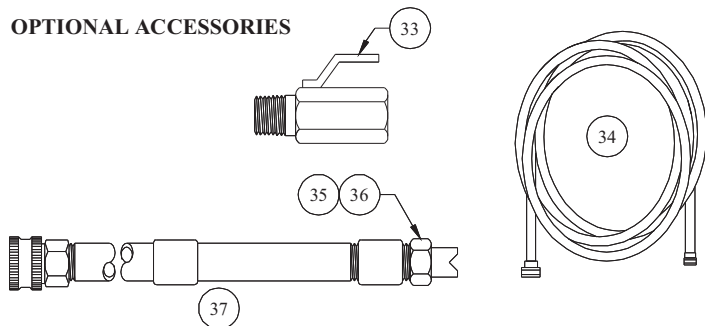


QTY.	PART NO.	DESCRIPTION
1	S3B-80	Line Strainer
2	66-31	3/8" NPT Close Nipple
3	412P	Solenoid Valve
4	41-9-2	Solenoid Coil Assembly (Specify Voltage)
5	294D	Foamer
6	93-2	Pressure Gage
7	93-1	Pressure Regulator
8	25-137-6U	1/4"NPT Close Nipple
9	401P	Solenoid Valve
10	41-9C-1	Solenoid Coil Assembly (Specify Voltage)
11	S2B-80	Line Strainer

DEMA Model 294DV Spray Foam



OPTIONAL ACCESSORIES



QTY.	PART NO.	DESCRIPTION
1	93-2	Pressure Gauge
2	93-1	Pressure Regulator
3	29-18-2	5/16 Snap Ring
4	29-17-1	Stainless Steel Washer
5	90-35V	Air Check Valve O-Ring
6	26-49P	Ball 3/16" Teflon
7	93-6-2	Air Check Valve Spring
8	29-14	Air Nozzle Adapter
9	30-5V-14	O-Ring
10	29-6-1	Foamer Body
11	29-15	Pin
12	29-11	Diffuser
13	29-16	Water Nozzle
14	29-5P	Ball 11/32" Dia.
15	29-7	O-Ring
16	29-17-3	Stainless Steel Washer
17	29-18-4	7/16 Snap Ring
18	150-6	Rubber Washer
19	93-19	Inlet Hose Adapter
20	29-8	Outlet

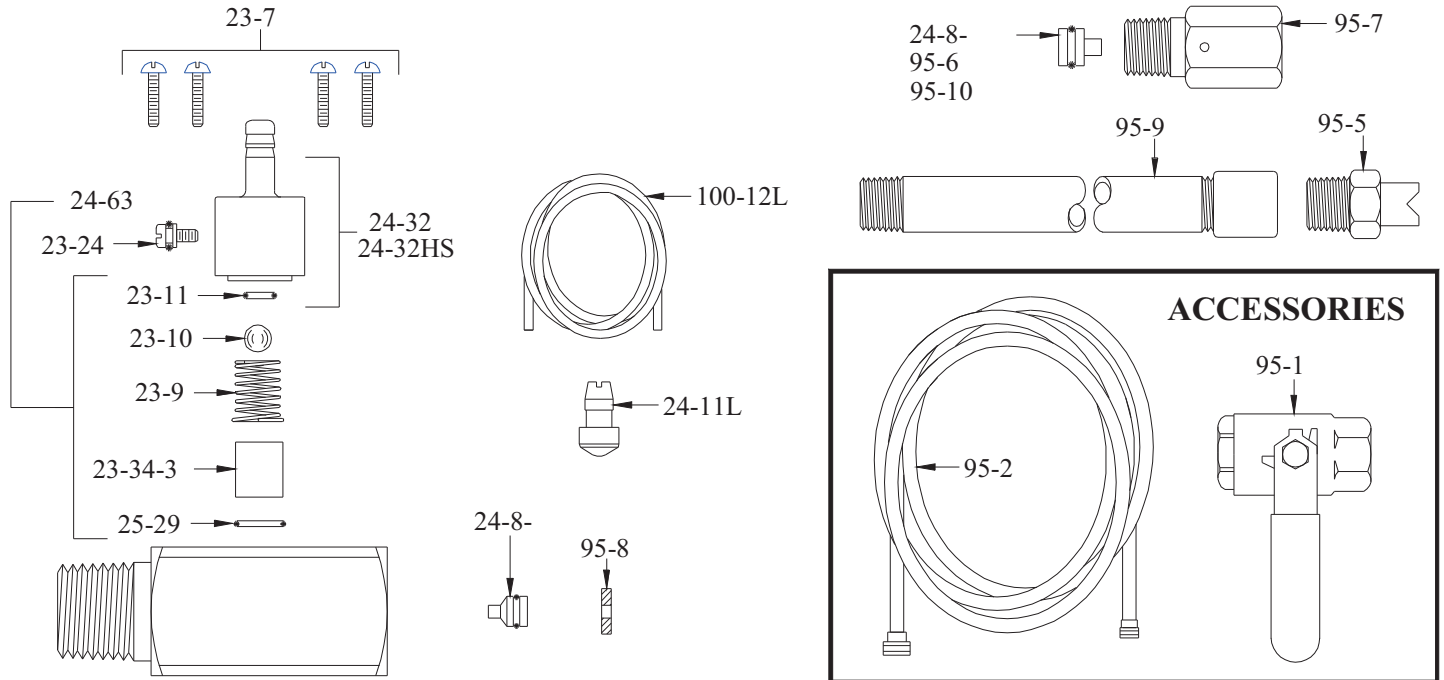
QTY.	PART NO.	DESCRIPTION
21	29-12	Check Valve Repair Kit
22	25-29V	Metering Knob O-Ring
23	23-34-3	Check Valve Core
24	23-9-2	Check Valve Spring
25	29-9	Check Valve Ball (9/32 Dia. Teflon)
26	23-11V	Check Valve O-Ring
27	23-32T-2	Metering Knob
28	61-9	Metering Tip (Specify Color) or
	61-9K	Metering Tip Kit
29	61-107	Ceramic Weight
30	24-11L	Foot Strainer
31	100-12L	1/2" OD Vinyl Tubing X 8' Lg.
32	29-10	HI-LO Screw (4 Req'd)

OPTIONAL ACCESSORIES

QTY.	PART NO.	DESCRIPTION
33	93-17-4	4' Lg. Spray Wand W/ Solid Stream Nozzle
34	93-24	Nozzle W/ Solid Stream (Supplied)
35	93-25	Nozzle W/ 40° Angle
36	93-14	3/4" ID X 25' Lg. Outlet Hose
37	90-15	Outlet Shutoff Valve

MODELS 295C-2, 295C-2 1/2, 295C-3

MODELS 295CS-2, 295CS-2 1/2, 295CS-3

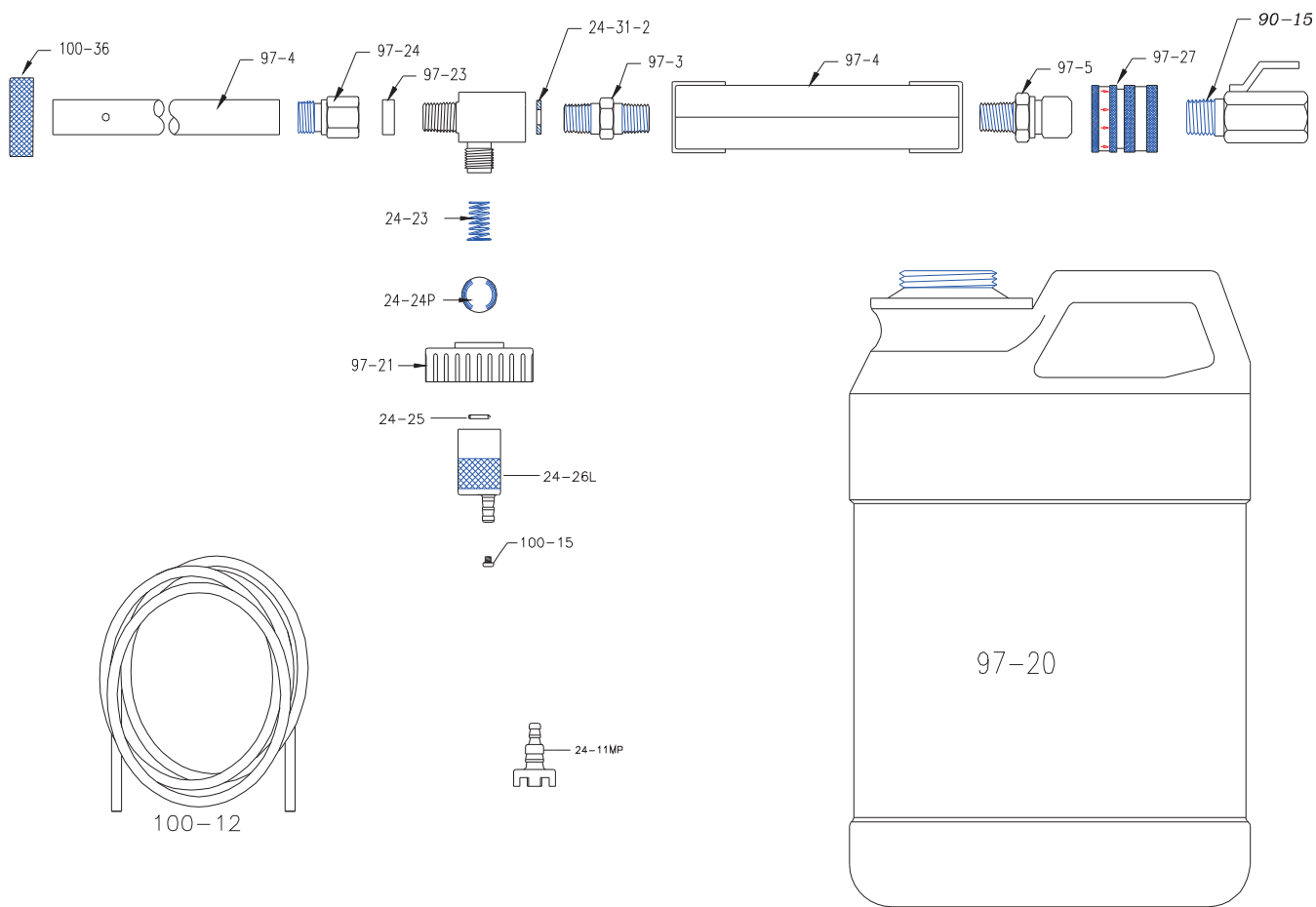


PART NO.	DESCRIPTION
23-7	SCREW #8-32, 1 LG. (4-REQD.)
23-9	CHECK VALVE SPRING
23-10	CHECK VALVE BALL
23-11	CHECK VALVE O-RING
23-24	METERING SCREW
23-32	METERING KNOB (INCLUDES METERING SCREW & O-RING)
23-32HS	METERING KNOB-STAINLESS STEEL (INCLUDES METERING SCREW & O-RING)
23-34-3	CHECK VALVE CORE
24-8-4	INJECTOR WATER NOZZLE (MODELS 295C-2 & 295CS-2)
24-8-5	INJECTOR WATER NOZZLE (MODELS 295C-2 1/2 & 295CS-2 1/2)
24-8-6	INJECTOR WATER NOZZLE (MODELS 295C-3 & 295CS-3)
24-8-8	AERATOR NOZZLE (MODELS 295C-3 & 295CS-3)
24-11L	FOOT STRAINER
24-63	REPAIR KIT
25-29	METERING KNOB O-RING
95-5	SPRAY NOZZLE
95-6	AERATOR NOZZLE(MODELS 295C-2 & 295CS-2)
95-7	AERATOR
95-8	BACK-UP WASHER
95-9	WAND & COUPLING
95-10	AERATOR NOZZLE (MODELS 295C-2 1/2 & 295CS-2 1/2)
100-12L	VINYL SUPPLY TUBING (1/2 O.D. X 8' LG.)

ACCESSORIES

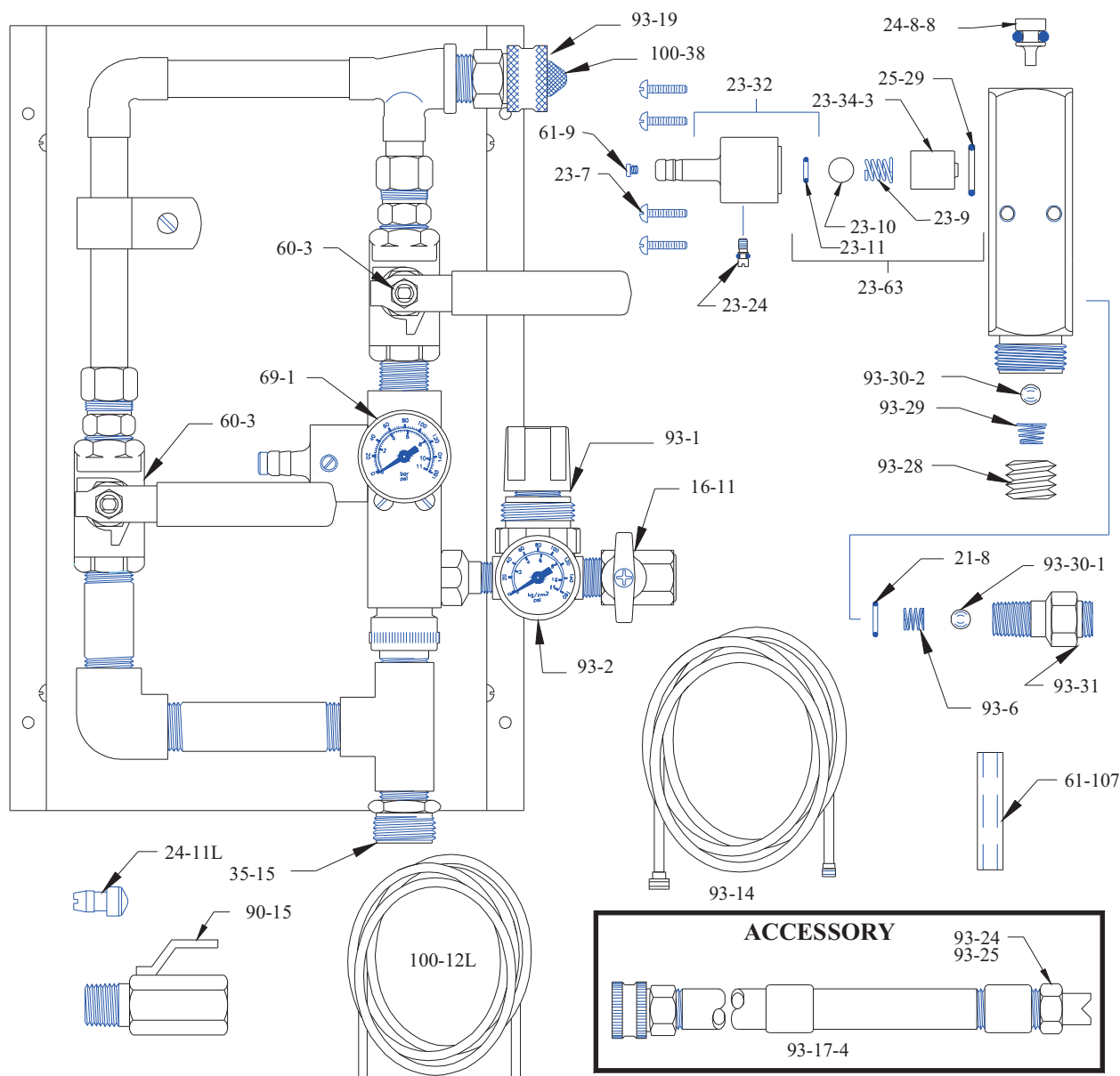
95-1	SHUTOFF VALVE
95-2	HIGH PRESSURE HOSE,(3/8 I.D. X 40' LG)

HANDI-FOAM DISPENSER, MODEL 297



PART NO.	DESCRIPTION
24-11MP	FOOT STRAINER
24-23	CHECK VALVE SPRING
24-24P	CHECK VALVE BALL
24-25	CHECK VALVE O-RING
24-26L-5	METERING KNOB
24-31-2	BACK UP WASHER
90-15	SHUT OFF VALVE
97-1	WAND
97-3	INLET ADAPTER
97-4	HANDLE ASSEMBLY
97-5	INLET QUICK DISCONNECT COUPLING
97-20	PLASTIC BOTTLE 5 QUARTS
97-21	BOTTLE CAP
97-22	100 MESH SCREEN
97-23	FLOW DISC
97-24	OUTLET ADAPTER
97-27	FEMALE QUICK DISCONNECT COUPLING
100-12-5	VINYL TUBING (1/4" ID X 8-1/2" LG.)
100-15	METERING TIP (SPECIFY COLOR)
100-15K	METERING TIP KIT (ALL 13 INCLUDED)

DEMA MODEL 691 AND 691T FOAMER INSTALLATION INSTRUCTION

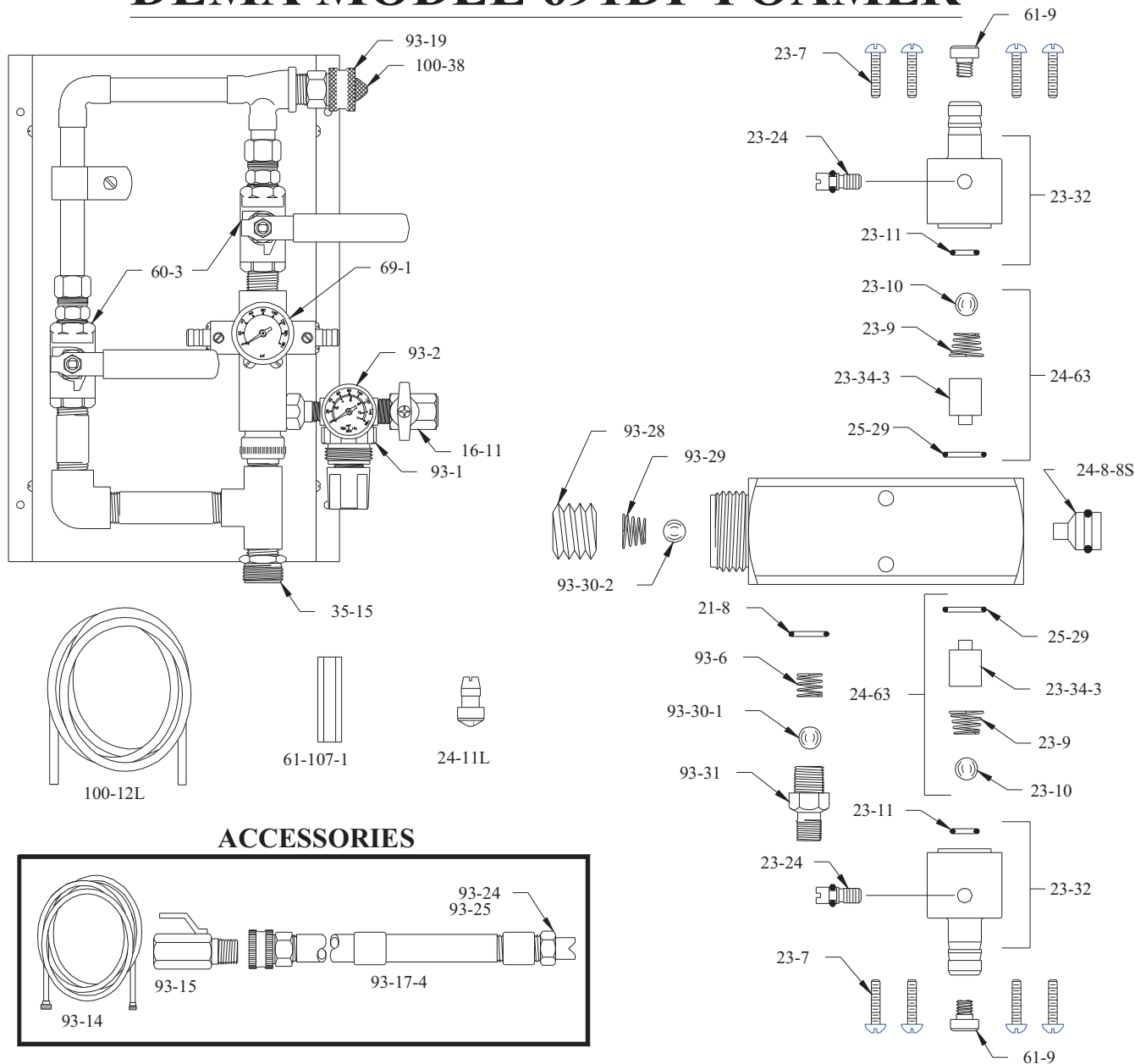


PART NO.	DESCRIPTION
16-11	BALL VALVE
21-8	AIR CHECK VALVE O-RING
23-7	MACHINE SCREW (4 REQ'D)
23-9	CHECK VALVE SPRING
23-10	CHECK VALVE BALL
23-11	CHECK VALVE O-RING
23-24	METERING SCREW
23-32	METERING KNOB W/ METERING SCREW
23-32T	METERING KNOB FOR METERING TIPS
23-34-3	CHECK VALVE CORE
24-8-8	WATER NOZZLE WITH O-RING
24-11L	FOOT STRAINER
24-63	CHECK VALVE REPAIR KIT
25-29	METERING KNOB O-RING
35-15	HOSE ADAPTER
60-3	BALL VALVE
61-9	METERING TIP (SPECIFY SIZE)
61-107	CERAMIC WEIGHT
69-1	WATER PRESSURE GAUGE
93-1	PRESSURE REGULATOR

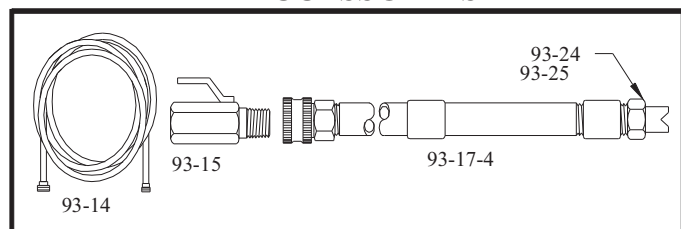
PART NO.	DESCRIPTION
93-2	PRESSURE GAUGE
93-6	AIR CHECK VALVE SPRING
93-19	GARDEN HOSE ADAPTER
93-28	SPRING RETAINER
93-29	SPRING
93-30-1	RUBBER BALL 1/4" DIA
93-31-2	RUBBER BALL .3125" DIA.
93-31	AIR INLET ADAPTER
93-32	FOAMER BODY
100-12L	VINYL TUBING (3/8" ID)
100-38	STRAINER WASHER
93-32	FOAMER BODY

OPTIONAL ACCESSORIES	
90-15	OUTLET SHUT OFF VALVE
93-14	25' OF 3/4" ID OUTLET HOSE
93-17-4	4' LONG SPRAY WAND WITH SOLID STREAM NOZZLE
93-24	NOZZLE WITH SOLID STREAM
93-25	NOZZLE WITH 40 ANGLE

DEMA MODEL 691DF FOAMER



ACCESSORIES



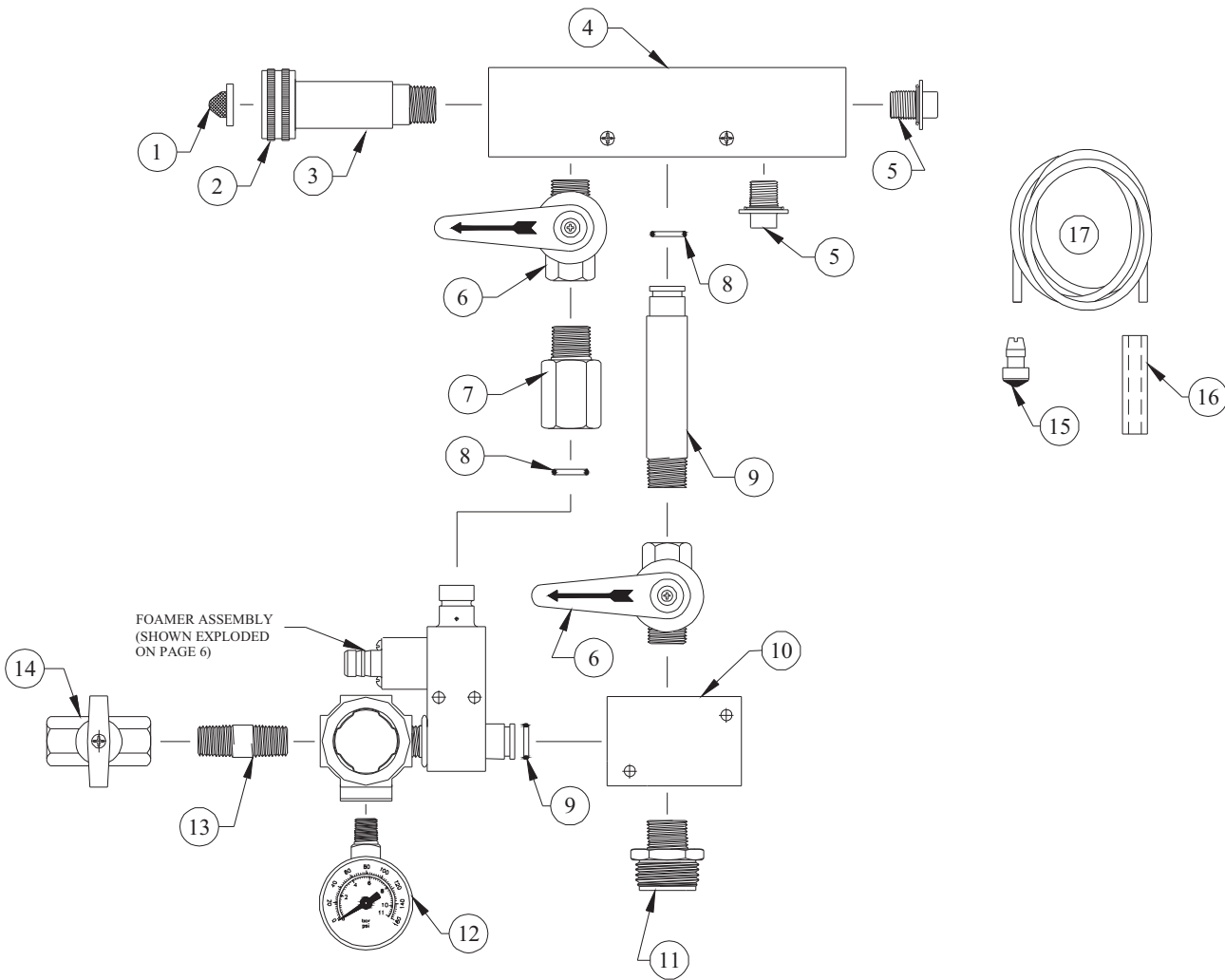
PART NO.	DESCRIPTION
16-11	BALL VALVE
21-8	AIR CHECK VALVE O-RING
23-7	MACHINE SCREW (8 REQD.)
23-9	CHECK VALVE SPRING
23-10	CHECK VALVE BALL
23-11	CHECK VALVE O-RING
23-24	METERING SCREW
23-32	METERING KNOB W/ METERING SCREW
23-32T	METERING KNOB FOR METERING TIPS
23-34-3	CHECK VALVE CORE
24-8-8S	WATER NOZZLE W/ O-RING
24-11L	FOOT STRAINER
24-63	CHECK VALVE REPAIR KIT
25-29	METERING KNOB O-RING
35-15	HOSE ADAPTER
60-3	BALL VALVE
61-9	METERING TIP (SPECIFY COLOR)
61-107-1	CERAMIC WEIGHT

PART NO.	DESCRIPTION
69-1	WATER PRESSURE GAGE
93-1	PRESSURE REGULATOR
93-2	PRESSURE GAGE
93-6	AIR CHECK VALVE SPRING
93-19	GARDEN HOSE ADAPTER
93-28	SPRING RETAINER
93-29	SPRING
93-30-1	RUBBER BALL 1/4" DIA
93-31	AIR INLET ADAPTER
100-12L	VINYL TUBING 3/8" I.D.
100-38	STRAINER WASHER

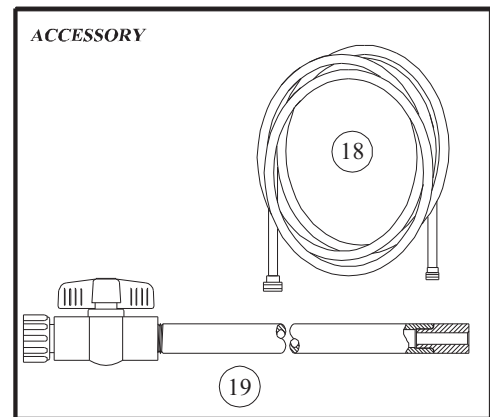
ACCESSORIES

90-15	OUTLET SHUT OFF VALVE
93-14	25' OF 3/4" I.D. OUTLET HOSE
93-17-4	4' LG. SPRAY WAND (W/SOLID STREAM NOZZLE)
93-24	NOZZLE W/ SOLID STREAM
93-25	NOZZLE W/ 40° ANGLE

DEMA MODEL 692T FOAM STATION I

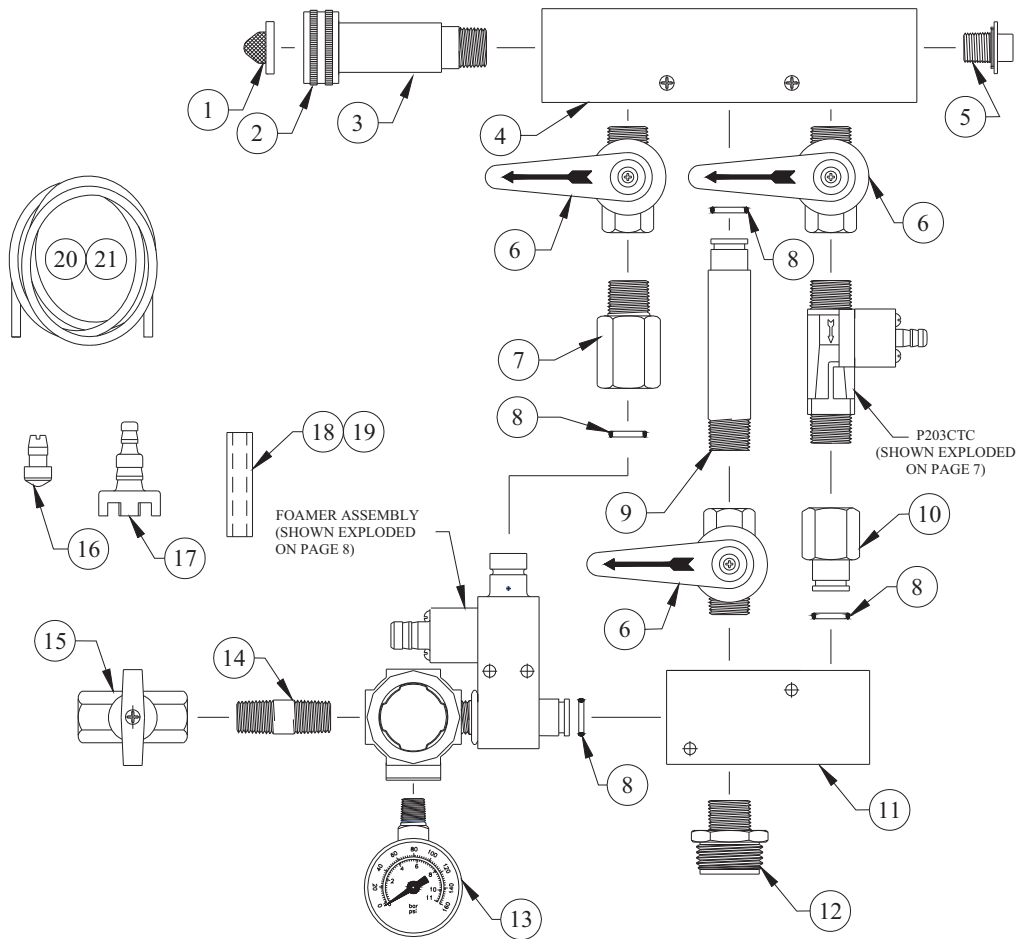


NO.	PART NO.	DESCRIPTION
1	100-38	Strainer Washer
2	65-10	Swivel Coupling
3	65-14	Swivel Adapter
4	69-8-2	Top Manifold
5	66-153	Pipe Plug & O-Ring Assy.
6	99-8-2	Valve Knob
7	69-2	Adapter
8	30-5-14	O-Ring (EP)
9	58-83-1	Pipe Adapter
10	69-7-1	Bottom Manifold
11	65-18-1	Outlet Fitting
12	93-2	Pressure Gauge
13	25-137-12	¼" NPT Nipple X 1 ½" Lg.
14	16-11	¼" NPT Ball Valve
15	24-11L	Foot Strainer
16	61-107	Ceramic Weight (3/8" ID Tubing)
17	100-12L	Vinyl Tubing (3/8" ID X 8 Ft. Long)

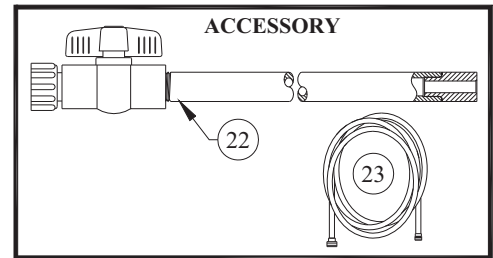


ACCESSORIES		
NO.	PART NO.	DESCRIPTION
18	93-14	¾"ID X 25' Lg. Outlet Hose
19	93-18	Plastic Foam Wand

DEMA[®] MODEL 693T FOAM STATION II



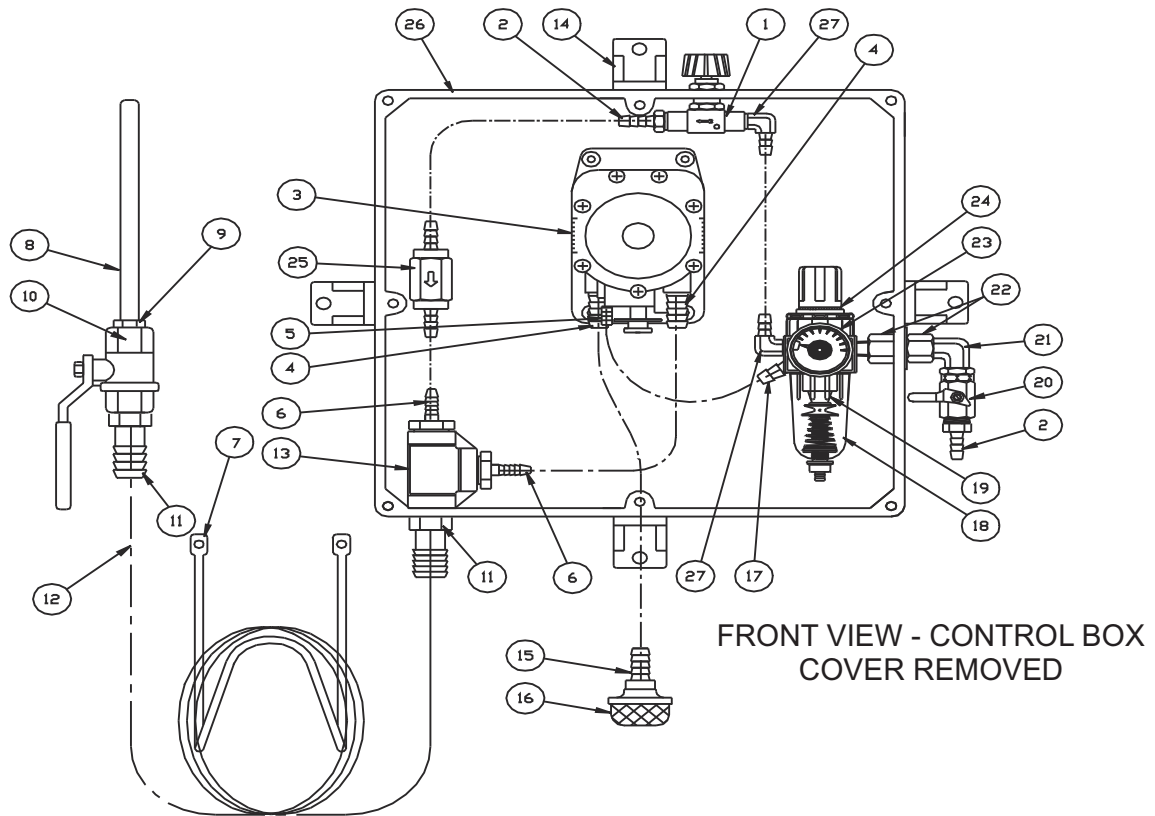
NO.	PART NO.	DESCRIPTION
1	100-38	Strainer Washer
2	65-10	Swivel Coupling
3	65-14	Hose Fitting – Medium Long
4	69-8-2	Top Manifold
5	66-153	Pipe Plug & O-Ring Assy.
6	99-8-2	Valve
7	69-2	Adapter
8	30-5-14	O-Ring (EP)
9	58-83-1	Pipe Adapter (3/8")
10	69-9-1	Adapter
11	69-4	Bottom Manifold
12	65-18-1	Outlet Fitting
13	93-15-2	Pressure Gauge
14	25-137-12	1/4" NPT Nipple X 1 1/2 Lg.
15	16-11	1/4" NPT Ball Valve
16	24-11L	Foot Strainer (For 3/8" ID Tubing)
17	24-11MP	Foot Strainer (For 1/4" ID Tubing)
18	61-107	Ceramic Weight (3/8" ID Tubing)
19	61-107-2	Ceramic Weight (1/4" ID Tubing)
20	100-12	Vinyl Tubing (1/4" ID X 8' Lg.)
21	100-12L	Vinyl Tubing (3/8" ID X 8' Lg.)



ACCESSORIES		
NO.	PART NO.	DESCRIPTION
22	93-18	Plastic Foam Wand
23	93-14	3/4" ID X 25' Lg. Outlet Hose

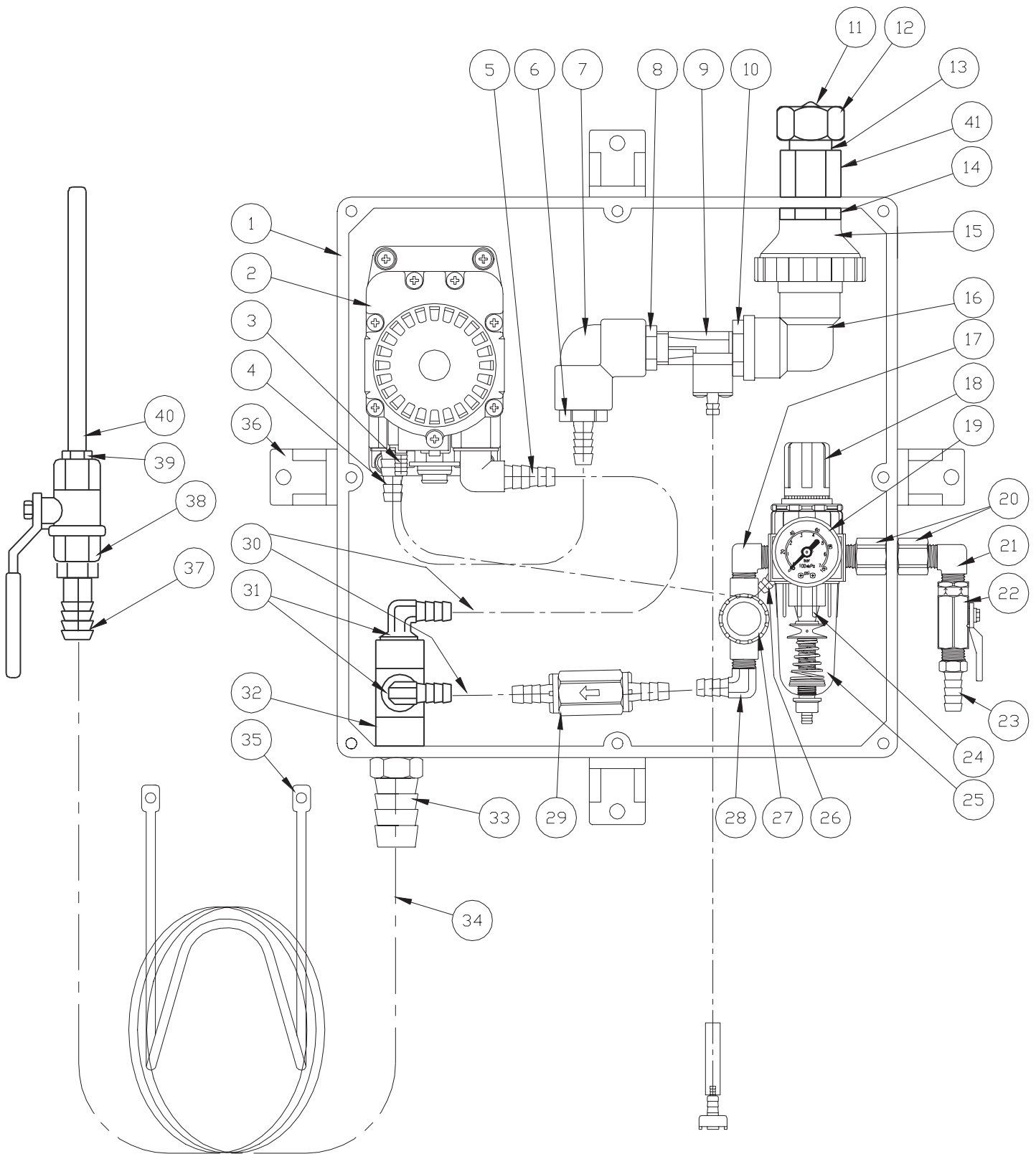
DEMA[®]

900-WALL



ITEM	PART NO.	DESCRIPTION
8-11	9SSWA38	S.S. WAND ASSEMBLY
1	9NV14Y	NEEDLE VALVE (WET FOAM / DRY FOAM)
2	9HBB1438	BRASS HOSE BARB 1/4"X3/8"
3	9P56	PUMP
4	9HB5638	PUMP HOSE BARB 3/8"
5	9HB14P	PUMP HOSE BARB 1/4"
6	9HBSS1238	S.S. HOSE BARB 1/2"X3/8"
7	9SSHH	S.S. HOSE HANGER
8	9W387	S.S. WAND 3/8"X7"
9	9HHSB1238	S.S. HEX HEAD BUSHING 1/2"X3/8"
10	9HV60	S.S. BALL VALVE 1/2"
11	9HBSS1234	S.S. HOSE BARB 1/2"X3/4"
12	9H34-50'	DISCHARGE HOSE 3/4" IDX50'
13	9SST12	S.S. TEE 1/2"
14	9PBFT	POLYETHYLENE BOX MOUNTING FOOT WITH SCREW
15	9HB1438	POLY HOSE BARB 1/4"X3/8"
16	9STR14	STRAINER
17	9HBBEL1814	BRASS HOSE BARB ELBOW 1/8"X1/4"
18	9ABR15	REPLACEMENT AIR BOWL
19	9ARF15	REPLACEMENT AIR FILTER ELEMENT
20	9BVB14	BRASS BALL VALVE 1/4"
21	9BEL14M14M	BRASS ELBOW 1/4"
22	9BA25	BRASS MALE / FEMALE ADAPTER 1/4"
23	9AG100	AIR PRESSURE GAUGE
24	9R15	AIR REGULATOR / FILTER UNIT (INCLUDES# 18 & 19)
25	9CV38	PVC CHECK VALVE
26	9PB12126	12X12X6 POLYETHYLENE BOX
27	9HBBEL1438	BRASS HOSE BARB ELBOW 1/4"X3/8"
28	9PL1212	12X12 POLYETHYLENE LID

900-WC



FRONT VIEW - CONTROL BOX
COVER REMOVED



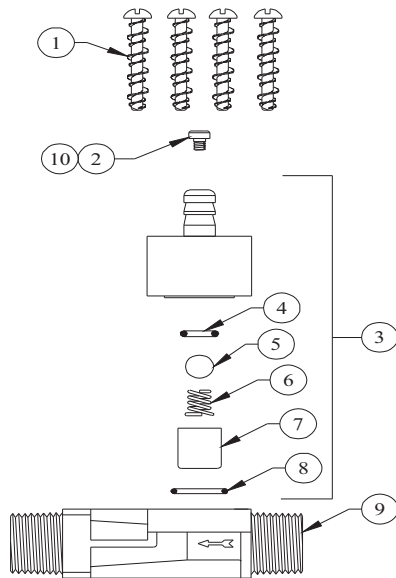
900-WC

PARTS LIST

ITEM	PART NO.	DESCRIPTION
1	9PB12126	12X12X6 POLYETHYLENE BOX
2	9P56	PUMP
3	9HB14P	PUMP AIR INLET HOSE BARB 1/4"
4	9HB5638	PUMP HOSE BARB 3/8"
5	9HBEL5638	PUMP HOSE BARB 3/8"
6	9HB1238	POLY HOSE BARB 1/2" MPT x 3/8" BARB
7	9PEL12F	POLY ELBOW 1/2" FPT
8	9HHPB1238	POLY BUSHING 1/2" MPT x 3/8" FPT
9	9P203CT	INJECTOR ASSEMBLY (INCLUDES INTAKE HOSE & TIP KIT)
	9P203CT-IH	REPLACEMENT INTAKE HOSE ASSEMBLY FOR P203CT
	9P203CT-TIPS	REPLACEMENT TIP KIT FOR P203CT
10	9HHPB3438	POLY BUSHING 3/4" MPT x 3/8" FPT
11	9STR34	GARDEN HOSE STRAINER
12	9SNB34GH	GARDEN HOSE SWIVEL NUT
13	9SA12B	SWIVEL ADAPTER 1/2" MPT
14	9HHBB34GH12	HEX HEAD BRASS BUSHING 3/4in MGH BY 12 FPT
15	9WR15G34	WATER PRESSURE REGULATOR - 3/4in FGH BY 3/4in MPT
16	9PEL34F	POLY ELBOW 3/4" FPT
17	9BEL14M14M	BRASS ELBOW 1/4" MPT
18	9R15	AIR PRESSURE REGULATOR & FILTER (INCLUDES # 24 & 25)
19	9AG100	AIR PRESSURE GAUGE
20	9BA25	ADAPTER 1/4" FPT x 1/4" MPT
21	9BEL14M14M	BRASS ELBOW 1/4" MPT
22	9BVB14	BALL VALVE 1/4" FPT
23	9HBB1438	HOSE BARB 1/4" MPT x 3/8" BARB
24	9AFR15	REPLACEMENT AIR FILTER ELEMENT
25	9ABR15	REPLACEMENT AIR BOWL
26	9HBBEL1814	HOSE BARB ELBOW 1/8" MPT x 1/4" BARB
27	9NV14Y	NEEDLE VALVE (WET FOAM / DRY FOAM)
28	9HBBEL1438	BRASS HOSE BARB ELBOW 1/4" MPT x 3/8" BARB
29	9CV38	PVC CHECK VALVE
30	9HBSSEL1238	304 S.S. 1/2in MPT BY 3/8in H.B. ELBOW
32	9SST12	S.S. TEE 1/2" FPT
33	9HBSS1234	S.S. HOSE BARB 1/2" MPT x 3/4" BARB
34	9H34-50'	FOAM DISCHARGE HOSE 3/4" ID x 50'
35	9SSH	S.S. HOSE HANGER
36	9PBFTS	POLYETHYLENE BOX MOUNTING FOOT WITH SCREW
37	9HBSS1234	S.S. HOSE BARB 1/2" MPT x 3/4" BARB
38	9HV60	S.S. BALL VALVE 1/2" FPT
39	9HHSB1238	S.S. HEX HEAD BUSHING 1/2" X 3/8"
40	9W387	STAINLESS STEEL WAND ASSEMBLY FOR 3/4in HOSE - 3/8in WAND
	9PL1212-WCSS	12X12 POLYETHYLENE LID & DECAL

DEMA[®] MODEL 901-693T-CH FOAM STATION II

BREAKDOWN OF P203CTC INJECTOR

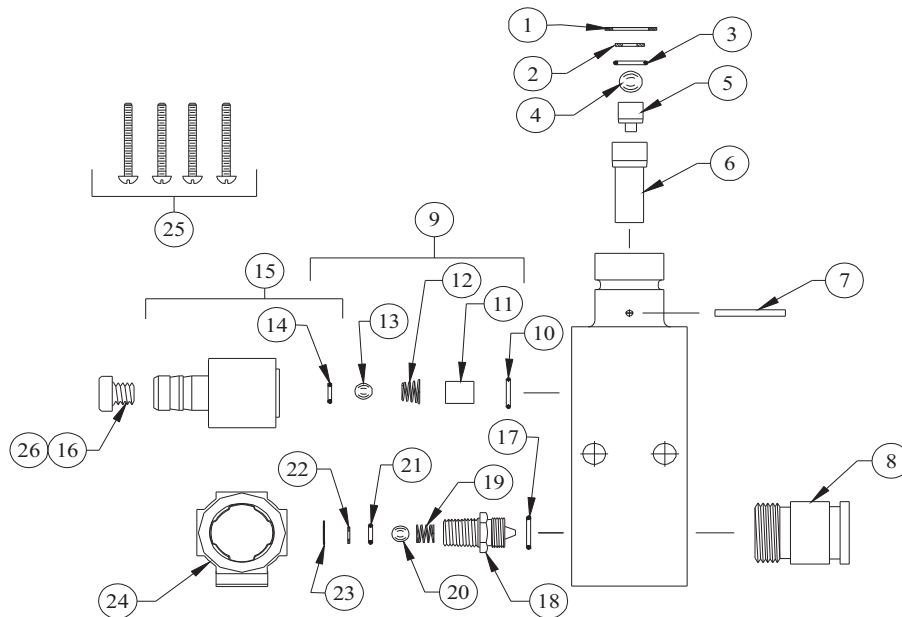


NO.	PART NO.	DESCRIPTION
1	24-67	Screw (Req'd 4)
2	100-15-	Metering Tip (Specify Color)
3	24-62-SP	Metering Knob Kit
4	24-25S	O-Ring - Silicone
5	24-24P	Check Valve Ball
6	24-23-2	Check Valve Spring - Hasteloy
7	24-34-7	Check Valve Core
8	25-29S	O-Ring - Silicone
9	24-68	Injector Body

ACCESSORIES

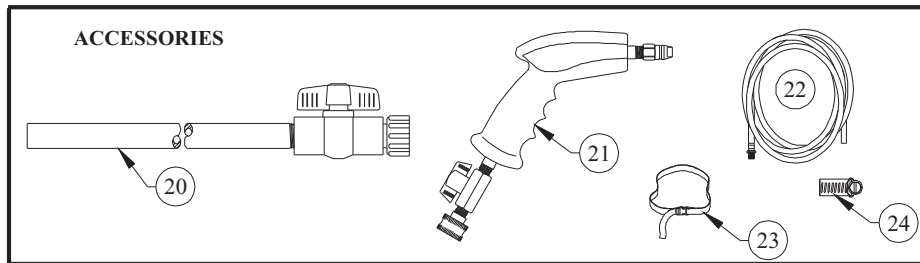
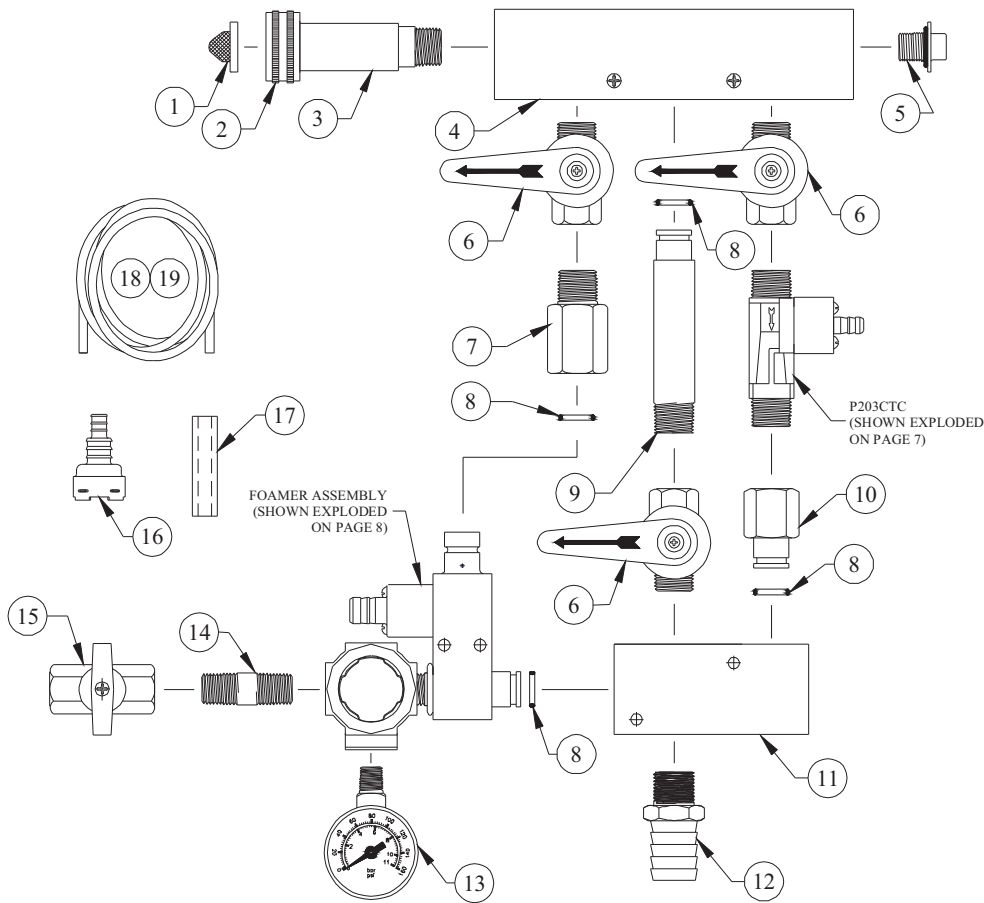
NO.	PART NO.	DESCRIPTION
10	100-15K	Metering Tip Kit

BREAKDOWN OF FOAMING INJECTOR



N0.	PART N0.	DESCRIPTION	N0.	PART N0.	DESCRIPTION
1	29-18-4	7/16 Internal Snap Ring	16	61-9-	Metering Tip (Specify Color)
2	29-17-2	Washer (S.S.) - Air Nozzle	17	30-5V-14	O-Ring - Viton
3	29-7	O-Ring	18	29-14	Air Nozzle
4	29-5P	Ball 11/32" Dia. - Teflon	19	93-6-2	Air Check Valve Spring - Hasteloy
5	29-16	Nozzle	20	26-49P	Ball 3/16" - Teflon
6	29-11	Diffuser	21	90-35V	Air Check Valve O-Ring - Viton
7	29-15-2	Pin	22	29-17-3	Washer (S.S.) - Foamer Inlet
8	69-3	Adapter	23	29-18-2	5/16 Internal Snap Ring
9	29-12	Check Valve Repair Kit	24	93-1	Pressure Regulator
10	25-29V	Metering Knob O-Ring - Viton	25	29-10	HI-LO Screw (4 Req'd)
11	23-34-3	Check Valve Core	ACCESSORIES		
12	23-9-2	Check Valve Spring - Hasteloy			
13	23-10	Ball (9/32 Diameter) - Stainless Steel			
14	23-11V	Check Valve O-Ring - Viton			
15	23-32T	Metering Knob			
N0.	PART N0.	DESCRIPTION	N0.	PART N0.	DESCRIPTION
26	61-9K	Metering Tip Kit			

DEMA[®] MODEL 901-693T-CH FOAM STATION II

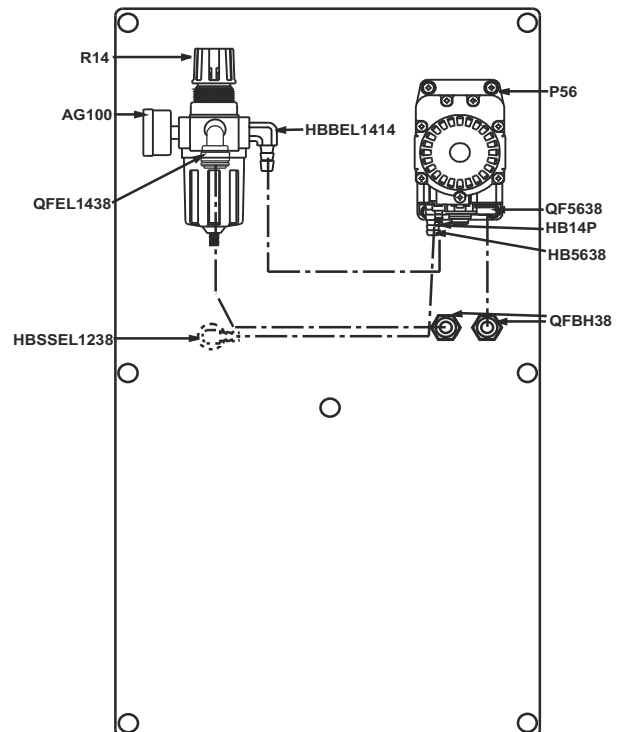
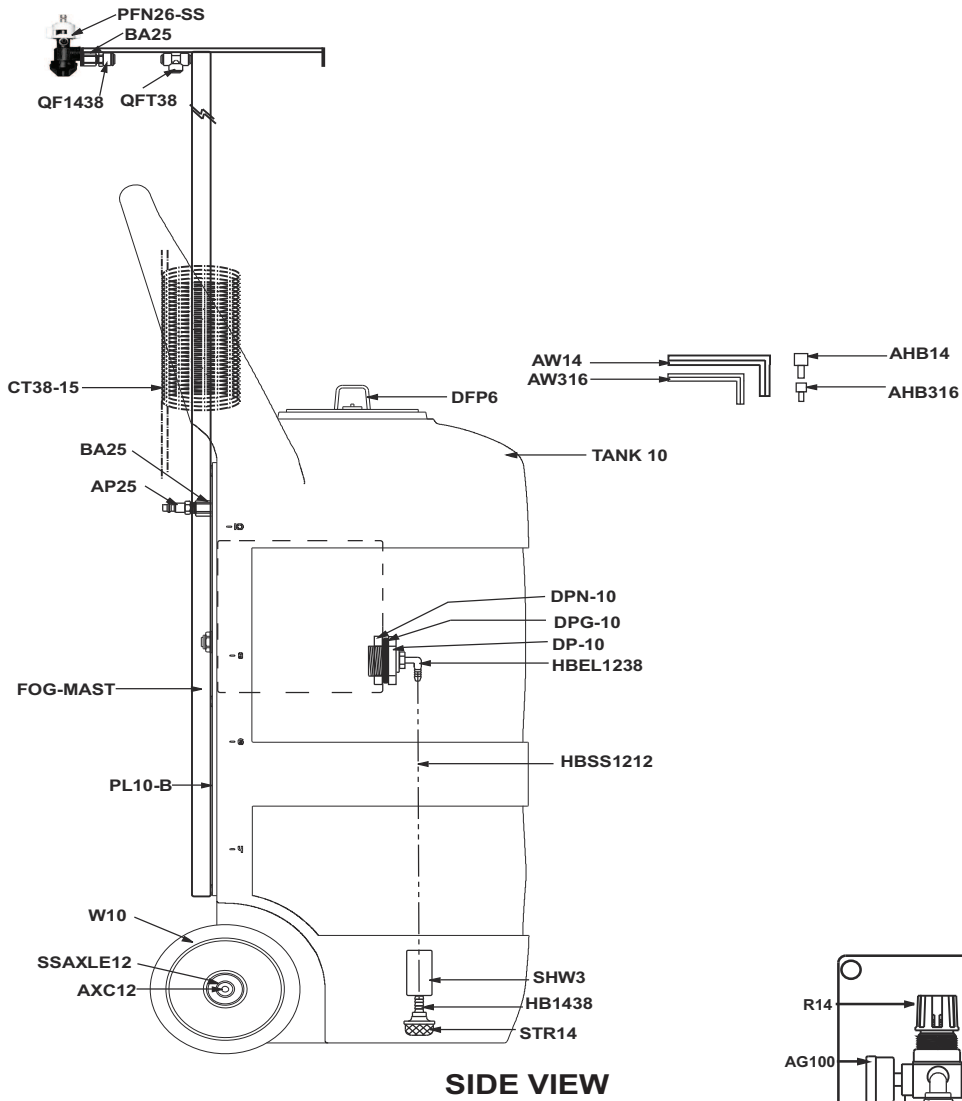


NO	PART NO.	DESCRIPTION
1.	100-38	Strainer Washer
2.	65-10-2	Swivel Coupling
3.	65-14-2	Hose Fitting – Medium Long
4.	69-8-1	Top Manifold
5.	66-153	Pipe Plug & O-Ring Assy.
6.	99-8-1	Valve
7.	69-2	Adapter
8.	30-5-14	O-Ring - EP
9.	58-83-1	Pipe Adapter (3/8")
10.	69-9-1	Adapter
11.	69-4	Bottom Manifold
12.	65-19-1	Hose Adapter
13.	93-15-2	Pressure Gauge
14.	25-137-12	¼" NPT Nipple X 1 ½" Lg.
15.	16-11	¼" NPT Ball Valve

*Quantities are 1 Each unless noted

NO	PART NO.	DESCRIPTION
16.	100-16E	Foot Valve
17.	61-107-2	Ceramic Weight
18.	100-12	¼" ID X 8' Vinyl Tubing (for 66-151GAP-2CS)
19.	66-28	¼" ID X 21" Vinyl Tubing (for 662-639GAP-2CS)

ACCESSORIES		
NO	PART NO.	DESCRIPTION
20.	93-18QD	Foam Wand Assembly
21.	40-14QD-3	Spray Gun Assembly
22.	44-6N-31-1	Braided Hose 30 Ft.
23.	901-1-1	Strap
24.	73-2-13	Hose Clamp





910-FOG

PARTS LIST

PART NO.	DESCRIPTION
9AHB14	HEX HEAD 1/4 INCH SCREW
9AHB316	HEX HEAD 3/16 INCH SCREW
9AG100	1.5in DRY MODEL 20 DUAL SCALE GAUGE
9AP25	PLUG 1/4 NPTM AIR FITTING - BRASS
9AW316	3/16 INCH ALLEN WRENCH
9AW14	1/4 INCH ALLEN WRENCH
9AXC12	1/2in PUSH NUT FOR AXLE CAP
9BA25	MALE/FEMALE ADAPTER 1/4 X 1/4
9CT38-15	3/8 INCH X 15 FT COILED BLACK AND CLEAR TUBING
9DFP6	6 INCH THREADED CAP FOR 10 GALLON UNIT
9DPG-10	BULKHEAD GASKET
9DP-10	BULKHEAD BODY 1/2 FPT
9DPN-10	BULKHEAD RETAINING NUT
9FOG-IT MAST	TELESCOPING FOGGING MAST
9HB5638	HOSE BARB FOR P56 PUMP
9HB14P	1/4in BRASS HB AIR FITTING
9HB1438	1/4in MPT X 3/8in HOSE BARB (PLASTIC)
9HBEL1238	HOSE BARB ELBOW 1/2 X 3/8
9HBBEL1414	1/4 BRASS HOSE BARB X 1/4 PIPE ELB
9HBSSEL1238	304 S.S. 1/2in MPT BY 3/8in H.B. ELBOW
9HBSS1212	STAINLESS HOSE BARB 1/2 X 1/2
9P56	5700 SANTO PUMP
9PFN26-SS	PNEUMATIC FOG NOZZLE WITH STAINLESS STEEL TIP - HIGH FLOW
9PL10-12	PLASTIC PLATE FOR FI-10 UNIT
9QF5638	3/8in QF PUMP FITTING / G57
9QF1438	MALE CON. 3/8in TUBE X 1/4in MPT - POLYPROPYLENE
9QFBH38	QF 3/8 IN BULKHEAD FITTING
9QFEL1438	FIXED ELBOW 3/8in TUBE X 1/4in MPT - POLYPROPYLENE
9QFT38	UNION TEE 3/8in TUBE
9R14	FILTER REGULATOR COMBO INCLUDES AFR15 AND ABR15
9SHW3	3in LONG COATED WEIGHT
9STR14	40 MESH SUCTION LINE STRAINER
9SSAXLE12	12 9/16IN x 1/2IN STAINLESS STEEL AXLE FOR 10 GALLON UNIT
9TANK 10	10 GALLON ROTOMOLDED TANK
9W10	6 in wheel X 1.25 in TPR Celcon Brg 1/2 in Axle



MIXRITE PUMPS

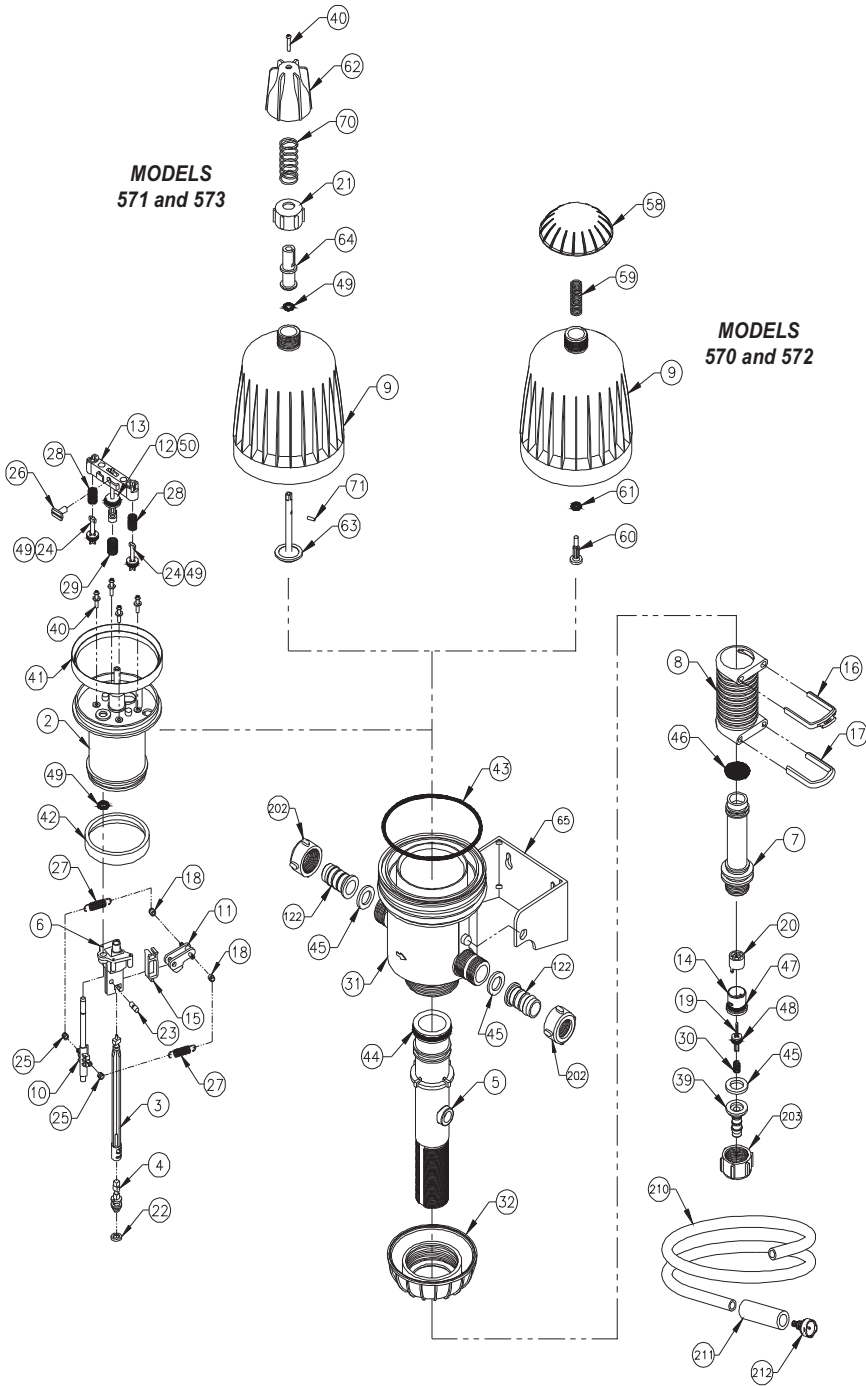
CW MODELS

CL MODELS

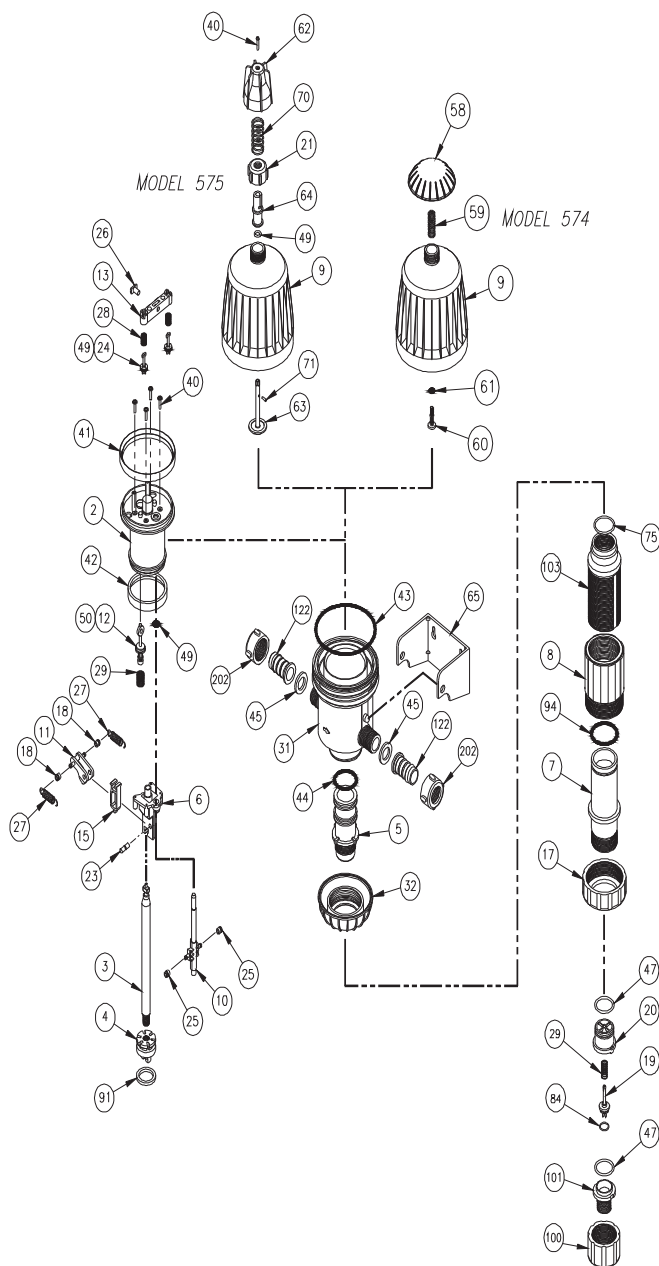
PVDF

DROP STATION

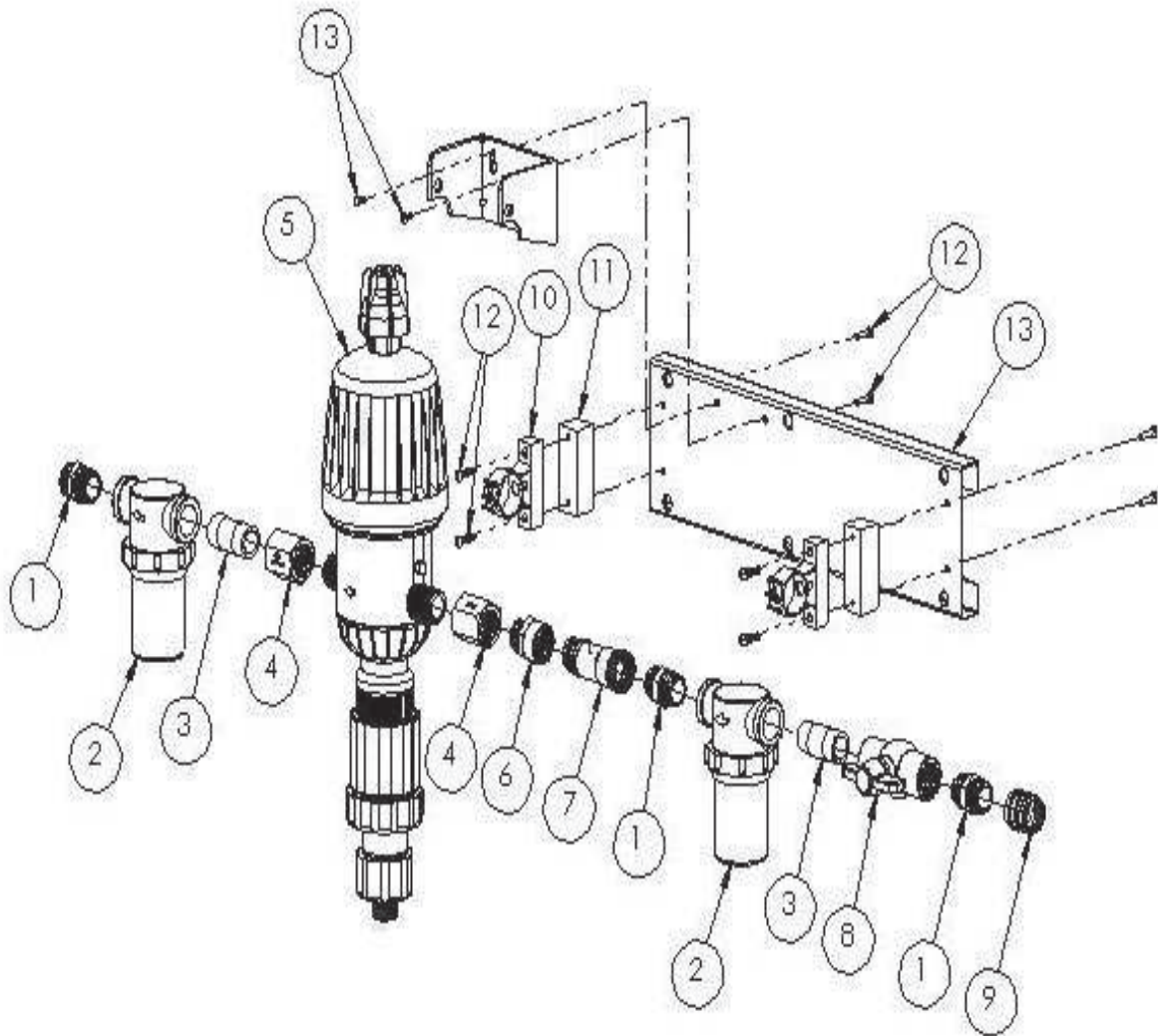
DEMA MIXRITE PROPORTIONING PUMP MODELS 570(CW), 571(CW), 572(CW), & 573(CW)



NO.	DESCRIPTION	NO.	DESCRIPTION
2	Piston Body	31	Body
3	Bar	32	Cylinder Support Nut
4	Piston	39	3/8" Barb Hose Connector
5	Cylinder Support	40	Hi-Lo Screw
6	Base	41	Upper Lip Seal
7	Cylinder (570, 571)	42	Lower Lip Seal
	Cylinder (572, 573)	43	Cover O-Ring
8	Adjustment Sleeve	44	Cylinder Support O-Ring
9	Cover	45	Washer Flat
10	Ejector Pin	46	Cylinder Support O-Ring (570,571)
11	Cylinder Toggle		Cylinder Support O-Ring (572,573)
12	Center Valve	47	Check Valve Lower O-Ring
13	Valve Bridge	48	Check Valve Upper O-Ring
14	Check Valve	49	Outer Cylinder O-Ring
15	Cylinder Frame	50	Outer Valve O-Ring
16	Latch - Upper	58	Air Release Cover (570, 571)
17	Nut Latch - Lower	59	Air Release Spring (570, 571)
18	Cylinder Toggle Slide	60	Air Release Screw (570, 571)
19	Check Valve Pin	61	Air Release O-Ring (570, 571)
20	Check Valve Lid	62	Rinse On/Off Knob (571, 573)
21	Nut (571, 573)	63	Push Rod
22	Seal	64	Top Valve (571, 573)
23	Cylinder Axle	65	Mounting Bracket
24	Outer Cylinder Valve	70	Compression Spring (571, 573)
25	Ejector Sled	71	Locking Pin (571, 573)
26	Pin	200	3/4" BSP Hose Nut
27	Cylinder Spring	122	3/4" Hose Barb Connector
28	Outer Cylinder Valve Spring	202	3/4" BSP Hose Nut (Water Inlet)
29	Center Valve Spring	203	3/4" BSP Hose Nut (Chemical Inlet)
30	Check Valve Spring		

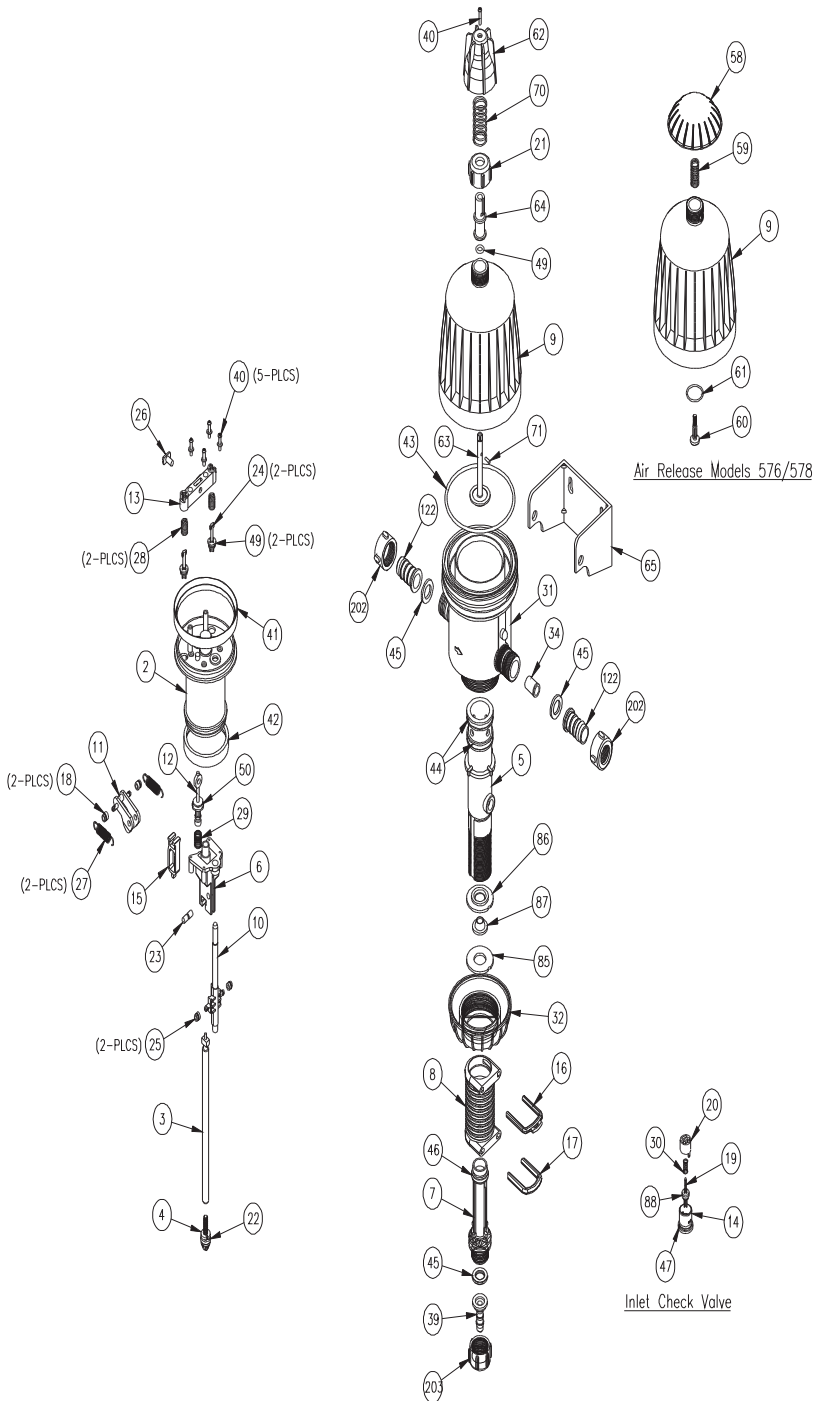
DEMA**DEMA MIXRITE PROPORTIONING PUMP****MODELS 574 & 575****574CL & 575CL FOR CORROSIVE LIQUID CHEMICALS**

NO.	DESCRIPTION	NO.	DESCRIPTION
2	Piston Body	43	Cover O-Ring (2-243)
3	Bar	44	Cylinder Support O-Ring (2-220)
4	Piston	45	Washer Flat
5	Cylinder Support	49	Outer Cylinder O-Ring (2-109)
6	Base	50	Outer Valve O-Ring (10mm X mm)
7	Cylinder	58	Air Release Cover (574)
8	Adjustment Sleeve	59	Air Release Spring (574)
9	Cover	60	Air Release Screw (574)
10	Ejector Pin	61	Air Release O-Ring 2-107 (574)
11	Cylinder Toggle	62	Rinse On/Off Knob (575)
12	Center Valve	63	Push Rod
13	Valve Bridge	64	Top Valve (575)
15	Cylinder Frame	65	Mounting Bracket
17	Nut Latch - Lower	70	Compression Spring (575)
18	Cylinder Toggle Slide	71	Locking Pin (575)
21	Nut (575)	75	O-Ring
23	Cylinder Axle	81	Check Valve
24	Outer Cylinder Valve	84	Check Valve O-Ring
25	Ejector Sled	91	Seal
26	Pin	92	O-Ring
27	Cylinder Spring	93	O-Ring
28	Outer Cylinder Valve Spring	94	O-Ring
29	Center Valve Spring	101	Check Valve Housing
31	Body	100	Check Valve Nut
32	Cylinder Support Nut	102	Check Valve Sleeve
39	3/8" Barb Hose Connector	103	Cylinder
40	Hi-Lo Screw	122	3/4" Hose Barb Connector
41	Upper Lip Seal	202	3/4" BSP Hose Nut (water in and out)
42	Lower Lip Seal		



NO.	DEMA NO.	DESCRIPTION
1	57.122.1	¾" TO MGH ADAPTER
2	50.41.1	MIXRITE STRAINER
3	36.31.1	¾" PVC PIPE NIPPLE
4	57.43	¾" X ¾" FEMALE COUPLING
5	574CL	574 MIXRITE PUMP
6	57.108.1	FGH TO ¾" ADAPTER
7	85.23.2	PRESSURE REGULATOR
8	93.180.2	¾" BALL VALVE, PVC
9	57.41	FGH TO FGH SWIVEL
10	95.22	¾" CONDUIT CLAMP
11	57.20.4	MEDIUM SPACER BLOCK
12	66.53.2	#10 PHIL. HEAD SCREW.
13	41.63.2	8-32 PHIL. HEAD SCREW

DEMA MIXRITE PROPORTIONING PUMP MODELS 576IN, 577IN, 578IN & 579IN



NO.	DESCRIPTION	NO.	DESCRIPTION
2	Piston Body	41	Upper Lip Seal
3	Bar	42	Lower Lip Seal
4	Piston	43	Cover O-Ring
5	Cylinder Support	44	Cylinder Support O-Ring
6	Base	45	Washer Flat
7	Cylinder (576, 577) Cylinder (578, 579)	46	Cylinder Support O-Ring (576, 577) Cylinder Support O-Ring (578, 579)
8	Adjustment Sleeve (Yellow)	47	Check Valve Lower O-Ring
9	Cover	49	Outer Cylinder O-Ring
10	Ejector Pin	50	Outer Valve O-Ring
11	Cylinder Toggle	58	Air Release Cover (576, 577)
12	Center Valve	59	Air Release Spring (576, 577)
13	Valve Bridge	60	Air Release Screw (576, 577)
14	Check Valve	61	Air Release O-Ring (576, 577)
15	Cylinder Frame	62	Rinse On/Off Knob (578, 579)
16	Latch - Upper	63	Push Rod
17	Nut Latch - Lower	64	Top Valve (578, 579)
18	Cylinder Toggle Slide	65	Mounting Bracket
19	Check Valve Pin	67	O-Ring
20	Check Valve Lid	69	Nut
21	Nut (577, 579)	70	Compression Spring (578, 579)
22	Seal	71	Locking Pin (578, 579)
23	Cylinder Axle	79	By-Pass Tube
24	Outer Cylinder Valve	80	By-Pass Body
25	Ejector Sled	81	Check Valve
26	Pin	82	Check Valve Spring
27	Cylinder Spring	83	Check Valve Sleeve
28	Outer Cylinder Valve Spring	84	Check Valve O-Ring
29	Center Valve Spring	85	Flat Washer
30	Check Valve Spring	86	Terraced Adapter for Conical Seal
31	Body	87	Conical Seal for Bypass Bar
32	Cylinder Support Nut	88	O-Ring 2-108 Viton
34	Tube For Internal Bypass	122	3/4" Hose Barb Connector
39	3/8" Barb Hose Connector	202	3/8" BSP Hose Nut (water in and out)
40	Hi-Lo Screw	203	3/8" BSP Hose Nut (chemical in)

570 SERIES MODELS **DEMA MIXRITE WALL MOUNT & CART MOUNT UNITS**

MOUNTING HOLES & BOX DIMENSIONS.

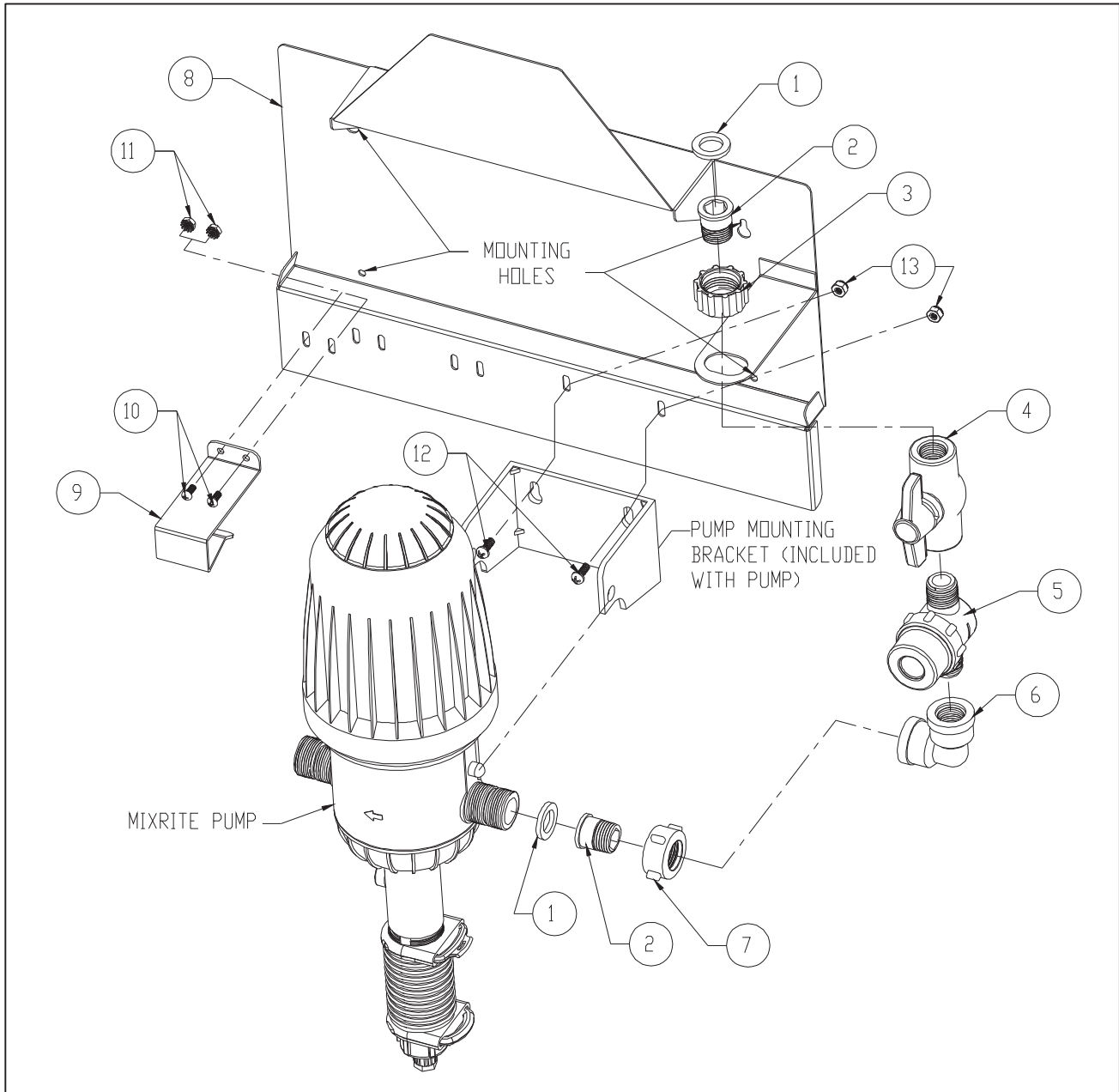
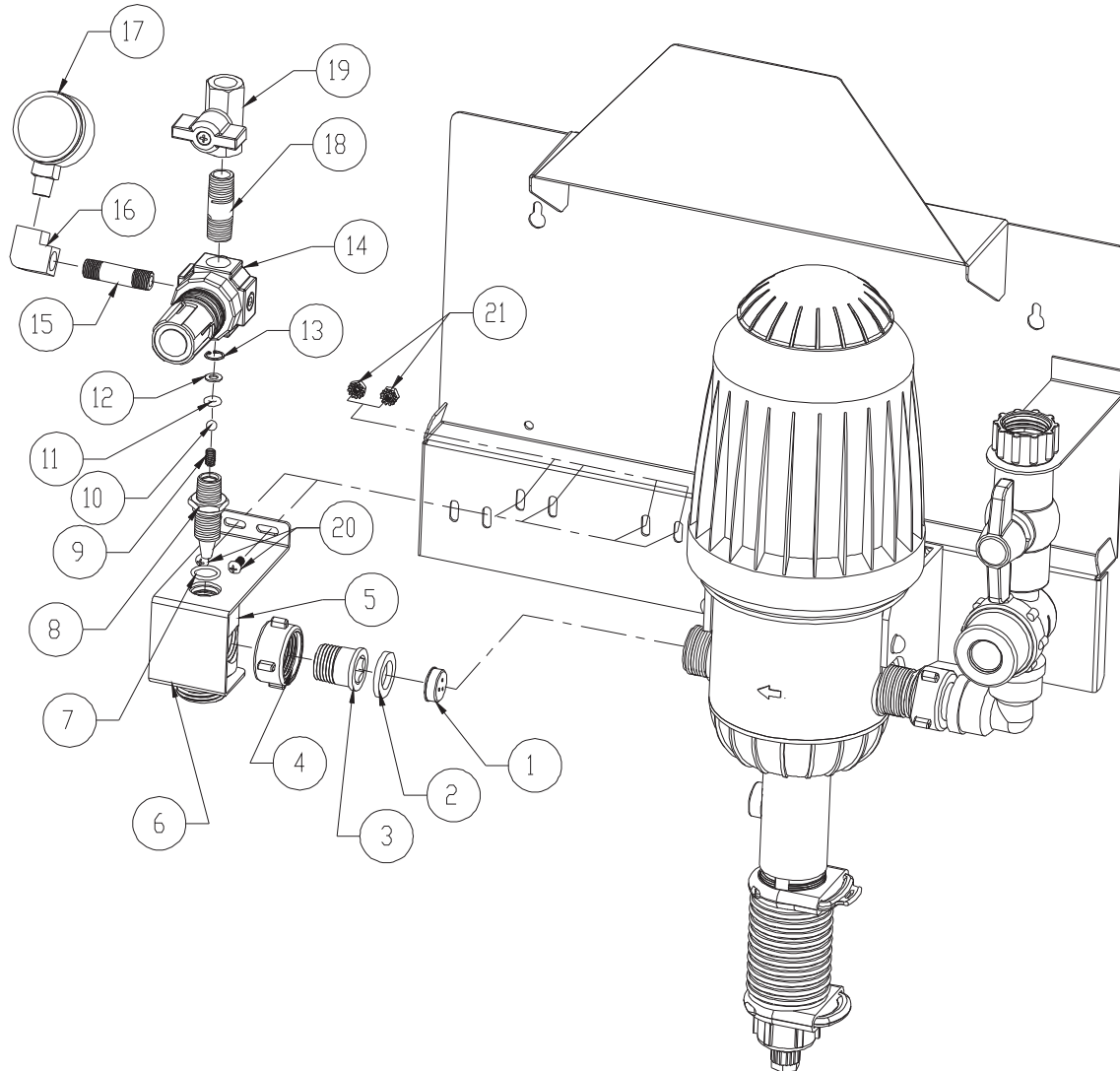


FIGURE 1

NO.	PART NO.	DESCRIPTION	NO.	PART NO.	DESCRIPTION
1	150-6	Rubber Washer – E.P.	8	57-100-1	Mounting Plate
2	93-183-1	Hose Stem Adapter	9	57-104-1	Outlet Hose Bracket
3	93-182-1	Hose Swivel Nut	10	41-63-2	#8-32 X 3/8" Long Screw
4	93-180-1	1/2" NPT Plastic Ball Valve	11	36-32-1	#8-32 Nut W/Lock Washer
5	57-101-1	Inline Strainer	12	57-105-2	#10-24 X 1/2" Long Screw
6	57-102-1	1/2" NPT Plastic Elbow	13	57-106-1	#10-24 Locking Nut
7	57-110-1	BSPT Hose Swivel Nut			

570 SERIES MODELS DEMA MIXRITE WALL MOUNT & CART MOUNT UNITS

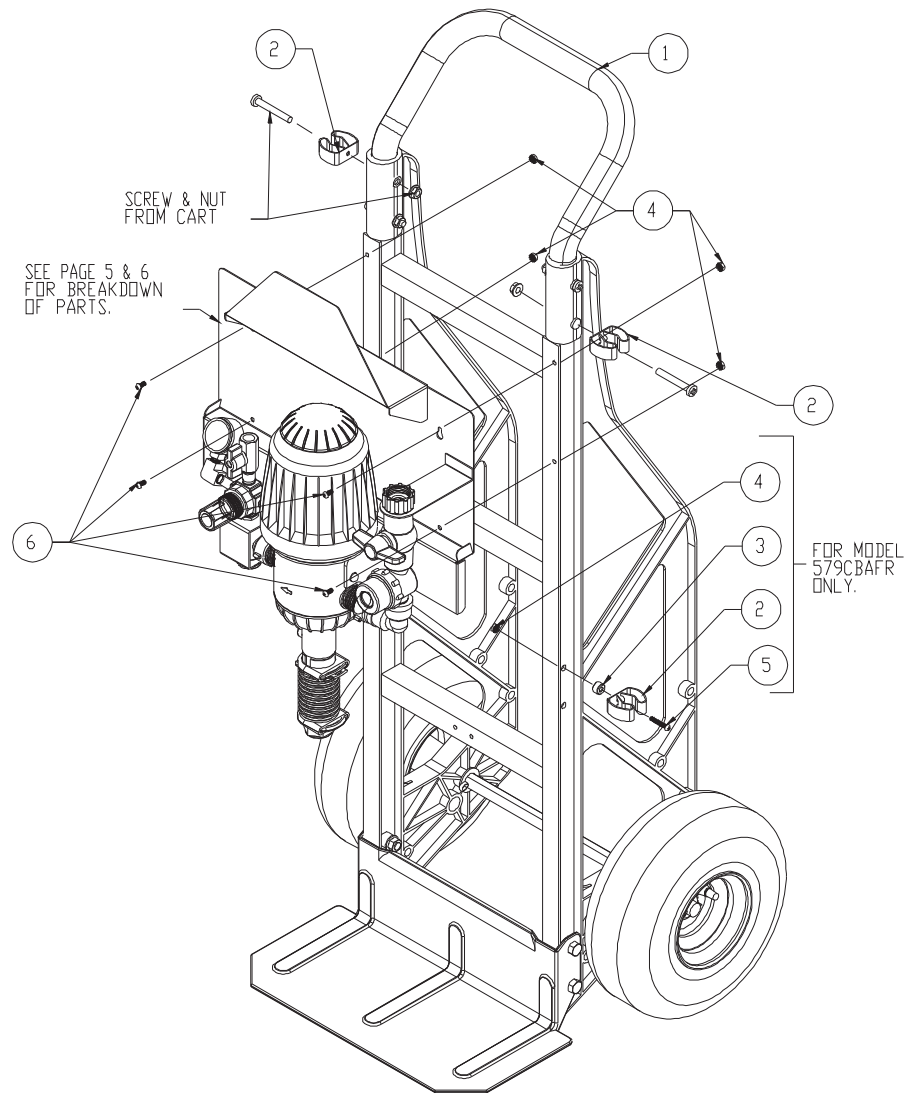


FOAM GENERATOR PARTS BREAKDOWN

NO.	PART NO.	DESCRIPTION	NO.	PART NO.	DESCRIPTION
1	57-109-1	Flow Disk **	12	29-17-5	Washer – Stainless Steel
2	150-6	Rubber Washer – E.P.	13	29-18-3	Internal Snap Ring
3	93-183-1	Hose Stem Adapter	14	93-1	Pressure Regulator
4	57-110-1	BSPT Hose Swivel Nut	15	93-103-1	1/8" NPT Pipe Nipple
5	93-260-1	Foam Generator Body	16	93-102-1	1/8" NPT Pipe Elbow
6	93-262-1	Foam Generator Bracket	17	93-15-1	Pressure Gauge
7	30-5V-14	#14 O-Ring – Viton	18	25-137-12	1/4" NPT Pipe Nipple
8	93-261-1	Air Nozzle – Stainless Steel	19	16-11	1/4" NPT Ball Valve
9	93-185-1	Spring	20	41-63-2	#8-32 X 3/8" Long Screw
10	24-24P-7	Teflon Ball	21	36-32-1	#8-32 Nut W/ Lock Washer
11	23-106V	#106 O-Ring – Viton	22	93-26-2	Foam Generator w/Bracket

**** For 578WBAF & 578CBAF only.**

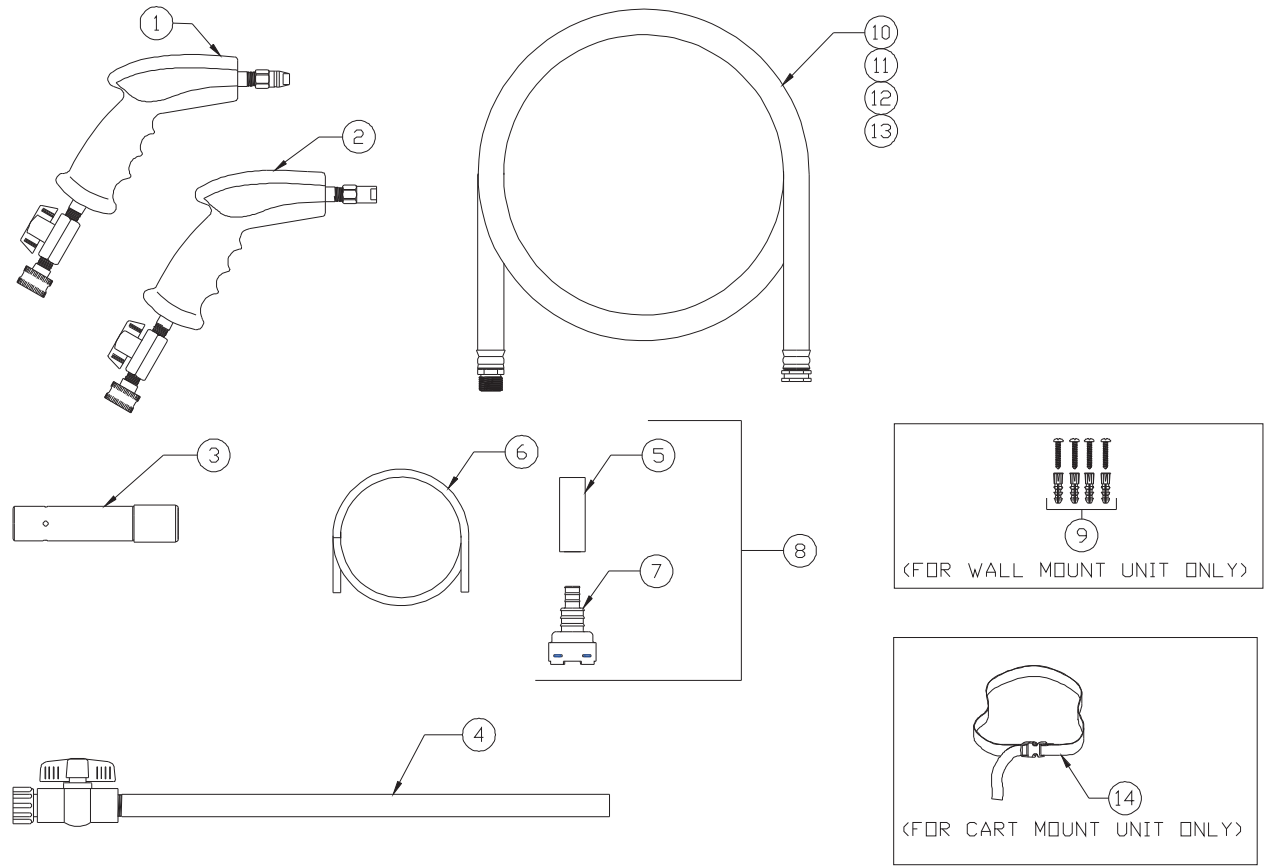
570 SERIES MODELS DEMA MIXRITE WALL MOUNT & CART MOUNT UNITS



MIXRITE CART MOUNT BREAKDOWN

NO.	PART NO.	DESCRIPTION	NO.	PART NO.	DESCRIPTION
1	90-1-2	Cart	4	36-32-1	#8-32 Nut W/Lock Washer
2	90-9-1	Spring Clip	5	41-63-8	#8-32 X 1" Long Screw
3	901-3-1	Spacer	6	41-63-2	#8-32 X 3/8" Long Screw

570 SERIES MODELS DEMA MIXRITE WALL MOUNT & CART MOUNT UNITS



**FIGURE 4
ACCESSORIES**

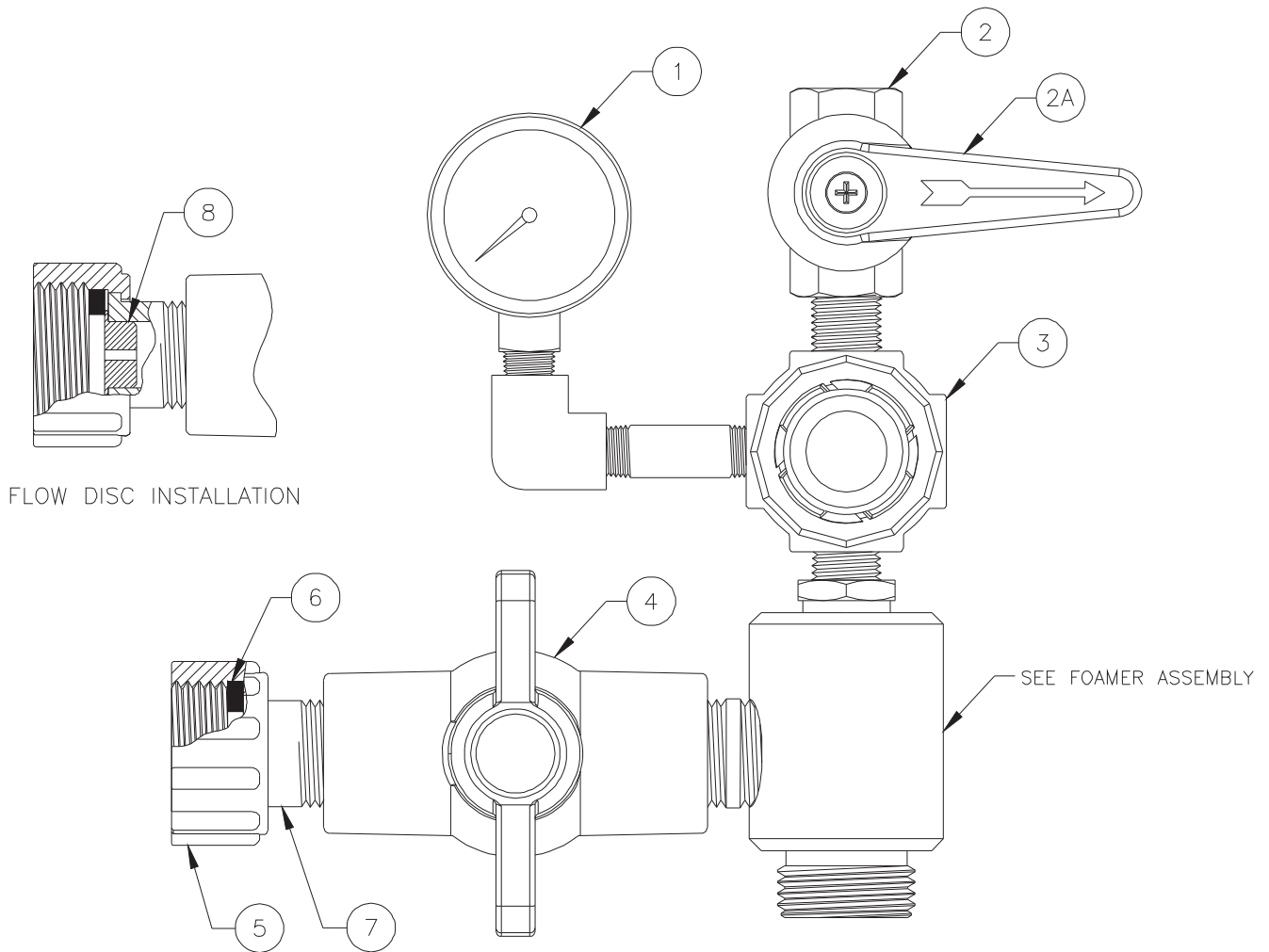
NO.	PART NO.	DESCRIPTION
1	40-14QD	SPRAY GUN-QUICK DISC.
2	40-14HD	SPRAY GUN – 6 GPM NOZZLE
3	292QD	FOAM WAND USED W/ 40-14QD
4	93-18-3	FOAM WAND
5	61-107	CERAMIC WEIGHT (1/2" I.D.)
6	100-16E-4	TUBING
7		FOOT VALVE (E.P.)
8		TUBING, CERAMIC WEIGHT & FOOT VALVE ASSY.
9	98-40-4	#10 SCREW & ANCHOR KIT
10	44-3N-6	½" ID X 6' LG. NYLON BRAIDED HOSE
11	44-3N-25	½" ID X 25' LG. NYLON BRAIDED HOSE
12	93-14	¾" ID X 25' LG. RUBBER HOSE
13	57-114-1	¾" ID X 25' LG. RUBBER HOSE W/ STRAINER WASHER
14	901-1-1	STRAP W/ SIDE RELEASE BUCKLE

MODEL NO.	ACCESSORIES REC'D W/ MODELS											
	ACCESSORY NO.											
	1	2	3	4	5	6	7*	8	9	10	11	12**
570[]S		X			X	X	X	X	X			X
571[]SR		X			X	X	X	X	X			X
572[]S		X			X	X	X	X	X			X
573[]SR		X			X	X	X	X	X			X
573[]SFR	X		X		X	X	X	X	X			X
573[]AFR		X			X	X	X	X		X		X
576[]BS		X			X	X	X	X	X			X
577[]BSR		X			X	X	X	X	X			X
578[]BS		X			X	X	X	X	X			X
579[]BSR		X			X	X	X	X	X			X
579[]BSFR	X		X		X	X	X	X	X			X
578[]BAF				X	X	X	X	X			X	X

* For wall mount units only.

** For cart mount units only.

DEMA MODEL 582 FOAM STATION III



ITEM NO	PART NUMBER	DESCRIPTION
1	93-15-1	Pressure Gage
2	16-11	1/4" NPT Ball Valve
2A	99-8-2	Valve Knob
3	93-1	Pressure Regulator
4	93-180-1	1/2" NPT PVC Ball Valve
5	93-182-1	Garden Hose Swivel
6	150-6	Rubber Washer
7	93-183-1	1/2" MPT Hose Adapter
8	58-200	Flow Disc



INJECTORS

B SERIES

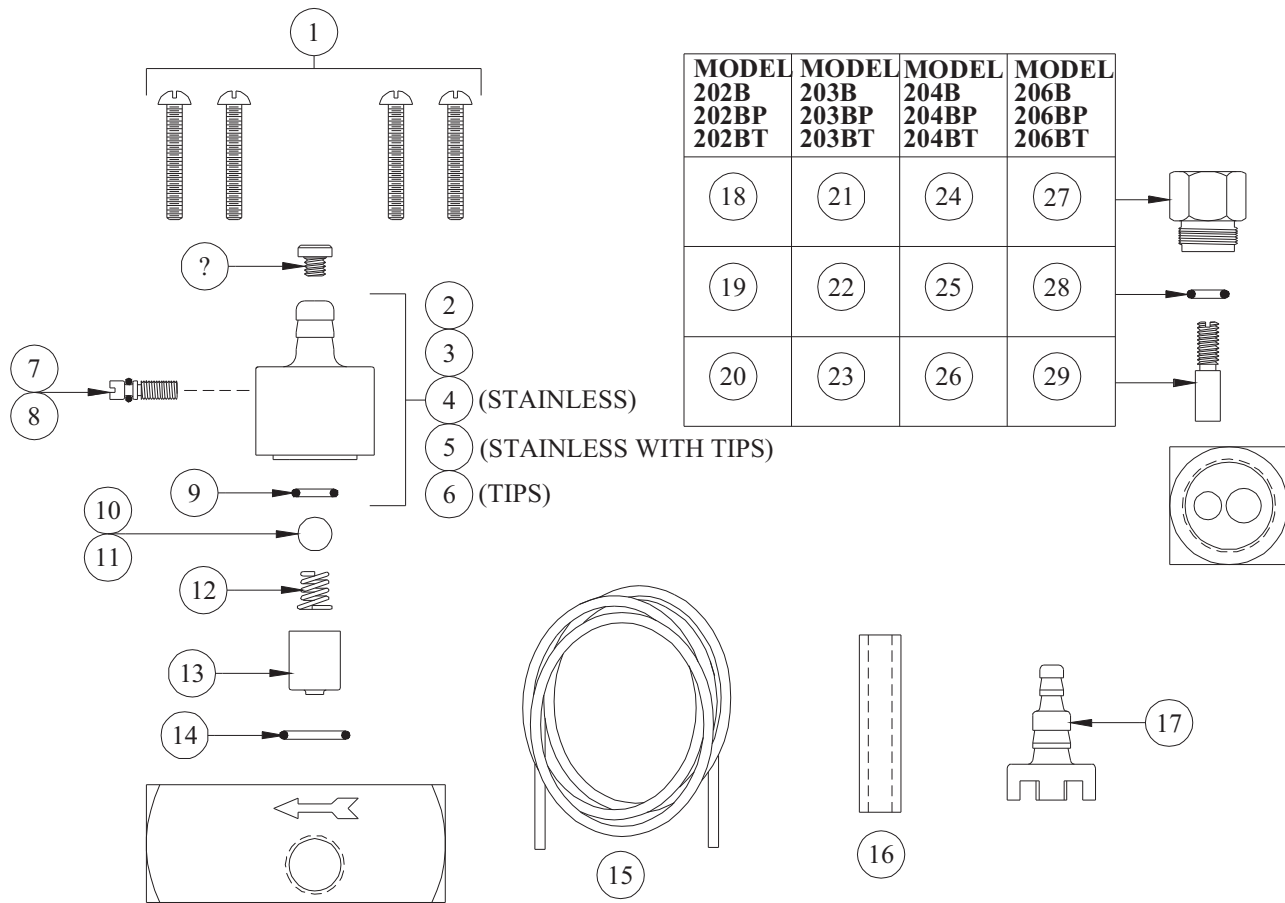
C SERIES

SPRAY CLEAN SERIES

MULTI-INJECTION

DEMA ADJUSTABLE SINGLE STAGE INJECTORS

MODELS 202B, 202BP, 202 BT, 203B, 203BP, 203 BT, 204B, 204BP, 204 BT, 206B, 206BP, 206BT
MODEL #'S MAY ALSO INCLUDE S, E, C AND/OR -2.



NO.	PART NO.	DESCRIPTION
1	24-33	Screw #8-32 x 7/8" Lg. (4-Reqd.)
2	24-32	Metering Knob Assy.
3	24-32PS	Metering Knob Assy.
4	24-32S	Metering Knob Assy. (Stainless)
5	24-32ST	Metering Knob Assy. (Stainless Steel with Tips)
6	24-32T	Metering Knob Assy. (Tips)
7	100-24	Metering Screw
8	100-24PS	Metering Screw (-BP Injectors)
9	24-25	Check Valve O-Ring (EP)
10	24-24P	Check Valve Ball (Teflon)
11	24-24S	Check Valve Ball (Stainless)
12	24-23	Check Valve Spring
13	24-34-	Check Valve Core (Specify Model No.)
14	25-29	O-Ring (EP)
15	100-12	Vinyl Tubing (3/8" OD x 8' Lg.)
16	61-107-2	Ceramic Weight (1/4" ID 3/8" OD Tubing)
17	24-11P	Foot Strainer

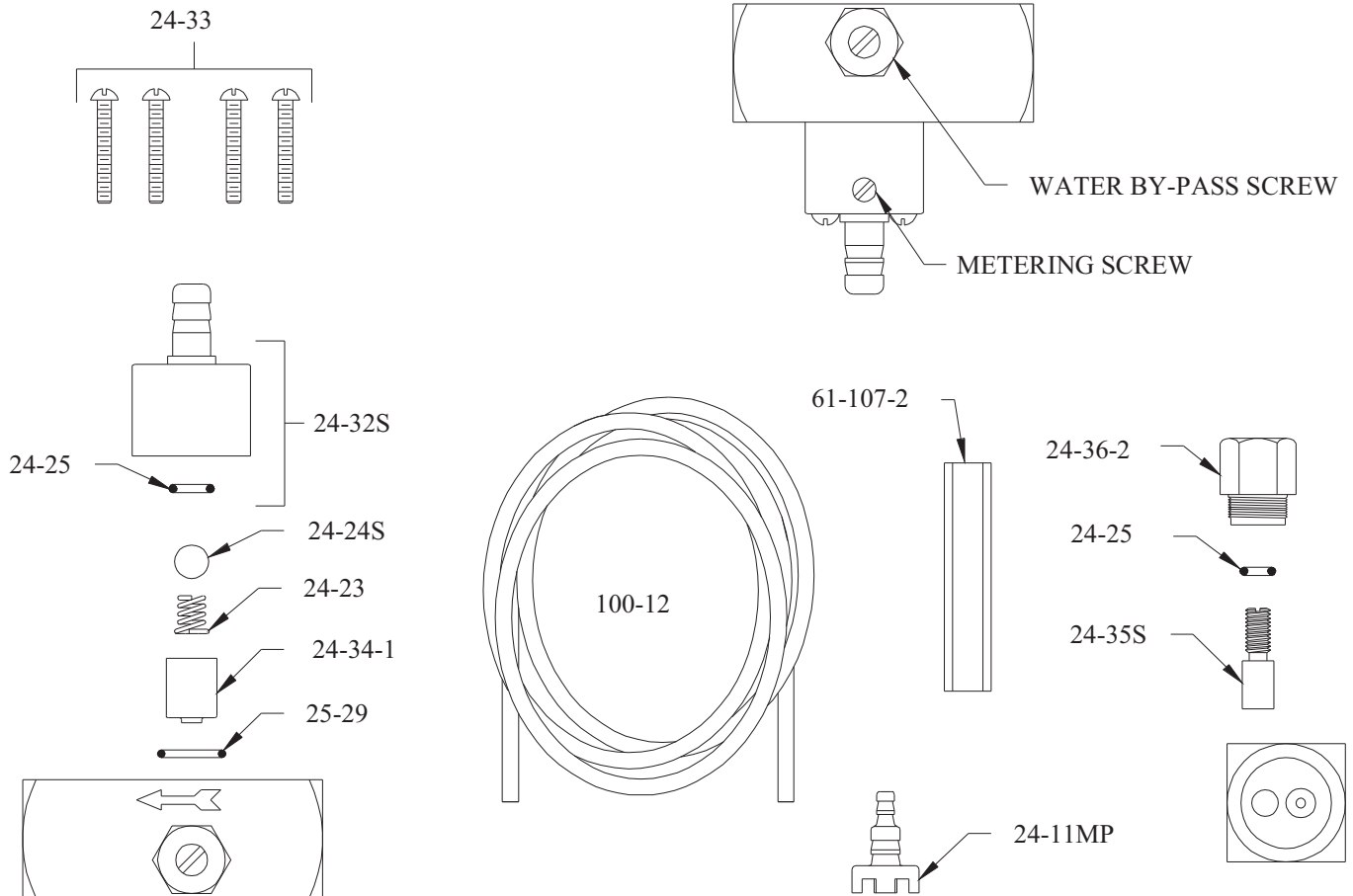
NO.	PART NO.	DESCRIPTION
USED ON 202B, 202BP, 202BT		
18	24-48	By-Pass Screw Retainer
19	24-49	O-Ring (Buna) (3/16x5/16x1/16)
20	24-47	By-Pass Screw
USED ON 203B, 203BP, 203BT		
21	24-36	By-Pass Screw Retainer
22	24-25	O-Ring (EP) (7/32x11/32x1/16)
23	24-35	By-Pass Screw
USED ON 204B, 204BP, 204BT		
24	24-40	By-Pass Screw Retainer
25	26-17	O-Ring (Buna) (3/4x7/8x1/16)
26	24-39	By-Pass Screw
USED ON 206B, 206BP, 206BT		
27	24-38	By-Pass Screw Retainer
28	25-29	O-Ring (EP) (3/8x1/2x1/16)
29	24-37	By-Pass Screw

ACCESSORIES

NO.	PART NO.	DESCRIPTION
30	100-15-	Metering Tip (Specify Color)
31	100-15K	Metering Tip Kit

ADJUSTABLE SINGLE-STAGE INJECTOR PARTS

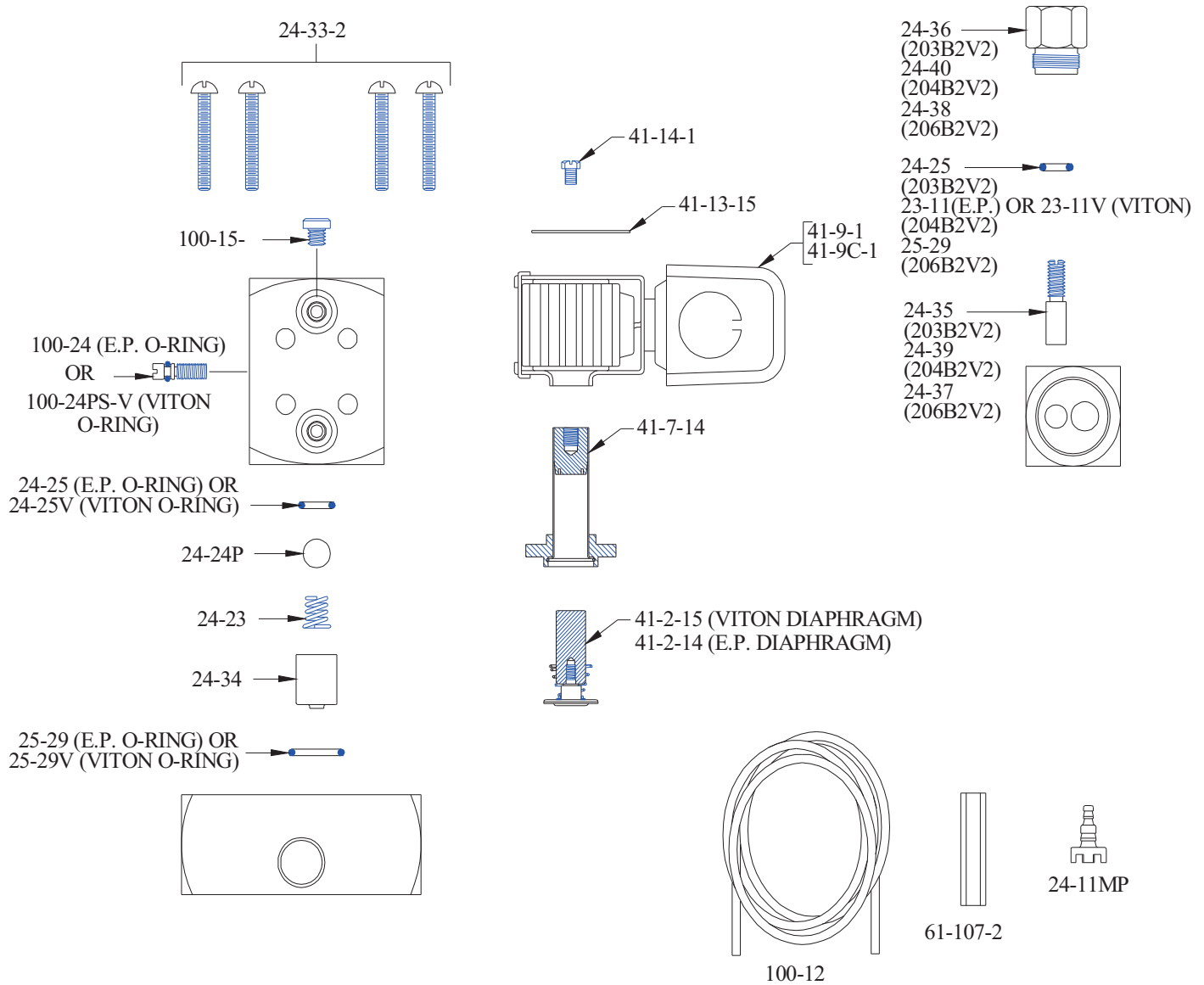
MODEL 203BS-2EP



PART NO	DESCRIPTION
24-11MP	FOOT STRAINER
24-23	CHECK VALVE SPRING
24-24S	CHECK VALVE BALL
24-25	O-RING
24-32S	METERING KNOB ASSEMBLY
24-33	SCREW #8-32 X 7/8 LG (4-REQD)
24-34-1	CHECK VALVE CORE
24-35S	BY-PASS SCREW
24-36-2	BY-PASS SCREW RETAINER
25-29	O-RING
61-107-2	CERAMIC WEIGHT
100-12	VINYL TUBING, 3/8 O.D. X 8' LG

ADJUSTABLE SINGLE-STAGE INJECTORS

MODELS: 203B2V2, 204B2V2 and 206B2V2



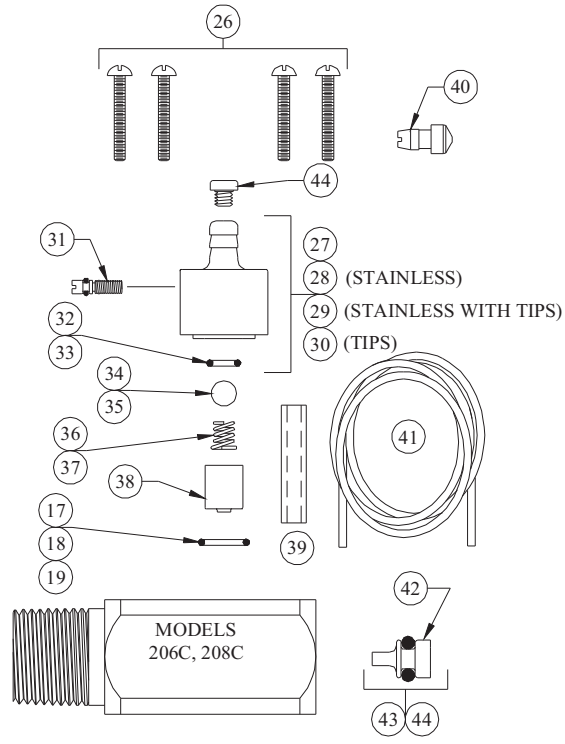
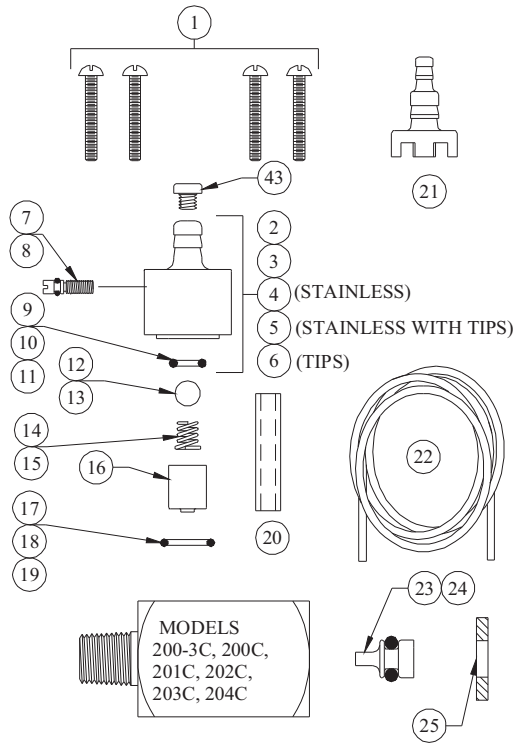
PART NO.	DESCRIPTION
23-11	O-RING (E.P.)
23-11V	O-RING (VITON)
24-11MP	FOOT STRAINER
24-23	CHECK VALVE SPRING
24-24P	CHECK VALVE BALL
24-25	CHECK VALVE O-RING (E.P.)
24-25V	CHECK VALVE O-RING (VITON)
24-33-2	SCREW #8-32 X 1 3/8 LG. (4-REQD.)
24-34	CHECK VALVE CORE (SPECIFY MODEL NO.)
24-35	BY-PASS SCREW
24-36	BY-PASS SCREW RETAINER
24-37	BY-PASS SCREW
24-38	BY-PASS SCREW RETAINER
24-39	BY-PASS SCREW
24-40	BY-PASS SCREW RETAINER

PART NO.	DESCRIPTION
25-29	O-RING (E.P.)
25-29V	O-RING (VITON)
41-14-1	TOP PLUG SCREW
41-2-14	PLUNGER ASSEMBLY (WITH E.P. DIAPHRAGM & SPRING)
41-2-15	PLUNGER ASSEMBLY (WITH VITON DIAPHRAGM & SPRING)
41-7-14	ENCLOSING TUBE ASSEMBLY
41-9-1	SOLENOID COIL (SPECIFY VOLTAGE) JUNCTION BOX AS SHOWN
41-9C-1	SOLENOID COIL (SPECIFY VOLTAGE) CONDUIT CONNECTION
41-13-15	NAMEPLATE
61-107-2	CERAMIC WEIGHT
100-12	VINYL TUBING (3/8" O.D. X 8' LG)
100-15K	METERING TIP KIT (14 PCS.)
100-24	METERING SCREW (-B INJECTORS) W/E.P. O-RING
100-24PS-V	METERING SCREW (-B INJECTORS) W/VITON O-RING

SINGLE-STAGE INJECTORS

MODEL 200-3C, 200C, 201C, 202C, 203C 204C, 206C, 208C

MODEL #S MAY ALSO INCLUDE E, P, S, T, AND/OR -2



NO.	PART NO.	DESCRIPTION
1	24-33	Screw #8-32 x 7/8" Lg. (4-Reqd.)
2	24-32	Metering Knob Assy.
3	24-32PS	Metering Knob Assy. (-P Injectors)
4	24-32S	Metering Knob Assy. (Stainless)
5	24-32ST	Metering Knob Assy. (Stainless w/Tips)
6	24-32T	Metering Knob Assy. (Tips)
7	100-24	Metering Screw
8	100-24PS	Metering Screw (-P Injectors)
9	24-25	Check Valve O-Ring (EP)
10	24-25S	Check Valve O-Ring (Silicone)
11	24-25V	Check Valve O-Ring (Viton)
12	24-24P	Check Valve Ball (Teflon)
13	24-24S	Check Valve Ball (Stainless)
14	24-23	Check Valve Spring (Stainless)
15	24-23-2	Check Valve Spring (Hastelloy)
16	24-34-	Check Valve Core (Specify Model No.)
17	25-29	Metering Knob O-Ring (EP)
18	25-29S	Metering Knob O-Ring (Silicone)
19	25-29V	Metering Knob O-Ring (Viton)
20	61-107-2	Ceramic Weight for 1/4" ID Tubing for 200-3C Thru 204C
21	24-11MP	Foot Strainer
22	100-12	Vinyl Tubing (3/8" OD x 8' Lg.)
23	24-8-	Water Nozzle & O-Ring Assy. (Brass) Add Num. Stamped on Nozzle
24	24-8S-	Water Nozzle & O-Ring Assy. (Stainless) Add Num. Stamped on Nozzle

NO.	PART NO.	DESCRIPTION
25	24-31	Back-Up Washer (Specify Model No.)
26	23-7	Screw (1" Lg.) (4 Reqd.)
27	23-32	Metering Knob Assy.
28	23-32S	Metering Knob Assy. (Stainless)
29	23-32ST	Metering Knob Assy. (Stainless w/Tips)
30	23-32T	Metering Knob Assy. (Tips)
31	23-24	Metering Screw
32	23-11	Check Valve O-Ring (EP)
33	23-11V	Check Valve O-Ring (Viton)
34	23-10	Check Valve Ball (Stainless)
35	23-10P	Check Valve Ball (Teflon)
36	23-9	Check Valve Spring (Stainless)
37	23-9-2	Check Valve Spring (Hastelloy)
38	23-34-	Check Valve Core (Specify Model No.)
39	61-107	Ceramic Weight for 3/8" ID Tubing for 206C Thru 208C
40	24-11L	Foot Strainer
41	100-12L	Vinyl Tubing (1/2" OD x 8' Lg.)
42	23-8-	Water Nozzle & O-Ring Assy. (Brass) Add Num. Stamped on Nozzle

ACCESSORIES

NO.	PART NO.	DESCRIPTION
43	100-15-	Metering Tip (Specify Color)
	100-15K	Metering Tip Kit
44	61-9	Metering Tip (Specify Color)
	61-9K	Metering Tip Kit

DEMA MODEL 201CHT INJECTOR FOR ADDING CHEMICAL TO WINDOW WASHER IN QUICK LUBE AND OIL STATIONS

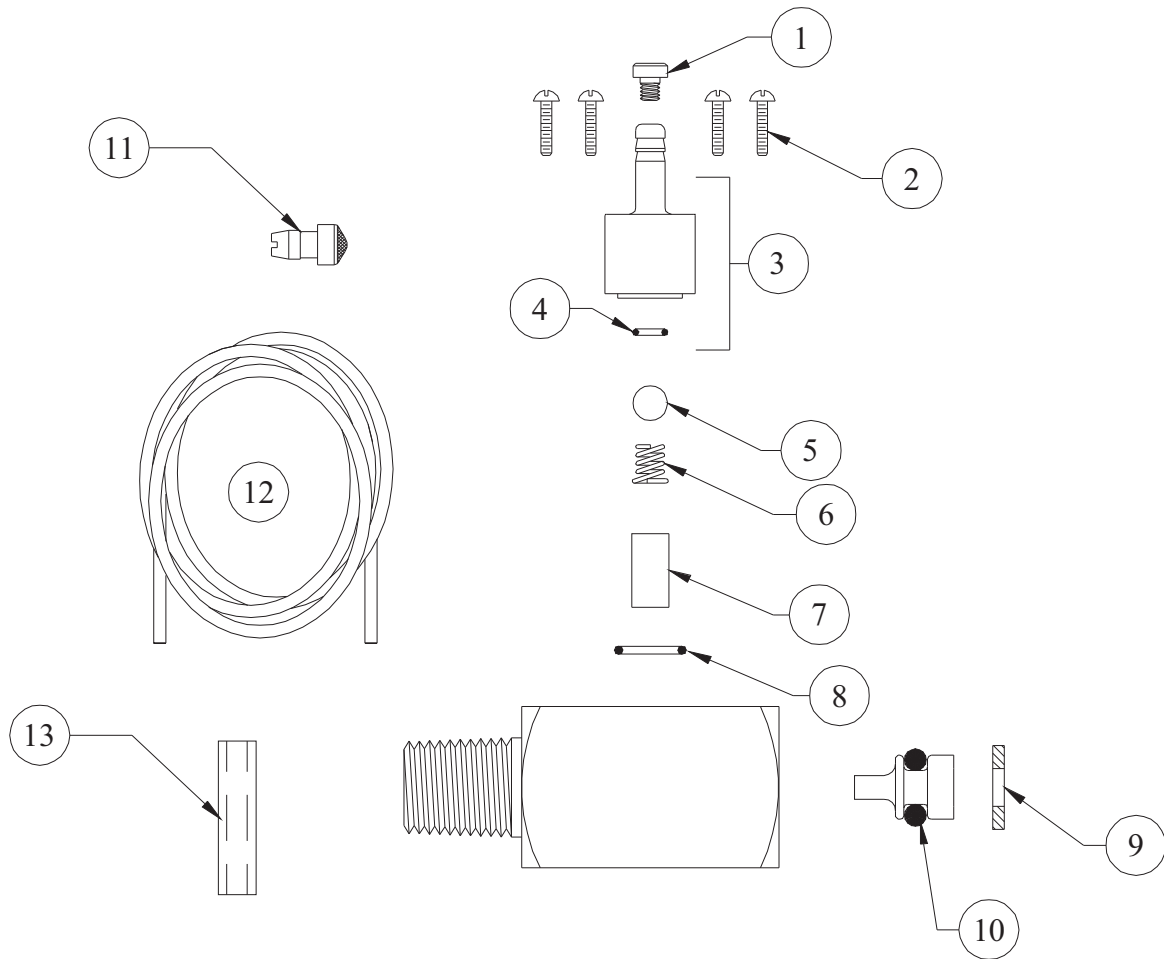
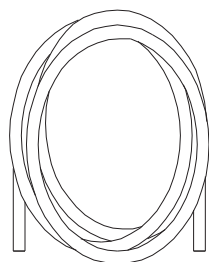


FIGURE 1

NO.	PART NO.	DESCRIPTION
1	61-9-	Metering Tip (Specify Color)
2	23-7	Screw (1" Lg.) (4 Req'd)
3	23-32T	Metering Knob
4	23-11	Check Valve O-Ring
5	23-10	Check Valve Ball
6	23-9	Check Valve Spring
7	23-34-3	Check Valve Core
8	25-29	Metering Knob O-Ring
9	24-31-1	Backup Washer
10	24-8-	Water Nozzle Bushing And O-Ring Assy. (Brass) -4, -5 & -6
11	24-11L	Foot Strainer
12	100-12L	Vinyl Supply Tubing (1/2" OD X 8' Lg)
13	61-107	Ceramic Weight

DEMA MODELS P203C, P203CP, P203CT, & P203CTC



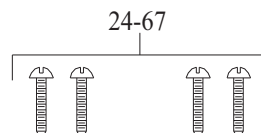
100-12



61-107-2



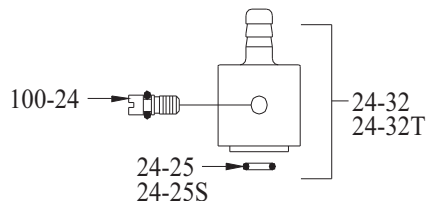
24-11MP



24-67



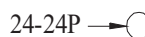
100-15-
SPECIFY COLOR



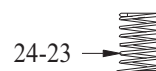
100-24

24-25
24-25S

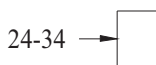
24-32
24-32T



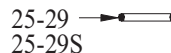
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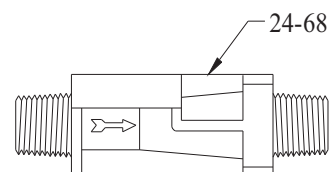
24-23



24-34



25-29
25-29S



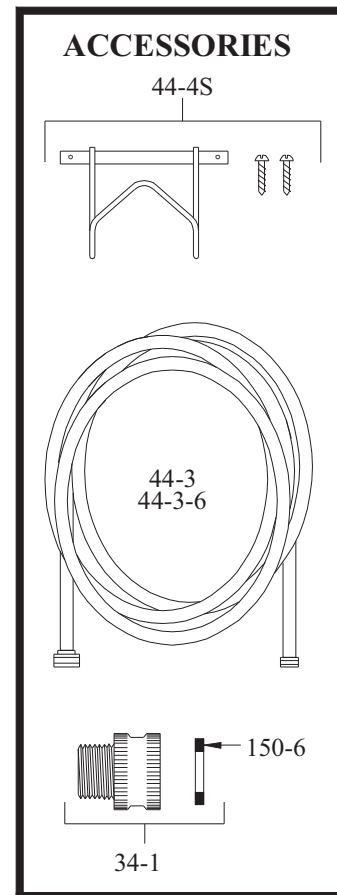
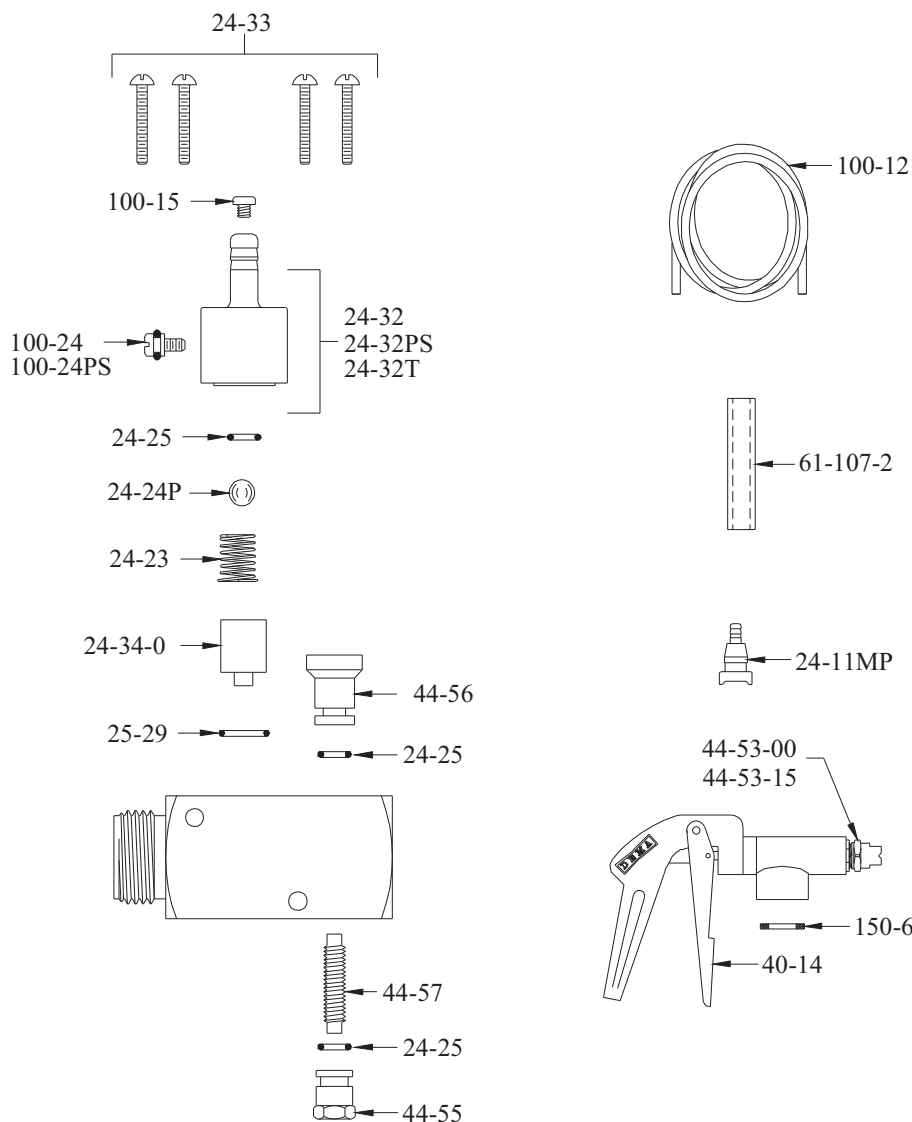
24-68

PART NO.	DESCRIPTION
24-11MP	FOOT STRAINER
24-23	CHECK VALVE SPRING
24-24P	CHECK VALVE BALL
24-25	CHECK VALVE O-RING
24-25S	CHECK VALVE O-RING (P203CTC)
25-29	O-RING
25-29S	O-RING (P203CTC)
24-32	METERING KNOB (P203C & P203CP)

PART NO.	DESCRIPTION
24-32T	METERING KNOB (P203CT & P203CTC)
24-34	CHECK VALVE CORE
24-67	SCREW (1" LG 4-REQD.)
24-68	VALVE BODY
61-107-2	CERAMIC WEIGHT
100-12	VINYL TUBING (1/4" ID X 8' LG)
100-15-	METERING TIP (SPECIFY COLOR)
100-24	METERING SCREW

DEMA SPRAY CLEAN

MODELS: 244BC, 244BCE, 244BCP & 244BCT



PART NO.	DESCRIPTION
24-11MP	FOOT STRAINER
24-23	CHECK VALVE SPRING
24-24P	CHECK VALVE BALL
24-25	CHECK VALVE O-RING
24-32	METERING KNOB ASSEMBLY (MODEL 244C,CE)
24-32PS	METERING KNOB ASSEMBLY (MODEL 244CP)
24-32T	METERING KNOB ASSEMBLY (MODEL 244CT)
24-33	SCREW - 4 REQ'D.
24-34-0	CHECK VALVE CORE
25-29	METERING KNOB O-RING
40-14	SPRAY GUN
44-53-00	SPRAY NOZZLE (0°) 4 GPM
44-53-15	SPRAY NOZZLE (15°) 4 GPM
44-55	BY-PASS VALVE (BOTTOM)

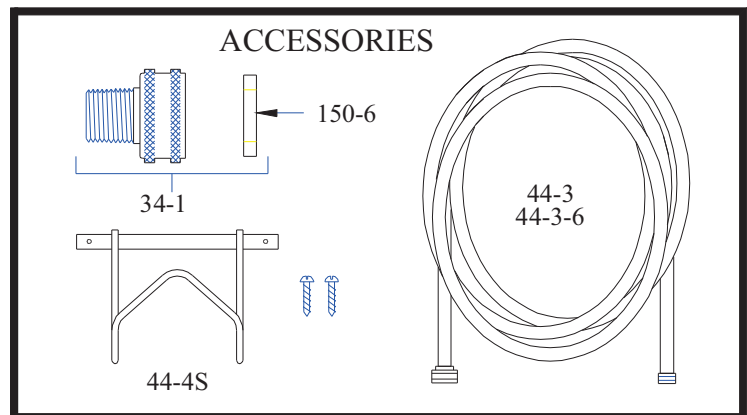
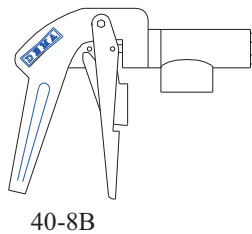
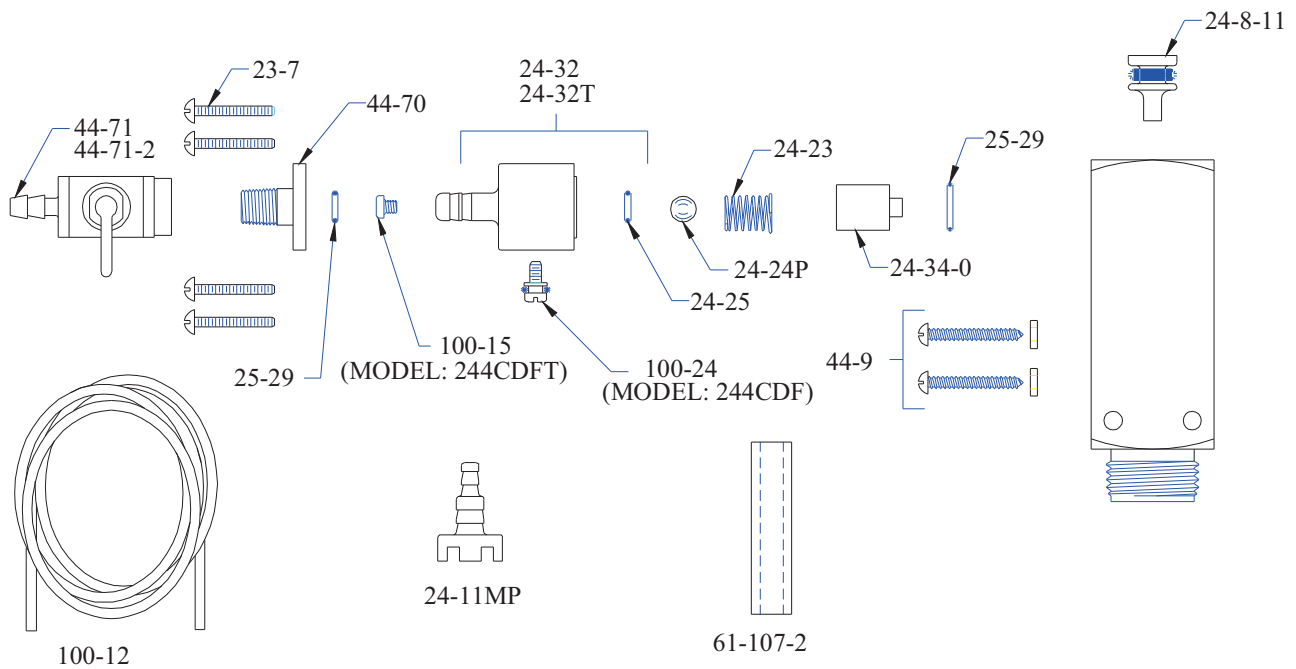
PART NO.	DESCRIPTION
44-56	BY-PASS VALVE (TOP)
44-57	CONNECTING STUD
61-107-2	CERAMIC WEIGHT
100-12	8 FEET OF 7/32" I.D. PVC TUBING
100-15	METERING TIP-SPECIFY SIZE (MODEL 244BCT)
100-24	METERING SCREW W/ O-RING (MODEL 244BCE)
100-24PS	METERING SCREW W/ O-RING (MODEL 244BCP)
150-6	RUBBER WASHER

ACCESSORIES

34-1	PIPE TO HOSE INLET ADAPTER W/WASHER
44-3	25 FEET OF 1/2" HIGH PRESSURE HOSE
44-3-6	6 FEET OF 1/2" HIGH PRESSURE HOSE
44-3RG	25' X 1/2" RED HOSE W/POLY GUARDS
44-4S	HOSE BRACKET W/ MOUNTING SCREWS

DEMA SPRAY CLEAN

MODELS: 244CDF & 244CDFT



PART NO.	DESCRIPTION
23-7	SCREW 8-32 X 1 LG. (4-REQD)
24-8-11	WATER NOZZLE
24-11MP	FOOT STRAINER
24-23	CHECK VALVE SPRING
24-24P	CHECK VALVE BALL
24-25	CHECK VALVE O-RING
24-32	METERING KNOB ASSEMBLY MODEL 244CDF)
24-32T	METERING KNOB ASSEMBLY (MODEL 244CDFT)
24-34-0	CHECK VALVE CORE
25-29	METERING KNOB O-RING
40-8B	SPRAY GUN
44-9	SET OF TWO MOUNTING SCREWS W/ SPACERS
44-70	PIPE NIPPLE FITTING
44-71	BALL VALVE (POLYPROPYLENE)

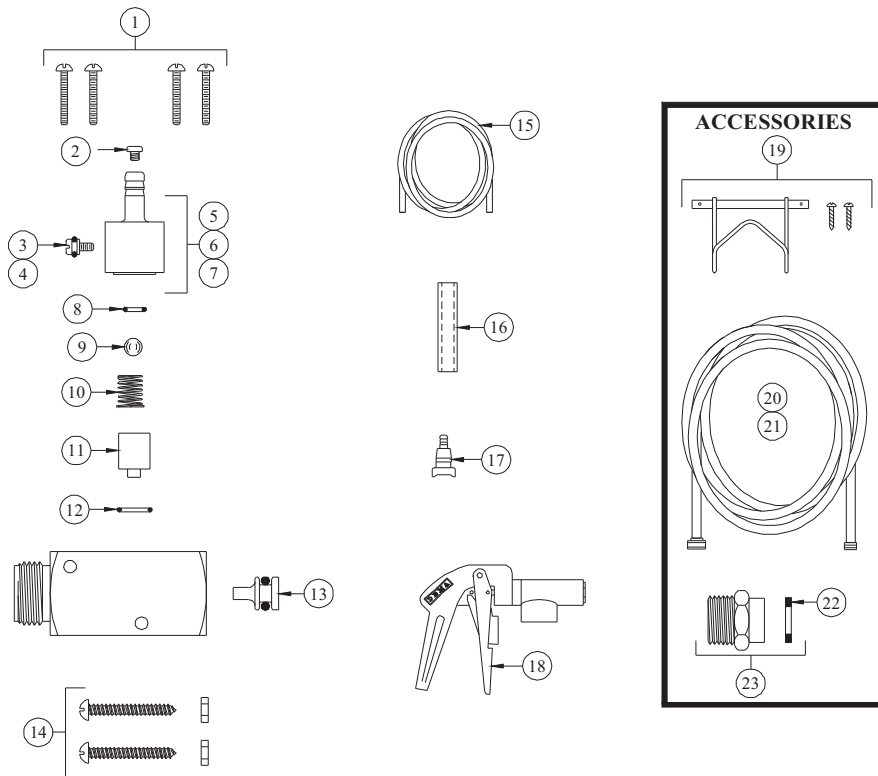
PART NO.	DESCRIPTION
44-71-2	BALL VALVE (OPTIONAL BRASS)
61-107-2	CERAMIC WEIGHT
100-12	8 FEET OF 7/32" I.D. PVC TUBING
100-15	METERING TIP (SPECIFY COLOR) (2REQ'D)
100-24	METERING SCREW W/ O-RING

ACCESSORIES

34-1	HOSE INLET ADAPTER W/ WASHER
44-3	25 FEET OF 1/2" HIGH PRESSURE HOSE
44-4S	HOSE BRACKET W/ MOUNTING SCREWS
44-3-6	6 FEET OF 1/2" HIGH PRESSURE HOSE
150-6	GARDEN HOSE RUBBER WASHER

DEMA SPRAY CLEAN

MODELS: 244C, 244CE, 244CP & 244CT



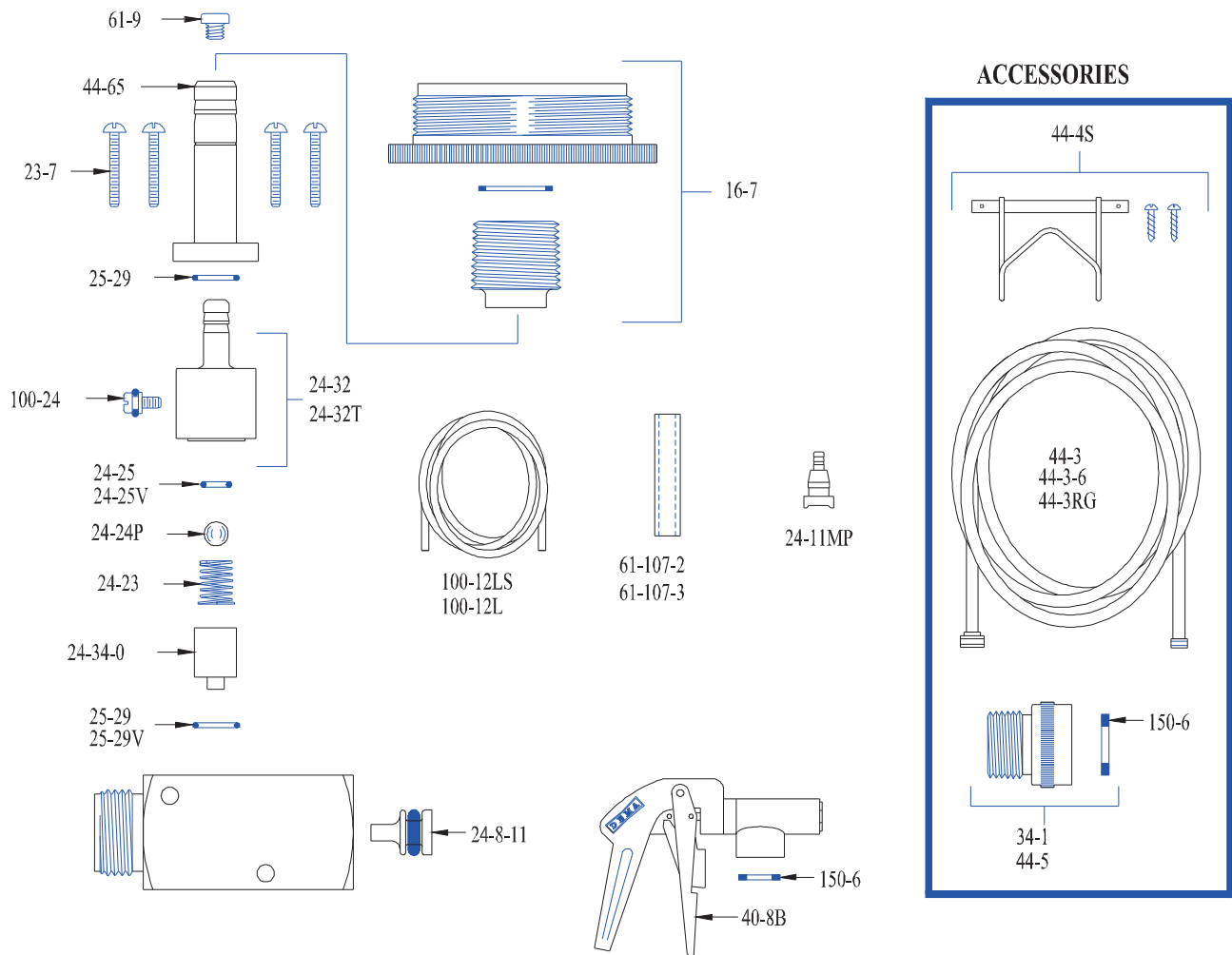
NO.	PART NO.	DESCRIPTION
1	24-33	Screw – (4 Req'd)
2	100-15	Metering Tip – Specify Size (Model 244CT)
3	100-24	Metering Screw – W/O O-Ring (Model 244C,CT)
4	100-24PS	Metering Screw – W/O O-Ring (Model 244CP)
5	24-32	Metering Knob Assembly (Model 244C, CE)
6	24-32PS	Metering Knob Assembly (Model 244CP)
7	24-32T	Metering Knob Assembly (Model 244CT)
8	24-25	Check Valve O-Ring
9	24-24P	Check Valve Ball
10	24-23	Check Valve Spring
11	24-34-0	Check Valve Core
12	25-29	Metering Knob O-Ring
13	24-8-11	Water Nozzle
14	44-9	Set of Two Mounting Screws W/Spacers

NO.	PART NO.	DESCRIPTION
15	100-12	8 feet of 7/32" I.D. PVC Tubing
16	61-107-2	Ceramic Weight
17	24-11MP	Foot Strainer
18	40-8B	Spray Gun

ACCESSORIES		
NO.	PART NO.	DESCRIPTION
19	44-4S	Hose Bracket W/ Mounting Screws
20	44-3	25 Feet of 1/2" High Pressure Hose
21	44-3-6	6 Feet of 1/2" High Pressure Hose
22	44-6	Garden Hose Rubber Washer
23	44-5	Pipe to Hose Inlet Adapter W/ Washer
24	44C-1	Spray Clean Injector Assembled (Not Shown)

DEMA SPRAY CLEAN

MODELS: 244CDM & 244CDMT



PART NO.	DESCRIPTION
16-7	BUNG ASSEMBLY
23-7	SCREW - 4 REQ'D.
24-8-11	WATER NOZZLE
24-11MP	FOOT STRAINER
24-23	CHECK VALVE SPRING
24-24P	CHECK VALVE BALL
24-32	METERING KNOB ASSEMBLY (MODEL 244CDM)
24-32T	METERING KNOB ASSEMBLY (MODEL 244CDMT)
24-34-0	CHECK VALVE CORE
25-29	O-RING (2 REQ'D)
40-8B	SPRAY GUN
44-65	DRUM NIPPLE

PART NO.	DESCRIPTION
61-107-2	CERAMIC WEIGHT
61-9	METERING TIP-SPECIFY SIZE (MODEL 244CDMT)
100-12LS	3 1/2 FEET OF 3/8" I.D. VINYL TUBING
100-24	METERING SCREW W/ O-RING (MODEL 244CDM)
150-6	RUBBER WASHER

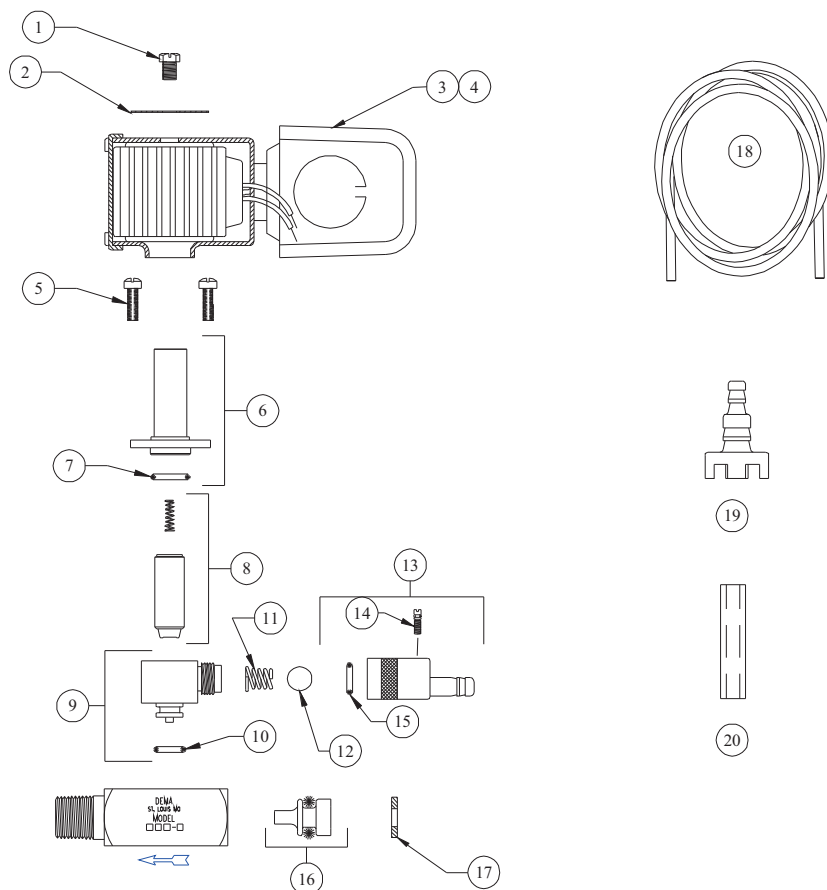
MODEL 244CDMT-T	
24-25V	O-RING
25-29V	O-RING (2 REQ'D)
44-5	INLET ADAPTER
61-107-3	PVC WEIGHT
100-12L	8 FEET OF 3/8" I.D. VINYL TUBING

ACCESSORIES

34-1	PIPE TO HOSE INLET ADAPTER W/ WASHER
44-3	25 FEET OF 1/2" HIGH PRESSURE HOSE
44-3-6	6 FEET OF 1/2" HIGH PRESSURE HOSE
44-4S	HOSE BRACKET W/ MOUNTING SCREWS
44-3RG	25' X 1/2" RED HOSE W/ POLY GUARDS

INJECTORS WITH SOLENOID VALVES

MODELS 203V, 203-2V, 204V, 204-2V, 206-2V, 208-2V

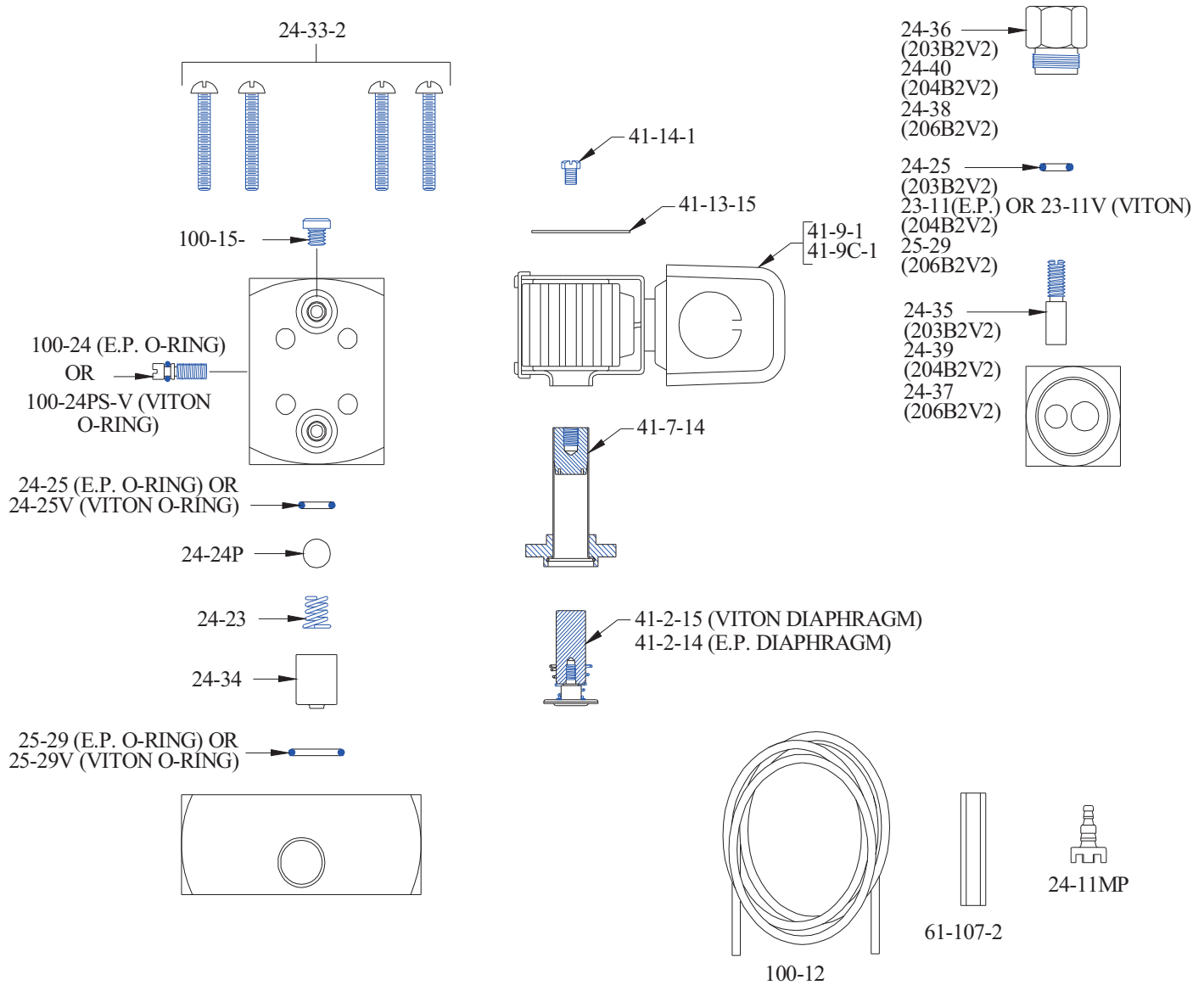


NO.	PART NO.	DESCRIPTION
1	41-14-1	Top Plug Screw
2	41-13-15	Name Plate
3	41-9-1	Solenoid Coil Assy. (Specify Voltage) Junction Box As Shown
4	41-9C-1	Solenoid Coil Assy. (Specify Voltage) Conduit Connection As Shown
5	41-16-5	Tube Screw
6	41-7-1	Enclosing Tube Assy.
7	41-5-8	O-Ring
8	41-2-13	Plunger Assy.
9	41-8-1	Valve Body Assy.
10	23-2	O-Ring
11	24-23	Spring, Carpenter
12	24-24P	Check Valve Ball
13	24-26L	Metering Knob with O-Ring
14	100-24	Metering Screw
15	24-25	Check Valve O-Ring

NO.	PART NO.	DESCRIPTION
16	24-8-10	Water Nozzle and O-Ring (203-2V)
	24-8-11	
	24-8-12	
	24-8-13	Water Nozzle and O-Ring (203-V & 204-2V)
	24-8-14	
	24-8-15	
	24-8-16	Water Nozzle and O-Ring (204-V & 206-2V)
	24-8-17	
	24-8-18	
	24-8-19	Water Nozzle and O-Ring (208-2V)
	24-8-20	
	24-8-21	
17	24-31-3	Backup Washer (203-V & 203-2V)
	24-31-4	Backup Washer (204-V & 204-2V)
	24-31-5	Backup Washer (206-2V)
	24-31-6	Backup Washer (208-2V)
18	100-12	Tubing 3/8" ID, 1/2 OD 8' Lg.
19	24-11SP	Strainer Foot
20	61-107-2	Ceramic Weight

ADJUSTABLE SINGLE-STAGE INJECTORS

MODELS: 203B2V2, 204B2V2 and 206B2V2

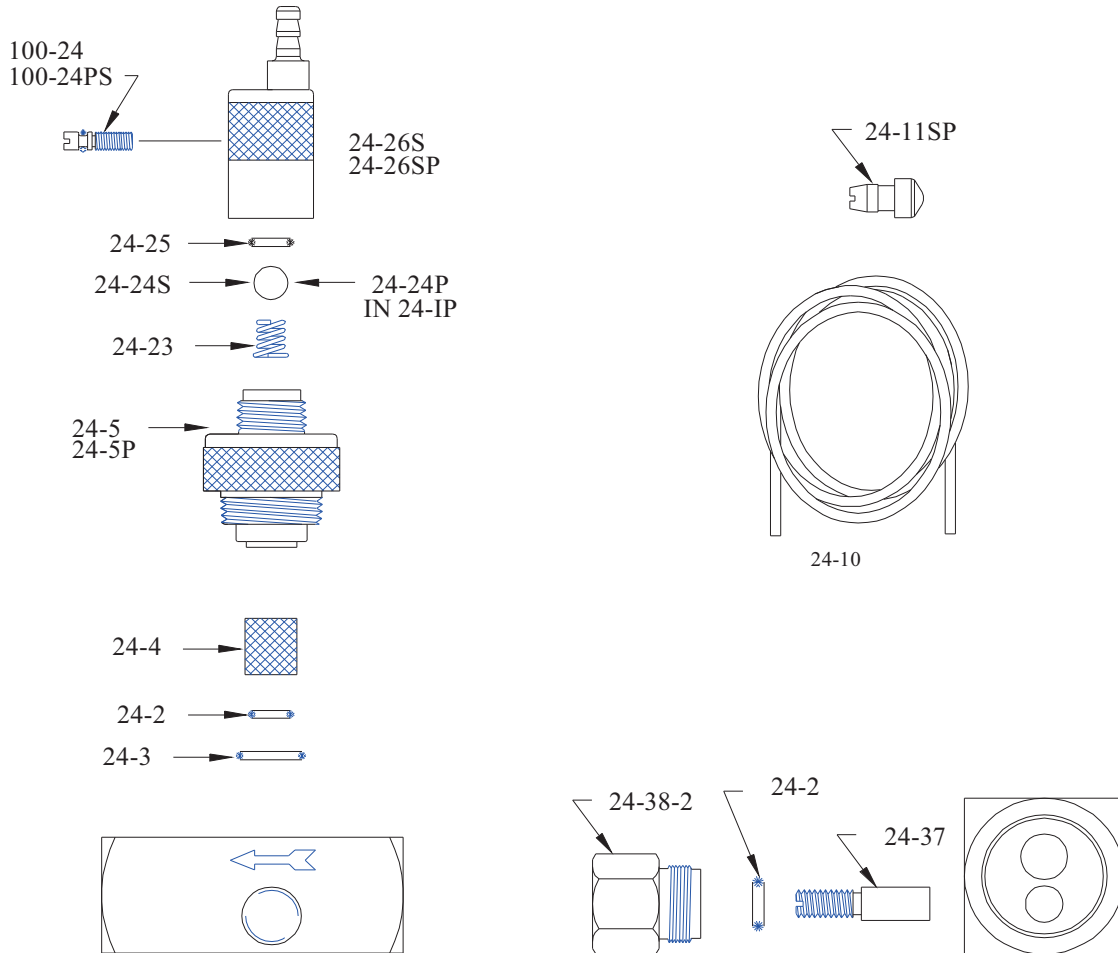


PART NO.	DESCRIPTION
23-11	O-RING (E.P.)
23-11V	O-RING (VITON)
24-11MP	FOOT STRAINER
24-23	CHECK VALVE SPRING
24-24P	CHECK VALVE BALL
24-25	CHECK VALVE O-RING (E.P.)
24-25V	CHECK VALVE O-RING (VITON)
24-33-2	SCREW #8-32 X 1 3/8 LG. (4-REQD.)
24-34	CHECK VALVE CORE (SPECIFY MODEL NO.)
24-35	BY-PASS SCREW
24-36	BY-PASS SCREW RETAINER
24-37	BY-PASS SCREW
24-38	BY-PASS SCREW RETAINER
24-39	BY-PASS SCREW
24-40	BY-PASS SCREW RETAINER

PART NO.	DESCRIPTION
25-29	O-RING (E.P.)
25-29V	O-RING (VITON)
41-14-1	TOP PLUG SCREW
41-2-14	PLUNGER ASSEMBLY (WITH E.P. DIAPHRAGM & SPRING)
41-2-15	PLUNGER ASSEMBLY (WITH VITON DIAPHRAGM & SPRING)
41-7-14	ENCLOSING TUBE ASSEMBLY
41-9-1	SOLENOID COIL (SPECIFY VOLTAGE) JUNCTION BOX AS SHOWN
41-9C-1	SOLENOID COIL (SPECIFY VOLTAGE) CONDUIT CONNECTION
41-13-15	NAMEPLATE
61-107-2	CERAMIC WEIGHT
100-12	VINYL TUBING (3/8" O.D. X 8' LG)
100-15K	METERING TIP KIT (14 PCS.)
100-24	METERING SCREW (-B INJECTORS) W/E.P. O-RING
100-24PS-V	METERING SCREW (-B INJECTORS) W/VITON O-RING

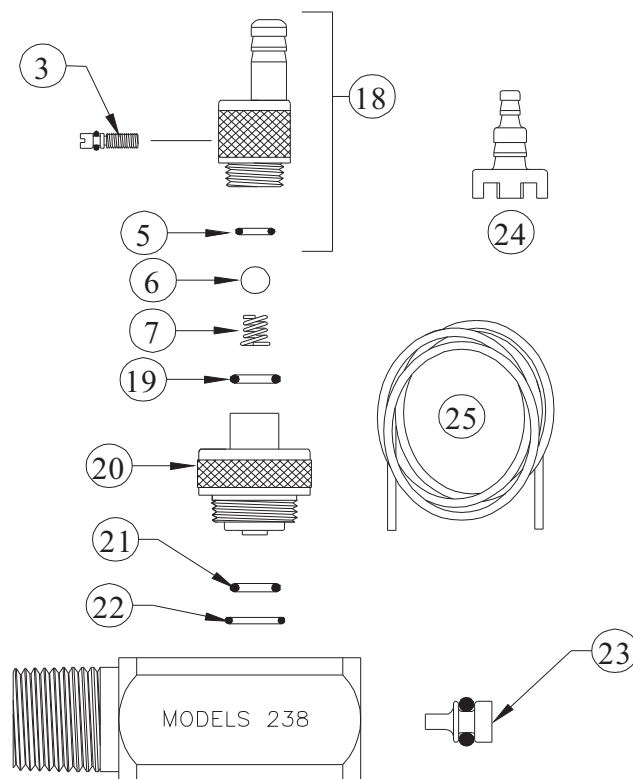
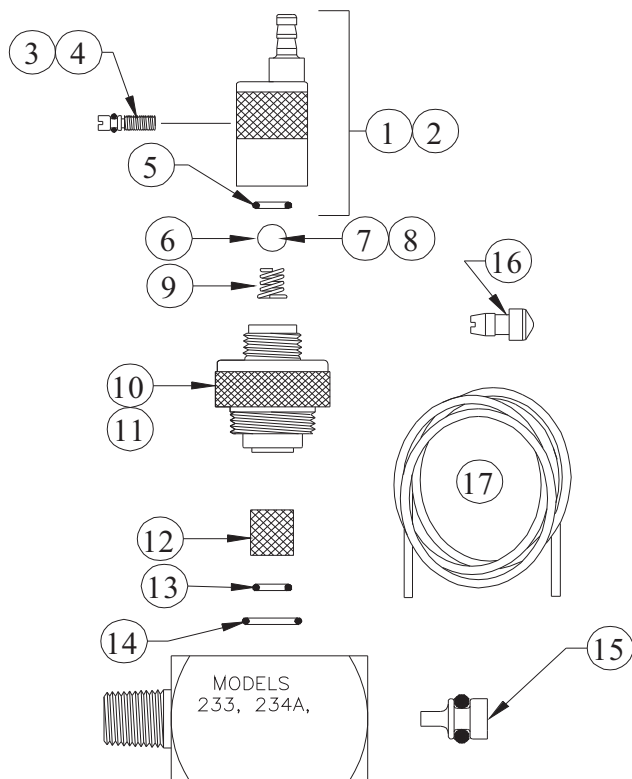
TWO-STAGE ADJUSTABLE INJECTOR

MODEL 236B, 236BP



PART N0.	DESCRIPTION	PART N0.	DESCRIPTION
24-1	CAGE ASSEMBLY	24-25	CHECK VALVE O-RING
24-1P	CAGE ASSEMBLY (-P INJECTORS)	24-26S	METERING KNOB, COMPLETE
24-2	CAGE O-RING, SMALL	24-26SP	METERING KNOB (-P INJECTORS)
24-3	CAGE O-RING, LARGE	24-37	BYPASS SCREW
24-4	CAGE SCREEN	24-38-2	BYPASS SCREW RETAINER
24-5	FIRST STAGE VENTURI	100-24	METERING SCREW
24-5P	FIRST-STAGE VENTURI (-P INJECTORS)	100-24PS	METERING SCREW (-P INJECTORS)
24-10	VINYL TUBING (1/2" O.D. X 8' LG.)		
24-11SP	FOOT STRAINER		
24-23	CHECK VALVE SPRING		
24-24P	CHECK VALVE BALL (-P INJECTORS)		
24-24S	CHECK VALVE BALL		

TWO-STAGE INJECTOR MODELS 233, 234A, 236A, 236-8, 238, AND 2312



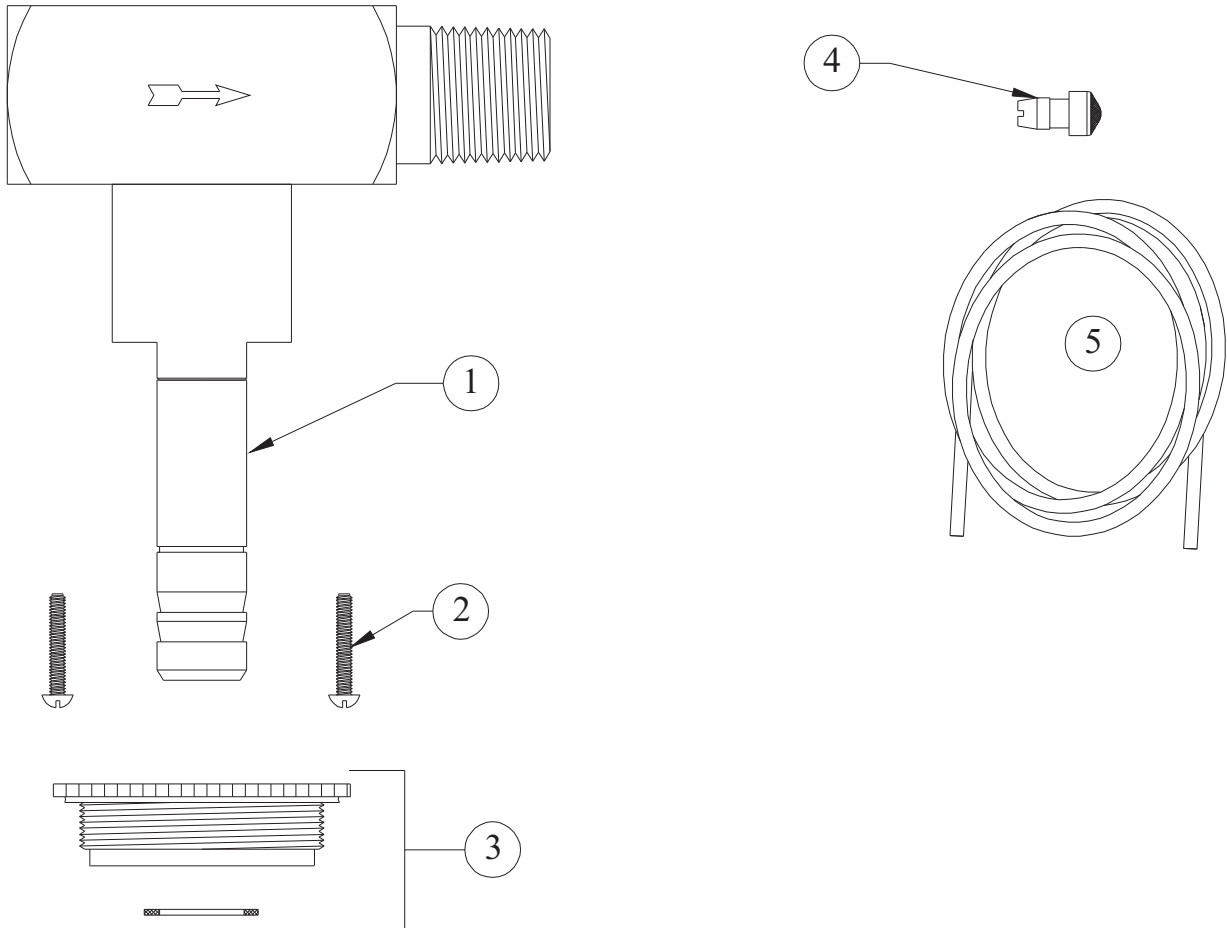
NO.	PART NO.	DESCRIPTION
1	23-1	CASE ASSEMBLY
2	23-2	CASE O-RING, SMALL
3	23-3	CAGE O-RING, LARGE
4	23-5	FIRST-STAGE VENTURI
5	23-8-	WATER NOZZLE – ADD NUMBER STAMPED ON NOZZLE
6	23-26S	METERING KNOB COMPLETE
7	23-27	METERING KNOB O-RING
8	24-1	CAGE ASSEMBLY
9	24-1P	CAGE ASSEMBLY (-P INJECTORS)
	24-2	CAGE O-RING, SMALL
10	24-3	CAGE O-RING, LARGE
11	24-4	CAGE SCREEN
12	24-5	FIRST STAGE VENTURI
13	24-5P	FIRST STAGE VENTURI (-P INJECTORS)

NO.	PART NO.	DESCRIPTION
14	24-8-	WATER NOZZLE – ADD NUMBER STAMPED ON NOZZLE
15	24-10	VINYL TUBING (1/2" O.D. X 8 FT LG.
16	24-11MP	FOOT STRAINER
17	24-11SP	FOOT STRAINER
18	24-23	CHECK VALVE SPRING
19	24-24P	CHECK VALVE BALL (-P INJECTORS)
20	24-24S	CHECK VALVE BALL
21	24-25	CHECK VALVE O-RING
22	24-26S	METERING KNOB, COMPLETE
23	24-26SP	METERING KNOB, (-P INJECTORS)
24	100-12	VINYL TUBING (1/2" O.D. X 8 FT LG.
25	100-24	METERING SCREW
26	100-24SP	METERING SCREW (-P INJECTORS)

DRUM MOUNTING KIT 23-26CDM

FOR 206C, 208C, 2012C INJECTORS

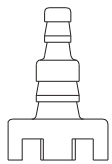
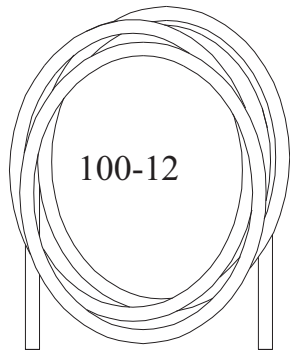
INSTALLATION INSTRUCTIONS



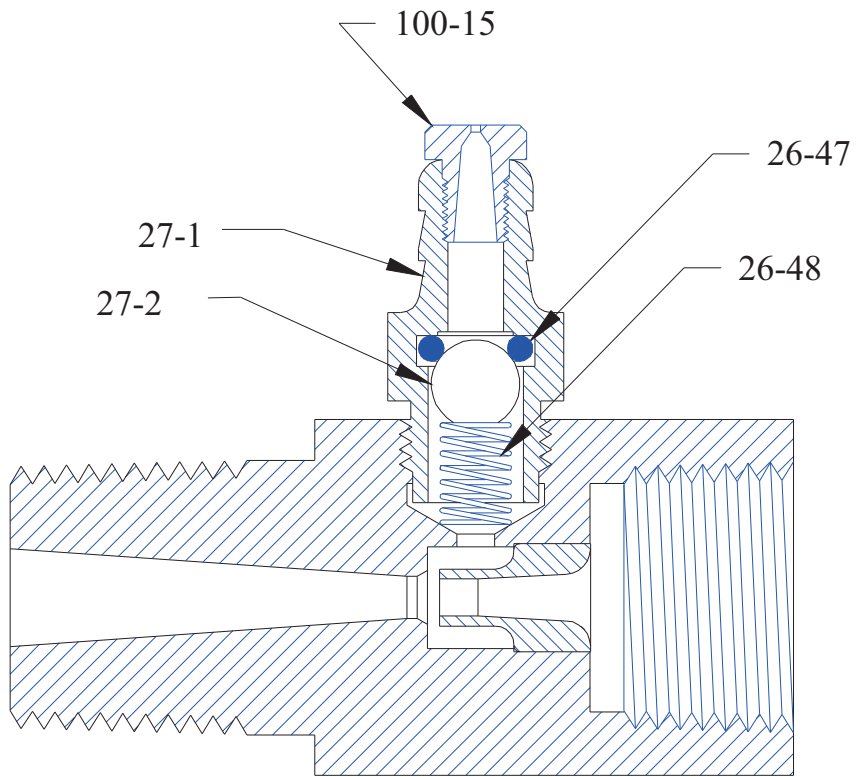
NO.	PART NO.	DESCRIPTION
1	24-57	Metering Knob
2	23-7	Screws #8-32 1" long (4 Req'd)
3	16-7	Bung Cap & Retainer Ring
4	24-11L	Foot Strainer – S.S
5	100-12L	8 Foot 3/8" I.D. X 1/2" Vinyl Tubing

INJECTOR

MODELS 273-7, 273-8 AND 273-9

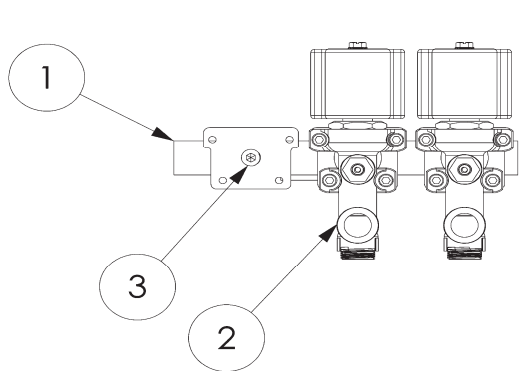


27-2

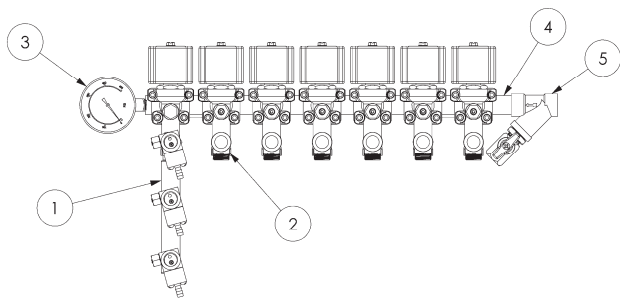


PART NO.	DESCRIPTION
24-11MP	FOOT STRAINER
26-47	O-RING
26-48	CHECK VALVE SPRING
27-1	TUBING ADAPTER & O-RING
27-2	CHECK BALL 7/32" DIAMETER
100-12	VINYL TUBING (1/4" ID X 8' LG.)
100-15	METERING TIP (SPECIFY COLOR)
100-15K	METERING TIP KIT (ALL 13 INCLUDED)

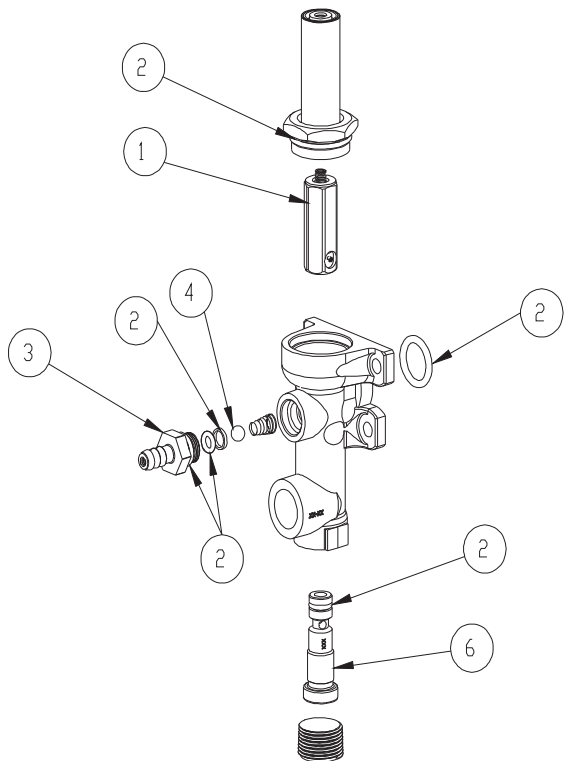
Dema Chemical Delivery System



NO.	PART NO.	DESCRIPTION
1		3 STATION MANIFOLD ADDITION
2	CDS.VI	VALVE-INJECTOR READY
3		1/8" NPT PLUG



NO.	PART NO.	DESCRIPTION
1	CDS.VF	VALVE ASSEMBLY W/FOAM CHAMBER
2	CDS.VI	VALVE-INJECTOR READY
3	95.15.3	PRESSURE GAUGE
4		7 STATION MANIFOLD
5	S4BN.3.80	Y-STRAINER W/BALL VALVE FLUSH



NO.	PART NO.	DESCRIPTION
1	CDS.2	PLUNGER ASSEMBLY KIT
2	CDS.4	O-RING KIT
3	CDS.3	CHECK BARB ASSEMBLY KIT (INCLUDES BARB, O-RINGS, RETAINING COLLAR, BALL, AND SPRING)
4		TEFLON BALL, 7/32 DIA. (IN CHECK BARB ASSEMBLY KIT)
5	----	O-RING RETAINING COLLAR (IN CHECK BARB ASSEMBLY KIT)
6	CDS.1.059 CDS.1.073 CDS.1.086 CDS.1.098 CDS.1.110	INJECTOR CHOKE TUBE KIT (INCLUDES O-RING)



SOLENOID VALVES

DIRECT ACTING

PILOT-PISTON

DIAPHRAGM

HIGH PRESSURE

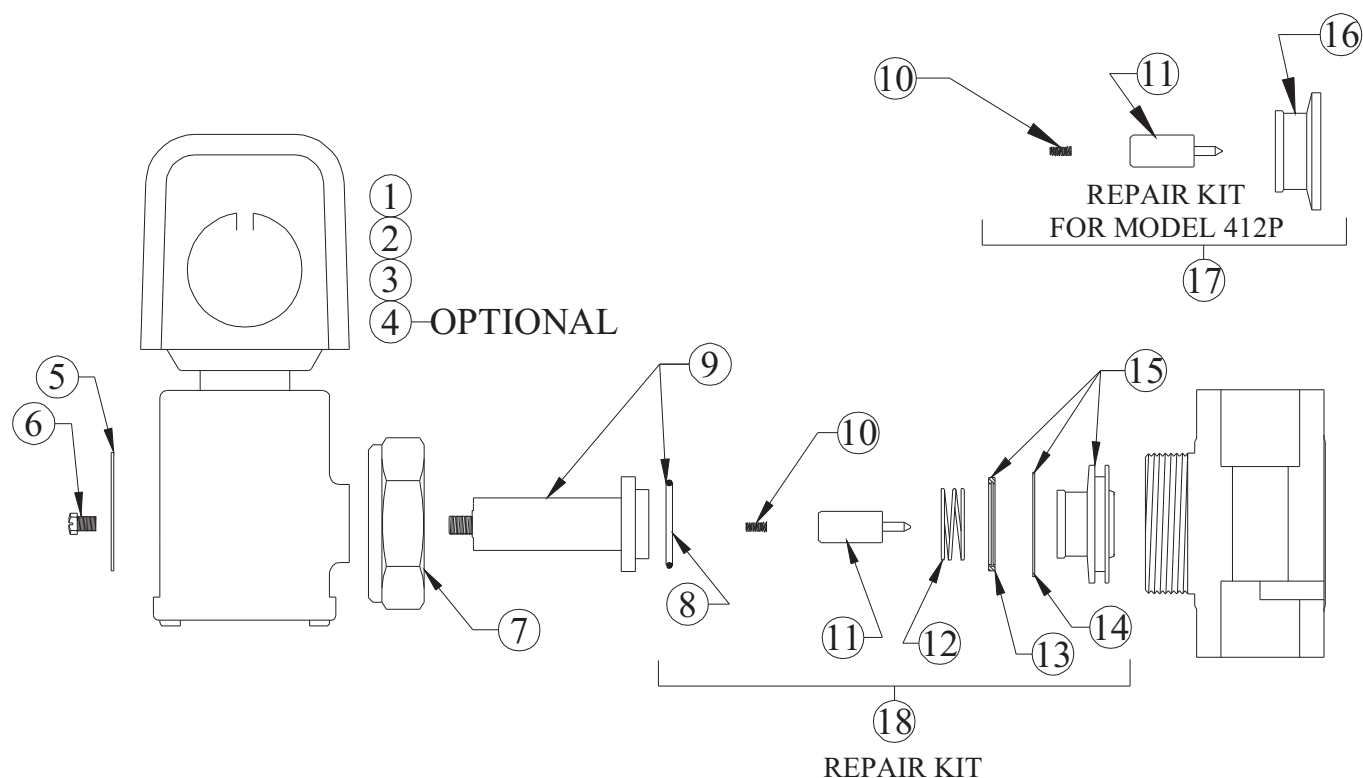
NORMALLY OPEN

VACUUM

MODEL 412P, A413P, A414P, A416P & A418P SOLENOID VALVE

SOLENOID VALVES, GENERAL PURPOSE

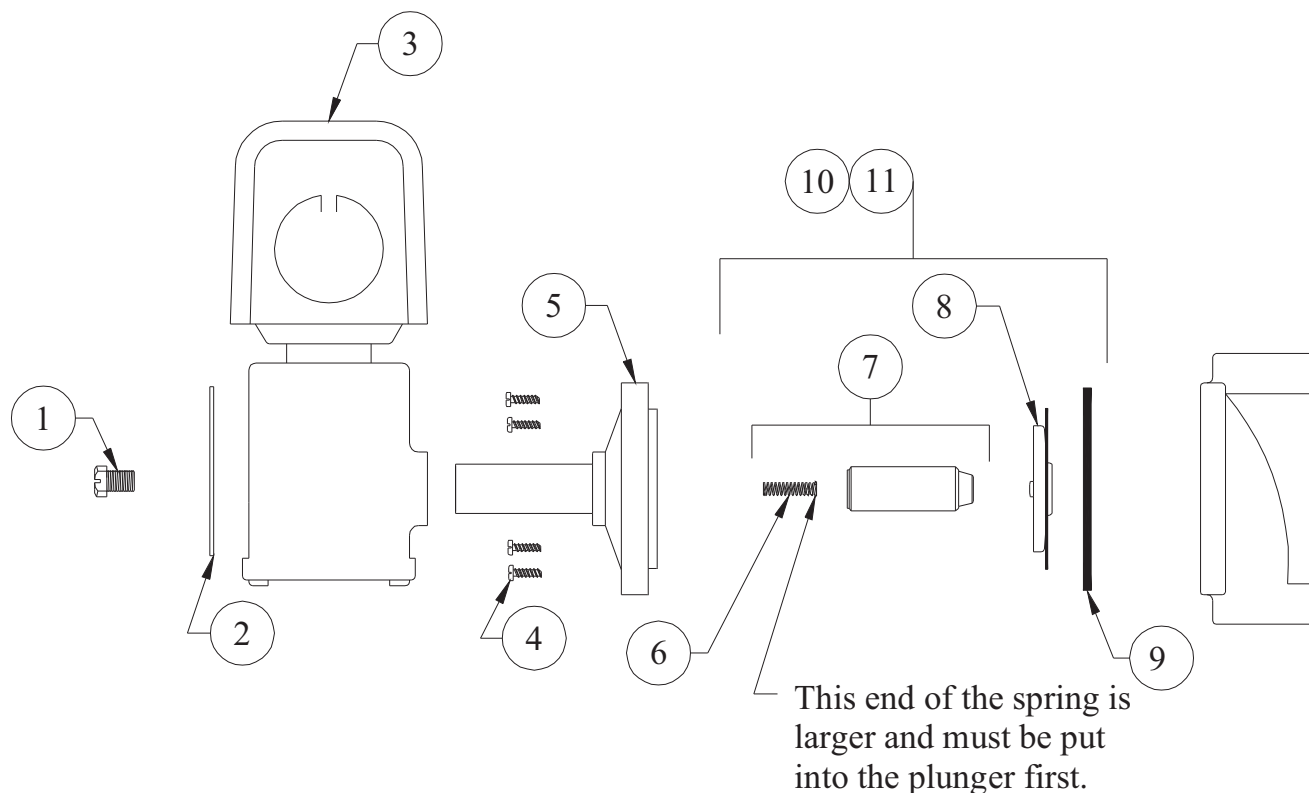
MODELS 412P, A413P, A414P, A416P, A418P



NO.	PART NO.	DESCRIPTION	VALVE MODEL NUMBER				
			412P	A413P	A414P	A416P	A418P
1	41-9-2	Coil Assembly (Specify Voltage)	*	*	*	*	*
2	41-9C-2	(Optional) Coil Assembly With Conduit Boss (Specify Voltage)	*	*	*	*	*
3	41-9D-2	Din Coil (Specify Voltage)	*	*	*	*	*
4	41-77-100110	(Optional) Din Female Connector	*	*	*	*	*
5	41-13-7	Nameplate	*				
	41-13-8	Nameplate			*		
	41-13-9	Nameplate		*			
	41-13-10	Nameplate				*	
	41-13-11	Nameplate					*
6	41-14-1	Top Plug Screw	*	*	*	*	*
7	41-17-1	Enclosing Tube Locknut	*				
	41-17-2	Enclosing Tube Locknut		*	*		
	41-17-3	Enclosing Tube Locknut				*	
	41-17-4	Enclosing Tube Locknut					*

DEMA NORMALLY CLOSED SOLENOID VALVES

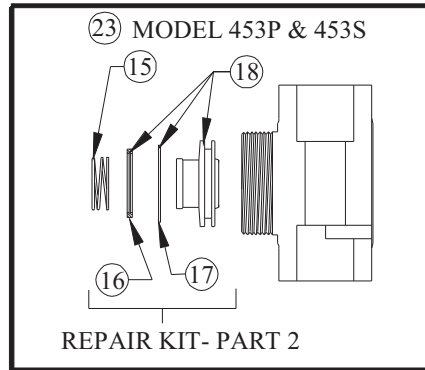
Model 473P, 473PT, 474P, 474PT, 476P & 476PT



NO.	PART NO.	DESCRIPTION
1	41-14-1	Top Plug Screw
2	41-13-14	Nameplate (Specify Model)
3	41-9-1	Solenoid Coil (Specify Voltage)
	41-9C-1	Optional Solenoid Coil With Conduit Boss (Specify Voltage)
4	41-16-2	Flange Bolt (4 Req'd)
5	41-7-12	Enclosing Tube (-P and -PT Valves)
6	41-1-9	Kick Off Spring
7	41-2-12	Plunger Assembly (Includes Plunger Spring)
8	41-15-1	Diaphragm – Buna <Black> (Models 473P, 474P)
	41-15-2	Diaphragm – Teflon <Tan> (Models 473PT, 474PT)
	41-15-3	Diaphragm – Buna <Black> (Models 476P)
	41-15-4	Diaphragm – Teflon <Tan> (Models 476PT)
9	41-12-4	O-Ring
10	41-47	Valve Repair Kit (Models 473P & 474P)
11	41-49	Valve Repair Kit (Model 476P)

HIGH PRESSURE SOLENOID VALVES

MODELS 453P, 453S, 454P, 458P, 458PS



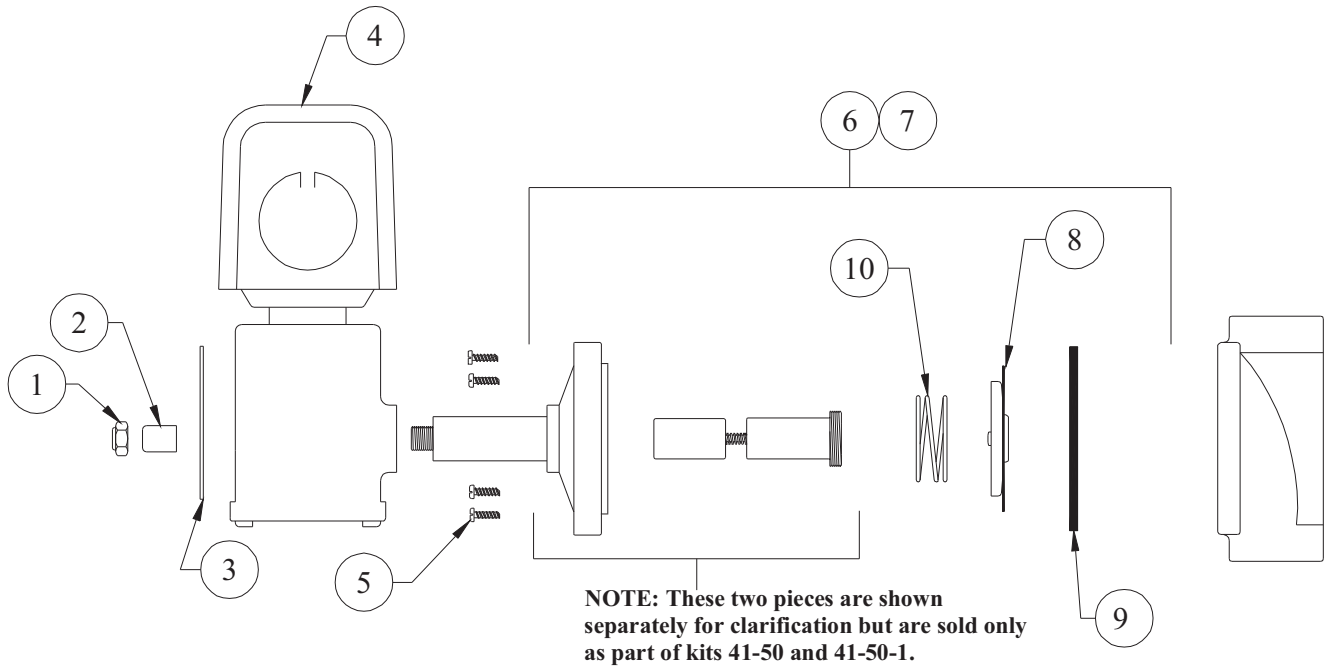
24 MODEL 454P
 25 MODEL 458P
 26 MODEL 458PS

19
 20
 22
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 17
 16
 21

REPAIR KIT- PART 2

DEMA SOLENOID VALVES NORMALLY OPEN

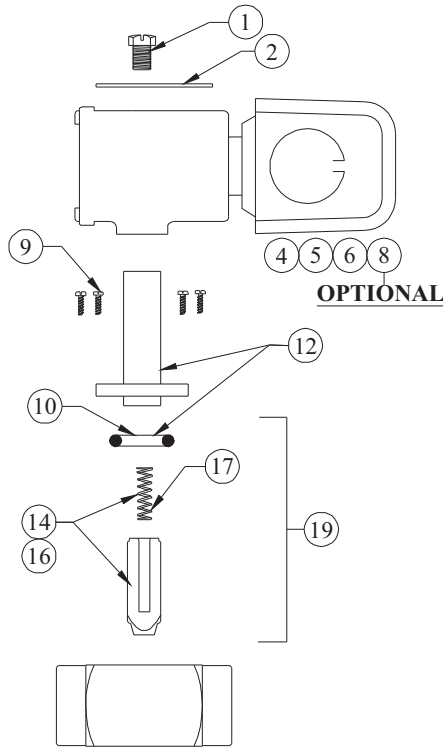
Model O473P, O474P, & O476P



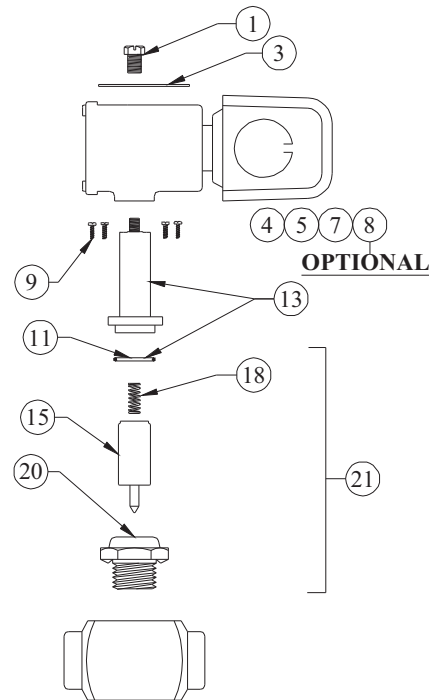
NO.	PART NO.	DESCRIPTION
1.	41-14-7	Coil Nut
2.	85-42-5	Spacer Cup
3.	41-13-14	Nameplate (Specify Model)
4.	O41-9-1	Solenoid Coil (Specify Voltage)
	O41-9C-1	Optional Solenoid Coil With Conduit Boss (Specify Voltage)
	O41-9D-1	Optional Solenoid Coil With DIN Connections (Specify Voltage)
5.	41-16-2	Flange Bolt (4 Req'd)
6.	41-50	Valve Repair Kit (Models O473P & O474P)
7.	41-50-1	Valve Repair Kit (Model O476P)
8.	41-15-1	Diaphragm – Buna (Models O473P & O474P)
	41-15-3	Diaphragm – Buna (Model O476P)
9.	41-12-4	O-Ring
10.	41-4-6	Closing Spring

MODEL 401P & 411P SOLENOID VALVE

SOLENOID VALVES, MODEL 401P AND 411P



MODEL 401P



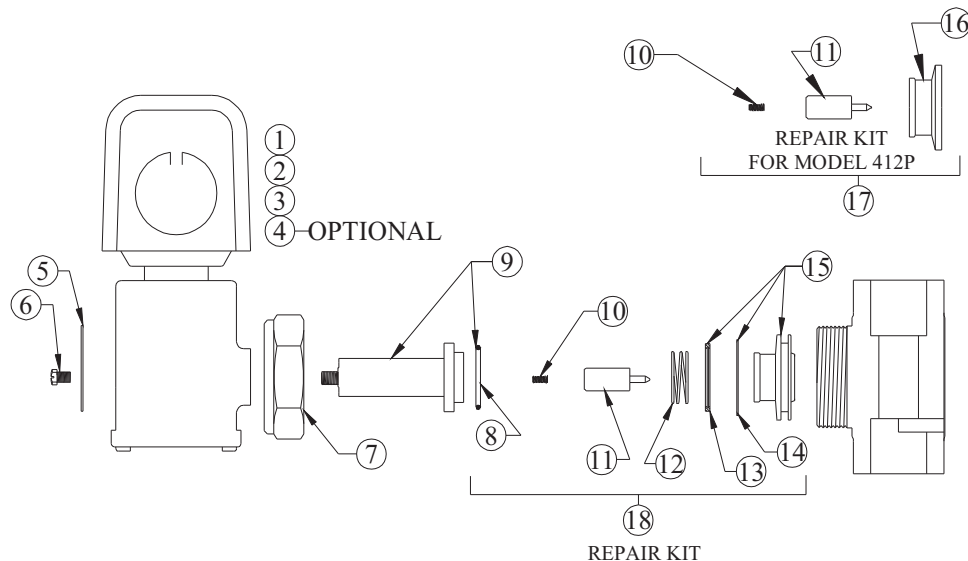
MODEL 411P

NO.	PART NO.	DESCRIPTION
1	41-14-1	Top Plug Screw
2	41-13-5	Nameplate
3	41-13-12	Nameplate (411P)
4	41-9-1-	Solenoid Coil (Specify Voltage) Junction Box As Shown
	41-9-2-	Solenoid Coil (Specify Voltage) Junction Box As Shown (411P)
5	41-9C-1-	Solenoid Coil (Specify Voltage) Conduit Connection
	41-9C-2-	Solenoid Coil (Specify Voltage) Conduit Connection (411P)
6	41-9D-1-	Din Coil (Specify Voltage)
7	41-9D-2-	Din Coil (Specify Voltage) (411P)
8	41-77-100110	(Optional) Din Female Connector
9	41-16-1	Enclosing Tube Screw (4 Req'd)
10	41-5-8	O-Ring, Buna-N (1/2 X 5/8 X 1/16)

NO.	PART NO.	DESCRIPTION
11	24-3	O-Ring, Buna-N (13/16 X 15/16 X 1/16)
12	41-7-1	Enclosing Tube & O-Ring
13	41-7-6	Enclosing Tube & O-Ring (411P)
14	41-2-1	Standard 401 Plunger With Buna-N Disc (Including Spring)
15	41-10-1	Plunger (411P)
16	41-2-10	(Optional) Plunger With Teflon Disc (Model 401PT)
16	41-2-13	(Optional) Plunger With Viton Disc (Model 401PV)
17	41-1-1	Plunger Spring
18	41-1-3	Plunger Spring (411P)
19	41-24	Repair Kit (401P)
20	41-21-1	Valve Seat
21	41-25	Repair Kit (411P)

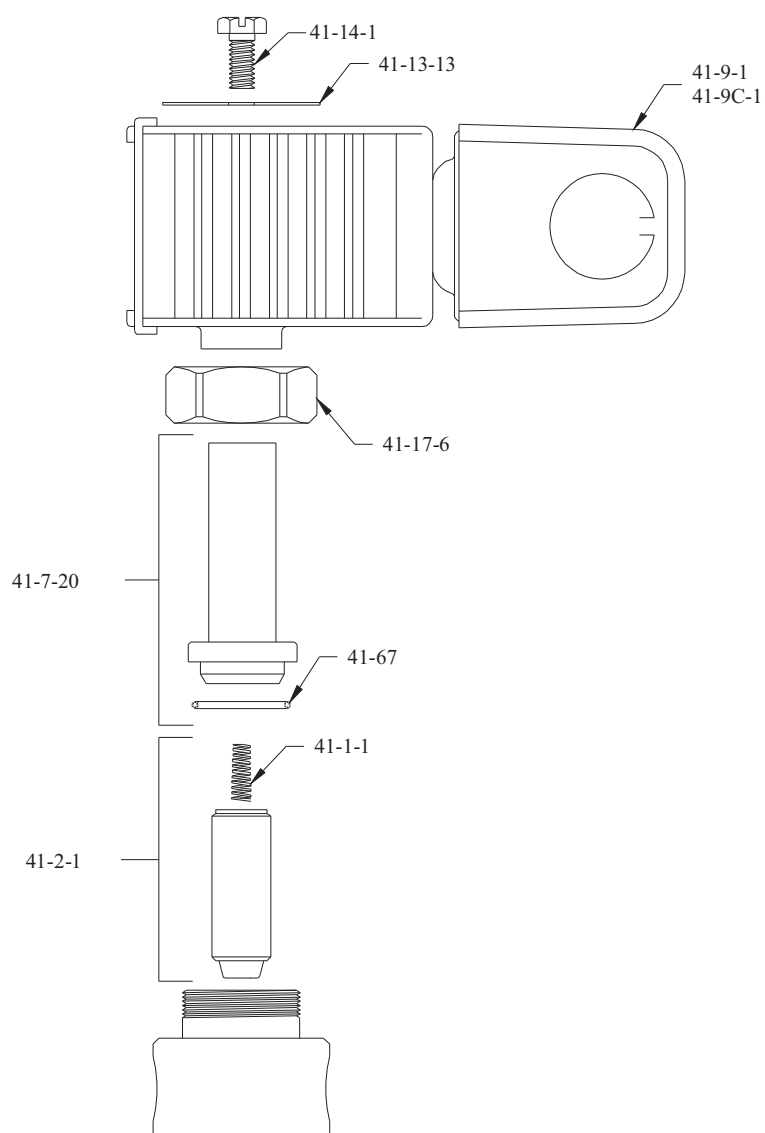
SOLENOID VALVES, GENERAL PURPOSE

MODELS 412P, A413P, A414P, A416P, A418P



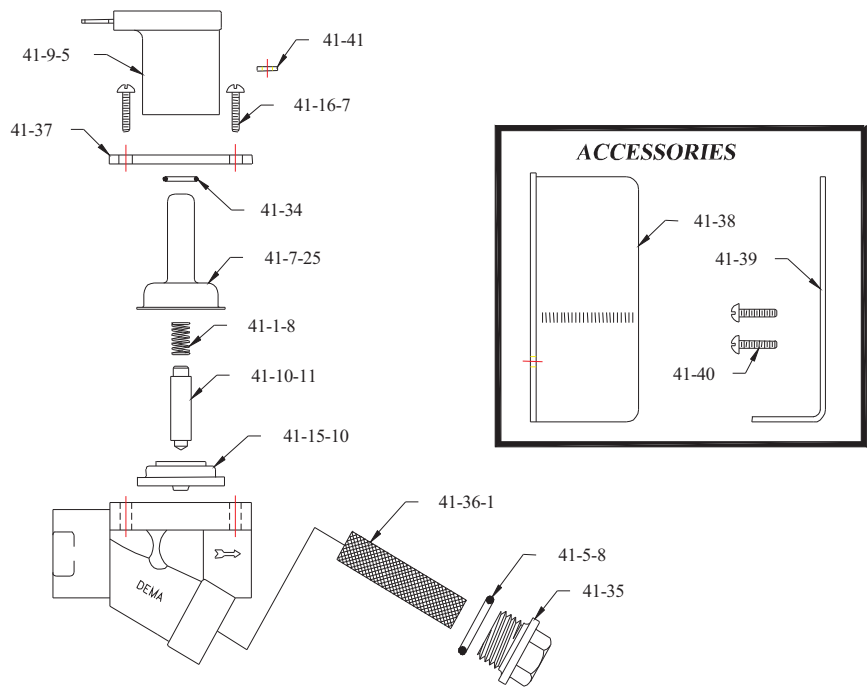
NO.	PART NO.	DESCRIPTION	VALVE MODEL NUMBER				
			412P	A413P	A414P	A416P	A418P
1	41-9-2	Coil Assembly (Specify Voltage)	*	*	*	*	*
2	41-9C-2	(Optional) Coil Assembly With Conduit Boss (Specify Voltage)	*	*	*	*	*
3	41-9D-2	Din Coil (Specify Voltage)	*	*	*	*	*
4	41-77-100110	(Optional) Din Female Connector	*	*	*	*	*
5	41-13-7	Nameplate	*				
	41-13-8	Nameplate			*		
	41-13-9	Nameplate		*			
	41-13-10	Nameplate				*	
	41-13-11	Nameplate					*
6	41-14-1	Top Plug Screw	*	*	*	*	*
7	41-17-1	Enclosing Tube Locknut	*				
	41-17-2	Enclosing Tube Locknut		*	*		
	41-17-3	Enclosing Tube Locknut				*	
	41-17-4	Enclosing Tube Locknut					*
8	41-12-1	Tetraseal Ring		*	*		
	41-12-2	Tetraseal Ring				*	
	41-12-3	Tetraseal Ring					*
	41-12-5	Tetraseal Ring	*				
9	41-7-2	Enclosing Tube With Tetraseal Ring		*	*		
	41-7-3	Enclosing Tube With Tetraseal Ring				*	
	41-7-4	Enclosing Tube With Tetraseal Ring					*
	41-7-7	Enclosing Tube With Tetraseal Ring	*				
10	41-1-2	Plunger Spring		*	*	*	*
	41-1-3	Plunger Spring	*				
11	41-10-2	Plunger Assembly	*				
	41-10-4	Plunger Assembly		*			
	41-10-5	Plunger Assembly			*		*
	41-10-6	Plunger Assembly				*	
12	41-4-4	Closing Spring		*	*		
	41-4-5	Closing Spring				*	*
13	41-19-1	Piston Ring		*	*		
	41-19-3	Piston Ring				*	
	41-19-4	Piston Ring					*
14	41-20-2	Backup Spring		*	*		
	41-20-2	Backup Spring				*	
	41-20-2	Backup Spring					*
	41-11-2	Piston Assembly With Ring & Backup Spring		*			
15	41-11-3	Piston Assembly With Ring & Backup Spring			*		
	41-11-4	Piston Assembly With Ring & Backup Spring				*	
	41-11-7	Piston Assembly With Ring & Backup Spring					*
16	41-3-1	Piston Assembly	*				
17	41-26	412P Repair Kit	*				
18	41-27	413P Repair Kit		*			
	41-28	414P Repair Kit			*		
	41-29	416P Repair Kit				*	
	41-30	418P Repair Kit					*

DEMA MODEL 424-2 SOLENOID VALVE



PART NO.	DESCRIPTION
41-1-1	Plunger Spring
41-2-1	Plunger (including spring) – EPDM
41-2-10	Plunger (including spring) – Teflon
41-2-13	Plunger (including spring) – Viton
41-67	O-Ring
41-7-20	Tube Assembly
41-9-1	Solenoid Coil (specify voltage)
41-9C-1	Optional Solenoid Coil with Conduit Boss
41-13-13	Name Plate (specify model)
41-14-1	Top Plug Screw

SOLENOID VALVE
MODELS: 442P & 443P



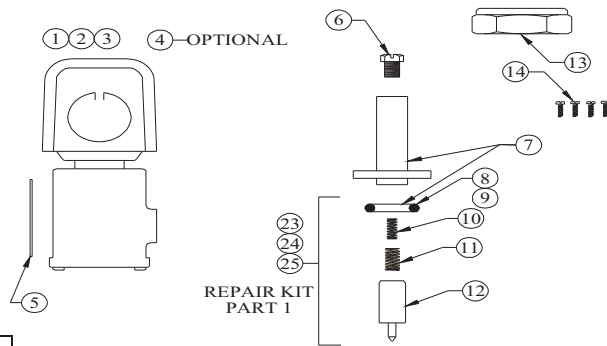
<i>PART N0.</i>	<i>DESCRIPTION</i>
41-1-8	KICK-OFF SPRING
41-7-25	ENCLOSING TUBE (STAINLESS)
41-9-5	SOLENOID COIL (SPECIFY VOLTAGE)
41-10-11	PLUNGER
41-15-10	DIAPHRAGM
41-34	SPACER RING
41-36-1	STRAINER SCREEN
41-37	FLANGE
41-41	NYLON WASHER
41-35	SCREEN CAP
41-5-8	O-RING SEAL
41-16-7	SCREW

ACCESSORIES

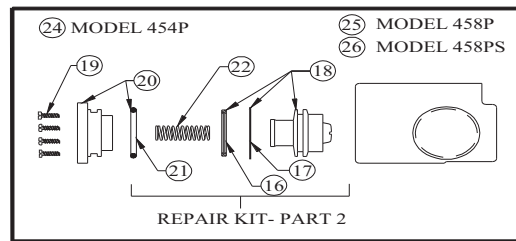
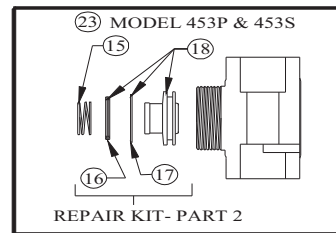
41-38	SOLENOID COVER
41-39	MOUNTING BRACKET
41-40	SCREW #6-32 X 5/16 LG. (2 REQD.)

HIGH PRESSURE SOLENOID VALVES

MODELS 453P, 453S, 454P, 458P, 458PS



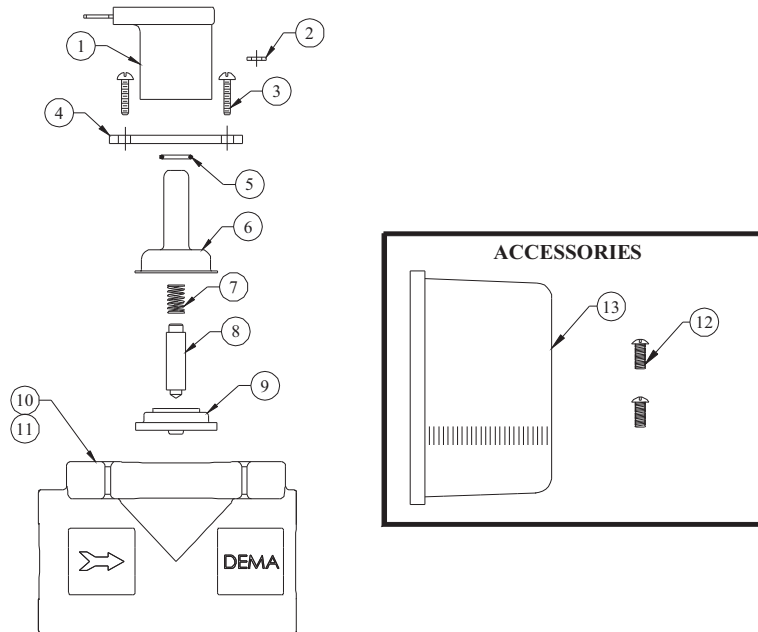
MODEL	PARTS USED
453P	Brass Bore (No SS Sleeve)
	SS Piston
453S	SS Sleeve
	SS Piston
454P	SS Sleeve
	Brass Piston
458P	SS Sleeve
	Brass Piston
458PS	SS Sleeve
	SS Piston



NO.	PART NO.	DESCRIPTION	VALVE MODEL NUMBER			
			453P/453S	454P	458P	458PS
1	41-9-2	Coil Assembly (Specify Voltage)	*	*	*	*
2	41-9C-2	(Optional) Coil Assembly With Conduit Boss (Specify Voltage)	*	*	*	*
3	41-9D-2	Din Coil (Specify Voltage)	*	*	*	*
4	41-77-100110	(Optional) Din Female Connector	*	*	*	*
5	41-13-6	Nameplate (Specify Model No.)	*	*	*	*
6	41-14-1	Top Plug Screw	*	*	*	*
7	41-7-22	Enclosing Tube With O-Ring			*	*
	41-7-23	Enclosing Tube With O-Ring		*		
	41-7-24	Enclosing Tube With O-Ring	*			
8	41-5-2	O-Ring, Buna-N (1 X 1 1/8 X 1/16)	*			
9	24-3	O-Ring, Buna-N (13/16 X 15/16 X 1/16)		*	*	*
10	41-1-6	Plunger Spring Return	*	*	*	*
11	41-1-7	Plunger Spring Kickoff	*	*	*	*
12	41-10-10	Plunger Assembly		*	*	*
	41-10-12	Plunger Assembly	*			
13	41-17-1	Enclosing Tube Locknut		*	*	*
	41-17-5	Enclosing Tube Locknut	*			
14	41-16-1	Enclosing Tube Screw (4 Req'd.)		*		
15	41-4-1	Closing Spring	*			
16	41-43-2	Piston Ring	*	*		
	X15195-1	Piston Ring (Std. # only, no DEMA #)			*	*
	41-20-2	Backup Spring	*	*		
17	41-20-6	Backup Spring			*	*
	41-3-5	Piston Assy., SS With Ring & Backup Spring	*			
	41-3-6	Piston Assy., Brass With Ring & Backup Spring		*		
	41-3-8	Piston Assy., Brass With Ring & Backup Spring			*	
	41-3-9	Piston Assy., Brass With Ring & Backup Spring				*
19	41-16-3	Piston Bore Lid Screw (4 Req'd.)		*		
	41-16-4	Piston Bore Lid Screw (4 Req'd.)			*	*
20	41-18-1	Piston Bore Lid With O-Ring		*		
	41-18-2	Piston Bore Lid With O-Ring			*	*
21	41-6-1	Piston Bore Lid O-Ring			*	*
	41-6-2	Piston Bore Lid O-Ring		*		
22	41-4-2	Closing Spring		*		
	41-4-3	Closing Spring			*	*
23	41-31	Repair Kit W/SS Piston (Models 453P & 453S)	*			
24	41-32	Repair Kit W/Brass Piston (Model 454P)		*		
25	41-33	Repair Kit W/Brass Piston (Model 458P)			*	
26	41-33-2	Repair Kit W/SS Piston (Model 458PS)				*

SOLENOID VALVE

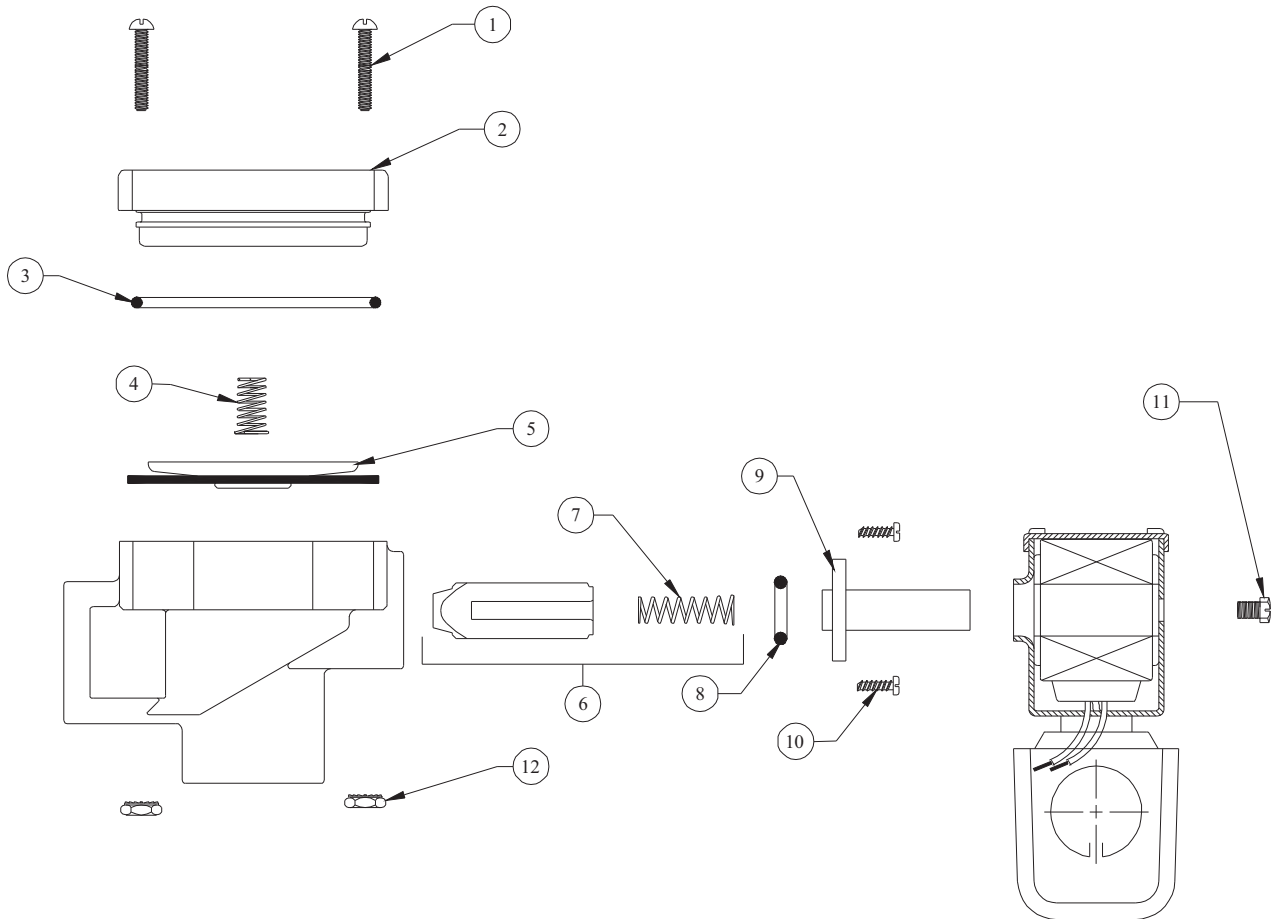
MODELS: 463PS & 464PS



NO.	PART NO.	DESCRIPTION
1	41-9-5A	Solenoid Coil (Specify Voltage)
2	41-41 41-42	Nylon Washer Nylon Spacer Washer (for DIN)
3	41-16-9 41-16-8	#8-18 Hex Washer Head Screw (4 Reqd.) 8/32" x 5/8" Hex Washer Screw (for DIN)
4	41-72-2	Flange
5	41-34	Spacer Ring
6	41-7-25	Enclosing Tube (Stainless)
7	41-1-8	Kick-Off Spring
8	41-10-11	Plunger
9	41-15-10 41-15-6 41-15-7	Diaphragm (EPDM) - Standard Diaphragm (Viton) Diaphragm (Buna-N)
10	35-40	Valve Body (464PS)
11	35-41	Valve Body (463PS)

ACCESSORIES		
NO.	PART NO.	DESCRIPTION
12	41-63-2	Screw #8-32 X 3/8 Rd Hd Phil S.S. (2 Reqd.)
13	41-73	Solenoid Cover

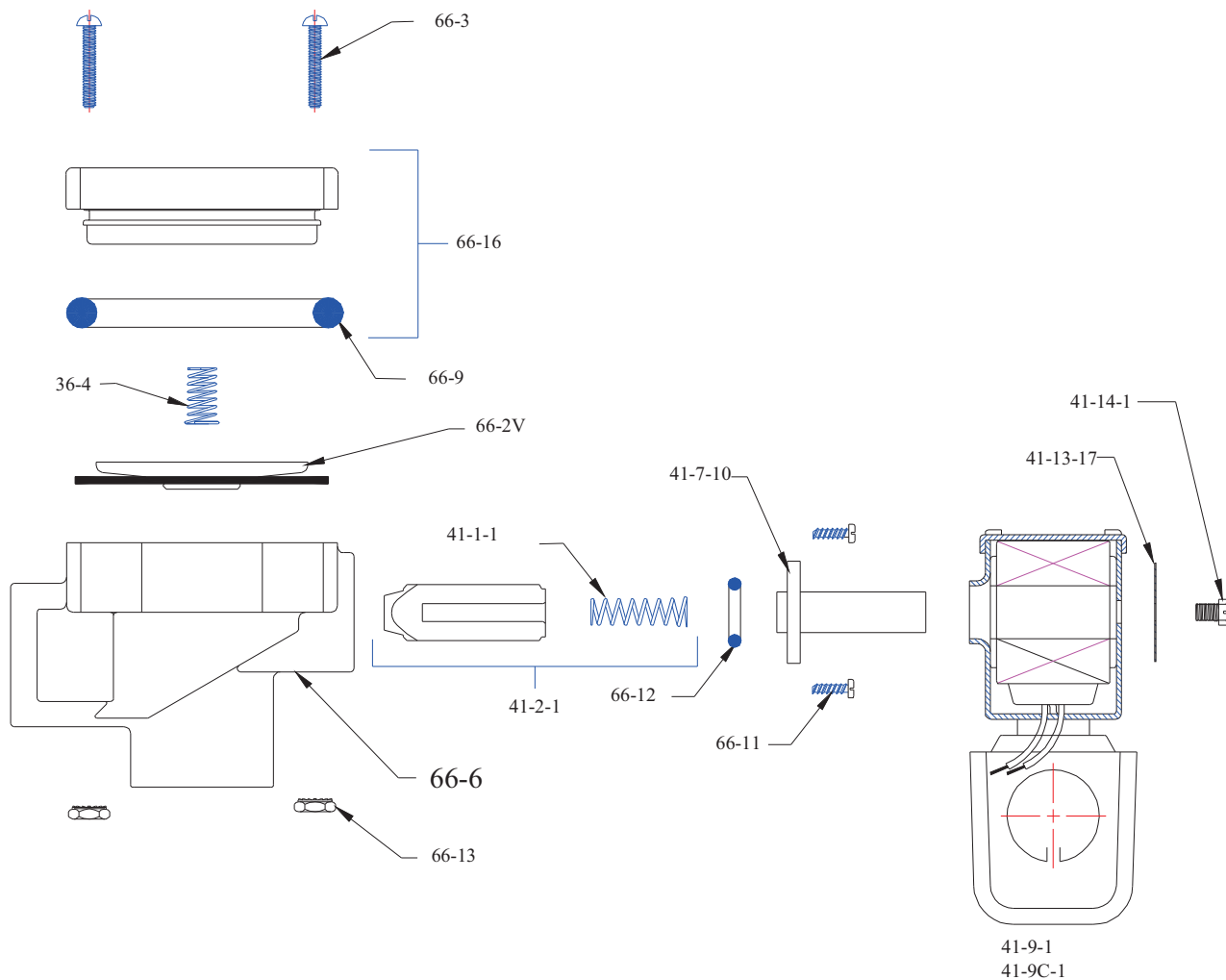
DEMA MODEL 466P SOLENOID VALVE



NO.	PART NO.	DESCRIPTION
1	36-33-4	Screw, Rd Head #8-32 x 1-1/4" Lg. (4 Required)
2	36-27-2	Lid
3	36-3	Valve Cover O-Ring
4	36-4	Closing Spring
5	66-2V	Diaphragm Assy. (Viton)
6	41-2-1	Solenoid Plunger Assy. with Spring
7	41-1-1	Plunger Kickoff Spring
8	26-52	Enclosing Tube O-Ring
9	41-7-9	Enclosing Tube Assy.
10	58-60	Screw Rd. Head #6-32 X 3/8" Lg. (4 Required)
11	41-14-1	Screw, Hex Head, #10-32 X 5/16" Lg.
12	36-32-1	Hex Nut

DIAPHRAGM SOLENOID VALVE

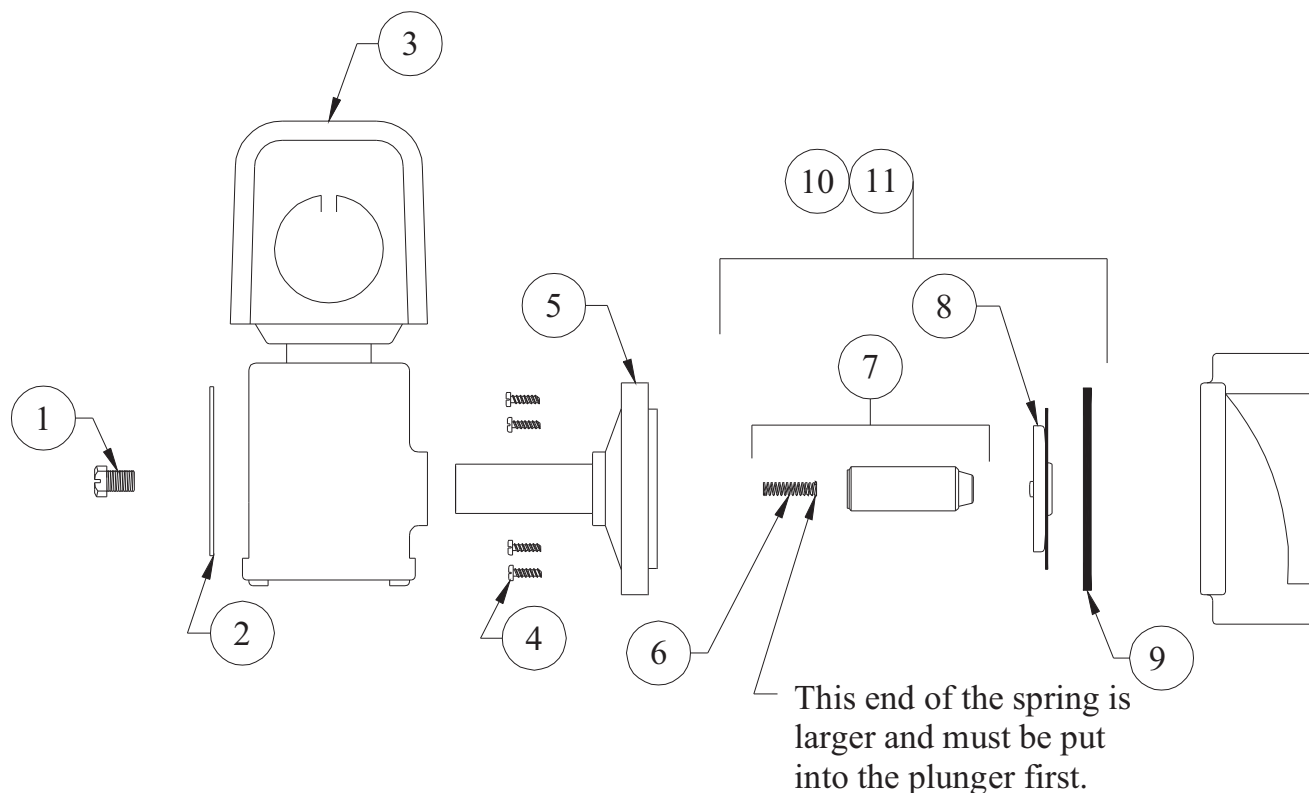
MODELS 466PV



PART NO.	DESCRIPTION
36-4	CLOSING SPRING
41-1-1	PLUNGER KICKOFF SPRING
41-2-1	SOLENOID PLUNGER ASSY. WITH SPRING
41-7-9	ENCLOSING TUBE ASSY.
41-9-1	OPTIONAL SOLENOID COIL WITH CONDUIT BOSS
41-9C-1	SOLENOID COIL (SPECIFY VOLTAGE)
41-13-17	NAMEPLATE
41-14-1	SCREW, HEX, HD. #10-32 X 5/16" LG.
66-2V	DIAPHRAGM ASSY. VITON
66-3	SCREW, RD. HD. #8/32 X 1-1/4" LG. (4 REQUIRED)
66-6	VALVE BODY ASSY.
66-9	VALVE COVER WITH O-RING
66-11	SCREW RD. HD. #6-32 X 3/8" LG. (4 REQUIRED)
66-12	ENCLOSING TUBE O-RING
66-13	HEX NUT WITH LOCK WASHER
66-16	VALVE COVER O-RING

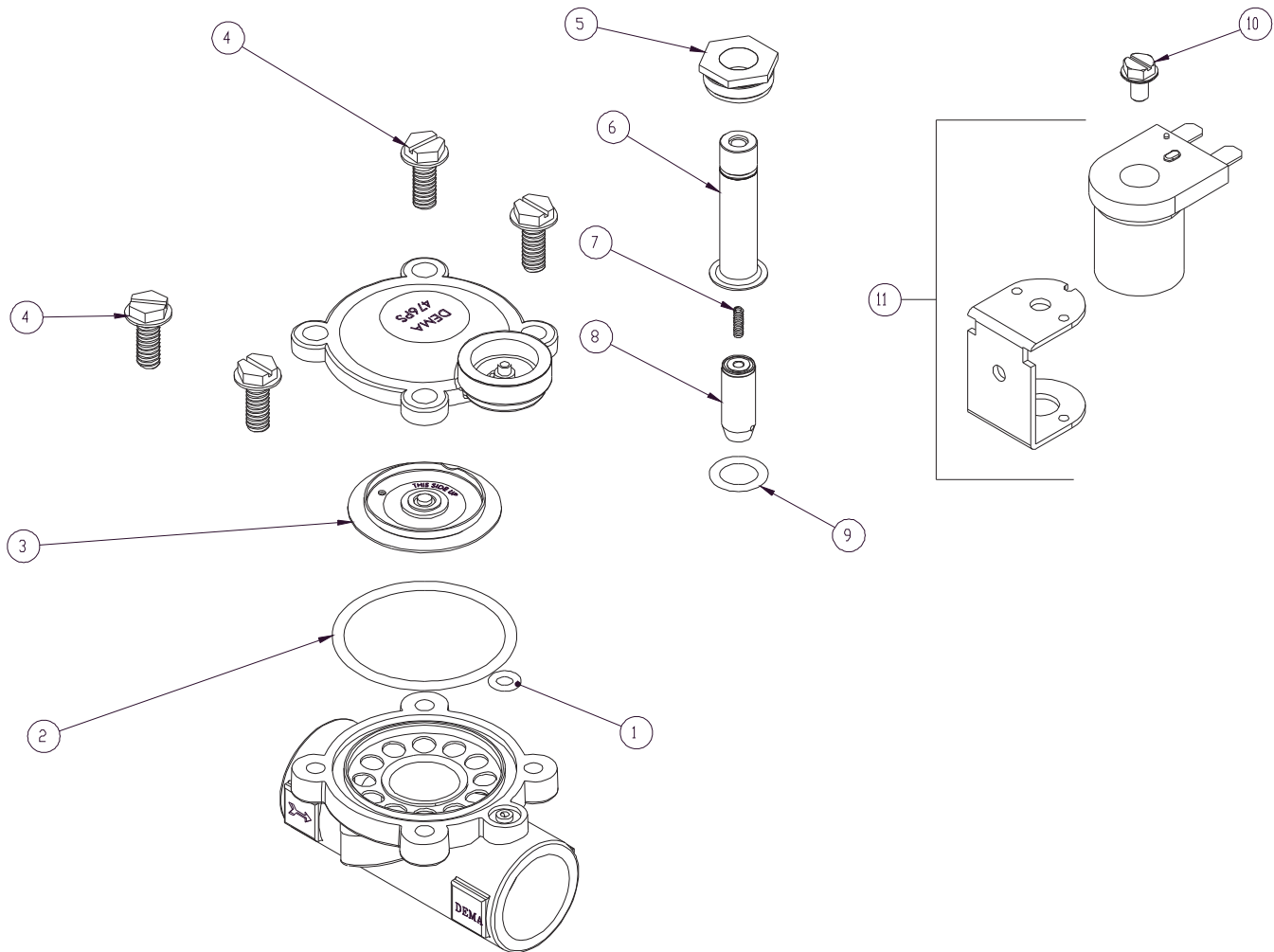
DEMA NORMALLY CLOSED SOLENOID VALVES

Model 473P, 473PT, 474P, 474PT, 476P & 476PT



NO.	PART NO.	DESCRIPTION
1	41-14-1	Top Plug Screw
2	41-13-14	Nameplate (Specify Model)
3	41-9-1	Solenoid Coil (Specify Voltage)
	41-9C-1	Optional Solenoid Coil With Conduit Boss (Specify Voltage)
4	41-16-2	Flange Bolt (4 Req'd)
5	41-7-12	Enclosing Tube (-P and -PT Valves)
6	41-1-9	Kick Off Spring
7	41-2-12	Plunger Assembly (Includes Plunger Spring)
8	41-15-1	Diaphragm – Buna <Black> (Models 473P, 474P)
	41-15-2	Diaphragm – Teflon <Tan> (Models 473PT, 474PT)
	41-15-3	Diaphragm – Buna <Black> (Models 476P)
	41-15-4	Diaphragm – Teflon <Tan> (Models 476PT)
9	41-12-4	O-Ring
10	41-47	Valve Repair Kit (Models 473P & 474P)
11	41-49	Valve Repair Kit (Model 476P)

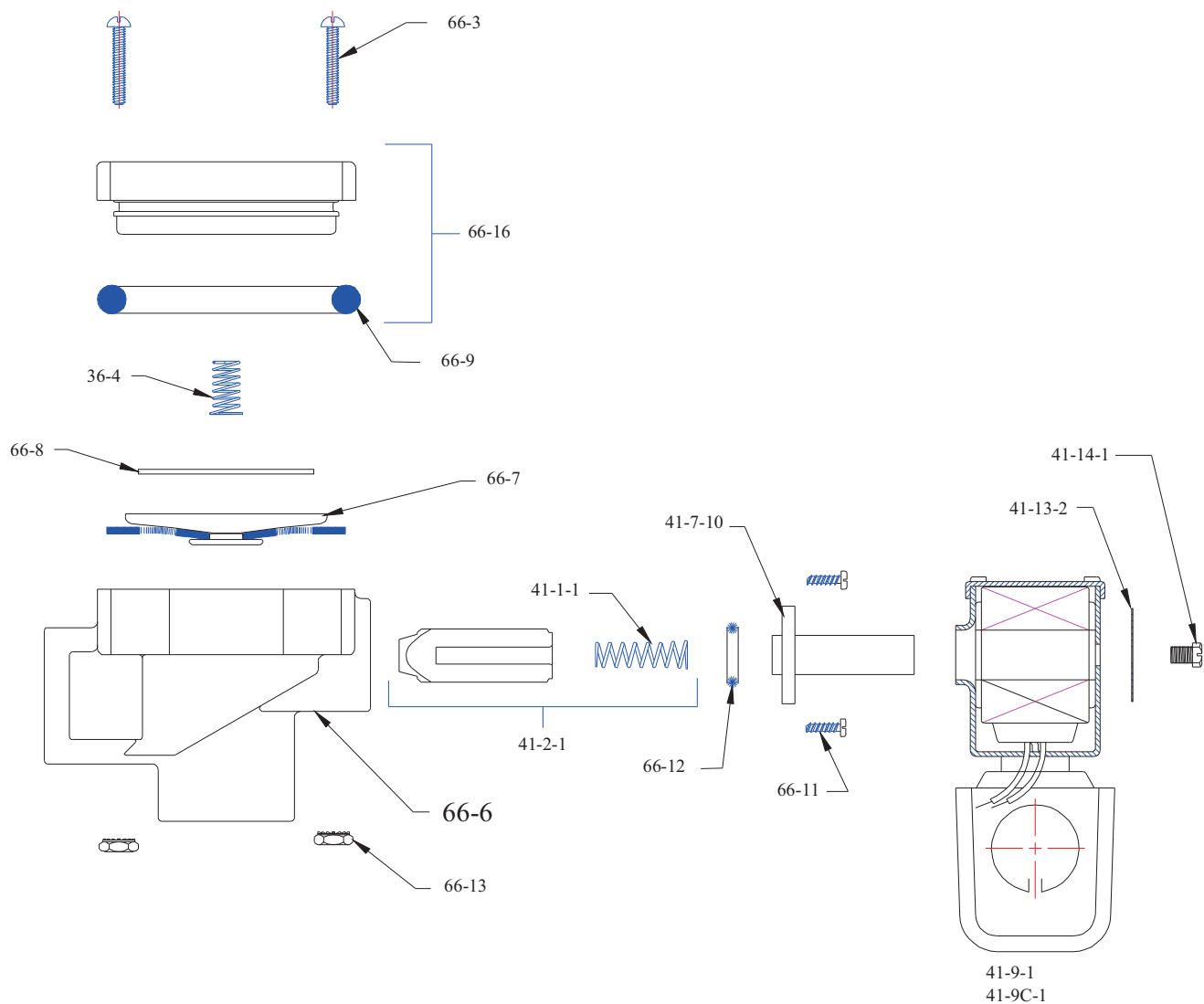
Model 476PS



NO.	PART NO.	DESCRIPTION
1	24-49	O-Ring (Buna-N)
2	41-12-4	O-Ring (Buna-N)
3	41-15-8	Diaphragm – Buna-N (For 476PS-B)
	41-15-9	Diaphragm – Teflon (For 476PS-T)
4	41-16-10	Hex Machine Screw
5	49-5	Tube Nut
6	49-4	Enclosing Tube Assy.
7	49-7	Kick-Off Spring
8	49-3-B	Plunger Assy. - Buna-N (For 476PS-B)
	49-3-V	Plunger Assy. – Viton (For 476PS-T)
9	41-5-8	O-Ring (Buna-N)
10	41-14-1	Top Plug Screw
11	41-9-7B-3	Coil & Bracket Assy. (24V 60Hz)
	41-9-7B-6	Coil & Bracket Assy. (120V 60Hz)
12	41-56-1	Repair Kit (For 476PS-B) – Not Shown

DIAPHRAGM SOLENOID VALVE

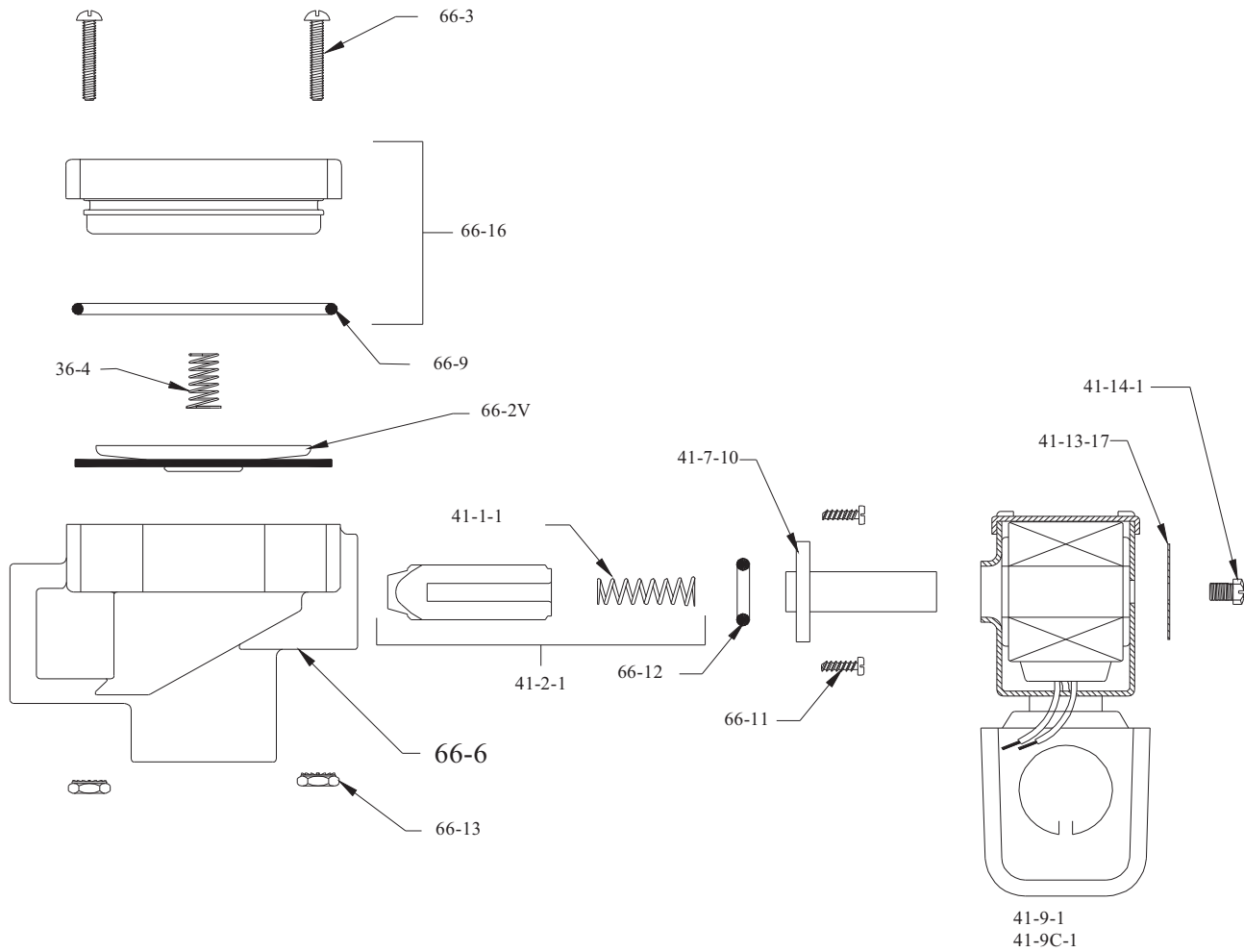
MODELS 746PT



PART NO.	DESCRIPTION
36-4	CLOSING SPRING
41-1-1	PLUNGER KICKOFF SPRING
41-2-1	SOLENOID PLUNGER ASSY. WITH SPRING
41-7-9	ENCLOSING TUBE ASSY.
41-9-1	OPTIONAL SOLENOID COIL WITH CONDUIT BOSS
41-9C-1	SOLENOID COIL (SPECIFY VOLTAGE)
41-13-2	NAMEPLATE
41-14-1	SCREW, HEX, HD. #10-32 X 5/16" LG.
66-3	SCREW, RD. HD. #8/32 X 1-1/4" LG. (4 REQUIRED)
66-6	VALVE BODY ASSY.
66-7	DIAPHRAGM ASSY. VITON
66-8	SPACER RING
66-9	VALVE COVER WITH O-RING
66-11	SCREW RD. HD. #6-32 X 3/8" LG. (4 REQUIRED)
66-12	ENCLOSING TUBE O-RING
66-13	HEX NUT WITH LOCK WASHER
66-16	VALVE COVER O-RING

DIAPHRAGM SOLENOID VALVE

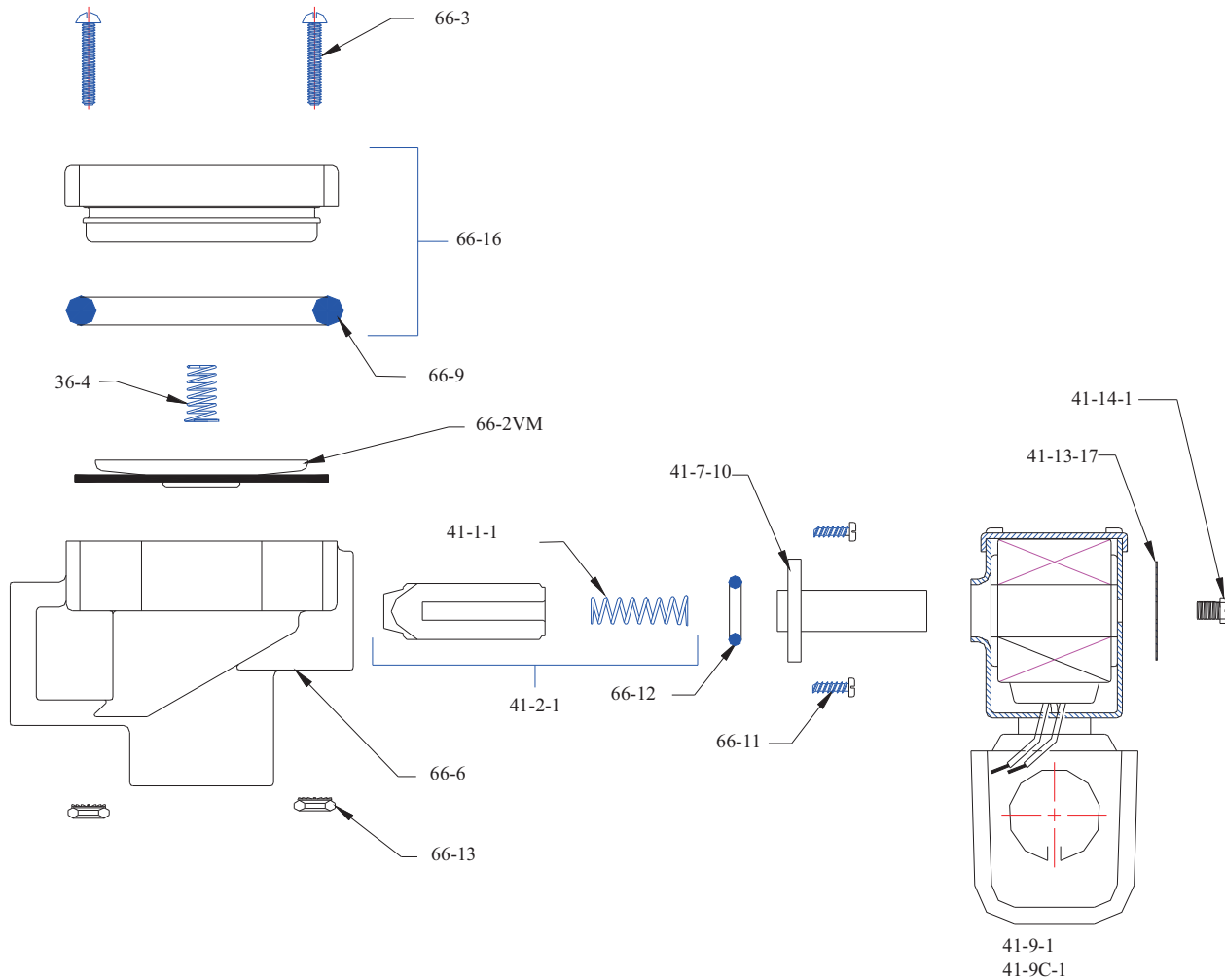
MODELS 746PV



PART NO.	DESCRIPTION
36-4	CLOSING SPRING
41-1-1	PLUNGER KICKOFF SPRING
41-2-1	SOLENOID PLUNGER ASSY. WITH SPRING
41-7-9	ENCLOSING TUBE ASSY.
41-9-1	OPTIONAL SOLENOID COIL WITH CONDUIT BOSS
41-9C-1	SOLENOID COIL (SPECIFY VOLTAGE)
41-13-17	NAMEPLATE
41-14-1	SCREW, HEX, HD. #10-32 X 5/16" LG.
66-2V	DIAPHRAGM ASSY. VITON
66-3	SCREW, RD. HD. #8/32 X 1-1/4" LG. (4 REQUIRED)
66-6	VALVE BODY ASSY.
66-9	VALVE COVER WITH O-RING
66-11	SCREW RD. HD. #6-32 X 3/8" LG. (4 REQUIRED)
66-12	ENCLOSING TUBE O-RING
66-13	HEX NUT WITH LOCK WASHER
66-16	VALVE COVER O-RING

DIAPHRAGM SOLENOID VALVE

MODELS 746PVM



PART NO.	DESCRIPTION
36-4	CLOSING SPRING
41-1-1	PLUNGER KICKOFF SPRING
41-2-1	SOLENOID PLUNGER ASSY. WITH SPRING
41-7-9	ENCLOSING TUBE ASSY.
41-9-1	OPTIONAL SOLENOID COIL WITH CONDUIT BOSS
41-9C-1	SOLENOID COIL (SPECIFY VOLTAGE)
41-13-17	NAMEPLATE
41-14-1	SCREW, HEX, HD. #10-32 X 5/16" LG.
66-2V	DIAPHRAGM ASSY. VITON
66-3	SCREW, RD. HD. #8/32 X 1-1/4" LG. (4 REQUIRED)
66-6	VALVE BODY ASSY.
66-9	VALVE COVER WITH O-RING
66-11	SCREW RD. HD. #6-32 X 3/8" LG. (4 REQUIRED)
66-12	ENCLOSING TUBE O-RING
66-13	HEX NUT WITH LOCK WASHER
66-16	VALVE COVER O-RING

DEMA NORMALLY CLOSED SOLENOID VALVE

Model 478PS

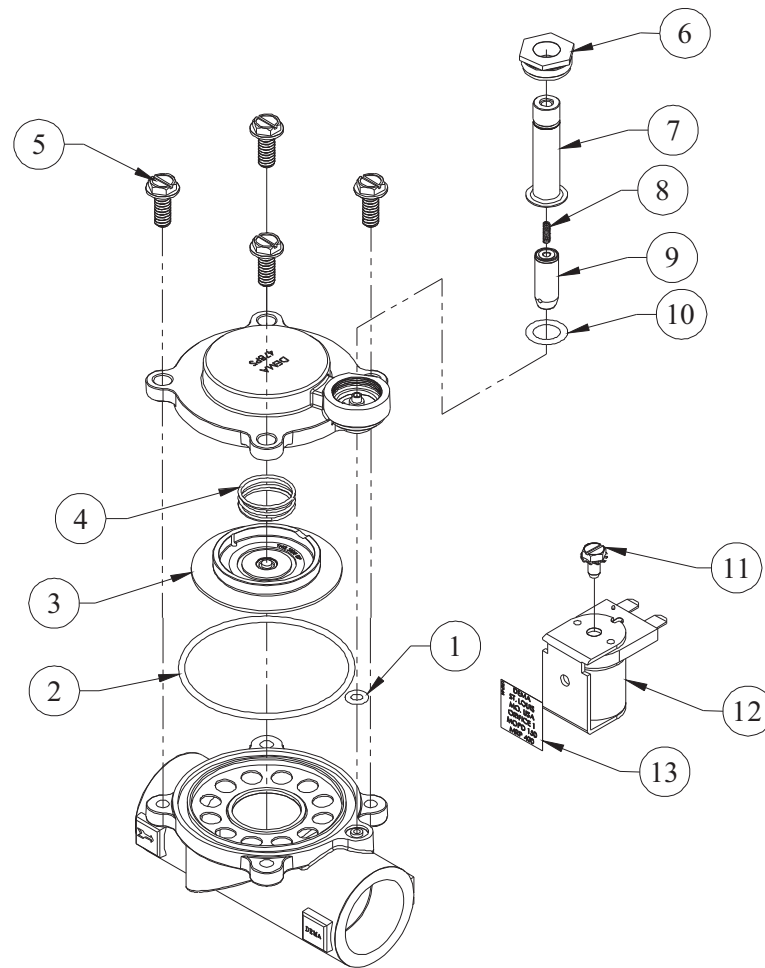
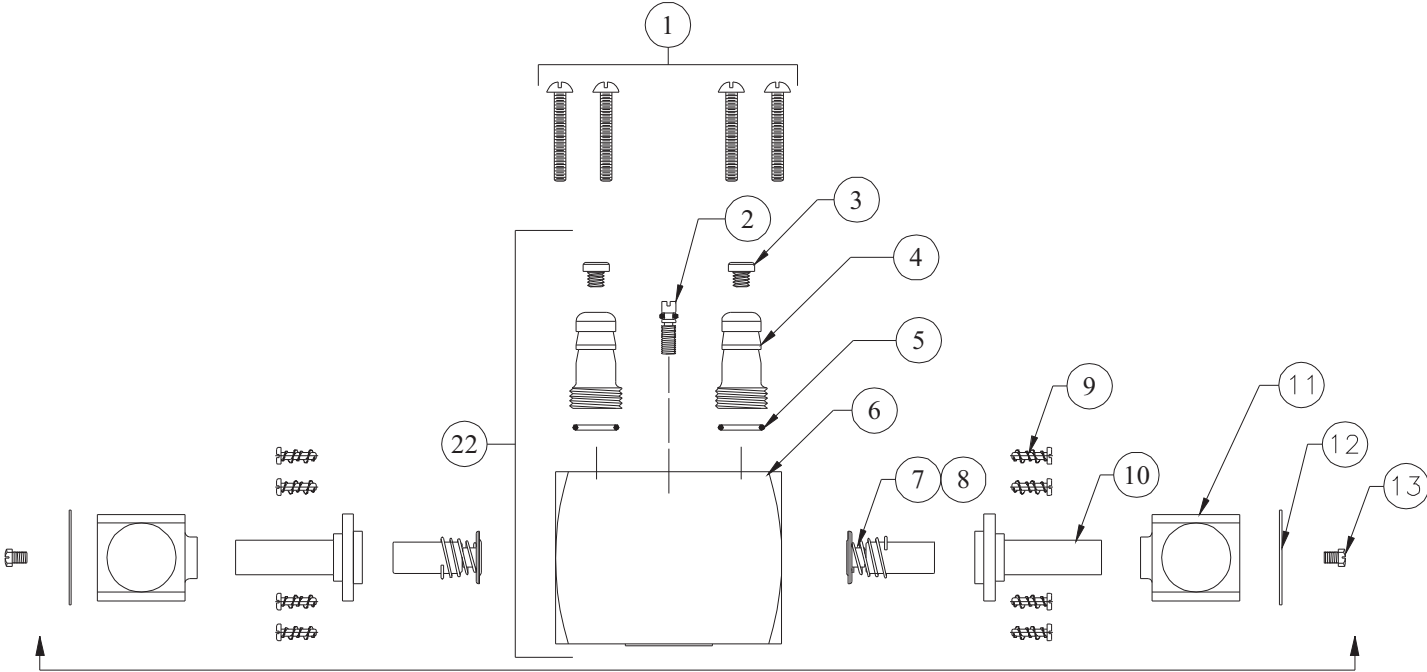


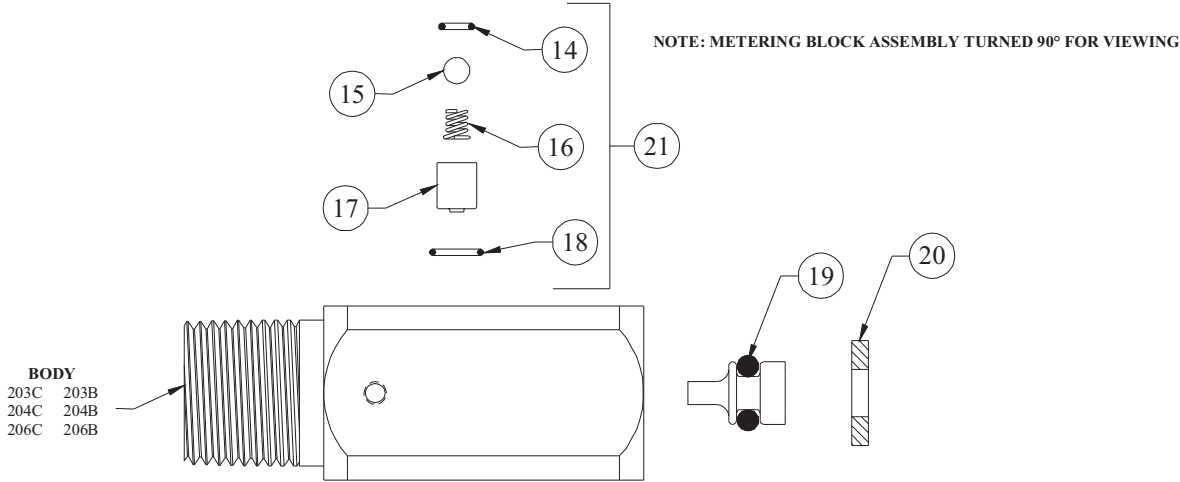
FIGURE 1

NO.	PART NO.	DESCRIPTION
1	24-49	O-Ring (Buna-N)
2	41-12-7	O-Ring (Buna-N)
3	41-15-11	Diaphragm Assy.– Buna-N (For 478PS-B)
4	41-4-6	Spring
5	41-16-10	Hex Machine Screw
6	49-5	Tube Nut
7	49-4	Enclosing Tube Assy.
8	49-7	Kick-Off Spring
9	49-3-B	Plunger Assy. - Buna-N (For 478PS-B)
10	41-5-8	O-Ring (Buna-N)
11	41-14-1	Top Plug Screw
12	41-9-7B-3	Coil & Bracket Assy. (24V 60Hz)
	41-9-7B-6	Coil & Bracket Assy. (120V 60Hz)
	41-9D-7-21	Din Coil (230 V 50 Hz) – Not Shown
13	L767-64	Label (For 24V & 120V 60 Hz only)
14	41-56-2	Repair Kit (For 478PS-B) – Not Shown

DEMA® MODEL 481-2
DUAL METERING KNOB WITH SOLENOID VALVES



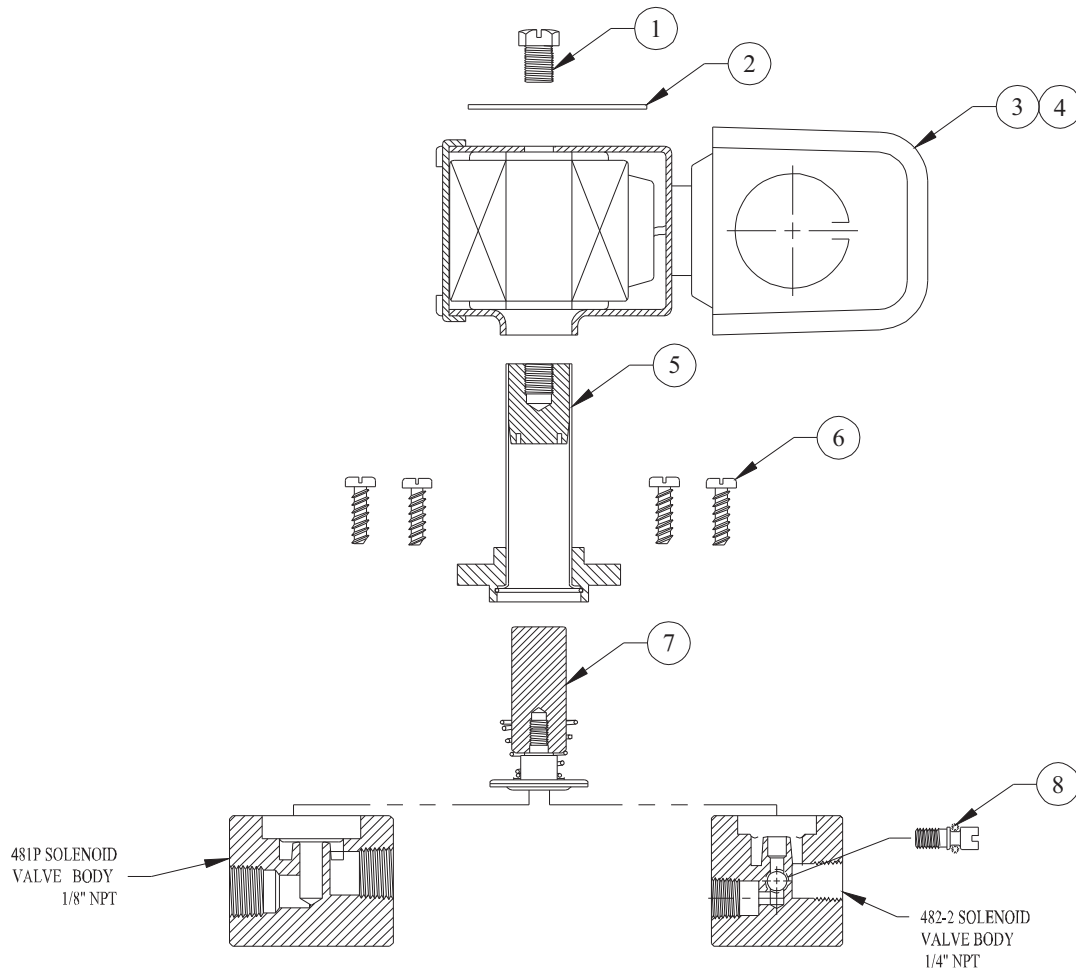
ONLY ITEMS ABOVE THIS LINE ARE PART OF THE 481-2



N0.	PART N0.	DESCRIPTION	N0.	PART N0.	DESCRIPTION
1	23-7-2	Metering Knob Screw	11	41-9C-1	Coil (Specify Voltage -- 24 VAC Or 12 VAC)
2	100-24	Metering Screw (1 Req'd For 481-2) (2 Req'd For 481-2-2) (None Req'd For 481-2T)	12	15285	Nameplate
3	100-15	Metering Tip (Specify Size)	13	41-14-1	Top Plug Screw
4	23481-1	Hose Barb	14	24-25	Check Valve O-Ring
5	100-25	O-Ring	15	24-24P	Check Valve Ball
6	481-2	Dual Metering Knob	16	24-23	Check Valve Spring
7	41-2-14	Plunger Assembly (EPDM Diaphragm & Spring)	17	24-34-	Check Valve Core (Specify Model No.)
8	41-2-15	Plunger Assembly (Viton Diaphragm & Spring)	18	25-29	Core O-Ring
9	66-11	Enclosing Tube Screw	19		Water Nozzles (Part Of C Series Injectors)
10	41-7-14	Enclosing Tube Assembly	20		Backup Washer (Part Of C Series Injectors)
			21	24-62	Repair Kit
			22	X23482	Dual Metering Knob Assy.

DEMA MODEL 481P AND 482-2 SOLENOID VALVE

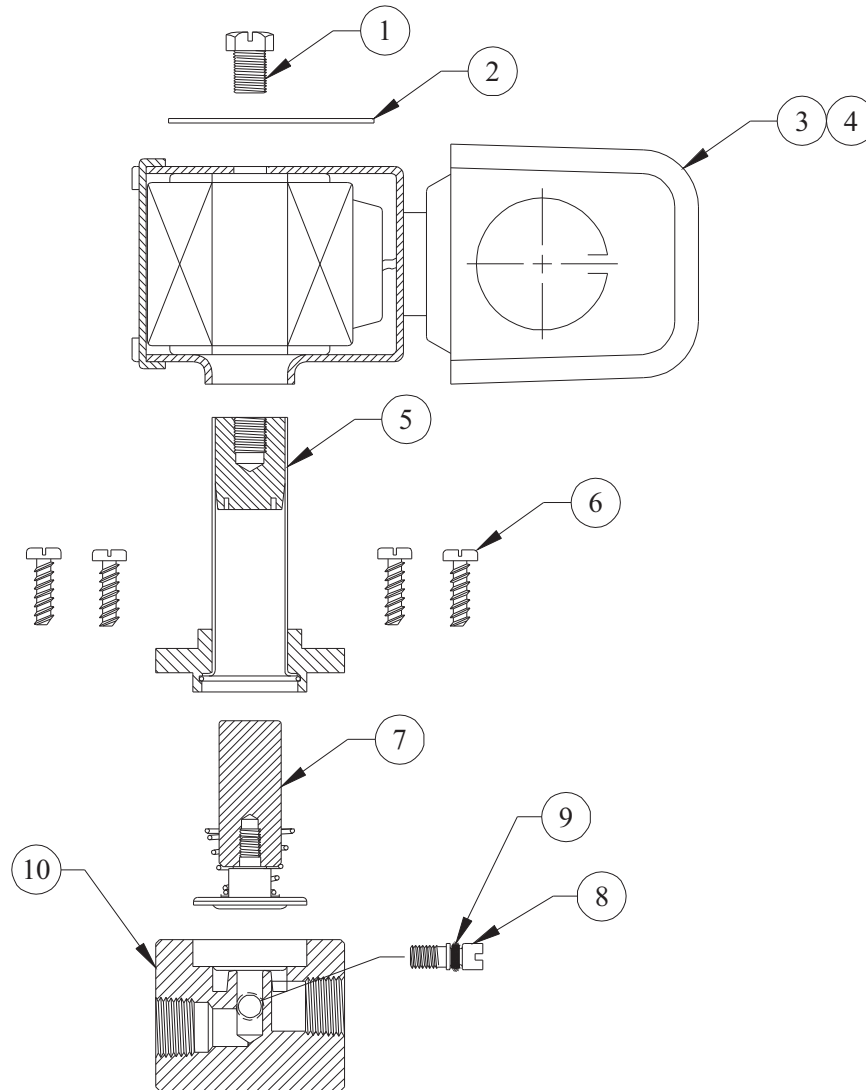
PACKED VALVE FOR VACUUM SERVICE



QTY	PART NO.	DESCRIPTION
1	41-14-1	Top Plug Screw
2	41-13-15	Nameplate
3	41-91-1	Solenoid Coil (Specify Voltage) Junction Box (As Shown)
4	41-9C-1	Solenoid Coil (Specify Voltage) Conduit Connection
5	41-7-14	Enclosing Tube Assembly
6	66-11	Enclosing Tube Screw (4 Req'd)
7	41-2-14	Plunger Assembly (With Diaphragm & Spring)
8	25-5	O-Ring

DEMA MODEL 482-2 SOLENOID VALVE

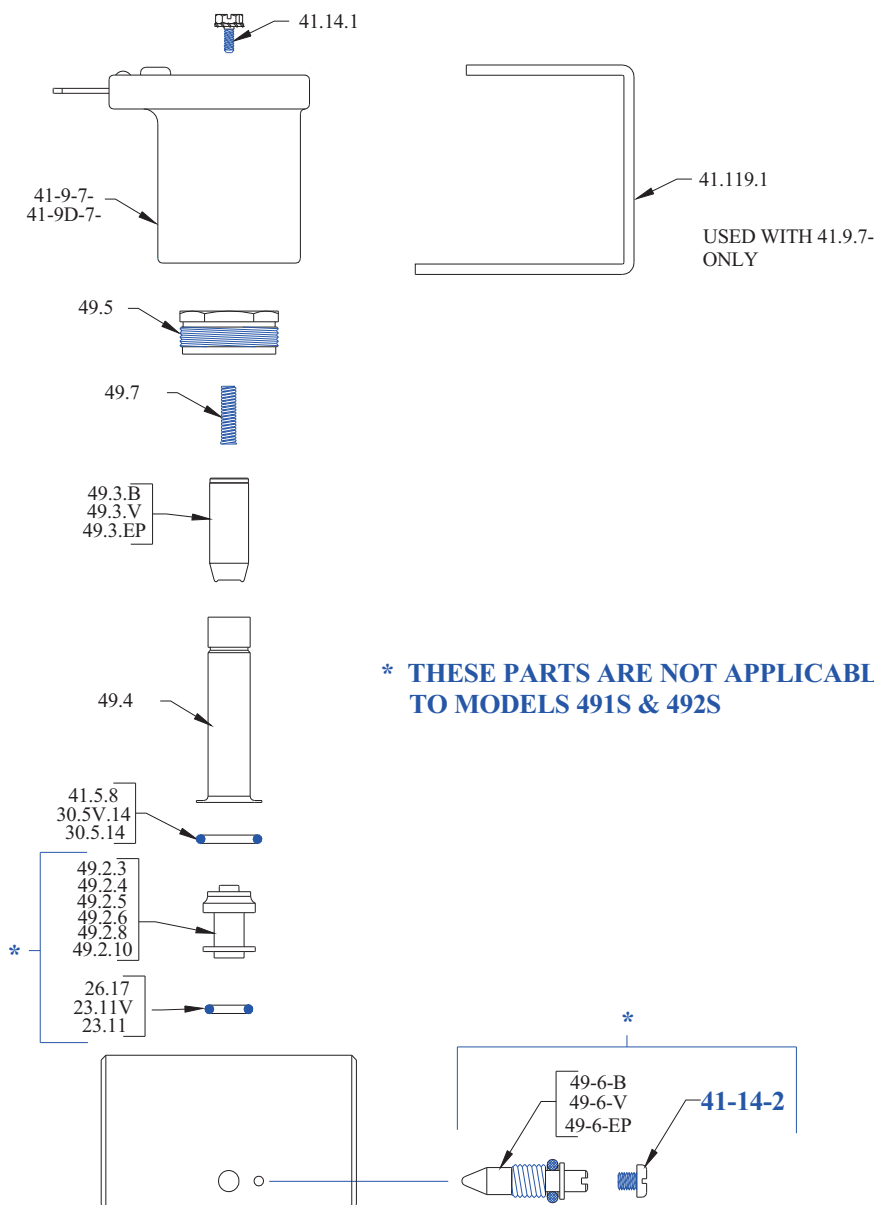
PACKED VALVE FOR VACUUM SERVICE



NO.	PART NO.	DESCRIPTION
1	41-14-1	Top Plug Screw
2	41-13-15	Nameplate
3	41-9-1	Solenoid Coil (Specify Voltage) Junction Box (As Shown)
4	41-9C-1	Solenoid Coil (Specify Voltage) Conduit Connection
5	41-7-14	Enclosing Tube Assembly
6	66-11	Enclosing Tube Screw (4 Required)
7	41-2-14	Plunger Assembly (With Diaphragm & Spring)
8	23-25-3	Metering Screw (Plastic) With O-Ring
9	25-5	O-Ring EP
10	41-76	Valve Body With Adjusting Screw

DEMA® MANIFOLD VALVE MODELS: 491M AND 492M

DEMA® SOLENOID VALVE MODELS: 491S AND 492S

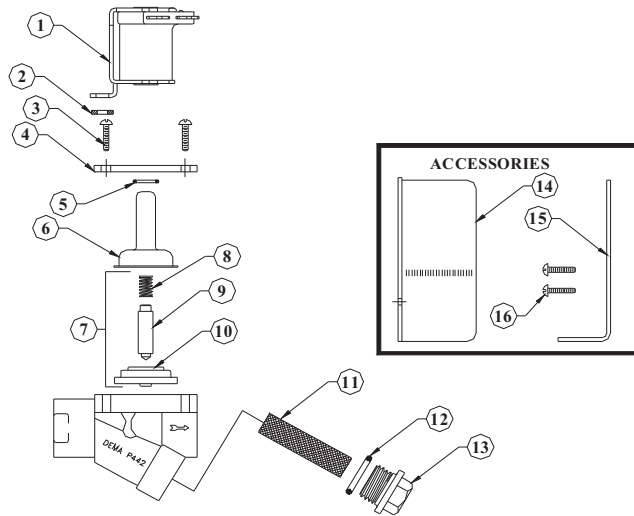


PART N0.	DESCRIPTION
30-5-14	O-RING SEAL (EP)
30-5V-14	O-RING SEAL (VITON)
41-5-8	O-RING SEAL (BUNA-N)
41-14-1	TOP PLUG SCREW
41-14-2	RETAINING SCREW (USED WITH MODELS 491M()M & 492M()M ONLY)
41-9-7-	NAME (SPECIFY VOLTAGE)
41-9D-7-	NAME (SPECIFY VOLTAGE)
41-119-1	BRACKET (USED WITH 41-9-7- ONLY)
49-2-3	VALVE SEAT 3/64
49-2-4	VALVE SEAT 1/16
49-2-5	VALVE SEAT 5/64
49-2-6	VALVE SEAT 3/32

PART N0.	DESCRIPTION
49-2-8	VALVE SEAT 1/8
49-2-10	VALVE SEAT 5/32
49-3-E	PLUNGER ASSY EP
49-3-B	PLUNGER ASSY BUNA-N
49-3-V	PLUNGER ASSY VITON
49-4	ENCLOSING TUBE ASSY
49-5	TUBE NUT
49-6-E	METERING SCREW ASSY EP (USED WITH MODELS 491M()M & 492M()M ONLY)
49-6-B	METERING SCREW ASSY BUNA-N (USED WITH MODELS 491M()M & 492M()M ONLY)
49-6-V	METERING SCREW ASSY VITON (USED WITH MODELS 491M()M & 492M()M ONLY)
49-7	KICK-OFF SPRING

PLASTIC SOLENOID VALVE

MODELS: P442, PP442, P443 & PP443

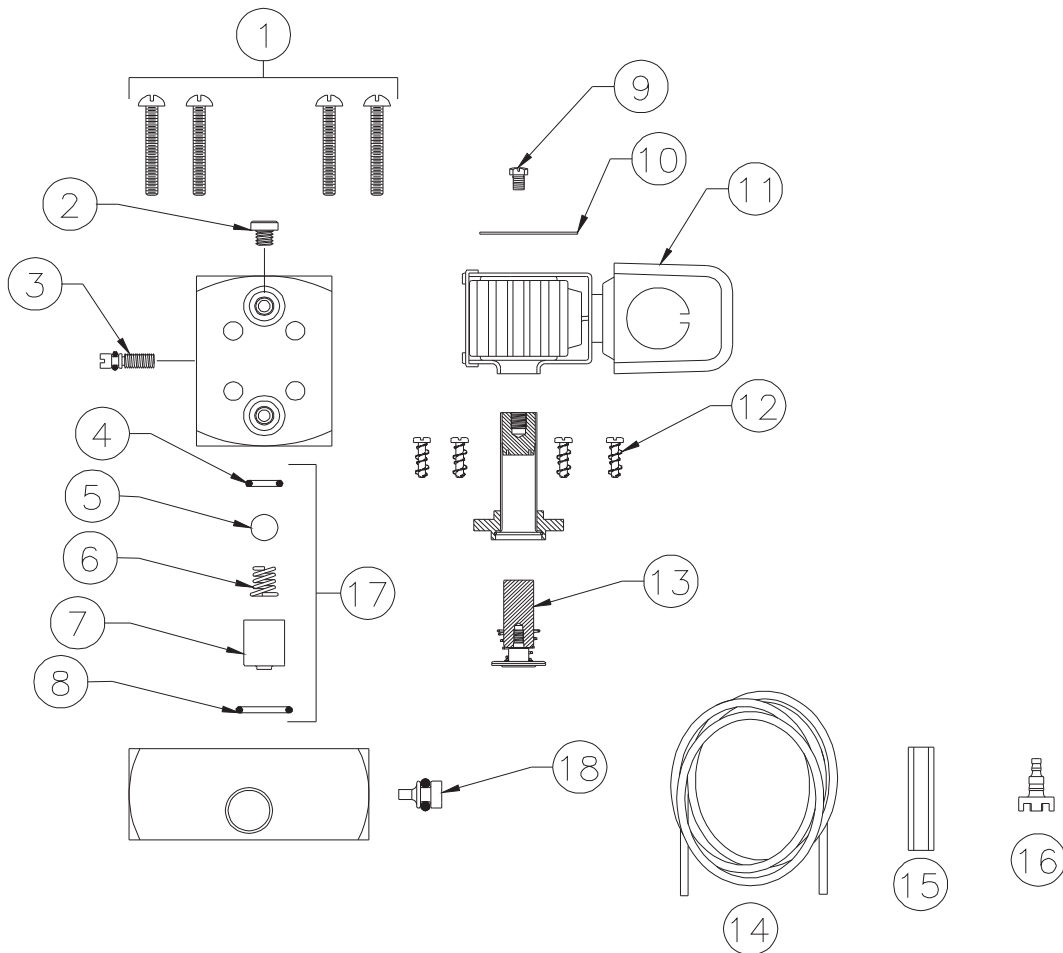


NO.	PART NO.	DESCRIPTION
1	41-9-5	Solenoid Coil (Specify Voltage)
2	41-41	Nylon Washer
3	41-116-1 44-116-2	Screw #8-18 x 1/2 LG (2 Reqd.) Screw #8-18 x 3/8 LG (1 Reqd.)
4	41-37	Flange
5	41-34	Spacer Ring
6	41-7-25	Enclosing Tube (Stainless)
8	41-1-8	Kick-Off Spring
9	41-10-11	Plunger
10	41-15-10	Diaphragm
11	41-36-1	Strainer Screen
12	21-8	O-Ring Seal
13	41-60	Screen Cap (P442 & P443

ACCESSORIES

NO.	PART NO.	DESCRIPTION
7	61-78	Valve Repair Kit
14	41-38	Solenoid Cover
15	41-39	Mounting Bracket
16	41-40	Screw #6-32 x 5/16 LG (2 Reqd.)

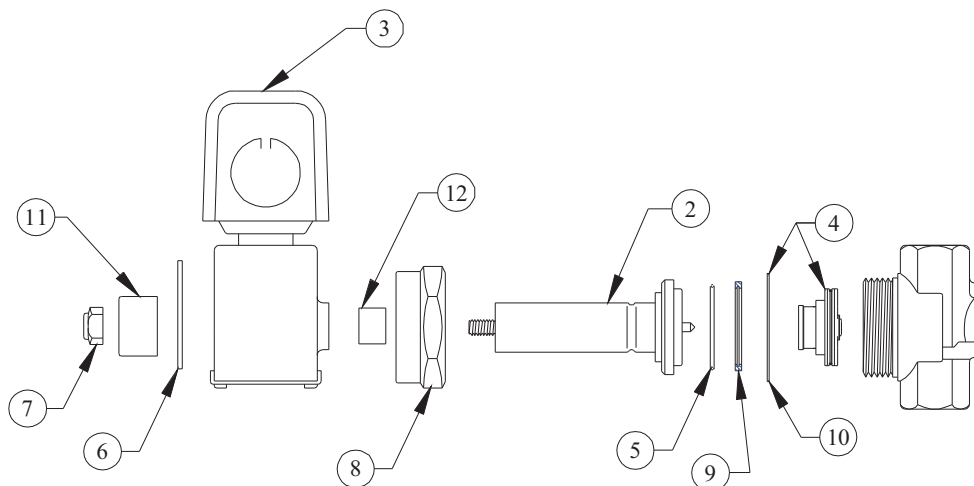
DEMA SINGLE STAGE INJECTOR WITH DUAL SOLENOID VALVES MODELS 716, 716T



NO.	PART NO.	DESCRIPTION
1	24-33-2	Screw #8-32 x 1-3/8 Lg.(4-reqd.)
2	100-15K	Metering Tip Kit (14 Pcs.)
3	100-24P 100-24V	Viton O-Ring EP O-Ring
4	24-25V 24-25	Viton O-Ring EP O-Ring
5	24-24P	1/4" Dia. Teflon Ball
6	24-23-2	Hastelloy Spring
7	24-34	Check Valve Core
8	25-29V	Viton O-Ring
9	41-14-1	Top Plug Screw
10	41-13-15	Nameplate
11	41-9-1 41-9C-1	Coil, Junction Box as shown (Specify Voltage) Coil, Conduit Connection (Specify Voltage)
12	66-11	Enclosing Tube Screw
13	41-2-14 41-2-15	Plunger Assembly (E.P. Diaphragm) Plunger Assembly (Viton Diaphragm)
14	100-12	Vinyl Tubing (3/8" O.D. X 8' Long
15	61-107-2	Ceramic Weight (1/4" I.D.)
16	24-11 MP	Foot Strainer
17	24-62R	Valve Repair Kit
18	See Table 1 For Water Flow	Water Nozzle Bushing

DEMA NORMALLY OPEN SOLENOID VALVES

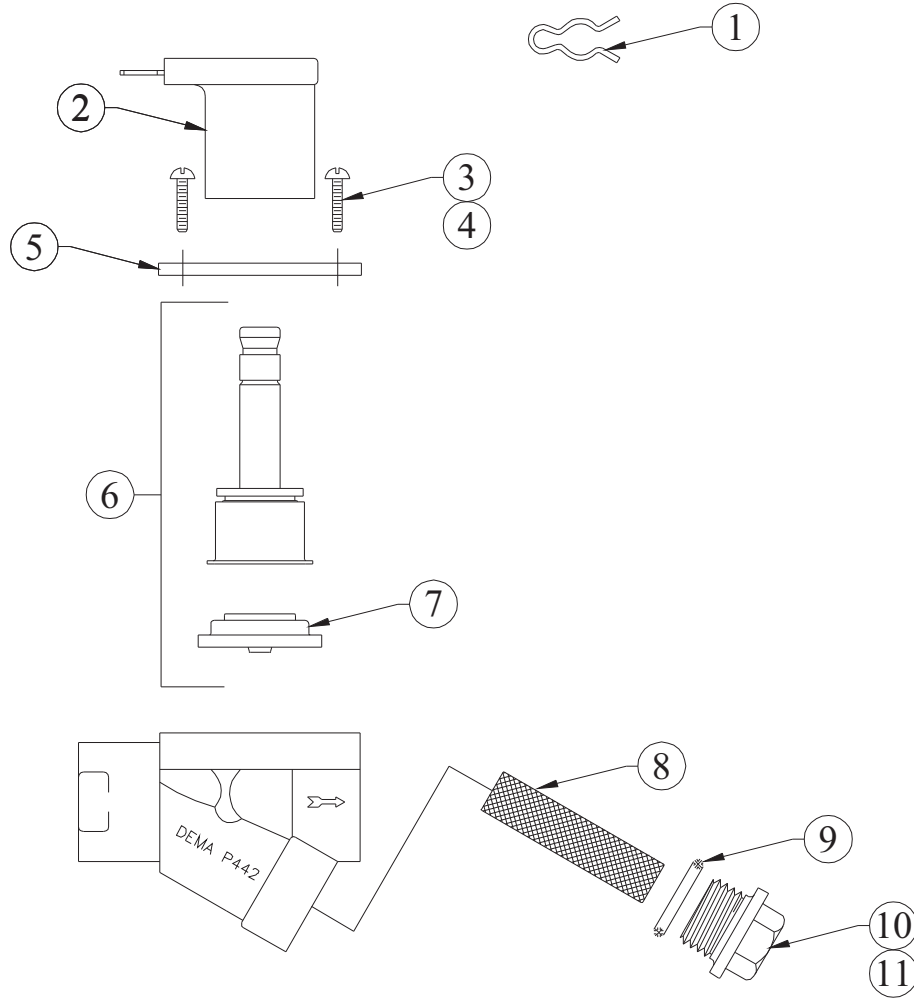
MODELS O412P, OA414P, OA416P, & OA418P



NO.	PART NO.	DESCRIPTION	VALVE MODEL NUMBER			
			O412P	OA414P	OA416P	OA418P
2	41-7-15	Valve Operator Assy.	*			
	41-7-16	Valve Operator Assy.		*		
	41-7-17	Valve Operator Assy.			*	
	41-7-18	Valve Operator Assy.				*
3	O41-9-2	Normally Open Coil Assy. (Specify Voltage)	*	*	*	*
4	41-3-1	Piston Assembly (does not have piston ring)	*			
	41-11-8	Piston Assy. With Ring & Backup Spring		*		
	41-11-9	Piston Assy. With Ring & Backup Spring			*	
	41-11-10	Piston Assy. With Ring & Backup Spring				*
5	41-12-1	Tetraseal Ring		*		
	41-12-2	Tetraseal Ring			*	
	41-12-3	Tetraseal Ring				*
	41-12-5	Tetraseal Ring	*			
6	41-13-18	Nameplate	*	*	*	*
7	41-14-3	Top Plug Nut	*	*	*	*
8	41-17-1	Enclosing Tube Locknut	*			
	41-17-2	Enclosing Tube Locknut		*		
	41-17-3	Enclosing Tube Locknut			*	
	41-17-4	Enclosing Tube Locknut				*
9	41-19-1	Piston Ring		*		
	41-19-3	Piston Ring			*	
	41-19-4	Piston Ring				*
10	41-20-2	Backup Spring		*		
	41-20-3	Backup Spring			*	
	41-20-4	Backup Spring				*
11	41-22-1	Spacer Cup	*			
	41-22-2	Spacer Cup		*	*	*
12	41-23-1	Spacer	*			
	41-23-2	Spacer		*	*	
	41-22-3	Spacer				*

PLASTIC SOLENOID VALVE

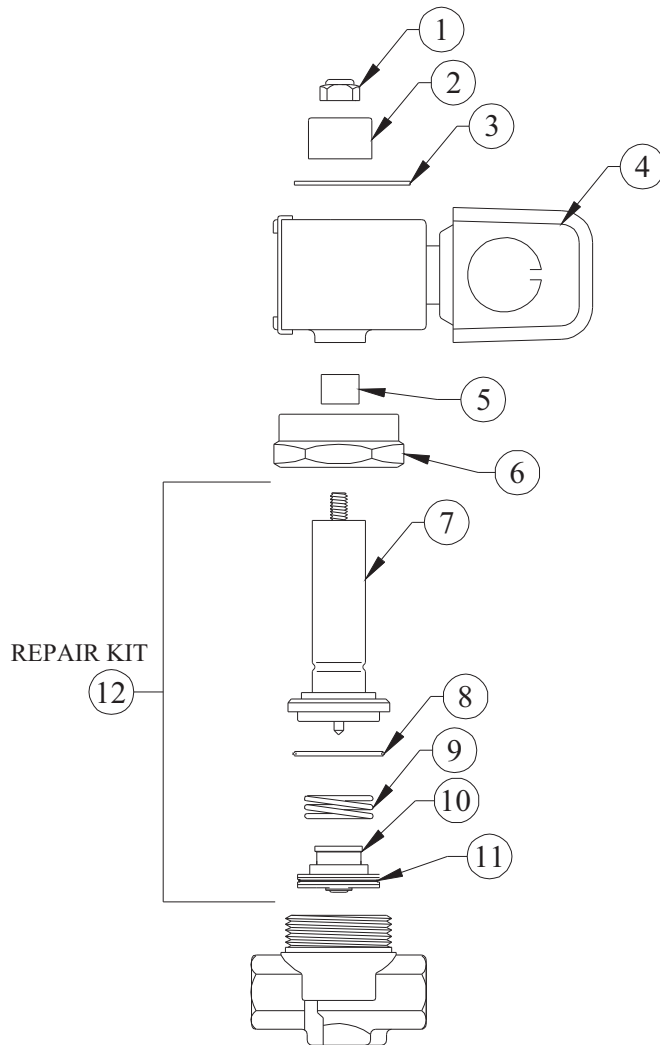
MODELS: OP442, OPP442, OP443 & OPP443



NO.	PART NO.	DESCRIPTION
1	30-33	Hairpin Clip
2	O41-9-5	Solenoid Coil (Specify Voltage)
3	44-116-1	#8 X 1/2" HiLo Screw (2 Req'd)
4	44-116-2	#8 X 3/8" HiLo Screw (1 Req'd)
5	41-37	Flange
6	41-44-1	Operator Kit Assembly
7	41-15-10	Diaphragm, EPDM
8	41-36-1	Strainer Screen (60-mesh SS)
9	21-8	O-Ring Seal, Buna-N
10	41-60	Screen Cap (OP442 & OP443)
11	41-60-2	Screen Cap (OPP442 & OPP443)

DEMA NORMALLY OPEN SOLENOID VALVES

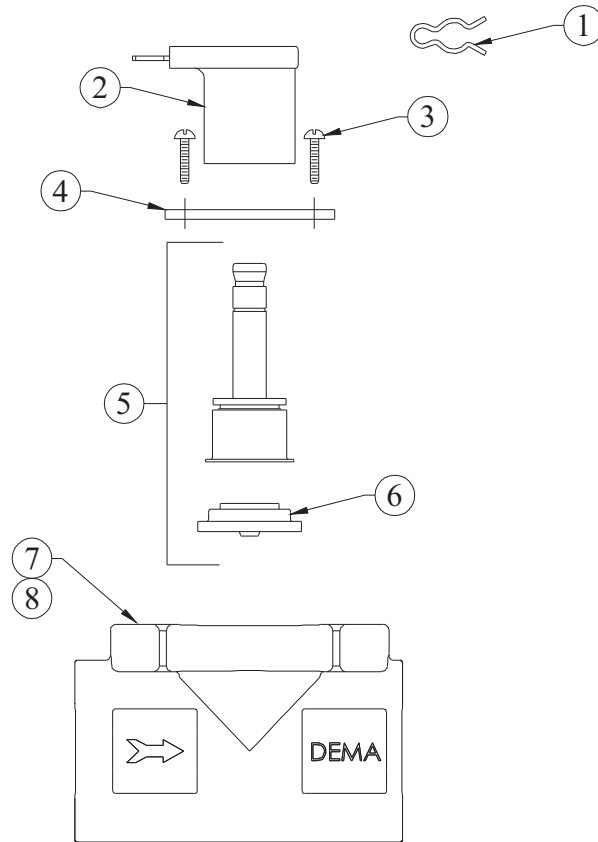
MODELS O453P, O453S



NO.	PART NO.	DESCRIPTION
1	41-14-3	Top Plug Nut
2	41-22-3	Spacer Cup
3	41-13-18	Name Plate
4	O41-9-2 O41-9C-2	Solenoid Coil (Specify Voltage) Solenoid Coil w/Conduit Boss (Specify Voltage)
5	41-23-4	Spacer
6	41-17-5	Enclosing Tube Locknut
7	41-7-26	Valve Operator Assembly
8	41-5-2	O-Ring, Buna-N (1 x 1 1/8 x 1/16)
9	41-4-1	Closing Spring
10	41-3-5	Piston Assembly w/Ring & Backup Spring
11	41-20-7	Piston Ring Assembly
12	41-58	Repair Kit

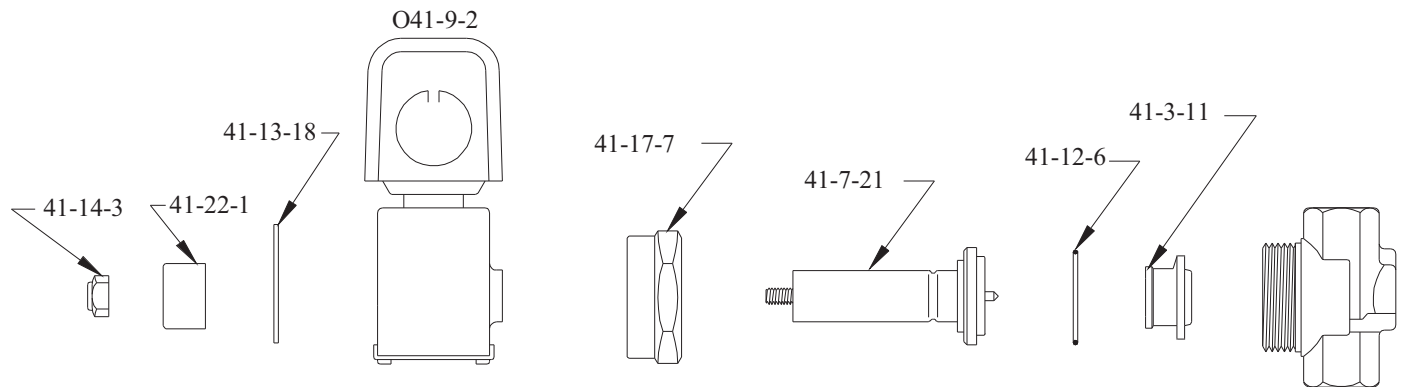
SOLENOID VALVE

MODELS: O463PS & O464PS



NO.	PART NO.	DESCRIPTION
1	30-33	Hairpin Clip
2	O41-9-5	Solenoid Coil (Specify Voltage)
3	41-16-7	Screw, 3/8"
4	41-39-3	Flange
5	41-44-1	Operator Kit Assembly
6	41-15-10 41-15-6	Diaphragm, EPDM Diaphragm, Viton
7	35-40	Valve Body (O464PS)
8	35-41	Valve Body (O463PS)

NORMALLY OPEN SOLENOID VALVE - 0742P

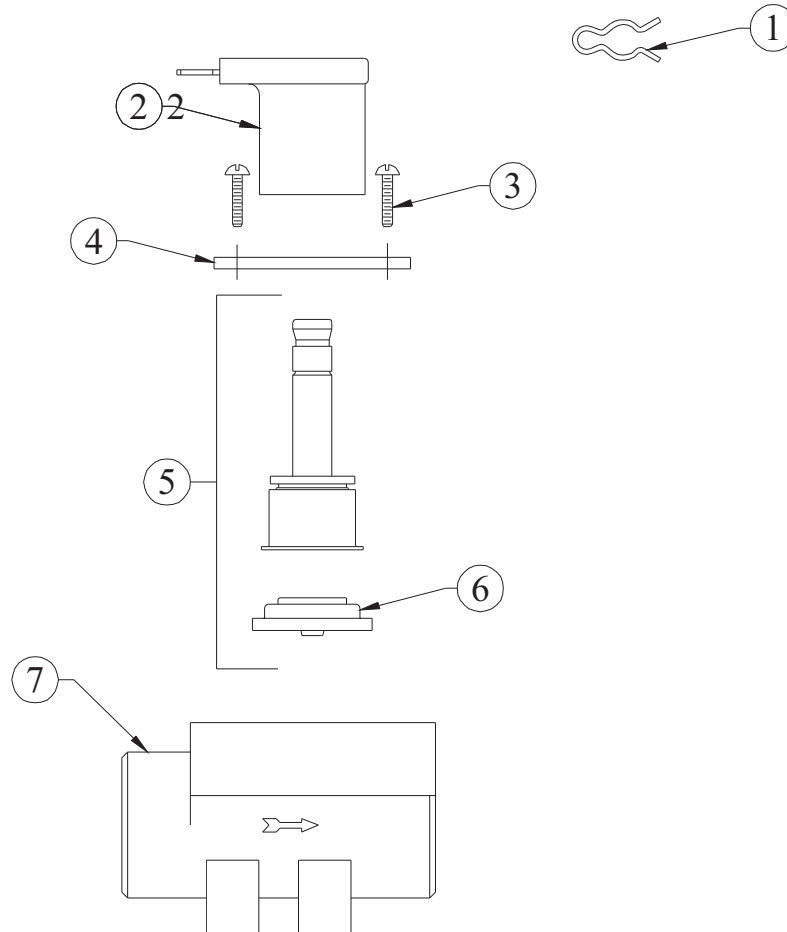


PART NO.	DESCRIPTION
O41-9-2	NORMALLY OPEN COIL ASSY. (SPECIFY VOLTAGE)
41-3-11	VALVE DISC ASSEMBLY
41-7-21	VALVE OPERATOR ASSEMBLY
41-12-6	TETRASEAL
41-13-18	NAMEPLATE
41-14-3	TOP PLUG NUT
41-17-7	ENCLOSING TUBE LOCKNUT
41-22-1	SPACER CUP

SOLENOID VALVE

OP462 & OP463 SERIES

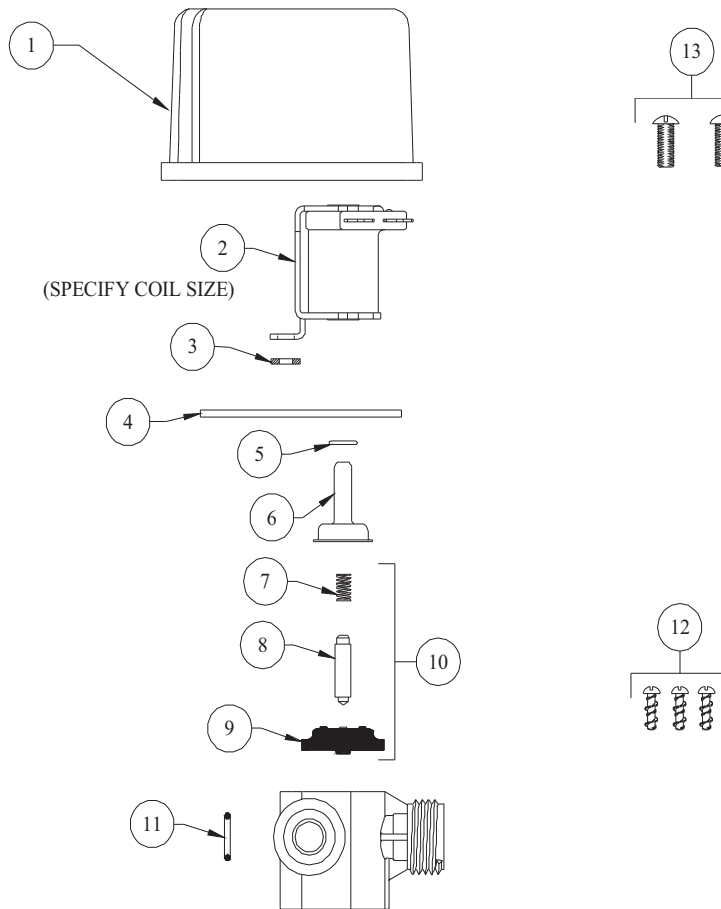
INSTALLATION INSTRUCTIONS



NO.	PART NO.	DESCRIPTION
1	30-33	Hairpin Clip
2	O41-9-5	Solenoid Coil (Specify Voltage)
3	44-116-1	#8 X 1/2" HiLo Screw
4	41-39-3	Flange
5	41-44-1	Operator Kit Assembly
6	41-15-10	Diaphragm, EPDM
7	35-36	Valve Body (OP462 only)

PLASTIC MANIFOLD VALVE

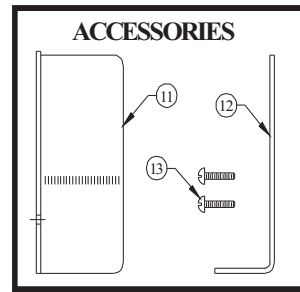
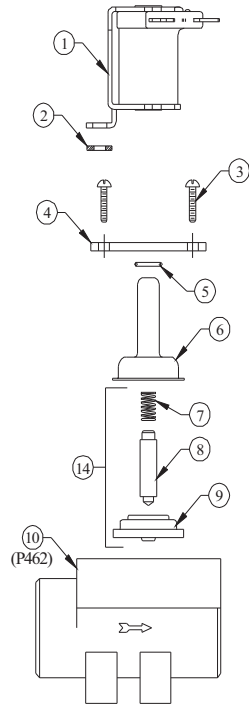
MODEL: P404J



NO.	PART NO.	DESCRIPTION
1	41-73	Valve Cover
2	41-9-5	Coil & Bracket (Specify Size)
3	41-41	Nylon Washer
4	41-72-2	Cover Mounting Plate
5	41-34	Spacer Ring
6	41-7-25	Enclosing Tube
7	41-1-8	Closing Spring
8	41-10-11	Plunger
9	41-15-10	Diaphragm
10	61-78	Valve Repair Kit
11	41-79	O-Ring (For Female Input)
12	63-46	Hi-Lo Screw (3 Req'd)
13	41-63-2	Valve Cover Screw (2 Req'd)

SOLENOID VALVE

P462 & P463 SERIES

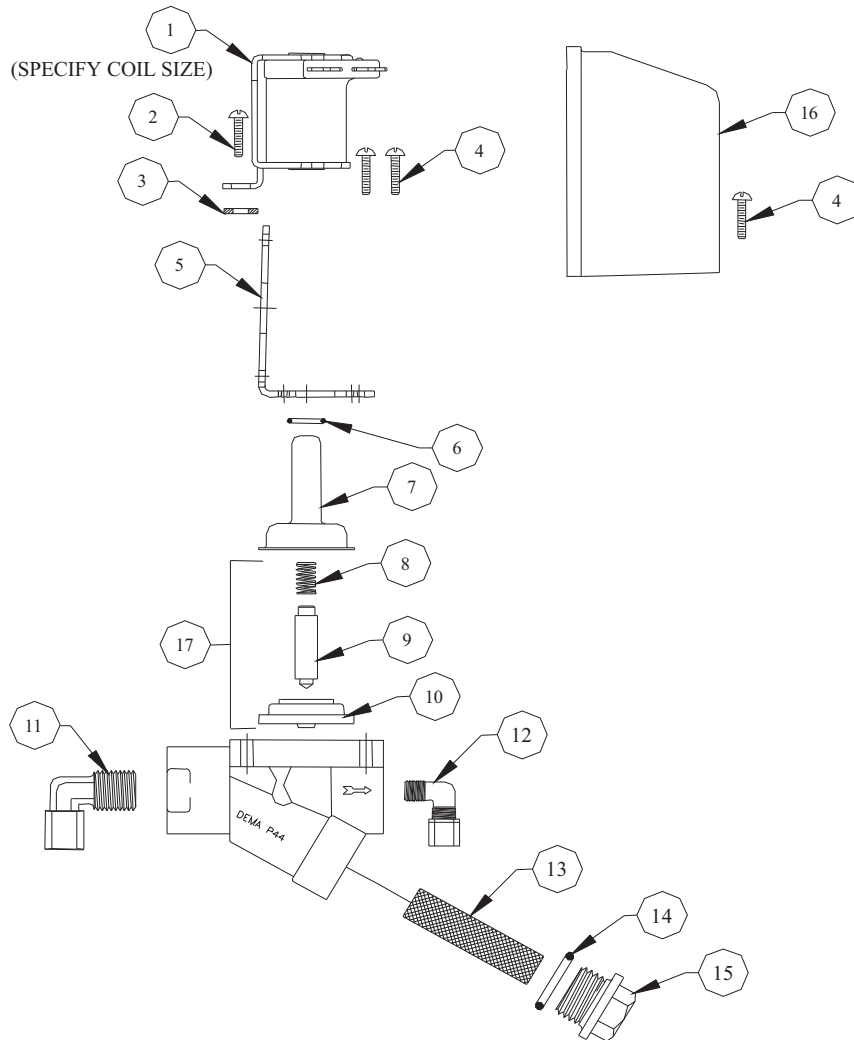


(STANDARD ON P462J & P463J)

NO.	PART NO.	DESCRIPTION
1	41-9-5A-	Solenoid Coil (Specify Voltage)
2	41-41	Nylon Washer
3	44-116-1	Screw #8-18 x ½ Lg. (2 Req'd)
4	41-39-3	Flange
5	41-34	Spacer Ring
6	41-7-25	Enclosing Tube (Stainless)
7	41-1-8	Kick-Off Spring
8	41-10-11	Plunger
9	41-15-10	Diaphragm
10	35-36	Valve Body (P462)
ACCESSORIES (STANDARD ON P462J & P463J)		
11	41-38	Solenoid Cover
12	41-39	Mounting Bracket
13	41-40	Screw #6-32 X 5/16 Lg. (2 Req'd)
14	61-78	Valve Repair Kit

DEMA SOLENOID VALVE

MODEL: P442J-WW-4



N0	PART	DESCRIPTION
1.	41-9-5-	Solenoid Coil (Specify Voltage)
2.	44-116-2	#8 X 3/8 HI-LO Screw
3.	41-41	Nylon Washer
4.	44-116-1	#8 X 1/2 HI-LO Screw (3 Req'd)
5.	41-60	Screen Cap
6.	41-34	Spacer Ring
7.	41-7-25	Enclosing Tube (Stainless)
8.	41-1-8	Kick-Off Spring
9.	41-10-11	Plunger
10.	41-15-10	Diaphragm

N0	PART	DESCRIPTION
11.	58-54-4	Male Elbow X Compression Nut For Copper Tubing
12.	85-22-3	Male Elbow X Compression Nut For Plastic Tubing
13.	41-36-1	Strainer Screen
14.	21-8	O-Ring Seal
15.	44-135	Solenoid Flange
16.	44-125	Solenoid Cover

ACCESSORIES

N0	PART	DESCRIPTION
17.	61-78	Valve Repair Kit



PARTS AND ACCESSORIES

HOSES

**BACK FLOW
PREVENTORS**

CHECK VALVES

BOTTLE RACKS

METERING TIPS

SPRAY GUNS

FOAM WANDS

SQUEEZE TUBE

SOLENOID VALVES

**WAREWASH PROBES AND
FITTINGS**

**WAREWASH AND LAUNDRY
MOTORS**

PUMP HEAD KITS

PUMP MODULES

LAUNDRY KITS

FLUSH MANIFOLD KITS

MISCELLANEOUS PARTS

WAREWASH AND LAUNDRY

C2 PUMP (SMALL)

DEMA NO.	SIZE	LENGTH	MATERIAL	FITTINGS	APPLICATION
25-65CA-11	1/2" X 1/4"	11 IN.	SILICONE	NONE	LAUNDRY AND WAREWASH
25-65CA-14	1/2" X 1/4"	14 IN.	SILICONE	NONE	LAUNDRY AND WAREWASH
25-65CA-300	1/2" X 1/4"	25 FT.	SILICONE	NONE	LAUNDRY AND WAREWASH
25-65CA-600	1/2" X 1/4"	50 FT.	SILICONE	NONE	LAUNDRY AND WAREWASH
25-65CE	1/2" X 1/4"	9 IN.	EPDM	NONE	LAUNDRY AND WAREWASH
25-65CE-11	1/2" X 1/4"	11 IN.	EPDM	NONE	LAUNDRY AND WAREWASH
25-65CE-1200	1/2" X 1/4"	100 FT.	EPDM	NONE	LAUNDRY AND WAREWASH
25-65CE-14	1/2" X 1/4"	14 IN.	EPDM	NONE	LAUNDRY AND WAREWASH
25-65CE-600	1/2" X 1/4"	50 FT.	EPDM	NONE	LAUNDRY AND WAREWASH
25-65CN	1/2" X 1/4"	9 IN.	SANTOPRENE	NONE	LAUNDRY AND WAREWASH
25-65CN-11	1/2" X 1/4"	11 IN.	SANTOPRENE	NONE	LAUNDRY AND WAREWASH
25-65CV	1/2" X 1/4"	9 IN.	VITON	NONE	LAUNDRY AND WAREWASH
25-65CV-11	1/2" X 1/4"	11 IN.	VITON	NONE	LAUNDRY AND WAREWASH
25-65CV-14	1/2" X 1/4"	14 IN.	VITON	NONE	LAUNDRY AND WAREWASH
25-65CV-600	1/2" X 1/4"	50 FT.	VITON	NONE	LAUNDRY AND WAREWASH
25-65RE-11	1/2" X 3/16"	11 IN.	EPDM	NONE	WAREWASH
25-65RE-600	1/2" X 3/16"	50 FT.	EPDM	NONE	WAREWASH
25-65RE-1200	1/2" X 3/16"	100 FT.	EPDM	NONE	WAREWASH
25-65RN-11	1/2" X 3/16"	11 IN.	SANTOPRENE	NONE	WAREWASH
25-65SE-11	1/2" X 1/8"	11 IN.	EPDM	NONE	WAREWASH
25-65SE-600	1/2" X 1/8"	50 FT.	EPDM	NONE	WAREWASH
25-65SE-1200	1/2" X 1/8"	100 FT.	EPDM	NONE	WAREWASH

C4 PUMP (LARGE)

DEMA NO.	SIZE	LENGTH	MATERIAL	FITTINGS	APPLICATION
25-89CE-1	5/8" X 3/8"	10 1/4 IN.	EPDM	NONE	LAUNDRY AND WAREWASH
25-89CE-14	5/8" X 3/8"	14 IN.	EPDM	NONE	LAUNDRY AND WAREWASH
25-89CE-600	5/8" X 3/8"	50 FT.	EPDM	NONE	LAUNDRY AND WAREWASH
25-89CE-1200	5/8" X 3/8"	100 FT.	EPDM	NONE	LAUNDRY AND WAREWASH
25-89CV-14	5/8" X 3/8"	14 IN.	EPDM	NONE	LAUNDRY AND WAREWASH

SMALL QUICK CHANGE BLUE PUMP FOR TITAN AND ATLAS

DEMA NO.	SIZE	LENGTH	MATERIAL	FITTINGS	APPLICATION
81-177-1	7/16" X 1/4"	6 7/16 IN.	EPDM	1/4" JG	WAREWASH AND LAUNDRY
81-177-2	7/16" X 1/8"	6 7/16 IN.	EPDM	1/4" JG	WAREWASH RINSE/ SANITIZER
81-177-4	7/16" X 1/8"	6 7/16 IN.	SILICONE	1/4" JG	WAREWASH AND LAUNDRY
81-177-5	7/16" X 1/8"	6 7/16 IN.	VITON	1/4" JG	WAREWASH AND LAUNDRY
81-177-6	7/16" X 1/4"	6 7/16 IN.	EPDM	3/8" BARB	WAREWASH AND LAUNDRY
81-177-8	7/16" X 1/4"	6 7/16 IN.	VITON	3/8" BARB	WAREWASH AND LAUNDRY
81-177-9	7/16" X 1/4"	6 7/16 IN.	SILICONE	3/8" BARB	WAREWASH AND LAUNDRY

SMALL QUICK CHANGE BLUE PUMP FOR TITAN AND ATLAS (TUBING ONLY)

DEMA NO.	SIZE	LENGTH	MATERIAL	FITTINGS	APPLICATION
25-149-1	7/16" X 1/4"	6 7/16 IN.	EPDM	NONE	WAREWASH AND LAUNDRY
25-149-50	7/16" X 1/4"	50 FT.	EPDM	NONE	WAREWASH AND LAUNDRY
25-149-100	7/16" X 1/4"	100 FT.	EPDM	NONE	WAREWASH AND LAUNDRY
25-150-1	3/8" X 1/8"	6 7/16 IN.	EPDM	NONE	WAREWASH AND LAUNDRY
25-150-2	3/8" X 1/8"	8 1/2 IN.	EPDM	NONE	WAREWASH AND LAUNDRY
25-150-50	3/8" X 1/8"	50 FT.	EPDM	NONE	WAREWASH AND LAUNDRY
25-150-100	3/8" X 1/8"	100 FT.	EPDM	NONE	WAREWASH AND LAUNDRY
25-151-1	7/16" X 1/8"	6 7/16 IN.	EPDM	NONE	WAREWASH AND LAUNDRY
25-152-1	7/16" X 1/4"	6 7/16 IN.	VITON	NONE	WAREWASH AND LAUNDRY
25-153-1	7/16" X 1/4"	6 7/16 IN.	SILICONE	NONE	WAREWASH AND LAUNDRY
25-167-1	7/16" X 1/4"	6 7/16 IN.	PVC (SUPERTUBE)	NONE	WAREWASH AND LAUNDRY
25-168-1	3/8" X 1/8"	6 7/16 IN.	PVC (SUPERTUBE)	NONE	WAREWASH AND LAUNDRY

LARGE QUICK CHANGE BLUE PUMP FOR ATLAS, 845, AND 846

DEMA NO.	SIZE	LENGTH	MATERIAL	FITTINGS	APPLICATION
84-208-1	5/8" X 3/8"	10 1/4 IN.	EPDM	3/8" JG	LAUNDRY AND INDUSTRIAL
84-208-2	5/8" X 3/8"	10 1/4 IN.	EPDM	3/8" BARB	LAUNDRY AND INDUSTRIAL
84-208-3	5/8" X 3/8"	10 1/4 IN.	SILICONE	3/8" JG	LAUNDRY AND INDUSTRIAL
84-208-4	5/8" X 3/8"	10 1/4 IN.	SILICONE	3/8" BARB	LAUNDRY AND INDUSTRIAL
84-208-5	5/8" X 3/8"	10 1/4 IN.	VITON	3/8" JG	LAUNDRY AND INDUSTRIAL
84-208-6	5/8" X 3/8"	10 1/4 IN.	VITON	3/8" BARB	LAUNDRY AND INDUSTRIAL

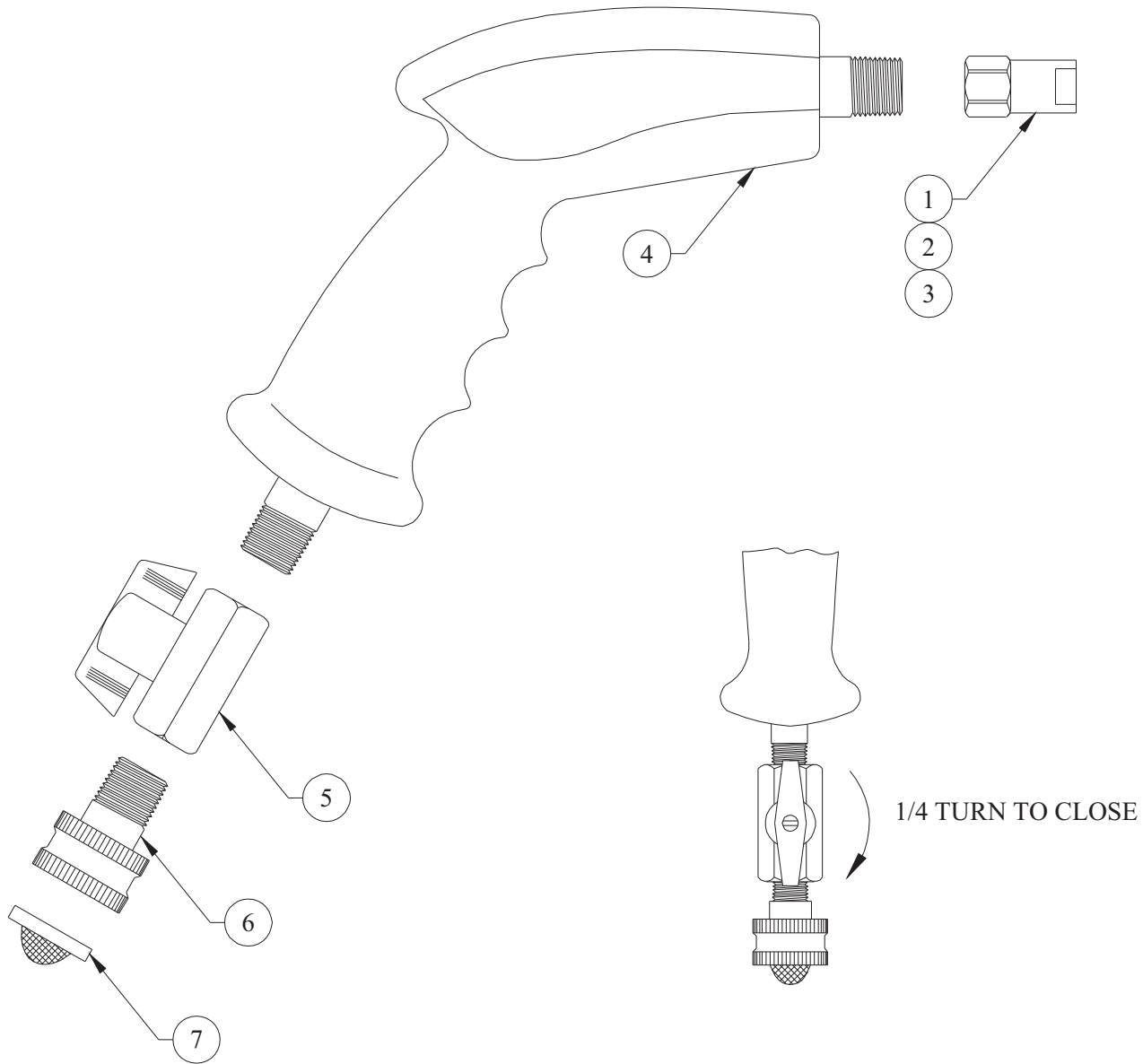
LARGE QUICK CHANGE BLUE PUMP FOR ATLAS, 845, AND 846 (TUBING ONLY)					
DEMA NO.	SIZE	LENGTH	MATERIAL	FITTINGS	APPLICATION
25-154-1	5/8" X 3/8"	10 1/4 IN.	SILICONE	NONE	LAUNDRY AND INDUSTRIAL
25-154-14	5/8" X 3/8"	14 IN.	SILICONE	NONE	LAUNDRY AND INDUSTRIAL
25-154-600	5/8" X 3/8"	50 FT.	SILICONE	NONE	LAUNDRY AND INDUSTRIAL
25-154-1200	5/8" X 3/8"	100 FT.	SILICONE	NONE	LAUNDRY AND INDUSTRIAL
25-155-1	5/8" X 3/8"	10 1/4 IN.	VITON	NONE	LAUNDRY AND INDUSTRIAL
25-155-14	5/8" X 3/8"	14 IN.	VITON	NONE	LAUNDRY AND INDUSTRIAL
25-155-120	5/8" X 3/8"	10 FT.	VITON	NONE	LAUNDRY AND INDUSTRIAL
25-166-1	5/8" X 3/8"	10 1/4 IN.	SANTOPRENE	NONE	LAUNDRY AND INDUSTRIAL
OLYMPIAN QUICK CHANGE PUMP FOR OLYMPIAN, NITRO, NITRO EXPRESS TOP SHOT AND SQUIRT					
DEMA NO.	SIZE	LENGTH	MATERIAL	FITTINGS	APPLICATION
81-231-1	11 MM X 5 MM	4.63 IN.	EPDM	1/4" COMPRESSION	WAREWASH, LAUNDRY AND OTHER
81-231-6	11 MM X 5 MM	4.63 IN.	SILICONE	1/4" COMPRESSION	WAREWASH, LAUNDRY AND OTHER
81-231-4	11 MM X 5 MM	4.63 IN.	EPDM	CONE FITTING	WAREWASH, LAUNDRY AND OTHER
81-231-5	11 MM X 5 MM	4.63 IN.	SILICONE	CONE FITTING	WAREWASH, LAUNDRY AND OTHER
OLYMPIAN QUICK CHANGE PUMP FOR OLYMPIAN, NITRO, NITRO EXPRESS TOP SHOT AND SQUIRT (TUBING ONLY)					
DEMA NO.	SIZE	LENGTH	MATERIAL	FITTINGS	APPLICATION
81-237-2	11MM X 5 MM	4.63 IN.	EPDM	NONE	WAREWASH, LAUNDRY AND OTHER
81-237-4	11MM X 5 MM	4.63 IN.	SILICONE	NONE	WAREWASH, LAUNDRY AND OTHER
WAREWWASH PROBE AND FITTINGS			MISCELLANEOUS PARTS		
DEMA NO.	DESCRIPTION		DEMA NO.	DESCRIPTION	
C-12VIK	DETERGENT FLIP PROBE		58-2	ASSE APPROVED PLASIC SIPHON BREAKER	
81-28-1	INDUCTIVE PROBE (TITAN/NITRO ONLY)		81-66	TEST KIT	
80-55	90° FITTING FOR LIQUID DETERGENT CONNECT		80-66	10" PICK UP TUBE 1/4"	
81-260-1	UNIVERSAL 90° FITTING CONNECTION		80-66-2	18" PICK UP TUBE 1/4"	
58-5	70° INJECTION FITTING FOR BOWL CONNECT		81-312-1	12" PICK UP TUBE 1/4"	
904-8S	1/4" TUBE X 1/8" NPT S.S. CHECK VALVE (S.S. BALL)		81-312-3	17" PICK UP TUBE 1/4"	
904-8T	1/4" TUBE X 1/8" NPT S.S. CHECK VALVE (TEFLON BALL)		80-66-3	38" PICK UP TUBE 1/4"	
904-8KY	1/4" TUBE X 1/8" NPT KYNAR CHECK VALVE (S.S. BALL)		80-66-4	18" PICK UP TUBE 3/8"	
904-4S	1/4" TUBE X 1/8" NPT S.S. CHECK VALVE (S.S. BALL)		PUMP HEAD KITS		
904-4T	1/4" TUBE X 1/8" NPT S.S. CHECK VALVE (TEFLON BALL)		QUICK CHANGE PUMP (SMALL)		
SOLENOID VALVES			DEMA NO.	DESCRIPTION	
DEMA NO.	DESCRIPTION		81-118-15	DETERGENT KIT- 2 ROLLER SPRING LOADED	
442J-WW-4B	BRASS SOLENOID WITH COVER AND BRACKET		81-118-16	RINSE KIT 3- ROLLER FIXED	
81-316-6	SOLENOID KIT FOR NITRO/NITRO EXPRESS		81-118-17	DETERGENT KIT- 2 ROLLER FIXED	
81-118-19	SOLENOID KIT FOR TITAN		QUICK CHANGE PUMP (LARGE)		
WAREWASH AND LAUNDRY MOTORS			DEMA NO.	DESCRIPTION	
DEMA NO.	VOLTAGE	RPM	DISPENSER		
80-59-15MK	24 VDC	15	TITAN AND ATLAS		
80-59-60MK	24 VDC	60	TITAN AND ATLAS		
80-59-105MK	24 VDC	105	TITAN AND ATLAS		
81-13-115MK	115 VAC 60Hz	115	846		
81-14-230MK	230 VAC 60Hz	115	846		
81-15-115MK	115 VAC 60Hz	60	846		
81-17-230MK	230 VAC 50 Hz	115	846		
81-289-230MK	230 VAC 50/60 Hz	60	846		
81-316-10	24 VDC	118	NITRO/NITRO EXPRESS		
81-316-11	24 VDC	35	NITRO/NITRO EXPRESS		
951 FLUSH MANIFOLDS			DEMA NO.	DESCRIPTION	
DEMA NO.	INPUTS	FITTINGS	SOLENOID VALVE		
951-4P-V	4	3/8" PUSH	YES		
951-4B	4	3/8" BARB	NO		
951-4P-P14	4	1/4" PUSH	NO		
LAUNDRY CONVERSION KITS			PUMP MODULES		
DEMA NO.	DESCRIPTION		QUICK CHANGE BLUE PUMP (SMALL)		
84-65-1	AC LAUNDRY CONVERSION KIT (ON-BOAR PROG.)		DEMA NO.	DESCRIPTION	
84-65-1E	AC LAUNDRY CONVERSION KIT (EDSM/DATAGRIP)		81-118-18	15 RPM PUMP MODULE KIT	
FLUSH VALVE KITS			81-118-22	60 RPM PUMP MODULE KIT	
DEMA NO.	DESCRIPTION		84-65-29	105 RPM KIT W/ 3/8" JG FITTINGS	
84-65-32K	FLUSH VALVE KIT WITH PLUMBING FITTINGS		84-65-30	105 RPM KIT W/ 3/8" BARB FITTINGS	
84-65-32	FLUSH VALVE KIT ONLY		QUICK CHANGE BLUE PUMP (LARGE)		
95-RV	REMOTE VALVE KIT		DEMA NO.	DESCRIPTION	
			84-65-36	105 RPM KIT W/ 3/8" JG FITTINGS	
			84-65-37	105 RPM KIT W/ 3/8" BARB FITTINGS	

HOUSEKEEPING		SPRAYING AND FOAMING	
HOSES		HOSES	
DEMA NO.	DESCRIPTION	DEMA NO.	DESCRIPTION
44-3N-6	6 FT 1/2" NYLON BRAIDED GARDEN HOSE	44-3N-6	6 FT 1/2" NYLON BRAIDED GARDEN HOSE
44-3N-25	25 FT 1/2" NYLON BRAIDED GARDEN HOSE	44-3N-25	25 FT 1/2" NYLON BRAIDED GARDEN HOSE
44-3N-50	50 FT 1/2" NYLON BRAIDED GARDEN HOSE	44-3N-50	50 FT 1/2" NYLON BRAIDED GARDEN HOSE
44-3RG	25 FT 1/2" RED GARDEN HOSE	44-3RG	25 FT 1/2" RED GARDEN HOSE
44-3R-50	50 FT 1/2" RED GARDEN HOSE	44-3R-50	50 FT 1/2" RED GARDEN HOSE
44-3-6	6 FT 1/2" BLACK GARDEN HOSE	44-3-6	6 FT 1/2" BLACK GARDEN HOSE
44-3	25 FT 1/2" BLACK GARDEN HOSE	44-3	25 FT 1/2" BLACK GARDEN HOSE
44-3-50	50 FT 1/2" BLACK GARDEN HOSE	44-3-50	50 FT 1/2" BLACK GARDEN HOSE
93-14	25 FT 3/4" BLACK GARDEN HOSE	93-14	25 FT 3/4" BLACK GARDEN HOSE
100-12	8 FT 1/4" VINYL INLET TUBING	100-12	8 FT 1/4" VINYL INLET TUBING
100-2L	8 FT 3/8" VINYL INLET TUBING	100-2L	8 FT 3/8" VINYL INLET TUBING
61-21	6 FT 1/2" VINYL OUTLET TUBING (PROPORTIONERS)	44-4S	STAINLESS STEEL HOSE BRACKET
63-83	6 FT 9/16" VINYL OUTLET TUBING (AIR GAPS)	BACK FLOW PREVENTION	
44-4S	STAINLESS STEEL HOSE BRACKET	DEMA NO.	DESCRIPTION
PROPORTIONERS AND BACK FLOW PREVENTION		44-89	CONSTANT BACK FLOW PREVENTER
DEMA NO.	DESCRIPTION	100-16E	1/4"AND 3/8" FOOT VALVE (EP SEAL)
16-30	ACTION GAP BACK FLOW PREVENTER	100-16S	1/4"AND 3/8" FOOT VALVE (SILICONE SEAL)
61-22-3	4 GPM PROPORTIONER	100-16V	1/4"AND 3/8" FOOT VALVE (VITON SEAL)
61-99-2	1 GPM PROPORTIONER	60-54	1/4" X 1/4" INLINE CHECK VALVE
61-22-3BAG	4 GPM AIR GAP PROPORTIONER	SPRAY GUNS AND FOAM WANDS	
61-32BAG	1 GPM AIR GAP PROPORTIONER	DEMA NO.	DESCRIPTION
100-16E	1/4"AND 3/8" FOOT VALVE (EP SEAL)	28-1QD	TRIGGER SPRAY GUN W/QUICK DISCONNECT
100-16S	1/4"AND 3/8" FOOT VALVE (SILICONE SEAL)	40-14QD	HEAVY DUTY SPRAY GUN (FOR FOAM WAND)
100-16V	1/4"AND 3/8" FOOT VALVE (VITON SEAL)	40-14HD	HEAVY DUTY SPRAY GUN
60-54	1/4" X 1/4" INLINE CHECK VALVE	292GQD	FOAM WAND (FOR 28-1QD)
CHEMICAL STORAGE RACKS		292QD	FOAM WAND (FOR 40-14QD)
DEMA NO.	DESCRIPTION	93-18	FOAM WAND (FOR COMPRESSED AIR UNITS)
930-1R	1 STATION NON-LOCKING ROUND	MIXRITE PARTS	
930-1F	1 STATION NON-LOCKING F-STYLE	DEMA NO.	DESCRIPTION
930	3 STATION NON-LOCKING RACK	50-41-1	3/4" STRAINER 200 MESH (80 MICRON)
931-2	2 STATION LOCKING RACK	57-11-1	METERING TIP KIT (750:1 TO 2000:1)
931	3 STATION LOCKING RACK		
MISCELLANEOUS PARTS			
DEMA NO.	DESCRIPTION		
68-6	PRESURE INDICATING TEE (GHT)		
68-6QD1	PRESURE INDICATING TEE (MALE QUICK DISCONNECT)		
68-6QD2	PRESURE INDICATING TEE (MALE/FEMALE QUICK DICONNECT)		
66-43	40 PSI INLINE PRESURE REGULATOR (GHT)		
100-15K	STANDARD METERING TIP KIT (4:1 TO 427:1)		
100-15KU	ULTRA LEAN METERING TIP KIT (150:1 TO 915:1)		
44-61P	CAPILARY TIP (512:1 TO 1024:1)		

JOHN GUEST FITTINGS			
DEMA NO.	OREINTATION	JG SIZE	PIPE SIZE
58.103.2	STRAIGHT	1/4"	1/4"
58.103.3	STRAIGHT	3/8"	1/4"
58.103.4	STRAIGHT	3/8"	3/8"
58.103.5	STRAIGHT	1/4"	3/8"
58.103.6	STRAIGHT	3/8"	1/4"
58.104.2	ELBOW	1/4"	1/4"
58.104.3	ELBOW	3/8"	3/8"
58.104.4	ELBOW	3/8"	N/A
58.110.1	TEE	1/4"	N/A
58.110.2	TEE	3/8"	N/A
81.182.1	COUPLER	1/4" X 1/4"	N/A
81.182.3	COUPLER	3/8" X 3/8"	N/A
81.182.5	COUPLER	3/8" X 1/4"	N/A
95.31	ADAPTER	1/4"	GHT
95.32	ADAPTER	3/8"	GHT
57.125.1	MANIFOLD	3/8"	3/8"
28516.1	MANIFOLD	1/2"	1/2"
57.20.9	STRAIGHT	3/8"	1/2"
57.20.11	STRAIGHT	1/2"	1/2"
95.25.2	CHECK VALVE	1/4"	1/4"
95.25.3	CHECK VALVE	3/8"	1/4"

HEAVY DUTY SPRAY GUN

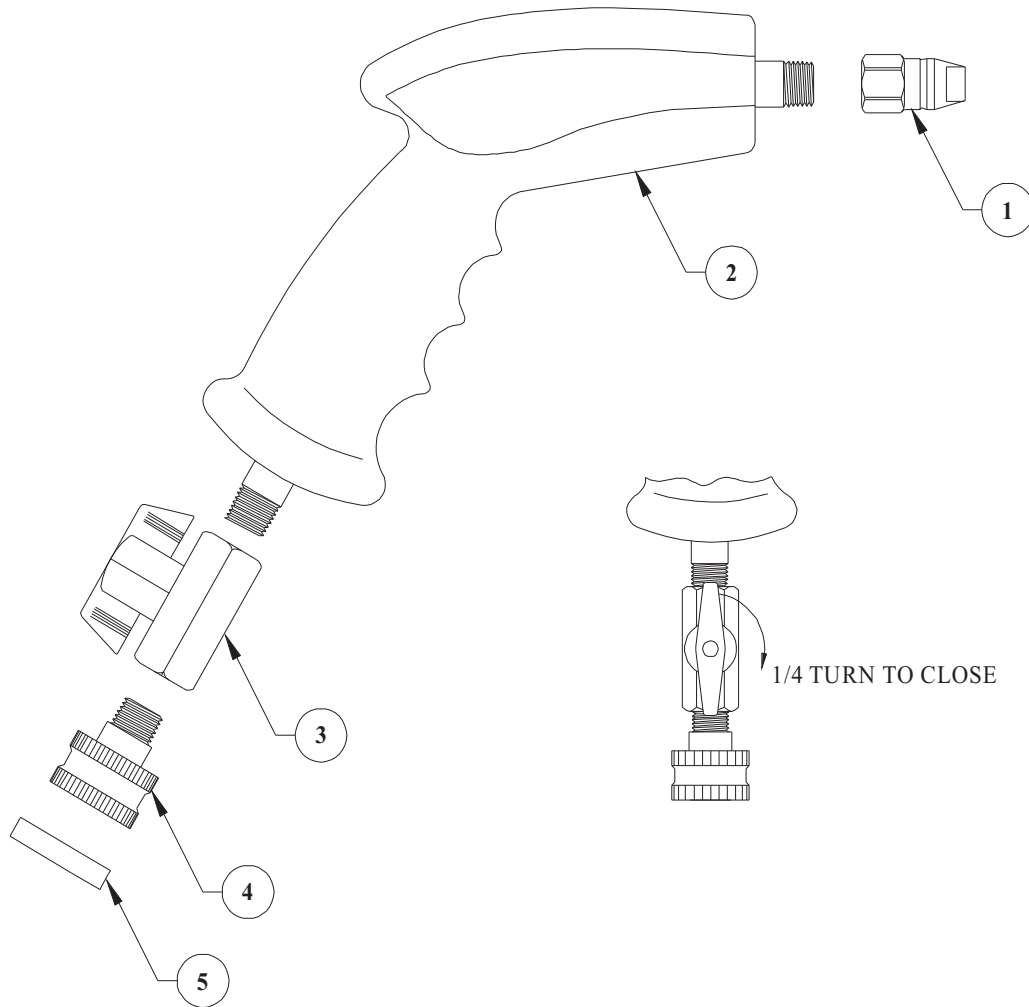
MODEL: 40-14HD (6-GPM SPRAY NOZZLE), 40-14HD-5-GPM (5-GPM SPRAY NOZZLE), 40-14HD-15GPM (1.5-GPM SPRAY NOZZLE)



NO.	PART NO.	DESCRIPTION
1	44-88-1560	Spray Nozzle (15°V-Jet 6-GPM)
2	44-88-2550	Spray Nozzle (25°V-Jet 5-GPM)
3	44-83	Spray Nozzle (15°V-Jet 1.5-GPM)
4	44-86	Spray Gun Handle
5	16-11 81-19-20	Ball Valve Screw for Ball Valve Turn Knob
6	44-113	Hose Coupling Adapter W/Strainer Washer
7	100-38	Strainer Washer

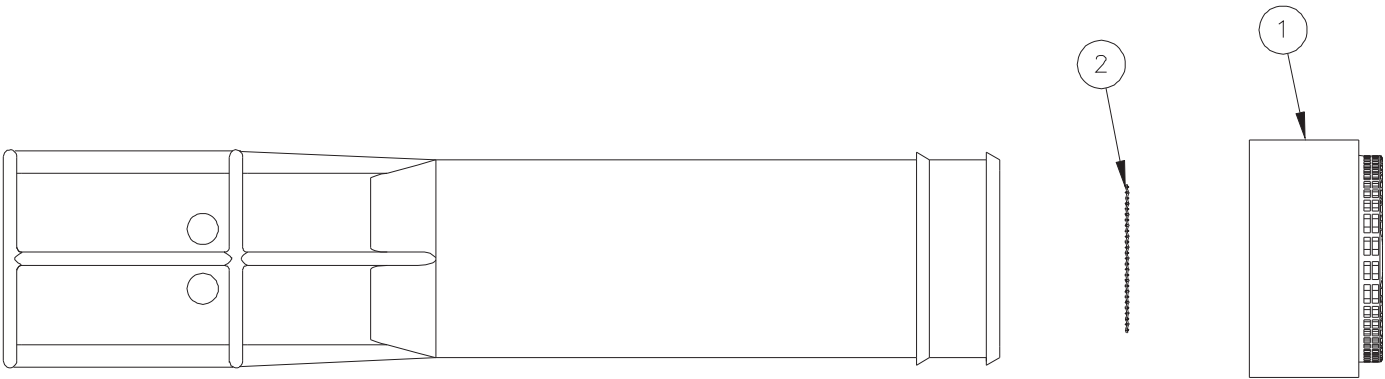
SPRAY GUN

MODEL 40-14QD HEAVY DUTY SPRAY GUN



NO.	PART NO.	DESCRIPTION
1	44-111-1560	Spray Nozzle (15° V-Jet, 5 GPM) Brass
	44-111-1560SS	Spray Nozzle (15° V-Jet, 5 GPM) Stainless Steel
2	44-86	Spray Gun Handle
3	16-11	Ball Valve
4	44-113	Hose Coupling Adapter W / Strainer Washer
5	150-6	Rubble Washer

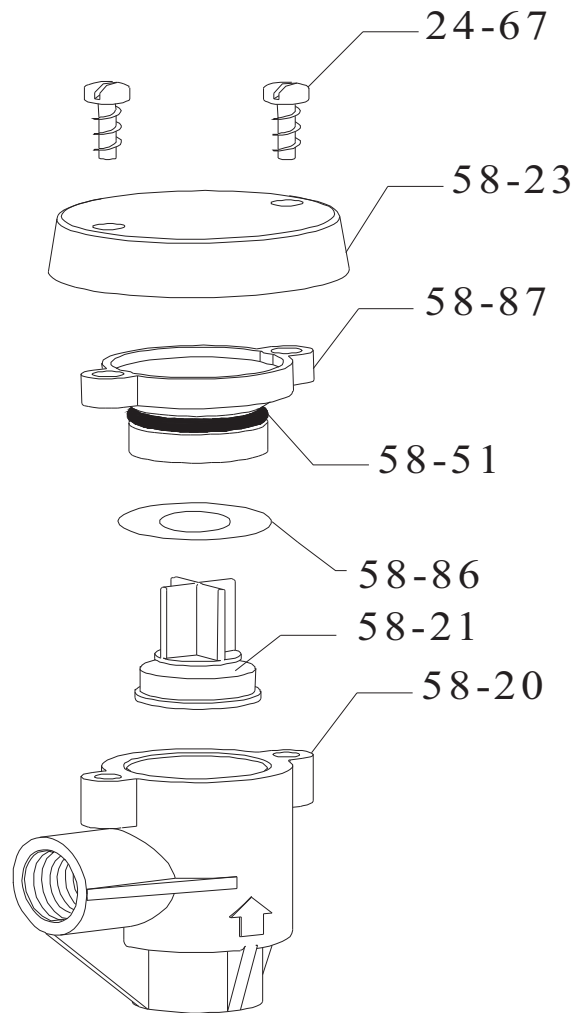
**DEMA MODEL 292QD AERATING WAND
FOR LOW PRESSURE FOAMING**



<i>ITEM</i>	<i>PART NO.</i>	<i>DESCRIPTION</i>
1	93-34-1	Cap Screen
2	93-60-1	Screen (.89 Dia)

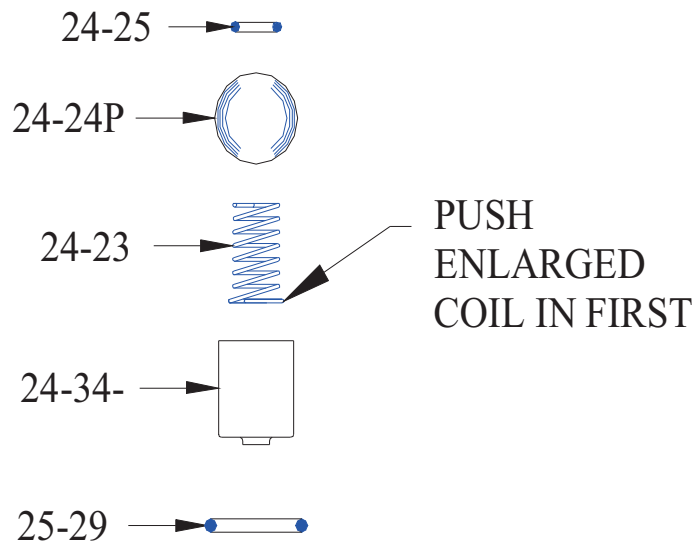
DEMA MODEL 58-1

ANTI-SIPHON VACUUM BREAKER



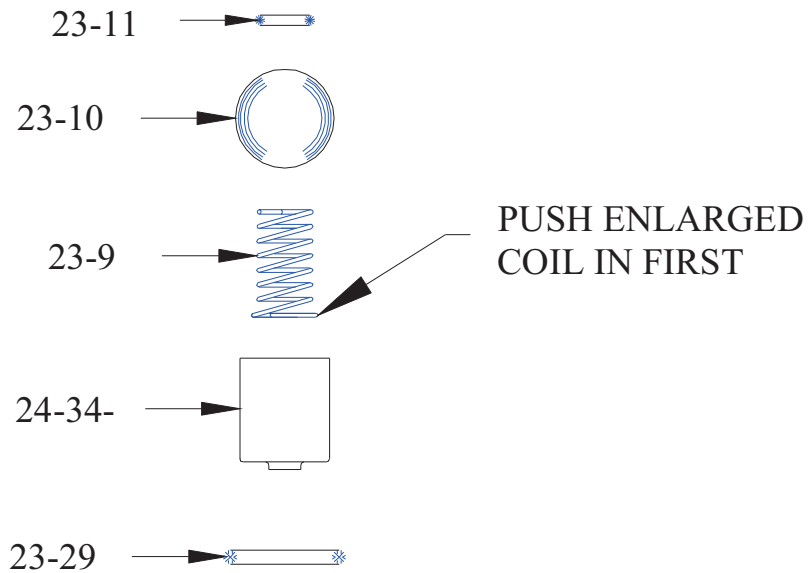
PART NO.	DESCRIPTION
24-67	#8 HI-LO SCREW
58-20	VACUUM BREAKER BODY
58-21	VACUUM BREAKER POPPET
58-23	SPLASH GUARD
58-51	O-RING
58-86	RUBBER WASHER
58-87	VACUUM SEAT

DEMA REPAIR KIT 24-62
FOR INJECTOR CHECK VALVES
USED IN METERING KNOBS WITH 1/4" DIA. INLET TUBING BARBS



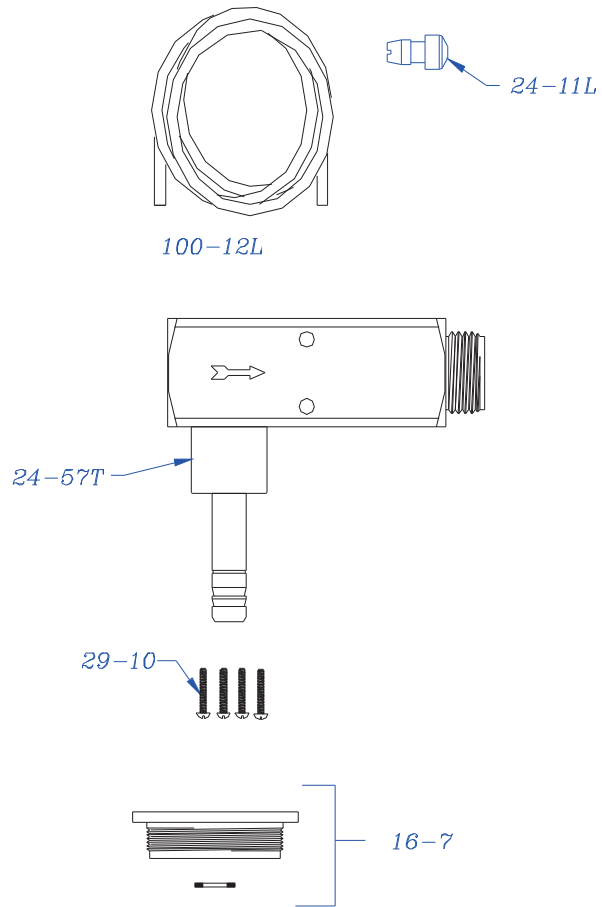
QUANTITY	PART NO.	DESCRIPTION
1	24-23	SPRING
1	24-24P	BALL (TEFLON)
1	24-25	O-RING (SMALL)
1	24-34-7	CORE
1	24-29	O-RING (LARGE)

DEMA REPAIR KIT 24-63
FOR INJECTOR CHECK VALVES
USED IN METERING KNOBS WITH 3/8" DIA. INLET TUBING BARBS



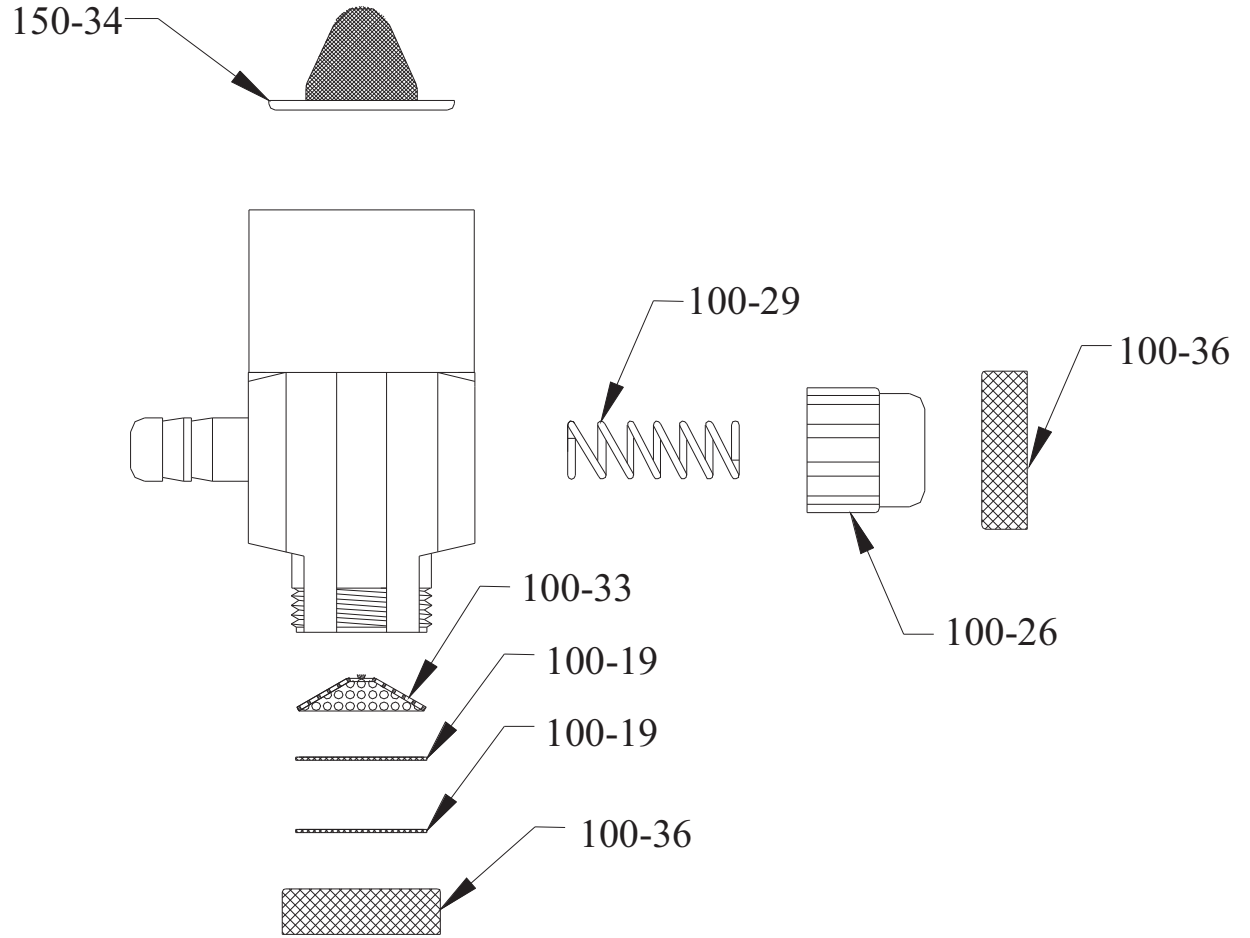
QTY	PART NO.	DESCRIPTION
1	23-9	SPRING
1	23-10	BALL
1	23-11	O-RING (SMALL)
1	24-34-3	CORE
1	23-29	O-RING (LARGE)

DRUM MOUNT KIT 29-13



PART NO.	DESCRIPTION
16-7	DRUM BUNG WITH RETAINER RING
23-7	SCREWS #8-32 1" LONG
24-11L	FOOT STRAINER
24-57T	METERING KNOB ASSEMBLY
100-12L	VINYL SUPPLY TUBING

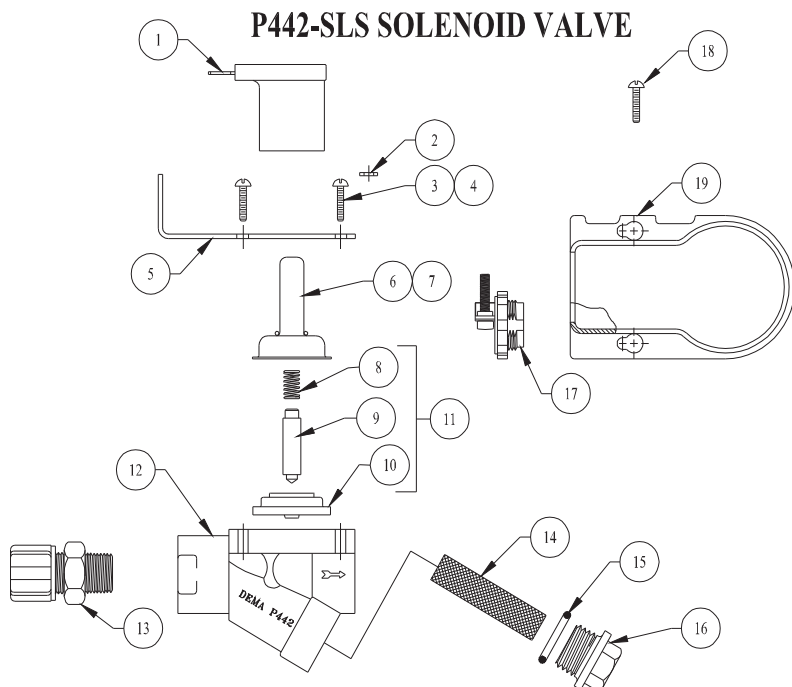
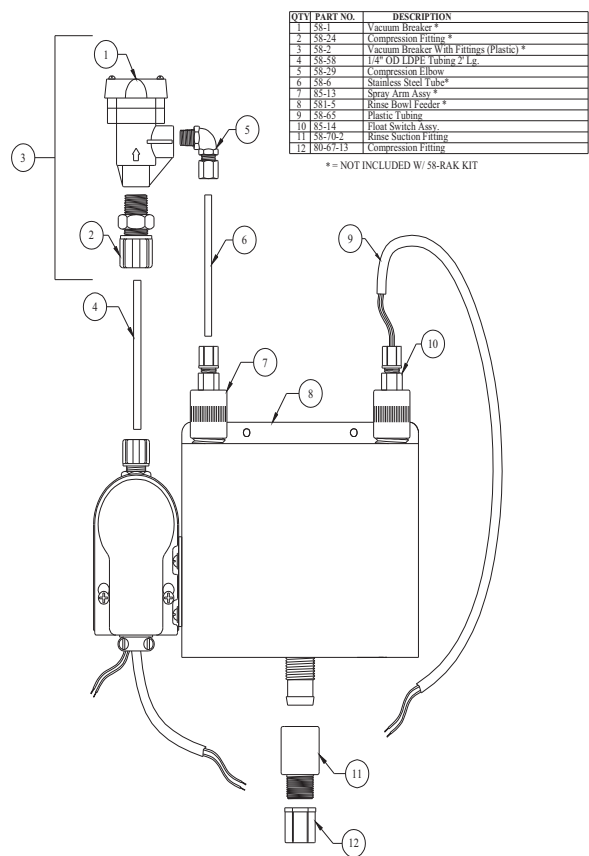
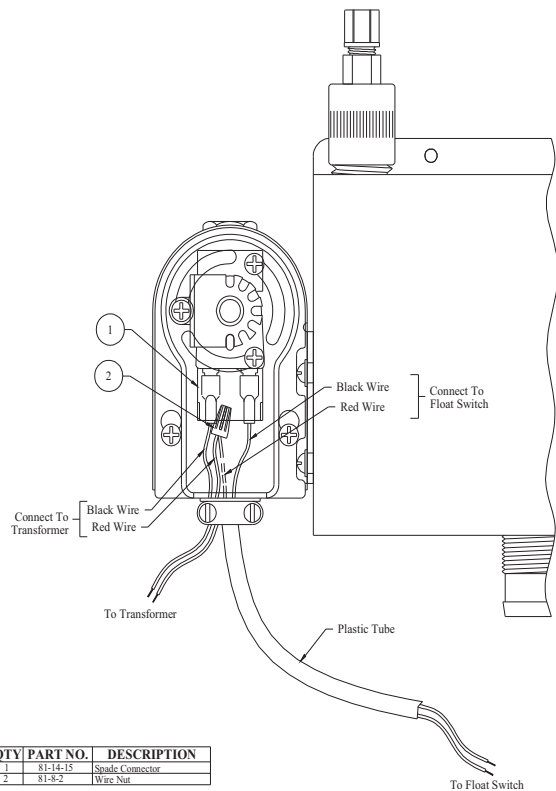
DEMA REPAIR KIT 100-52
FOR FAUCET PROPORTIONERS
MODELS 153 & 154



QUANTITY	PART NO.	DESCRIPTION
2	100-19	FLAT SCREEN
1	100-26	BLUE BUTTON
1	100-29	SPRING
1	100-33	CONICAL SCREEN
2	100-36	RETAINERS
1	150-34	CONICAL INLET SCREEN WASHER

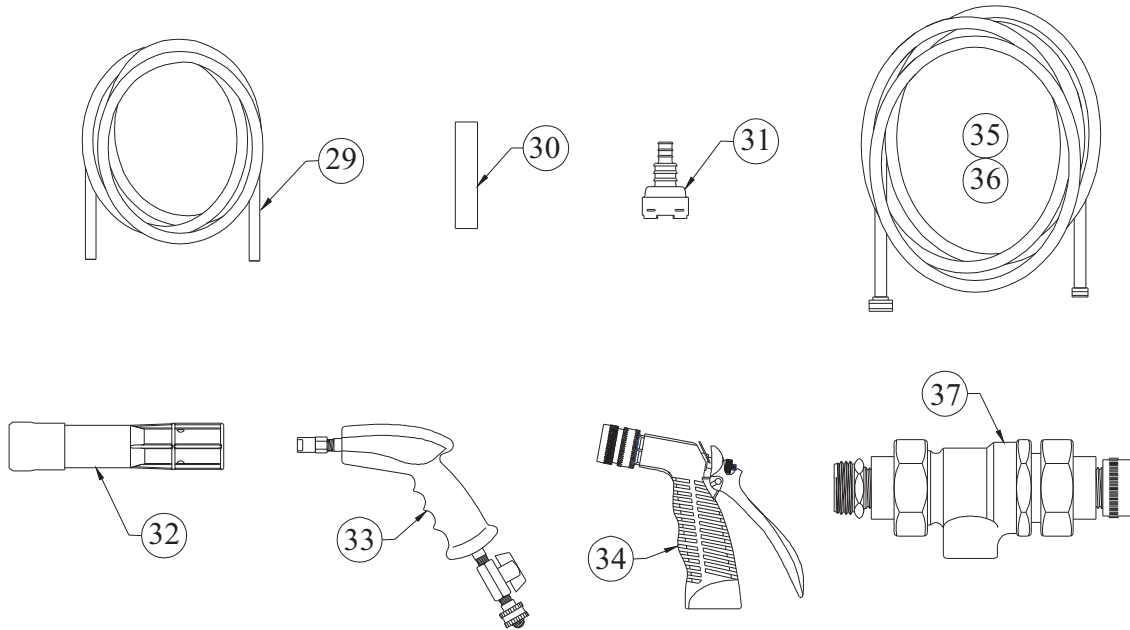
RINSE ACCESSORY KIT

DEMA MODEL: 58-RAK



QTY	PART NO.	DESCRIPTION
1	41-9-5-3	Solenoid Coil
2	41-41	Nylon Washer
3	63-46	Screw #8-18 X 1/2 Lg. (2 Reqd.)
4	41-62-2	Screw #8-18 X 3/8 Lg. (1 Reqd.)
5	41-39	Flange
6	41-34	Spacer Ring
7	41-7-25	Enclosing Tube (Stainless)
8	41-1-8	Kick-Off Spring
9	41-10-11	Plunger
10	41-15-5	Diaphragm
11	61-78	Valve Repair Kit
12	41-59-1	Valve Body (P442)
13	58-24	Compression Fitting (2) - Polypropylene
14	41-36-1	Strainer Screen
15	41-61	O-Ring Seal
16	41-60	Screen Cap
17	85-24	3/8" Romex Connector
18	41-40	Cover Screw (2)
19	41-38	Cover

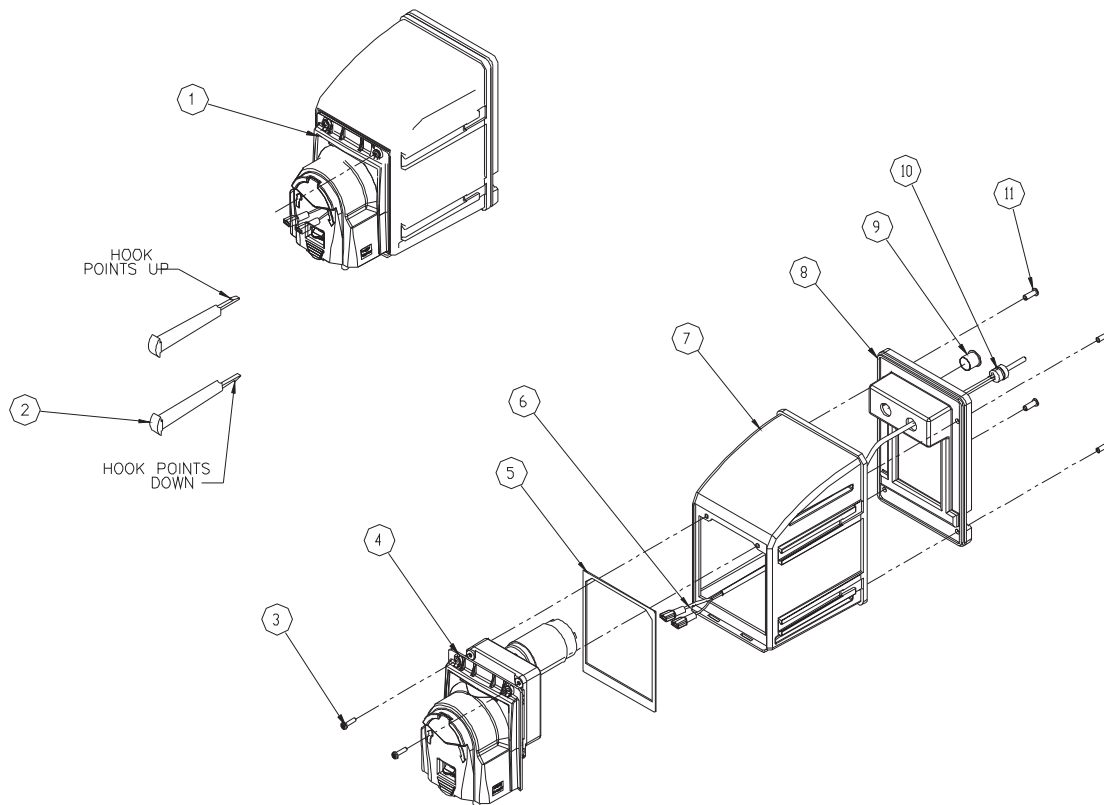
DEMA ROAM' n FOAM MODELS
625RNF, 625RNF-1, 625RNF-2, 625RNF-3, 625RNF-4 & 625RNF-5
DEMA RAPID FIRE MODELS
6300, 6300-1, 6300-2, 6300-3, 6300-4 & 6300-5
ACCESSORIES



ITEM NO.	DEMA NO.	DESCRIPTION	MATERIAL
29	100-12	Vinyl Tubing ¼"i.d. x 8'lg	Vinyl
30	61-107-2	Ceramic Weight ¼"i.d.	Ceramic
31	100-16E	Foot Valve Assembly	Polyprop. & E.P.
32	292QD 292GQD	Wand (for 1/4 turn valve gun #33) Wand (for trigger handle gun #34)	Polypropylene Polypropylene
33	40-14QD	Spray gun (Blue Handle)	Stainless Steel With Insulated Rubber Handle
34	28-1QD	Spray gun w/ Quick Disconnect	Metal and Plastic With Insulated Rubber Handle
35	44-3-6	Hose Assy. Black ½"ID x 6' lg.	Black Rubber
36	44-3RG	Hose Assy. Red ½"ID x 25' lg.	Red Rubber
37	44-89-112	Backflow Assy. w/ Garden Hose Fittings	Brass

DEMA 81-118-18

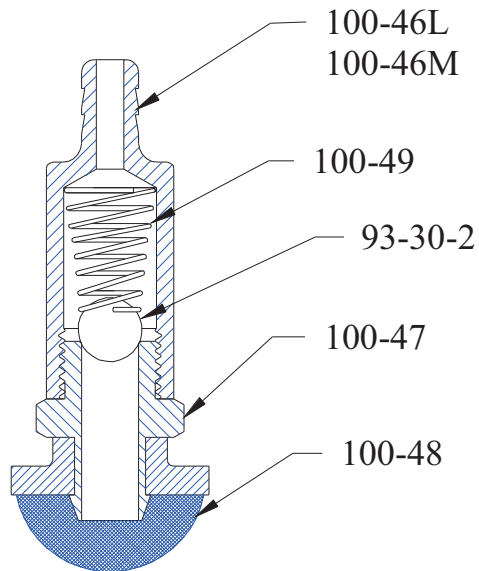
TITAN SANITIZER PUMP MODULE KIT



NO.	QTY.	DEMA NO.	DESCRIPTION
1	1	81-198-1	Pump Module Assembly – Sanitizer
2	2	81-114-1	Side Module Joint
3	2	41-40-2	#6-32 x 1/2" SS Screw
4	1	81-173-2	Pump 3 Roller Fixed – 15 RPM
5	1	81-159-1	Pump Gasket
6	1	81-196-1	Cable Assembly – Pump Module (red + / black -)
7	1	81-197-1	Side Module Enclosure
8	1	81-143-1	Side Module Back
9	1	81-47-1	1/2" Hole Plug
10	1	81-183-1	Cable Strain Relief
11	4	44-116-2	#8 x 3/8" Hi-Low Screw

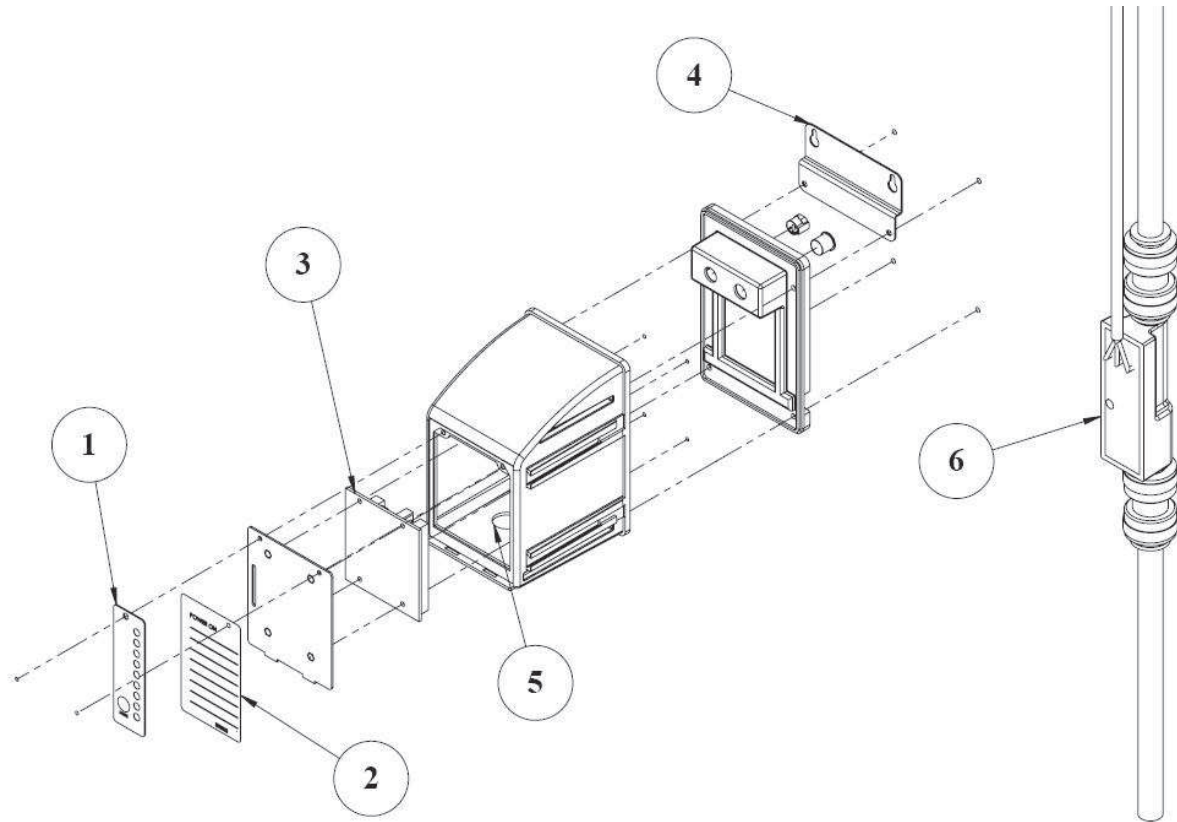
FOOT VALVES

DEMA MODELS 902 AND 903



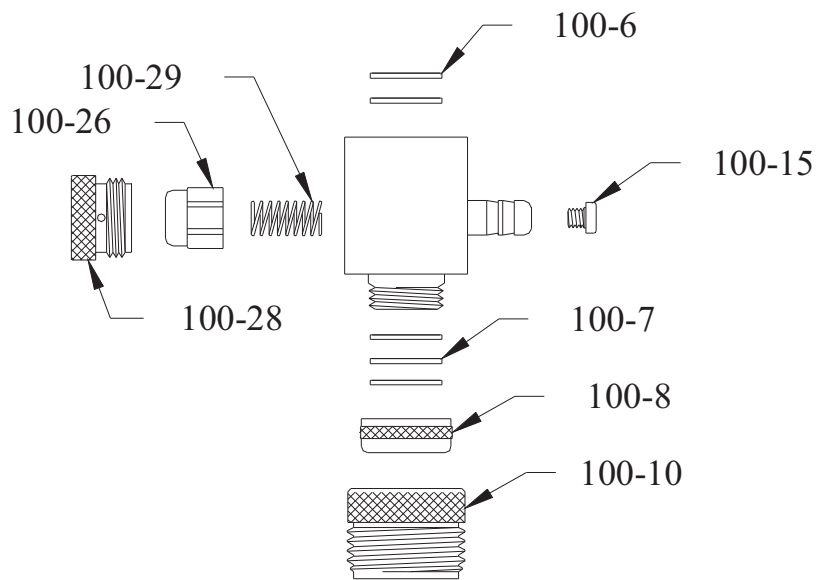
<i>PART NO.</i>	<i>DESCRIPTION</i>
93-30-2	RUBBER BALL 5-/16" DIA. E.P.
100-46L	BODY (MODEL 903 FOR 3/8" ID TUBING)
100-46M	BODY (MODEL 902 FOR 1/4" ID TUBING)
100-47	STAINLESS STEEL FOOT VALVE SEAT
100-48	60 MESH FOOT STRAINER
100-49	FOOT VALVE SPRING

LOW LEVEL ALARM



NO.	PART NO.	DESCRIPTION
1	L1187	MEMBRANE LABEL WITH MUTE BUTTON
2	L1239	CHEMICAL LABEL
3	84.65.50	CONTROL BOARD KIT
4	81.324.1	WALL MOUNTING BRACKET
5	84.176.3	STRAIN RELIEF FOR SENSORS
6 (Not Included)	84.65.44	SENSOR W/ BARBS FOR 3/8" ID TUBING
	84.65.45	SENSOR W/ 3/8" JG UNION FITTINGS (SHOWN)
	84.65.46	SENSOR W/ 1/4" JG UNION FITTINGS
	84.65.47	SENSOR W/ 3/8" STEM (NO FITTING)
7	25.69.7	SWITCHING POWER SUPPLY FOR STAND ALONE UNIT (NOT SHOWN)
	81.78.1	POWER CABLE FOR CONNECTION TO IQ-85 (NOT SHOWN)
8	82.29.3	15' EXTENSION CABLE FOR SENSOR LENGTH (NOT SHOWN)
9	81.32.54	GROUND WIRE FOR STAND ALONE UNIT (NOT SHOWN)

DEMA REPAIR KIT 100-51
FOR
FAUCET PROPORTIONERS – MODEL 151 AND 152



QTY	PART N0.	DESCRIPTION
2	100-6	INLET WASHER (2-REQD)
3	100-7	OUTLET SCREEN (3-REQD.)
1	100-8	OUTLET SCREEN RETAINER
1	100-10	OUTLET HOSE ADAPTER (OPTIONAL)
1	100-26	PUSH BUTTON
1	100-28	BUTTON RETAINER
1	100-29	BUTTON SPRING