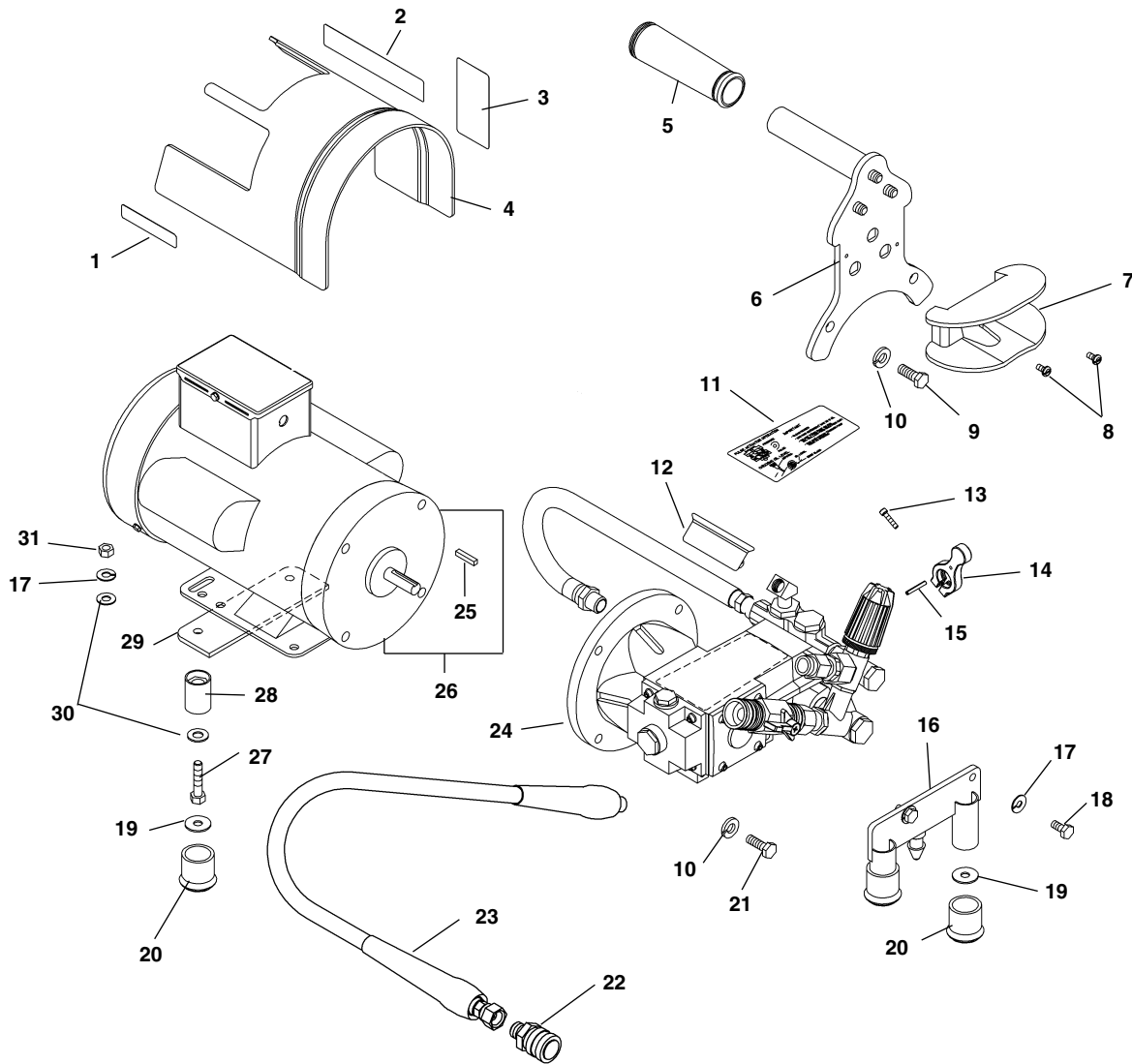


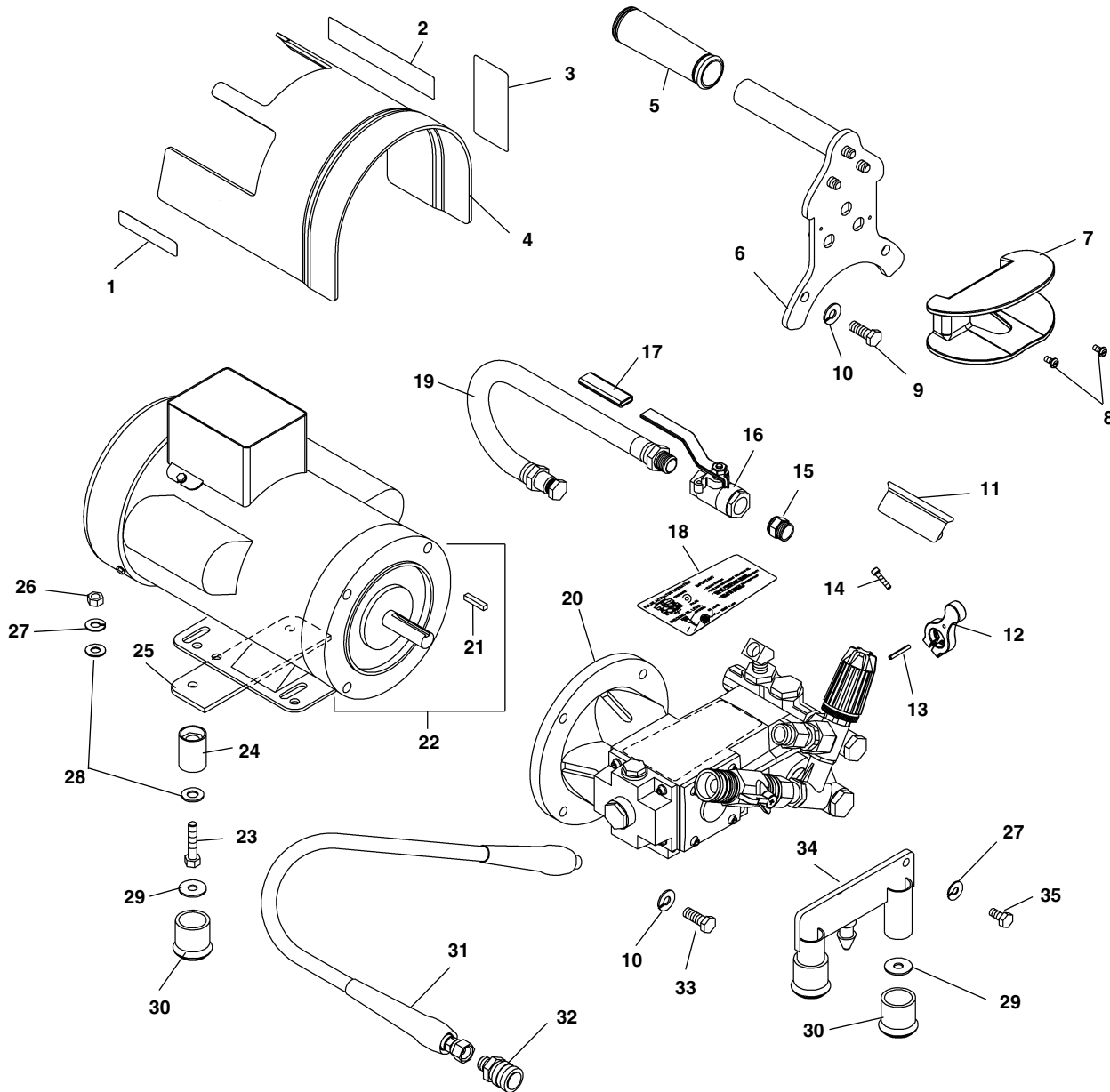
Main Components - Single Pulse Model



**NOTE: Order parts by Catalog Number only.
DO NOT order by Reference Number.**

Ref. No.	Catalog No.	Description	Ref. No.	Catalog No.	Description
1	63972	Decal, Potable Water	17	60080	Lock Washer, 5/16" (2)
2	63962	Decal, Model Number	18	61130	Hex Screw, 5/16" - 18 x 3/4" (2)
3	48232	Decal, Warning	19	60847	Flat Washer, 1/2" (4)
4	63917	Motor Shroud	20	37962	Rubber Foot (4)
5	60827	Hand Grip	21	85915	Hex Screw, 3/8" - 16 x 3/4" (2)
6	63932	Handle	22	48117	Female Quick Connect, 1/4" NPT Male
7	63937	Cord Wrap	23	63927	Output Hose
8	16417	Screw, #10 - 32 x 3/8" Pan Head (2)	24	63897	Pump Assembly Complete
9	60380	Hex Screw, 3/8" - 16 x 1 1/4" (2)	25	47677	Key, 1/8" x 3/16" x 1"
10	60085	Lock Washer, 3/8" (4)	26	63892	Motor, 115V, 1.5 HP
11	63967	Decal, Pulse Instruction	27	43847	Hex Screw, 5/16" - 18 x 1 1/2" (2)
12	63902	Pressure Gauge	28	63947	Rear Foot
13	46375	Socket Head Screw, #6 - 32 x 5/8"	29	63952	Rear Bracket
14	63907	Actuator Handle	30	60060	Flat Washer, 5/16" (2)
15	41500	Spring Pin	31	60230	Hex Nut, 5/16" - 18 (2)
16	63942	Front Foot			

Main Components - Dual Pulse Model



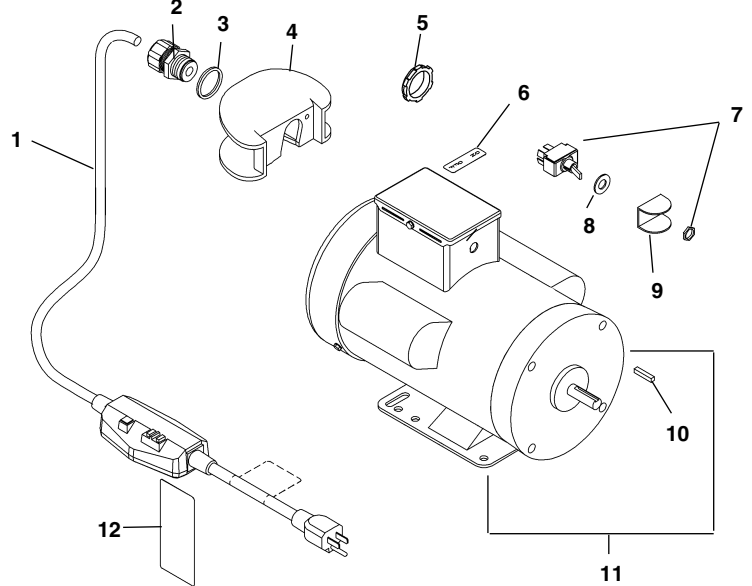
**NOTE: Order parts by Catalog Number only.
DO NOT order by Reference Number.**

Ref. No.	Catalog No.	Description	Ref. No.	Catalog No.	Description
1	63972	Decal, Potable Water	19	48132	Dampener Hose, 18"
2	63962	Decal, Model Number	20	63897	Pump Assembly Complete
3	48232	Decal, Warning	21	47677	Key, 1/8" x 3/16" x 1"
4	63917	Motor Shroud	22	63892	Motor, 115V, 1.5 HP
5	60827	Hand Grip	23	43847	Hex Screw, 5/16" - 18 x 1 1/2" (2)
6	63932	Handle	24	63947	Rear Foot
7	63937	Cord Wrap	25	63952	Rear Bracket
8	16417	Screw, #10 - 32 x 3/8" Pan Head (2)	26	60230	Hex Nut, 5/16" - 18 (2)
9	60380	Hex Screw, 3/8" - 16 x 1 1/4" (2)	27	60080	Lock Washer, 3/16" (2)
10	60085	Lock Washer, 3/8" (4)	28	60060	Flat Washer, 5/16" (2)
11	63902	Pressure Gauge	29	60847	Flat Washer, 1/2" (4)
12	63907	Actuator Handle	30	37962	Rubber Foot (4)
13	41500	Spring Pin	31	63927	Output Hose
14	46375	Socket Head Screw, #6 - 32 x 5/8"	32	48117	Female Quick Connect, 1/4" NPT Male
15	63912	Hex Nipple, 3/8" NPT	33	85915	Hex Screw, 3/8" - 16 x 3/4" (2)
16	48127	Pulse Control Valve	34	63942	Front Foot
17	64272	Pulse Valve Cover	35	61130	Hex Screw, 5/16" - 18 x 3/4" (2)
18	63967	Decal, Pulse Instruction			

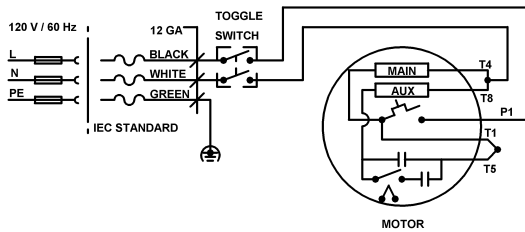
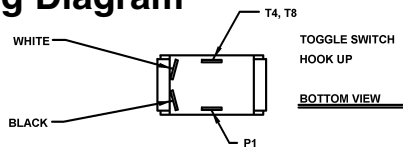
Electrical Components

**NOTE: Order parts by Catalog Number Only.
DO NOT order by Reference Number.**

Ref. No.	Catalog No.	Description
1	63922	Power Cord with GFCI
2	36732	Strain Relief
3	64037	Flat Washer
4	63937	Cord Wrap
5	48052	Strain Relief Nut
6	48087	Decal, ON/OFF
7	48057	Toggle Switch w/Fasteners
8	23512	Rubber Washer
9	61490	Switch Guard
10	47677	Key, 1/8" x 3/16" x 1"
11	63892	Motor, 115V, 1.5 HP
12	63977	Warning Tag, GFCI

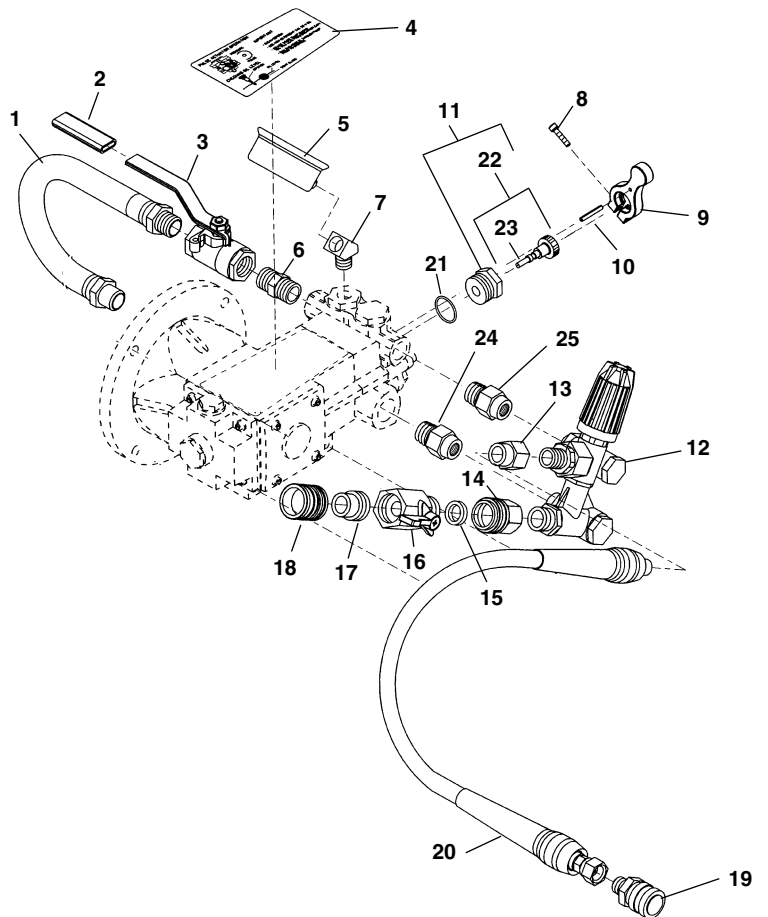


Wiring Diagram

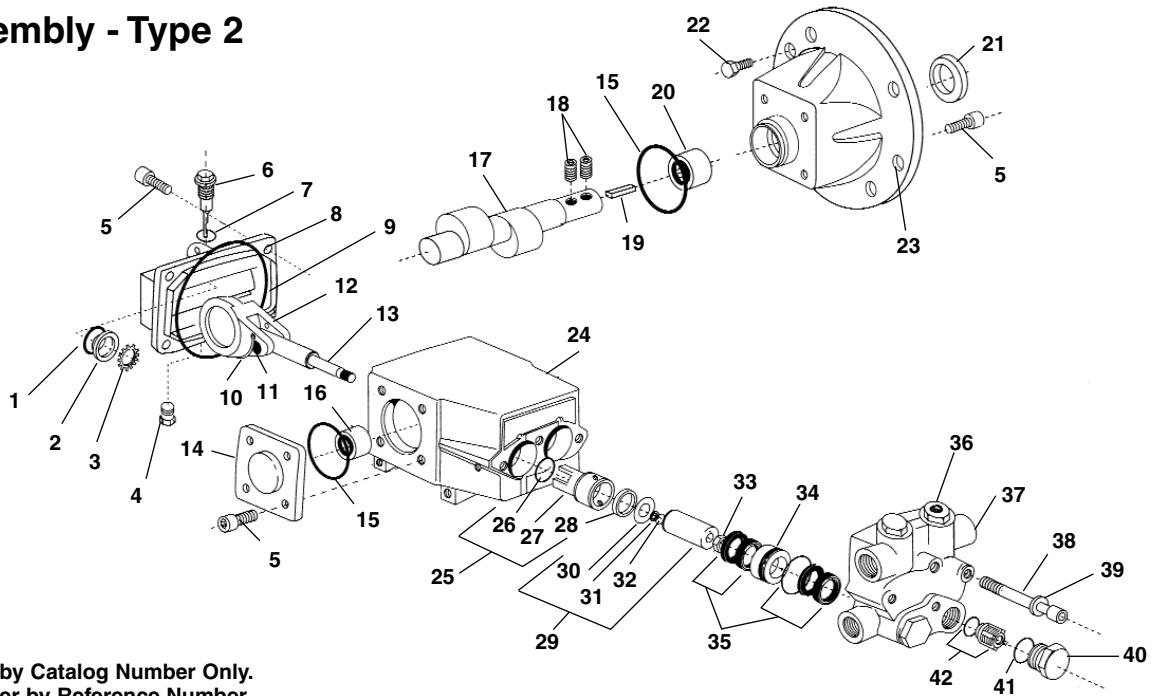


Flow Control System

Ref. No.	Catalog No.	Description
1	48132	Dampener Hose, 18"
2	64272	Pulse Valve Cover
3	48127	Pulse Control Valve
4	63967	Decal, Pulse Instruction
5	63902	Pressure Gauge
6	63912	Hex Nipple, 3/8" NPT
7	48107	Street El, 45 Degree
8	46375	Soc Hd Screw, #6 - 32 x 5/8"
9	63907	Actuator Handle
10	41500	Spring Pin
11	65192	Pulse Assembly
12	65202	Unloader Valve Assembly
13	65197	Reducer Coupling
14	65207	Hose Adapter
15	48287	Filter Washer
16	49582	Water Shut Off
17	48202	Hose Coupler Nipple
18	48197	Hose Coupler
19	48117	Female Quick Connect, 1/4" NPT Male
20	63927	Output Hose
21	65392	O-Ring
22	85872	Adjusting Screw w/Seals
23	85882	Seals for Adjusting Screw
24	70427	Inlet Adapter, 1/2" x 1/2"
25	70432	Outlet Adapter, 3/8" x 3/8"
	65102	Wash Wand Nozzle (Not Shown)
	70897	Chemical Injector (Not Shown)



Pump Assembly - Type 2



**NOTE: Order parts by Catalog Number Only.
DO NOT order by Reference Number.**

Ref. No.	Catalog No.	Description	Ref. No.	Catalog No.	Description	Ref. No.	Catalog No.	Description
1	88852	O-Ring	15	47707	O-Ring (2)	30	47762	Slinger Ring (2)
2	88847	Sight Glass	16	88822	Needle Bearing	31	47712	Backup Seal (2)
3	88857	Retainer	17	88877	Crankshaft	32	47697	O-Ring (2)
4	47782	Drain Plug, 1/4" NPT	18	47752	Set Screw, 1/4" - 28 x 1/4" (2)	33	88867	Retaining Nut (2)
5	40910	Soc. Hd. Cap Screw, 1/4" - 20 x 3/4" (12)	19	47677	Key, 1/8" x 3/16" x 1"	34	88862	Cup Retainer, (2)
6	47787	Dip Stick	20	47727	Needle Bearing	35	88432	Plunger Seal Kit
7	88452	O-Ring	21	47732	Seal	36	89017	Valve Cap, Ported, 1/4" NPT
8	88842	Crankcase Cover	22	75350	Hex Bolt, 3/8" - 16 x 1 1/4" (4)	37	88792	Head
9	88447	O-Ring	23	47667	C-Flange End Cover	38	47747	Socket Head Cap Screw (4)
10	88837	Spring Retainer (2)	24	88812	Crankcase	39	88872	Lock Washer (4)
11	88827	Wrist Pin (2)	25	88437	Oil Seal Repair Kit	40	88412	Valve Cap (2)
12	88832	Connecting Rod (2)	26	88442	O-Ring (2)	41	88417	O-Ring (4)
13	88807	Plunger Rod (2)	27	88797	Insert (2)	42	88422	Valve Kit
14	88817	End Plate	28	88802	Oil Seal (2)			
			29	88427	Plunger Kit, (2)			

Unloader Valve - (Black Knob)

Ref. No.	Catalog No.	Description
—	65202	Unloader Valve Complete
1	85902	Plate
2	64302	Spring Button
3	64317	Body
4	85897	Spring
5	64307	Poppet
6	64312	Pin
7	64332	Outlet Poppet Retainer
8	64337	Spring
9	64342	Poppet
10	64352	By-Pass Seat
11	64347	Plunger
12	64362	Inlet Adapter
13	64367	Manifold
14	64372	Inlet Port Adapter
15	64327	Outlet Port Adapter
16	85892	Plug Cap
17	32270	Soc. Hd. Cap Screw 5/16" - 18 - 3/4"
18	61115	Hex Nut 5/16" x 18
19	85887	Control Knob (Black)
20	85907	Cap
21	85917	Spring Guide
22	85912	Pin
23	64322	Seal Washer
24	64357	Seal Washer
25	85922	Seal Washer
26	85927	Seal Washer
27	85932	Seal Kit

