



# **GASBOY**

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## **SERIES 9800A**

## **PUMPS/DISPENSERS**

## **PARTS LIST**

**035297**

**REV. 03/07/03**

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**GASBOY INTERNATIONAL LLC LANSDALE, PA**

# IMPORTANT WARNINGS AND SAFEGUARDS

**Gasoline and petroleum products are flammable. To avoid injury or death to persons or damage to equipment or property, follow these listed warnings and other warnings and precautions outlined in this manual when installing, using, or working around this equipment. Check with GASBOY Technical Services for compatibility of liquids with pump materials.**

## **TURN OFF AND LOCK OUT ALL POWER TO PUMP BEFORE PERFORMING SERVICE, MAINTENANCE OR IN THE EVENT OF A FUEL SPILL.**

All products must be installed by a qualified installer and used in conformance with all building, fire, and environmental codes and other safety requirements applicable to its installation and use, including, but not limited to, NFPA 30, NFPA 30A, NFPA 395 & NFPA 70. A qualified installer is familiar with fuel systems installations under the above stated building, fire, and environmental codes and other safety requirements for the particular type of installation.

This product is only part of a fuel dispensing system and additional equipment and accessories, such as, but not limited to, breakaway connectors, shear valves, pressure regulators, flow limiters, and other safety devices may be necessary to meet the applicable codes.

For maximum safety, we recommend that all employees be trained as to the location and procedure for turning off power to the entire system. Instructions regarding proper operation of the equipment along with the appropriate safety warnings should be posted in plain view at the fuel island.

Before performing service or maintenance (including changing of fuel filters or strainers) or in the event of a fuel spill, turn off and lock out all power to the system. In battery-powered pumps, disconnect power source. In submersible pump applications, turn off and lock out power at the master panel and close any impact valves to the submersible pump and any other dispensers which use that submersible pump. AC power can feed back into a shut-off dispenser when dispensers share a common submersible pump or starter relay. Also block islands so no vehicles can pull up to the dispenser when the dispenser is being worked on.

**DO NOT** use Teflon tape for any pipe threads in the product.

**DO NOT** use consumer pumps for pumping fuel or additives into aircraft.

**DO NOT** use commercial pumps for direct fueling of aircraft without filters and separators necessary to ensure product purity.

**DO NOT** use where sanitary design is required (for food products for human consumption) or with water-based liquids.

**DO NOT** smoke near the pump or when using the pump.

**DO NOT** use near open flame or electrical equipment which may ignite fumes.

**DO NOT** permit the dispensing of gasoline or other petroleum products into a vehicle with its motor running.

**DO NOT** permit the dispensing of gasoline or other petroleum products into unapproved containers or into approved containers in or on vehicles including trucks. All containers must be filled on the ground to prevent static discharge. Always use Approved and Listed hoses and nozzles with electric pumps and dispensers.

**DO NOT** block open the nozzle in any manner. Nozzles shall conform to UL and NFPA code requirements for attended or unattended service.

**DO** ensure that the pump is equipped with proper filters based on the product being dispensed and its intended use.

**DO** wear safety goggles and protective clothes when dispensing any liquid which may be potentially harmful or hazardous.

**DO** keep all parts of body and loose clothing clear of belts, pulleys, and other exposed moving parts at all times.

**DO** require washing and changing of clothes if fuel is spilled on a person or his/her clothing. Keep away from open flames, sparks, or people smoking.

**DO** provide a receptacle for catching product from pump/meter when servicing.

**DO** clean up product spills on the driveway. Turn off and lock out all power prior to cleanup.

**DO** insure pump is properly grounded.

**DO** insure hose is compatible with fluid being dispensed.

**DO** inspect hose, nozzle, and pump on a regular basis for wear, damage, or other conditions which may create a safety or environmental hazard.

**DO** make sure all pipe threads are properly cut and the inside reamed to remove burrs. Use UL classified gasoline-resisting compound on all joints of gasoline handling piping. Sealing compound must also be resistant to Gasohol (Ethanol and Methanol). Use gasoline-resistant pipe compound on male threads only; pipe compound used on female threads can be squeezed into the supply line where it can enter the product stream and become lodged in the pump or meter.

**DO** ensure that junction box covers are in place and properly tightened. Mating surfaces between the box and cover must be free of dirt, nicks, and scratches. All unused entries into the junction box must be properly plugged.

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# PARTS LIST

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## USING THIS PARTS LIST

This manual lists parts information for the Series 9800A pumps and dispensers. Using part numbers when ordering will expedite your order and reduce the possibility of the wrong parts being shipped.

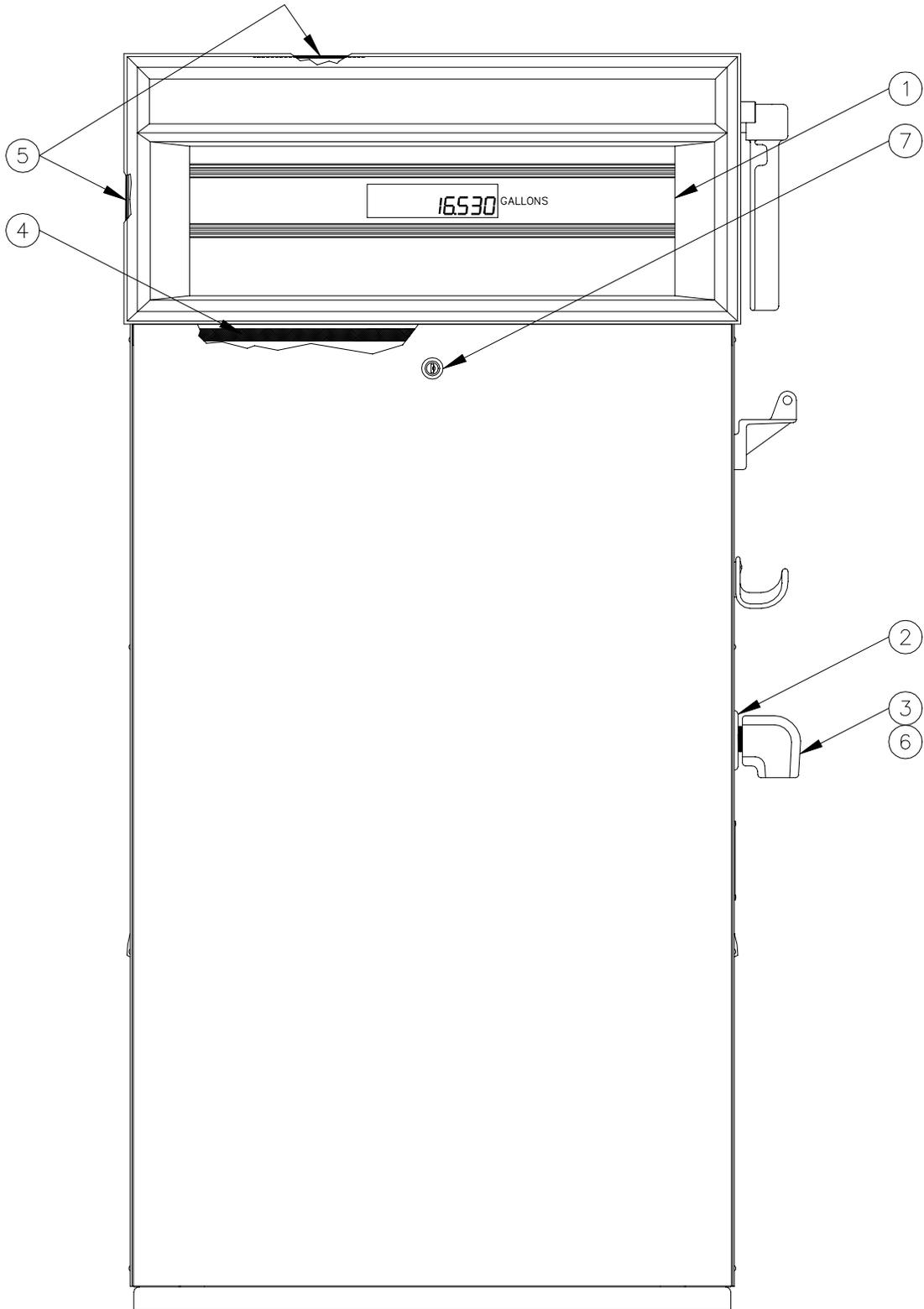
This manual is arranged from general to specific, presenting the complete unit first, then the chassis breakdowns, then further breakdowns of the dial enclosures, discharges, pumping units, motors, meters and electronics. If you can't find the part you need from the chassis drawing, be sure to check the appropriate parts breakdown for your model.

Procedures requiring disassembly of portions of the pump/dispenser should be performed by competent service personnel. Do not depend upon the repair service of a general mechanic unless he is thoroughly familiar with the mechanism. GASBOY has a distributor network which services fuel dispensing and management systems in every section of the country.

### **WARNING:**

*To reduce the risk of electrical shock when servicing, turn off and lock out all power to the pump/dispenser. In submersible pump applications, turn off and lock out power to the submersible pump and any other pumps/dispensers which use that submersible pump. AC power can feed back into a shut-off dispenser when dispensers share a common submersible pump or starter relay. Always turn off and lock out all power to the dispenser and submersible pumps at the master panel and close any impact valve before performing maintenance or service to the dispenser, including the changing of any fuel filters or strainers. Also block islands so no vehicles can pull up to the dispenser when the dispenser is being worked on.*

9800A SINGLE ASSEMBLY - FRONT VIEW

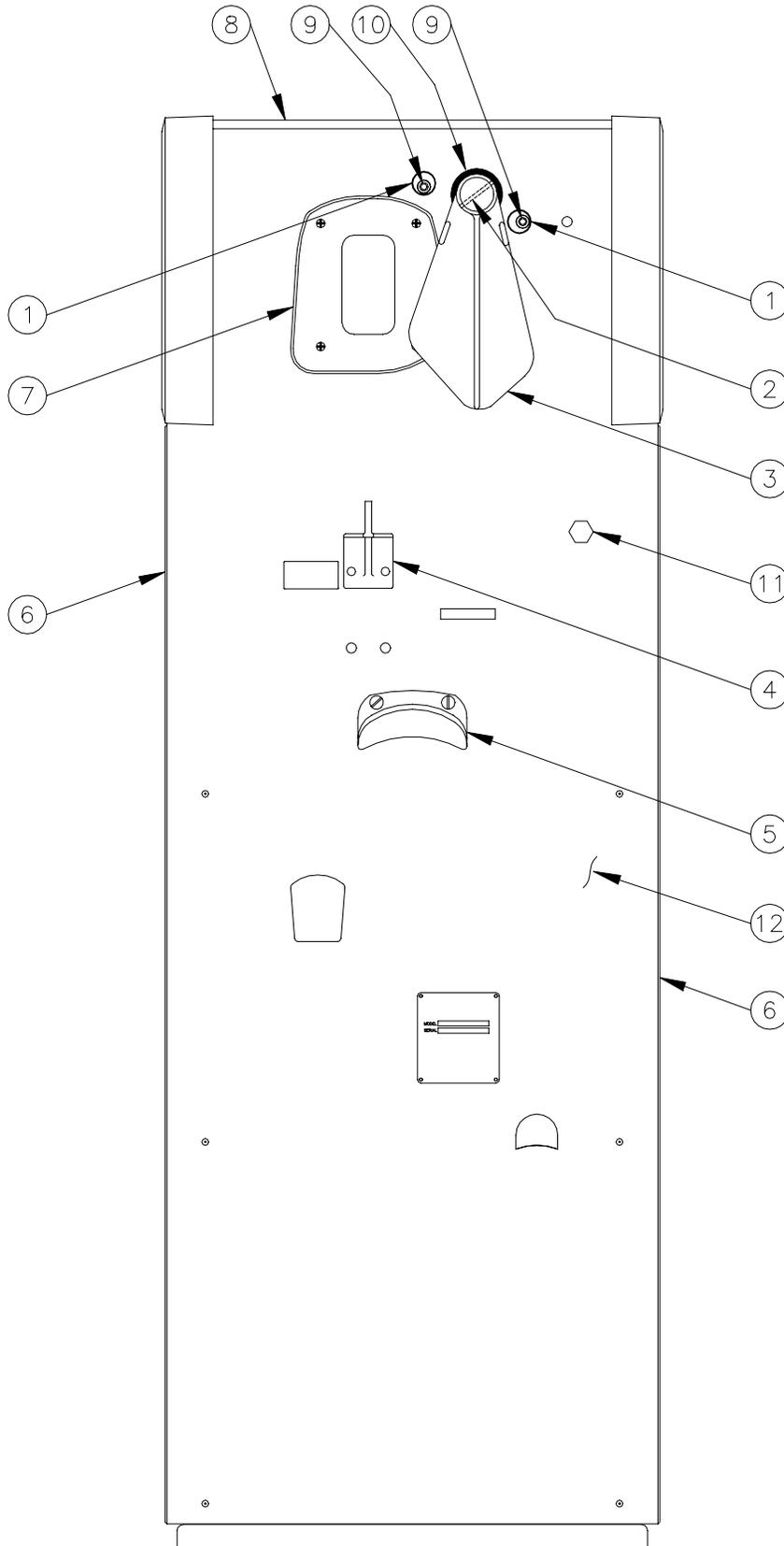


**9800A SINGLE ASSEMBLY - FRONT VIEW****Models: 9852A,9853A,9852AX, 9853AX, 9853AHC, 9850A, 9850AS, 9850AX, 9850AXS**

Item	Part No.	Description
1	025665	Dial Enclosure Assy., Aluminum Bezel See 9800A Single Dial Enclosure for parts breakdown.
	026117	Dial Enclosure Assembly, Plastic Bezel
2	028930	Grommet Discharge - 3/4" (9852A, 9852AX)
	028960	Grommet Discharge - 1" (9853A, 9853AX)
	028975	Grommet Discharge (9850A, 9850AX)
3	024955	Elbow - Discharge 3/4" (9852A, 9852AX)
	024895	Elbow - Discharge 1" (9853A, 9853AX)
	Z07941	Elbow-Discharge (9850A, 9850AX)
4	026838	Gasket, 1/4T x 1/2W x 6'
5	026839	Gasket, 1/16 x 1/2 x 12'
6	017276	Bushing, Hex, 1-1/4 x 1, (9850A, 9850AX)
7	035018	Lock and Key

**NOTE:** *Specify standard color (black, white, red). If not a standard color, specify serial number of pump/dispenser.*

9800A SINGLE ASSEMBLY - SIDE VIEW



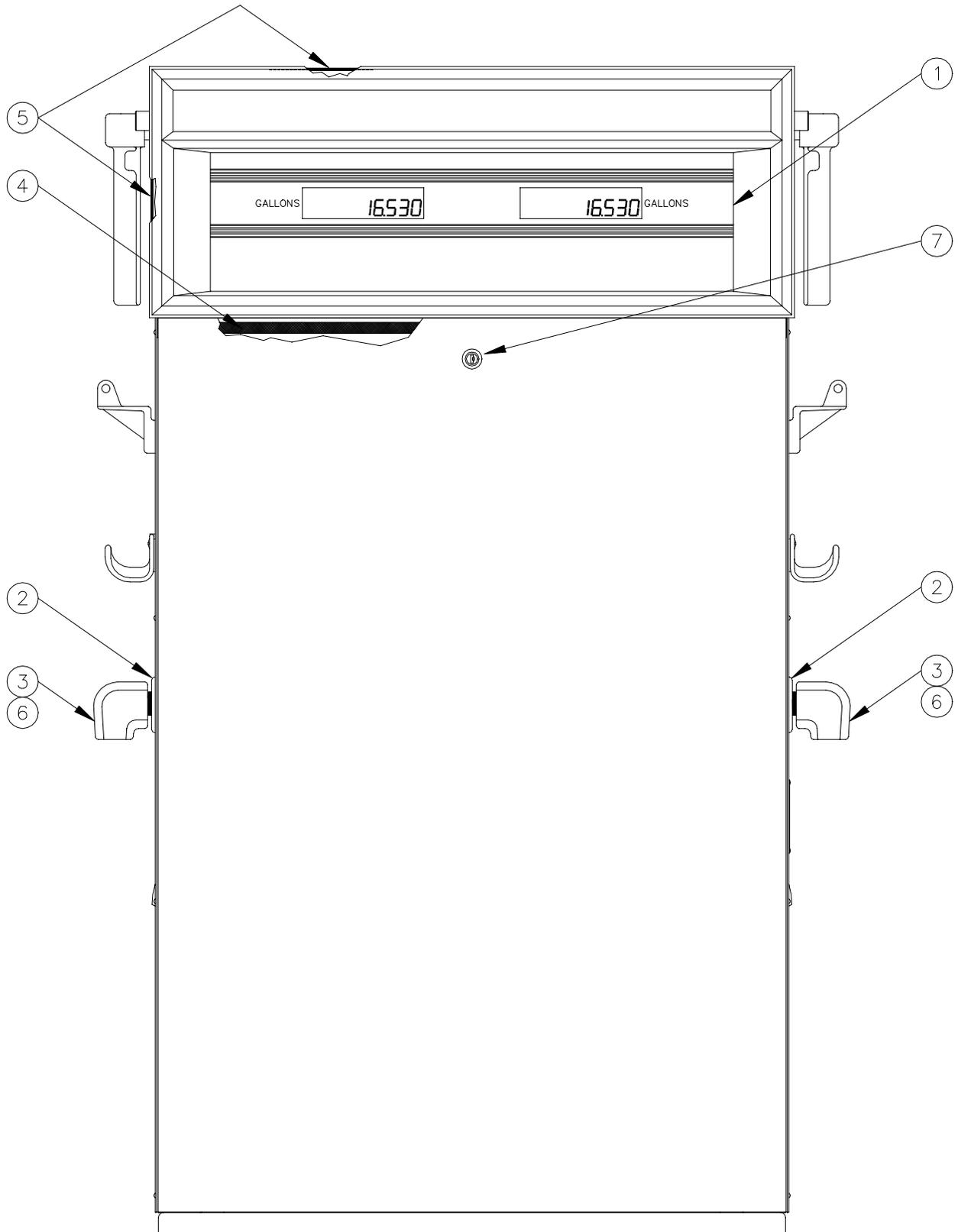
**9800A SINGLE ASSEMBLY - SIDE VIEW**

**Models: 9852A, 9853A, 9852AX, 9853AX, 9853AHC, 9850A, 9850AS, 9850AX, 9850AXS**

Item	Part No.	Description
1	063204	Stop - Eccentric
2	042657	Roll Pin P/N SZ-125-1.375 Driv-Lok Plate
3	003347	Lever, Control
4	003732	Hook-Nozzle
	003719	Hook-Nozzle, vapor recovery
5	003740	Hook-Hose
6	040740	Panel and Lock Assy., painted ( <i>See Note</i> )
	040789	Panel and Lock Assy., painted, Front Load Nozzle option ( <i>See Note</i> )
	040687	Panel and Lock Assy., stainless steel
	040792	Panel and Lock Assy., stainless steel, Front Load Nozzle option
7	003338	Boot-Nozzle
	003336	Boot-Nozzle, vapor recovery
8	022453	Cover, Top, painted ( <i>See Note</i> )
	022494	Cover, Top w/900, painted ( <i>See Note</i> )
	022452	Cover, Top, stainless steel
	022493	Cover, Top w/900, stainless steel
9	053111	Screw, 5/16-18x1 Hex Soc Cap, PI Full Thread
10	028933	Grommet, Control Lever
11	017915	Cap, Vent, mach (9850A)
	C02828	Plug Button, 5/8" (9850AX)
12	Painted Right Side Panels, Front Load Nozzle Models ( <i>See Note</i> )	
	041269	9852A, 9853A, 9852AX, 9853AX, 9853AHC
	041259	9852A, 9853A, 9852AX, 9853AX, 9853AHC, with Internal Retriever
	041288	9850A, 9850AX
	Stainless Steel Right Side Panels, Front Load Nozzle Models	
	041270	9852A, 9853A, 9852AX, 9853AX, 9853AHC
	041265	9852A, 9853A, 9852AX, 9853AX, 9853AHC, with Internal Retriever
	041289	9850A, 9850AX
	Painted Right Side Panels, Side Load Nozzle Models ( <i>See Note</i> )	
	041241	9852A, 9853A, 9852AX, 9853AX, 9853AHC
	041251	9852A, 9853A, 9852AX, 9853AX, 9853AHC, with Internal Retriever
	041245	9850A, 9850AX
	Stainless Steel Right Side Panels, Side Load Nozzle Models	
	041240	9852A, 9853A, 9852AX, 9853AX, 9853AHC
	041250	9852A, 9853A, 9852AX, 9853AX, 9853AHC, with Internal Retriever
	041244	9850A, 9850AX
13	Left Side Panels (Not Shown)	
	041124	Painted ( <i>See Note</i> )
	041123	Stainless Steel

**NOTE:** Specify standard color (black, white, red). If not a standard color, specify serial number of pump/dispenser.

**9800A TWIN ASSEMBLY – FRONT VIEW**



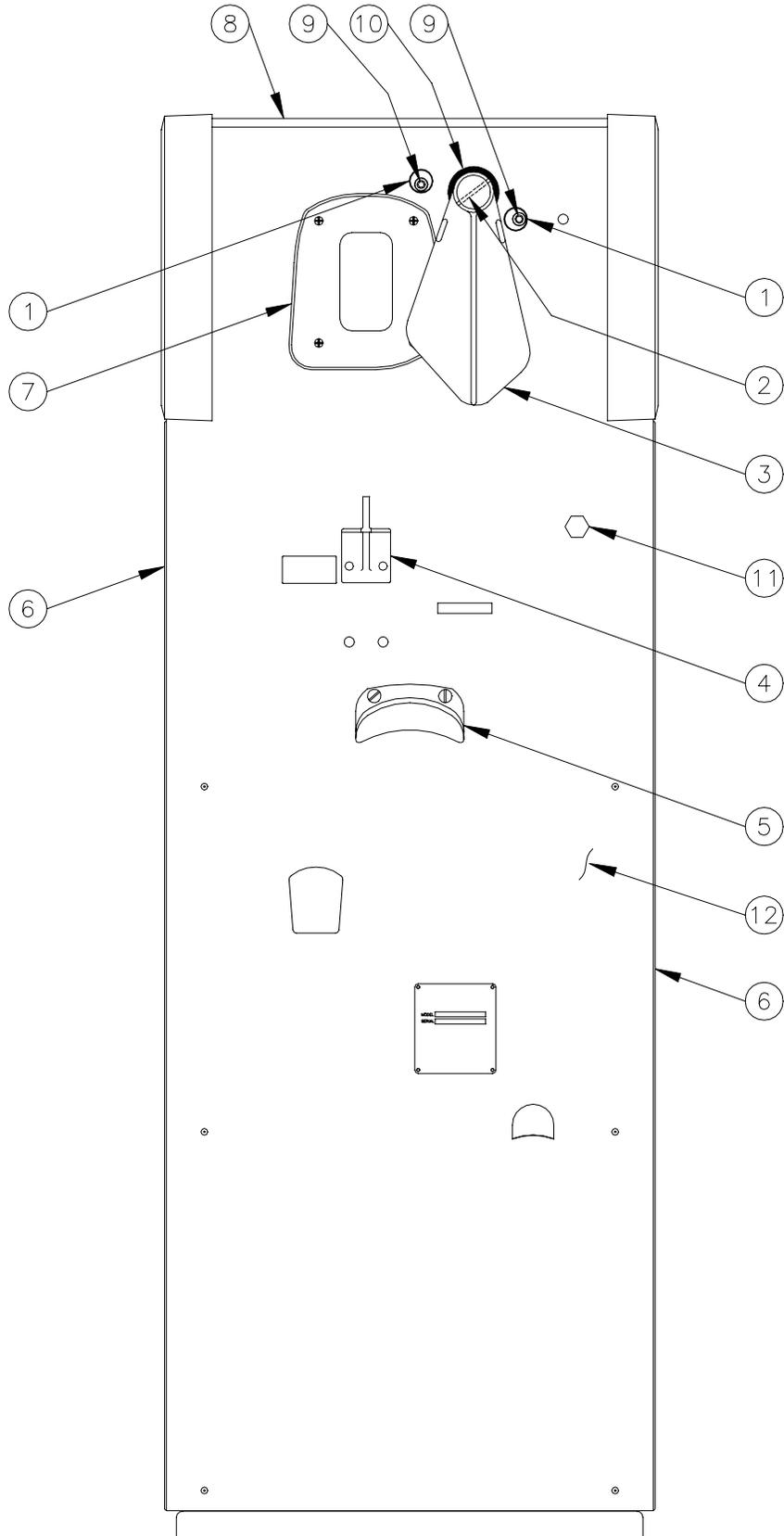
**9800A TWIN ASSEMBLY - FRONT VIEW**

**Models:** 9852ATW2, 9853ATW2, 9852ATW1, 9853ATW1M, 9852AXTW, 9853AXTW, 9850AXTW

Item	Part No.	Description
1	025666	Dial Enclosure Assy., Aluminum Bezel See 9800A Twin Dial Enclosure for parts breakdown.
	026119	Dial Enclosure Assy., Plastic Bezel
2	028930	Grommet, Discharge - 3/4"
	028960	Grommet, Discharge - 1"
	028975	Grommet, Discharge (9850AXTW)
3	024955	Elbow, Discharge - 3/4"
	024895	Elbow, Discharge - 1"
	Z07941	Elbow, Discharge (9850AXTW)
4	026838	Gasket, 1/4T x 1/2W x 6'
5	026839	Gasket, 1/16 x 1/2 x 12'
6	017276	Bushing, Hex, 1-1/4" x 1 (9850AXTW)
7	035018	Lock and Key

**NOTE:** Specify standard color (black, white, red). If not a standard color, specify serial number of pump/dispenser.

9800A TWIN ASSEMBLY - SIDE VIEW



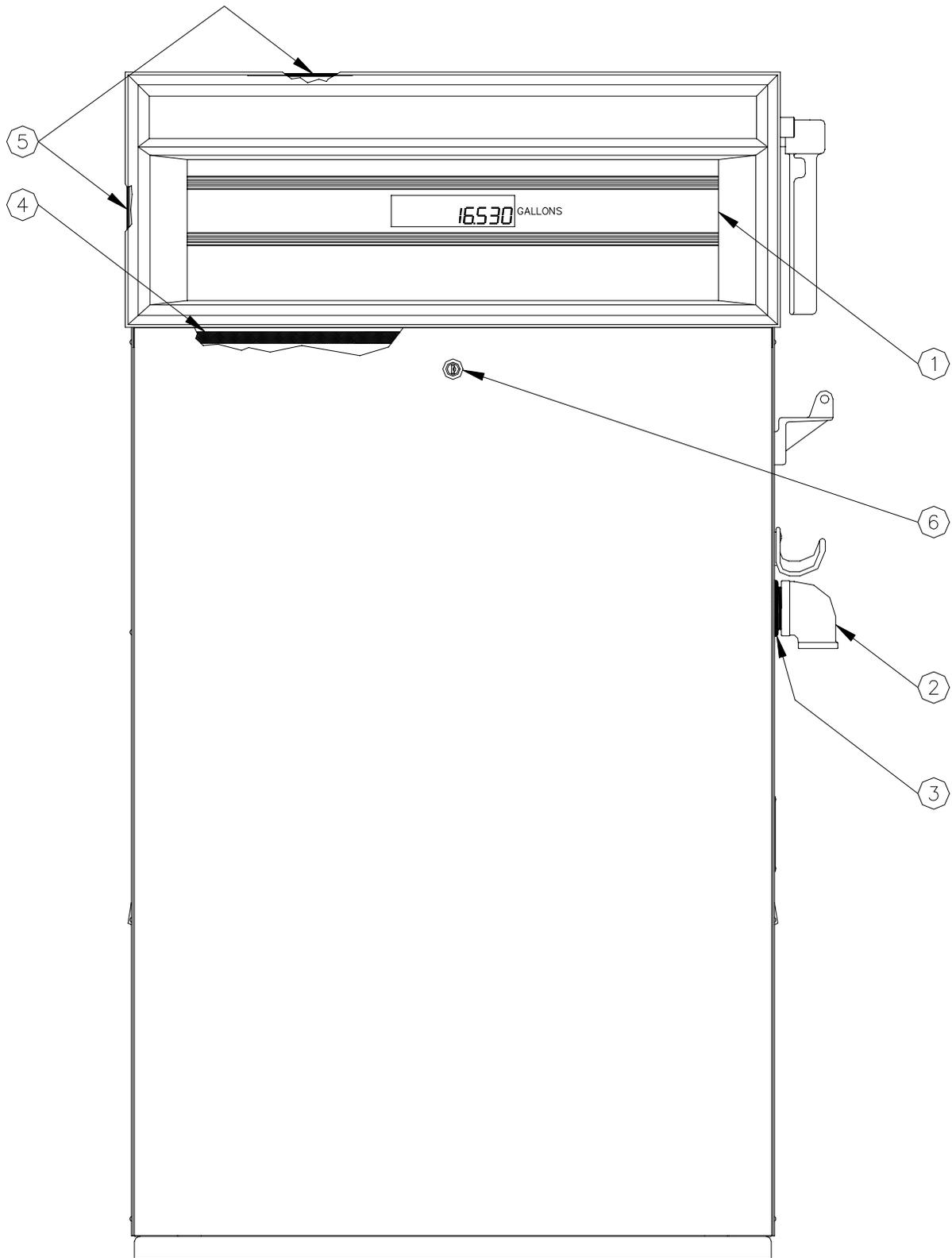
**9800A TWIN ASSEMBLY - SIDE VIEW**

**Models: 9852ATW2, 9853ATW2, 9852ATW1, 9853ATW1M, 9852AXTW, 9853AXTW, 9850AXTW**

Item	Part No.	Description
1	063204	Stop - Eccentric
2	042657	Roll Pin P/N SZ-125-1.375 Driv-Lok Plate
3	003347	Lever, Control
4	003732	Hook-Nozzle
	003719	Hook-Nozzle, vapor recovery
5	003740	Hook-Hose
6	040739	Panel and Lock Assy., painted ( <i>See Note</i> )
	040698	Panel and Lock Assy., painted, Front Load Nozzle option ( <i>See Note</i> )
	040699	Panel and Lock Assy., stainless steel
	040712	Panel and Lock Assy., stainless steel, Front Load Nozzle option
7	003338	Boot-Nozzle
	003336	Boot-Nozzle, vapor recovery
8	022455	Cover-Top painted ( <i>See Note</i> )
	022454	Cover-Top stainless steel
	022496	Cover-Top w/900, painted ( <i>See Note</i> )
	022495	Cover-Top w/900, stainless steel
9	053111	Screw, 5/16-18x1 Hex Soc Cap
10	028933	Grommet, Control Lever
11	017915	Cap, Vent, Mach (9800A)
	C02828	Plug Button, 5/8" (9800AX)
12	Painted Side Panels, Front Load Nozzle Models ( <i>See Note</i> )	
	041269	9852ATW1, 9852AXTW, 9853AXTW
	041259	9852ATW1, 9852AXTW, 9853AXTW, with Internal Retriever
	041271	9852ATW2, 9853ATW2, 9853ATW1M
	041273	9852ATW2, 9853ATW2, 9853ATW1M, with Internal Retriever
	041292	9850AXTW
	Stainless Steel Side Panels, Front Load Nozzle Models	
	041270	9852ATW1, 9852AXTW, 9853AXTW
	041265	9852ATW1, 9852AXTW, 9853AXTW, with Internal Retriever
	041272	9852ATW2, 9853ATW2, 9853ATW1M
	041274	9852ATW2, 9853ATW2, 9853ATW1M, with Internal Retriever
	041293	9850AXTW
	Painted Side Panels, Side Load Nozzle Models ( <i>See Note</i> )	
	041241	9852ATW1, 9852AXTW, 9853AXTW
	041251	9852ATW1, 9852AXTW, 9853AXTW, with Internal Retriever
	041243	9852ATW2, 9853ATW2, 9853ATW1M
	041253	9852ATW2, 9853ATW2, 9853ATW1M, with Internal Retriever
	041255	9850AXTW
	Stainless Steel Side Panels, Side Load Nozzle Models	
	041240	9852ATW1, 9852AXTW, 9853AXTW
	041250	9852ATW1, 9852AXTW, 9853AXTW, with Internal Retriever
	041242	9852ATW2, 9853ATW2, 9853ATW1M
	041252	9852ATW2, 9853ATW2, 9853ATW1M, with Internal Retriever
	041254	9850AXTW

**NOTE:** Specify standard color (black, white, red). If not a standard color, specify serial number of pump/dispenser.

**9840A ASSEMBLY - FRONT VIEW**



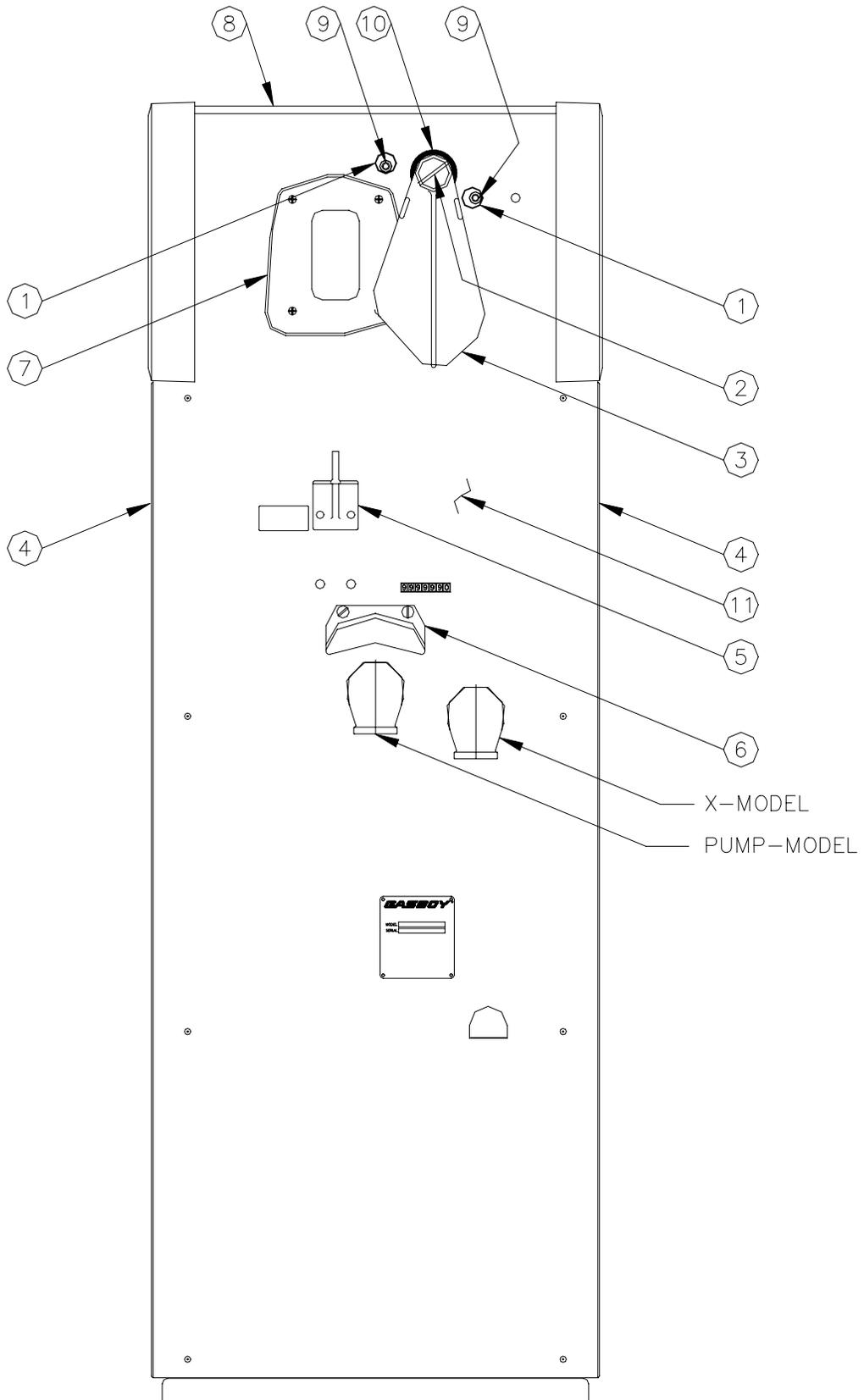
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## 9840A ASSEMBLY - FRONT VIEW

Item	Part No.	Description
1	025697	Dial Enclosure Assy.
2	Z07941	Elbow Discharge
	017171	Elbow Discharge w/o Valve
3	028976	Grommet Discharge
4	026838	Gasket, 1/4T x 1/2W x 6'
5	026839	Gasket, 1/16 x 1/2 x 12'
6	035018	Lock and Key

*NOTE: Specify standard color (black, white, red). If not a standard color, specify serial number of pump/dispenser.*

**9840A ASSEMBLY - SIDE VIEW**

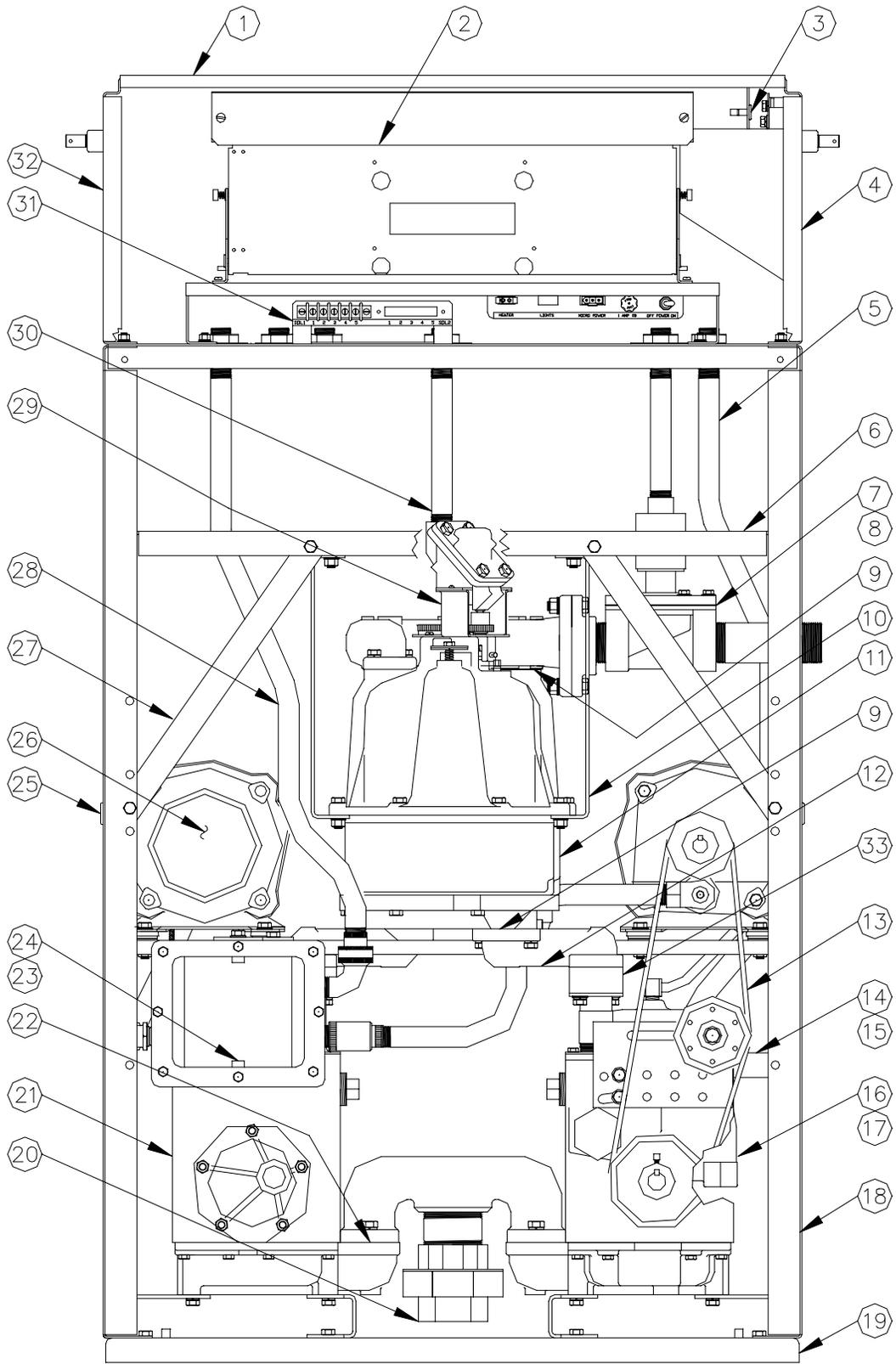


**9840A ASSEMBLY - SIDE VIEW**

Item	Part No.	Description
1	063204	Stop, Eccentric
2	042657	Roll Pin P/N SZ-125-1.375 Driv-Lok Plate
3	003347	Lever, Control
4	Front Panel and Lock Assembly	
	040739	Painted, Side Load Option (See Note)
	040698	Painted, Front Load Option, discharge side (See Note)
	040699	Stainless Steel, Side Load Option
	040712	Stainless Steel, Front Load Option, discharge side
5	003732	Hook-Nozzle
6	003740	Hook-Hose
7	003338	Boot-Nozzle
8	022447	Cover-Top painted weld (See Note)
9	053111	Screw, 5/16-18x1 Hex Soc Cap, PI Full Thread
10	028933	Grommet, Control Lever
11	Side Panel, Painted, Side Load (See Note)	
	041072	9840
	041074	9840X
	Side Panel, Painted, Front Load (See Note)	
	041277	9840
	041278	9840X
	Side Panel, Stainless Steel, Side Load	
	041071	9840
	041073	9840X
	Side Panel, Stainless Steel, Front Load	
	041279	9840
	041287	9840X
12	Left Side Panels (Not Shown)	
	041058	Painted (See Note)
	041057	Stainless Steel

**NOTE:** Specify standard color (black, white, red). If not a standard color, specify serial number of pump/dispenser.

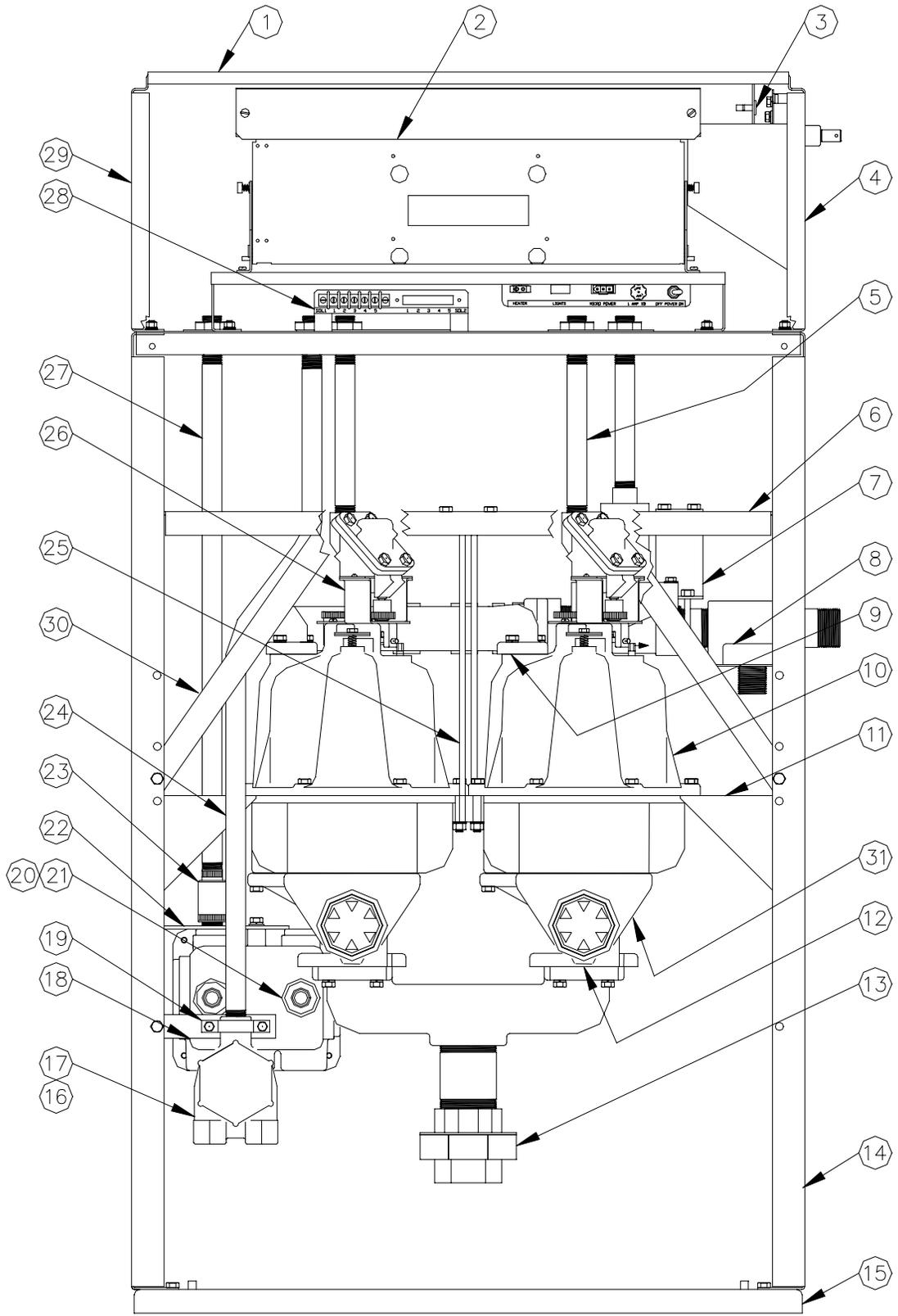
9840A CHASSIS



## 9840A CHASSIS

Item	Part No.	Description
1	026300	Frame, Top
2		Platform Assembly <i>(See breakdown for your model; Specify serial number of your pump)</i>
3		Plate Bearing Assembly <i>(See breakdown for your model)</i>
4	026998	Frame, Top side weld
	026783	Frame, Top side weld, Front Load Nozzle option
5	069859	Conduit, Assy., DC
	069847	Conduit, Assy., DC, w/900
6	063978	Support, Meter weld
7		Discharge Assy. <i>(See breakdown for your model)</i>
8	015069	Bracket, Discharge Support
9	027004	Gasket
10	015126	Bracket, Meter Support
11		Meter Assembly <i>(See breakdown for your model)</i>
12	015059	Manifold
13	012163	Belt, 4L370-A35, 60 Hz. units
	012164	Belt, 4L390-A37, 50 Hz. units built after serial number: 486406
14	015605	Bracket, Weld Assy.
15	020740	Clamp, Junction Box
16	003337	Junction Box, Mchng
17	003461	Junction Box, Cover, Mchng
18	026782	Frame, Side Lower
19	022314	Base Weld Assy.
20	035162	Manifold Assy., <i>(See breakdown for your model)</i>
21	048773	Pumping Assy., <i>(See breakdown for your model)</i>
22	027001	Gasket, Pump Inlet
23	003116	AC Junction Box
24	003117	AC Junction Box Cover
25	058021	Grommet
26		Motor Assy., <i>(See breakdown for your model)</i>
27	015514	Column Brace
28	069858	Conduit Assy., AC
	069694	Conduit Assy., AC, 380V
29		Gear Train Assy <i>(See <b>Meter Assembly</b> breakdown)</i>
30	069860	Conduit, Pulser Assy.
	*013078	Optical Encoder
31	C06517	Cable/Bracket Assembly, Single
32	026783	Frame, Top Side
33		Flange Assembly <i>(See <b>Flange Assembly</b> breakdown)</i>

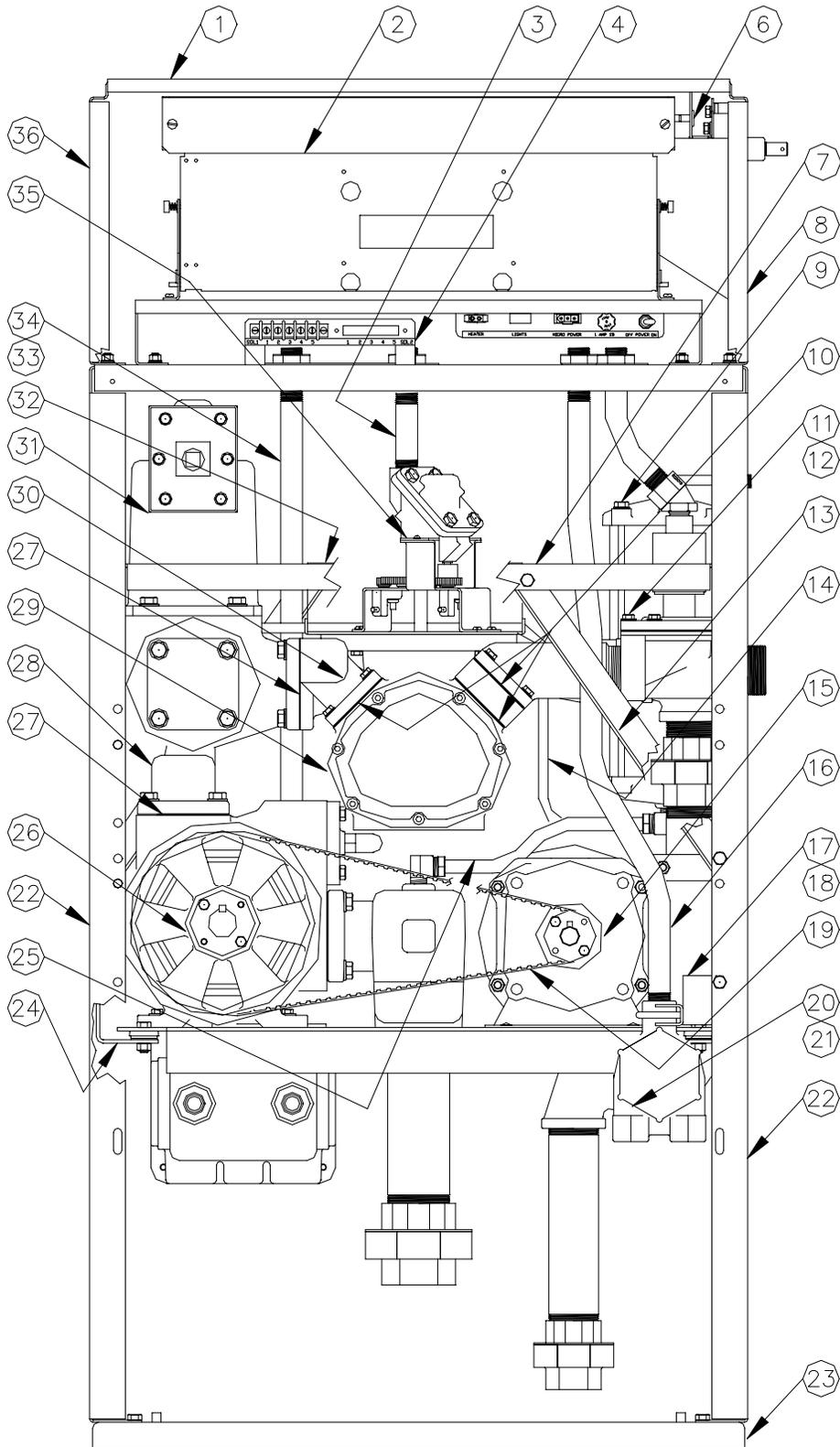
### 9840X CHASSIS



## 9840X CHASSIS

Item	Part No.	Description
1	026300	Frame, Top
2		Platform Assembly <i>(See breakdown for your model; Specify serial number of your pump)</i>
3		Plate Bearing Assembly <i>(See breakdown for your model)</i>
4	026998	Frame, Top side weld
	026783	Frame, Top side weld, Front Load Nozzle option
5	069860	Conduit, Pulser Assy.
	*013078	Optical Encoder
6	022449	Column, Register Assy.
7	015988	Bracket, Discharge
8		Discharge Assy., <i>(See breakdown for your model)</i>
9	027004	Gasket
10		Meter Assy., <i>(See breakdown for your model)</i>
11	015523	Bracket, Meter Support
12	027005	Gasket
13	035161	Manifold Assy., <i>(See breakdown for your model)</i>
14	026782	Frame, Side Lower
15	022314	Base Weld Assy.
16	003337	Junction Box., Mchng
17	003461	Junction Box, Cover, Mchng
18	015605	Bracket, Weld Assy.
19	020740	Clamp, Junction Box
20	003157	AC Junction Box
21	003117	AC Junction Box Cover
22	014781	Bracket, AC Box Mounting
23	066400	1/2" UNY Explosion-proof Cond Union
24	069857	Conduit Assy., DC
	069846	Conduit Assy., DC w/900
25	015453	Bracket, Meter Mounting
26		Gear Train Assy. <i>(See <b>Meter Assembly</b> breakdown for your model)</i>
27	069856	Conduit Assy., AC
28	C06517	Cable/Bracket Assembly, Single
29	026783	Frame, Top Side
30	015514	Column Brace
31		Strainer Body/Check Valve Assy. <i>(See breakdown)</i>

### 9850A CHASSIS

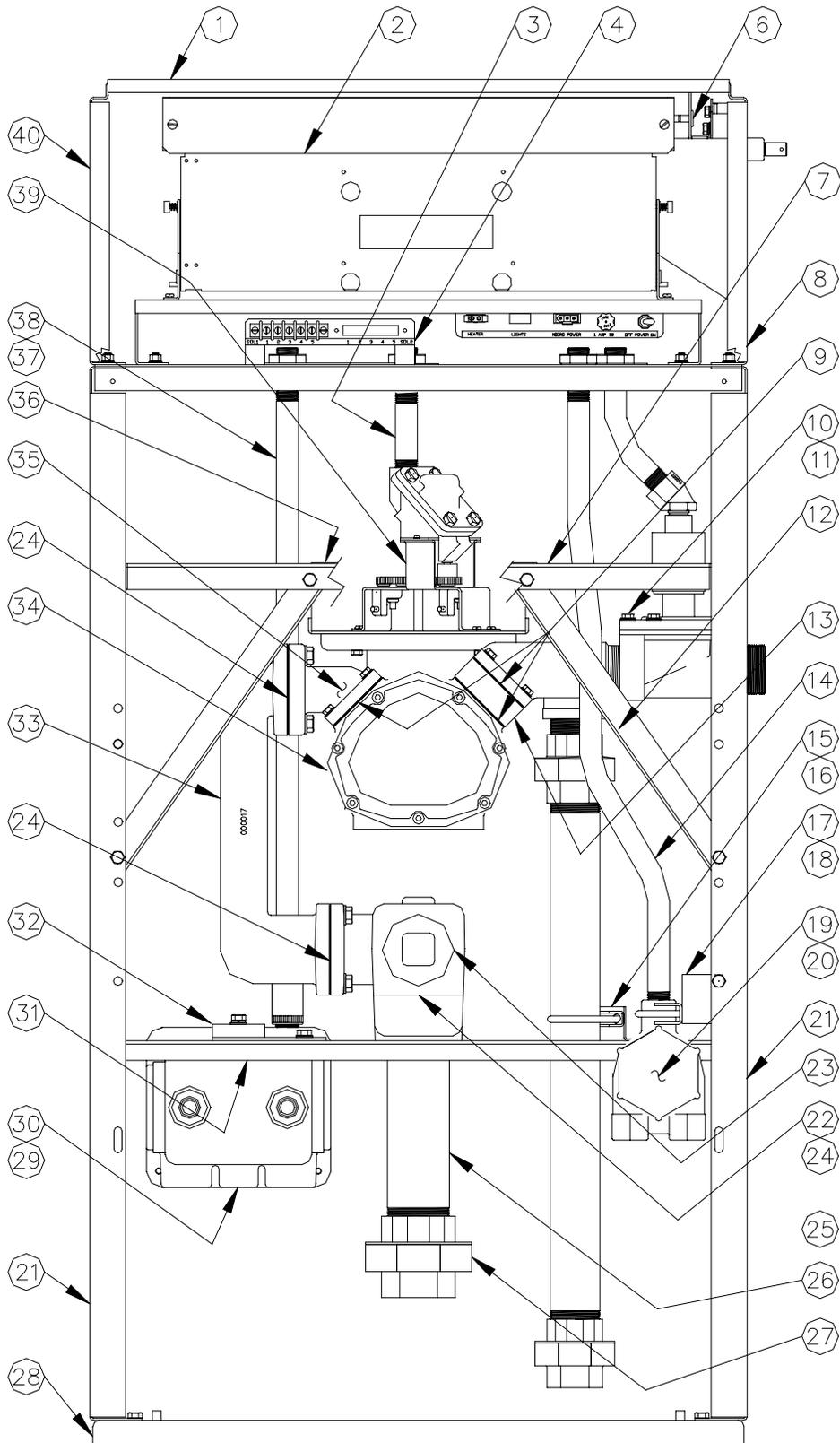


## 9850A CHASSIS

Item	Part No.	Description
1	026301	Frame, Top
2		Platform Assy., (See breakdown for your model)
3	070097	Conduit, Pulser Assy.
	070096	Conduit, Pulser Assy. (See Note)
	*013078	Optical Encoder (subpart of above two assemblies)
4	C06517	Cable/Bracket Assembly, Single
6		Plate-Bearing Assy., (See breakdown for your model)
7	022448	Column Register Assy.
8	026998	Frame, Top Side Weld
	026183	Frame, Top Side Weld, Front Load option
9		Float Assy., 9850A, 9850AS (See breakdown for your model)
10	027362	Gasket, Flange, 1-1/2"
11		Discharge Assy. (See breakdown for your model)
12	015787	Discharge Bracket, 9850A
13	015514	Column Brace
14	065772	Tube Assy, Supply
15		Motor Assy. (See breakdown for your model)
16	069883	Conduit Assy., DC
	067052	Conduit Assy., DC, units built prior to serial number 480214
	069884	Conduit Assy., DC w/900
	067053	Conduit Assy., DC w/900, units built prior to serial number 480214
17	015815	Bracket, J-Box
18	013295	U-Bolt, 1-3/8
19	012129	Belt, Gearbelt 420L100
20	003337	Junction Box., Mchng
21	003461	Junction Box, Cover, Mchng
22	026782	Frame Side Lower
23	022321	Base Weld Assy.
24	015762	Bracket, Pump and Motor Support
25	065771	Tube Assy., Return
26		Pumping Unit Assy., 9850A (See breakdown)
27	027361	Gasket, Flange, 2"
28	003602	Elbow, Pump to Air Separator
29		Meter Assy. (See breakdown <b>Meter Assembly</b> )
30	003603	Elbow, Air EI to Meter
31		Air Separator Assy. (See breakdown)
32	047090	Platform, Meter
	037002	Platform/Shaft Assy. (See Note)
33	069887	Conduit Assy., AC
34	066400	1/2 UNY Explosion-proof Conduit Union
35		Gear Train Assy. (See <b>Meter Assembly</b> breakdown for your model)
36	026783	Frame, Top Side

**NOTE:** Order this part for units built after serial number: 472238. Serial number is found on the UL nameplate on the side of the unit.

### 9850AX CHASSIS

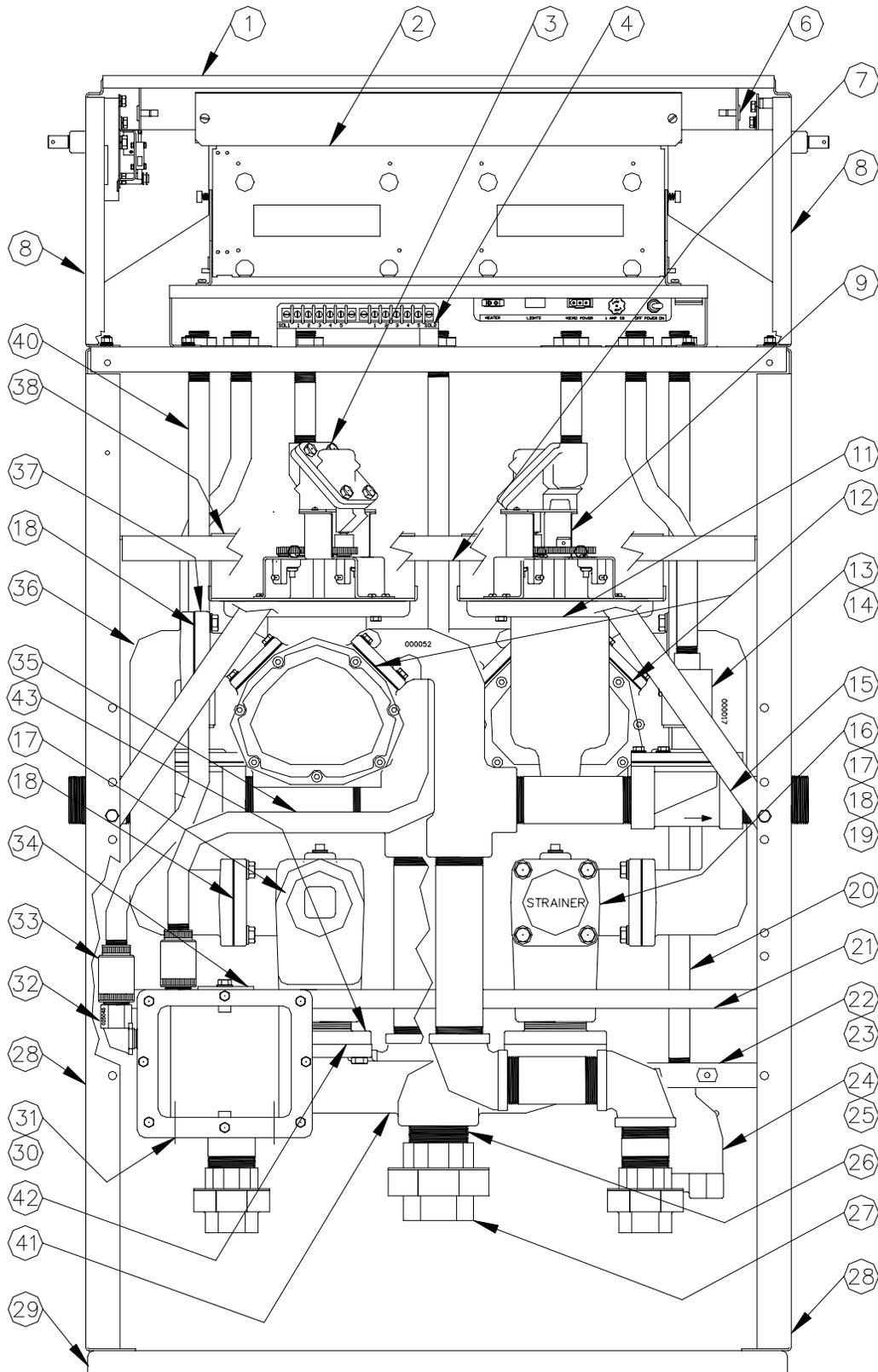


**9850AX CHASSIS**

Item	Part No.	Description
1	026301	Frame, Top
2		Platform Assy., (See breakdown for your model)
3	070097	Conduit, Pulser Assy.
	070096	Conduit, Pulser Assy. (See Note)
	*013078	Optical Encoder (subpart of above two assemblies)
4	C06517	Cable/Bracket Assembly, Single
6		Plate-Bearing Assy., (See breakdown for your model)
7	022448	Column Register Assy.
8	026998	Frame, Top Side Weld
	026783	Frame, Top Side Weld, Front Load Nozzle option
9	027362	Gasket, Flange, 1-1/2"
10		Discharge Assy. (See breakdown for your model)
11	015787	Discharge Bracket, 9850A
12	015514	Column Brace
13	012003	Body, Check Valve
14	069883	Conduit Assy., DC
	067052	Conduit Assy., DC, units built prior to serial number 480214
	069884	Conduit Assy., DC w/900
	067053	Conduit Assy., DC w/900, units built prior to serial number 480214
15	014733	Bracket, Sat. Pipe
16	013294	U-Bolt, 1-3/4"
17	015815	Bracket, J-Box
18	013295	U-Bolt, 1-3/8
19	003337	Junction Box., Mchng
20	003461	Junction Box, Cover, Mchng
21	026782	Frame Side Lower
22	003071	Strainer Housing
23	063369	Strainer
24	027361	Gasket, Flange, 2"
25	003502	Cover, Strainer
26	044942	Pipe, TBE, 2 x 6
27	066386	Union, 2"
28	022321	Base Weld Assy.
29	003156	AC J-Box
30	003117	AC J-Box Cover
31	047239	Platform, Strainer
32	014839	Bracket, AC JBox
33	003017	Manifold, Strainer to Meter
34		Meter Assy. (See breakdown <b>Meter Assembly</b> )
35	026082	Elbow, Fl, 1-1/2" x 45o
36	040790	Platform, Meter
	037002	Platform/Shaft Assy. (See Note)
37	069888	Conduit Assy., AC
38	066400	1/2 UNY Explosion-proof Conduit Union
39		Gear Train Assy. (See breakdown <b>Meter Assembly</b> for your model)
40	026783	Frame, Top Side

**NOTE:** Order this part for units built after serial number: 472238. Serial number is found on the UL nameplate on the side of the unit.

### 9850AXTW1 CHASSIS

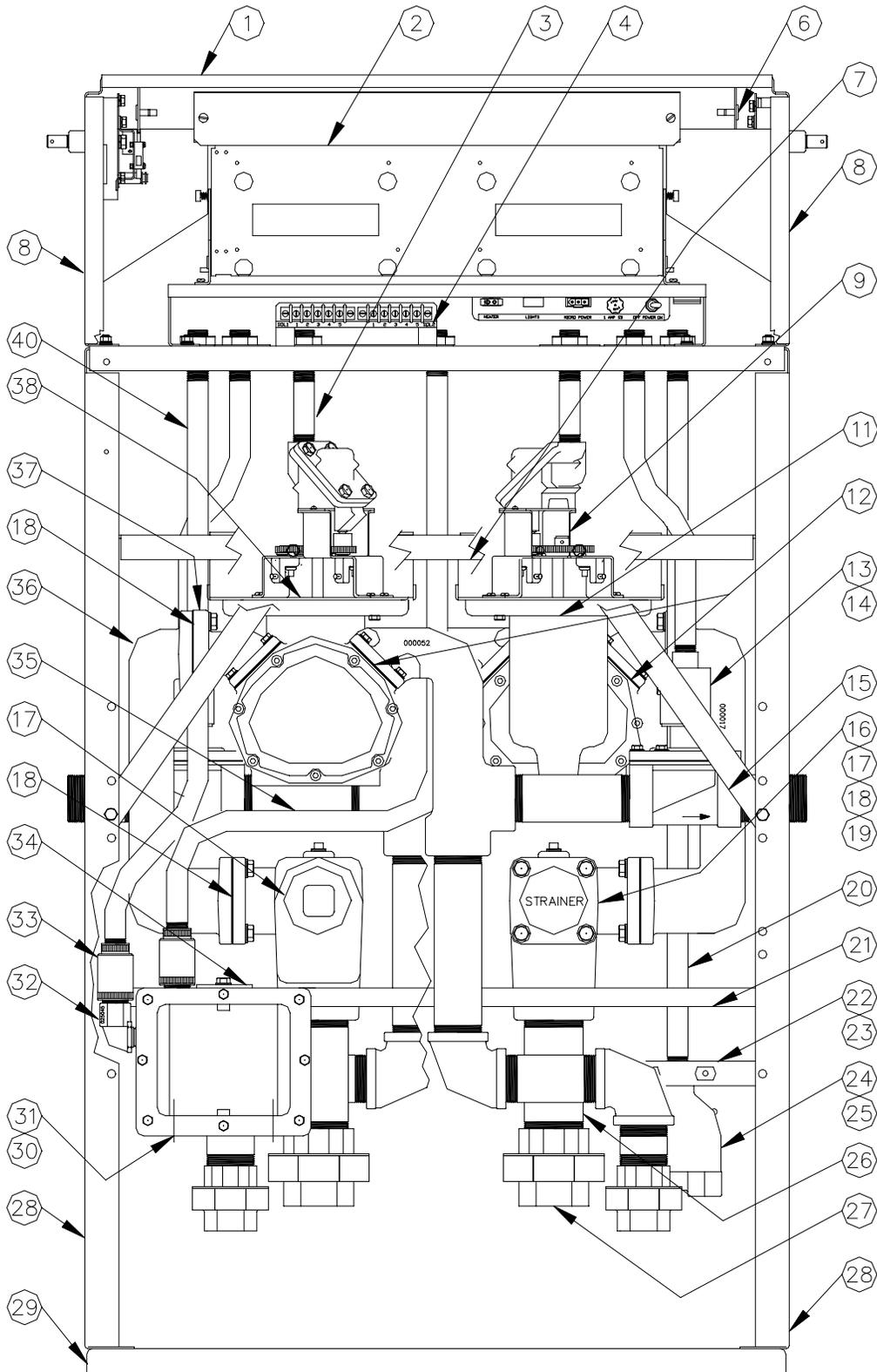


**9850AXTW1 CHASSIS**

Item	Part No.	Description
1	026300	Frame, Top
2		Platform Assy., (See breakdown for your model)
3	070097	Conduit, Pulser Assy.
	070096	Conduit, Pulser Assy. (See Note)
	*013078	Optical Encoder (subpart of above two assemblies)
4	C06518	Cable/Bracket Assembly, Twin
6		Plate-Bearing Assy., (See breakdown for your model)
7	022449	Column Register Assy.
8	026998	Frame, Top Side Weld
	026783	Frame, Top Side Weld, Front Load Nozzle option
9		Gear Train Assy. (See breakdown <b>Meter Assembly</b> )
11		Meter Assy. (See breakdown <b>Meter Assembly</b> )
12	027362	Gasket, Flange, 1-1/2"
13		Discharge Assy. (See breakdown for your model)
14	015787	Discharge Bracket, 9850A
15	015514	Column Brace
16	003071	Strainer Housing
17	063369	Strainer
18	027361	Gasket, Flange, 2"
19	003502	Cover, Strainer
20	069885	Conduit Assy., DC
	069886	Conduit Assy., DC w/900
21	047228	Platform, Strainer
22	015605	Bracket Weld Assy.
23	020740	Clamp, J-Box
24	003337	Junction Box, Mach
25	003461	Junction Box Cover, Mach
26	038065	Pipe, TBE, 2x2 Close Nipple
27	066386	Union, 2"
28	026782	Frame, Side Lower
29	022314	Base Weld Assy.
30	003156	AC J-Box
31	003117	AC J-Box Cover
32	025045	Elbow, Conduit, 1/2 x 90o
33	066400	1/2 UNY Explosion Proof Conduit Union
34	014837	Bracket, AC J-Box, 9850A
35	070098	Conduit Assy., AC-1, 9850AXTW
36	003017	Manifold, Strainer to Meter
37	026082	Elbow, Flange, 1-1/2 x 45o
38	047090	Platform, Meter
	037002	Platform/Shaft Assy. (See Note)
40	070099	Conduit Assy., AC-2, 9850AXTW
41	003018	Manifold, Strainer 9850AXTW1
42	027005	Gasket
43	026205	Flange, Mach, 9850AXTW1

**NOTE:** Order this part for units built after serial number: 472238. Serial number is found on the UL nameplate on the side of the unit.

### 9850AXTW2 CHASSIS

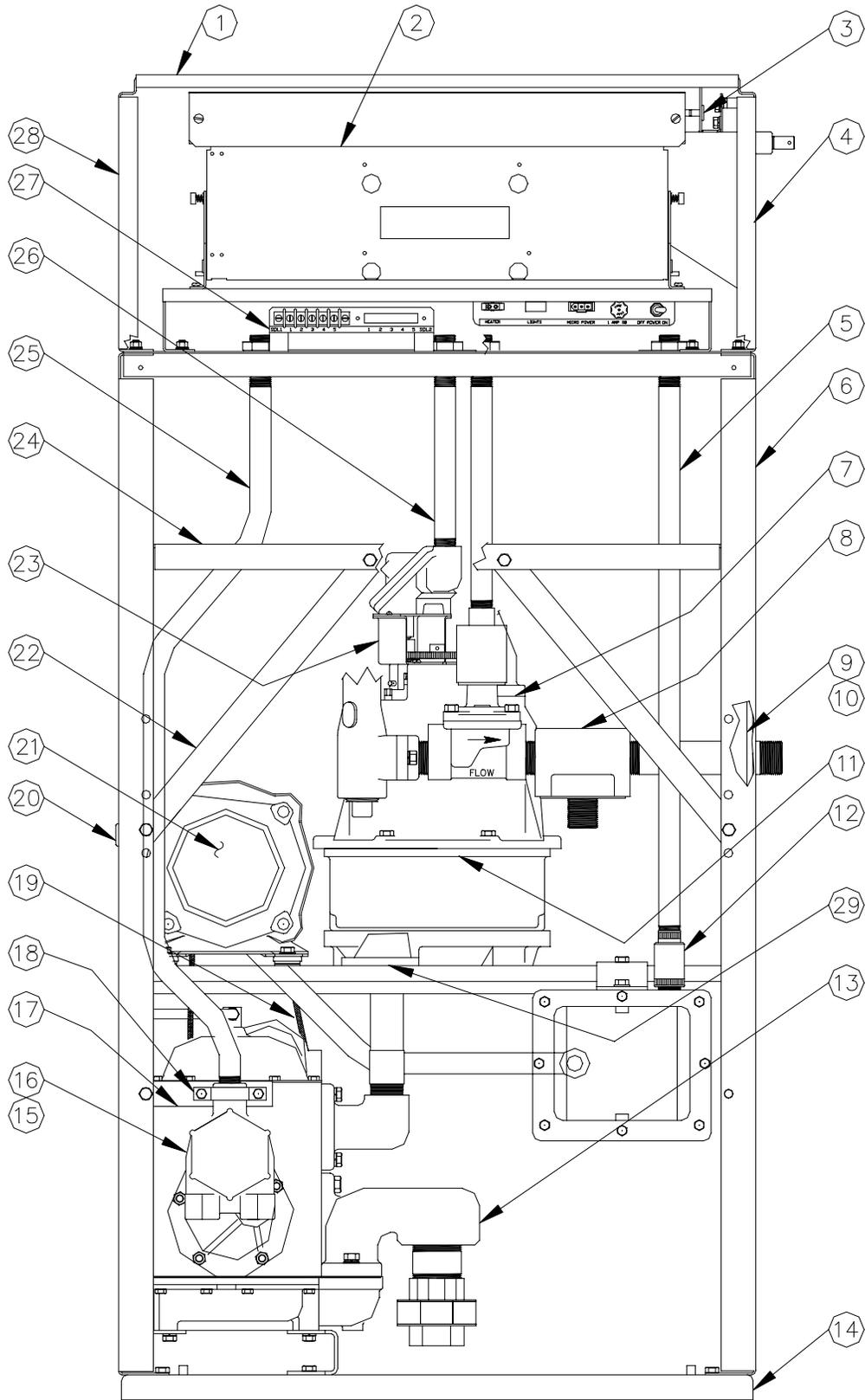


## 9850AXTW2 CHASSIS

Item	Part No.	Description
1	026300	Frame, Top
2		Platform Assy., (See breakdown for your model)
3	070097	Conduit, Pulser Assy.
	070096	Conduit, Pulser Assy. (See Note)
	*013078	Optical Encoder (subpart of above two assemblies)
4	C06518	Cable/Bracket Assembly, Twin
6		Plate-Bearing Assy., (See breakdown for your model)
7	022449	Column Register Assy.
8	026998	Frame, Top Side Weld
	026783	Frame, Top Side Weld, Front Load Nozzle option
9		Gear Train Assy. (See breakdown <b>Meter Assembly</b> for your model)
11		Meter Assy. (See breakdown <b>Meter Assembly</b> )
12	027362	Gasket, Flange, 1-1/2"
13		Discharge Assy. (See breakdown for your model)
14	015787	Discharge Bracket, 9850A
15	015514	Column Brace
16	003071	Strainer Housing
17	063369	Strainer
18	027361	Gasket, Flange, 2"
19	003502	Cover, Strainer
20	069885	Conduit Assy., DC
	069886	Conduit Assy., DC w/900
21	047228	Platform, Strainer
22	015605	Bracket Weld Assy.
23	020740	Clamp, J-Box
24	003337	Junction Box, Mach
25	003461	Junction Box Cover, Mach
26	044942	Pipe, TBE, 2x6
27	066386	Union, 2"
28	026782	Frame, Side Lower
29	022314	Base Weld Assy.
30	003156	AC J-Box
31	003117	AC J-Box Cover
32	025045	Elbow, Conduit, 1/2 x 90o, M/F
33	066400	1/2 UNY Explosion Proof Conduit Union
34	014837	Bracket, AC J-Box, 9850A
35	070098	Conduit Assy., AC-1, 9850AXTW
36	003017	Manifold, Strainer to Meter
37	026082	Elbow, Flange, 1-1/2 x 45o
38	047090	Platform, Meter
	037002	Platform/Shaft Assy. (See Note)
40	070099	Conduit Assy., AC-2, 9850AXTW

**NOTE:** Order this part for units built after serial number: 472238. Serial number is found on the UL nameplate on the side of the unit.

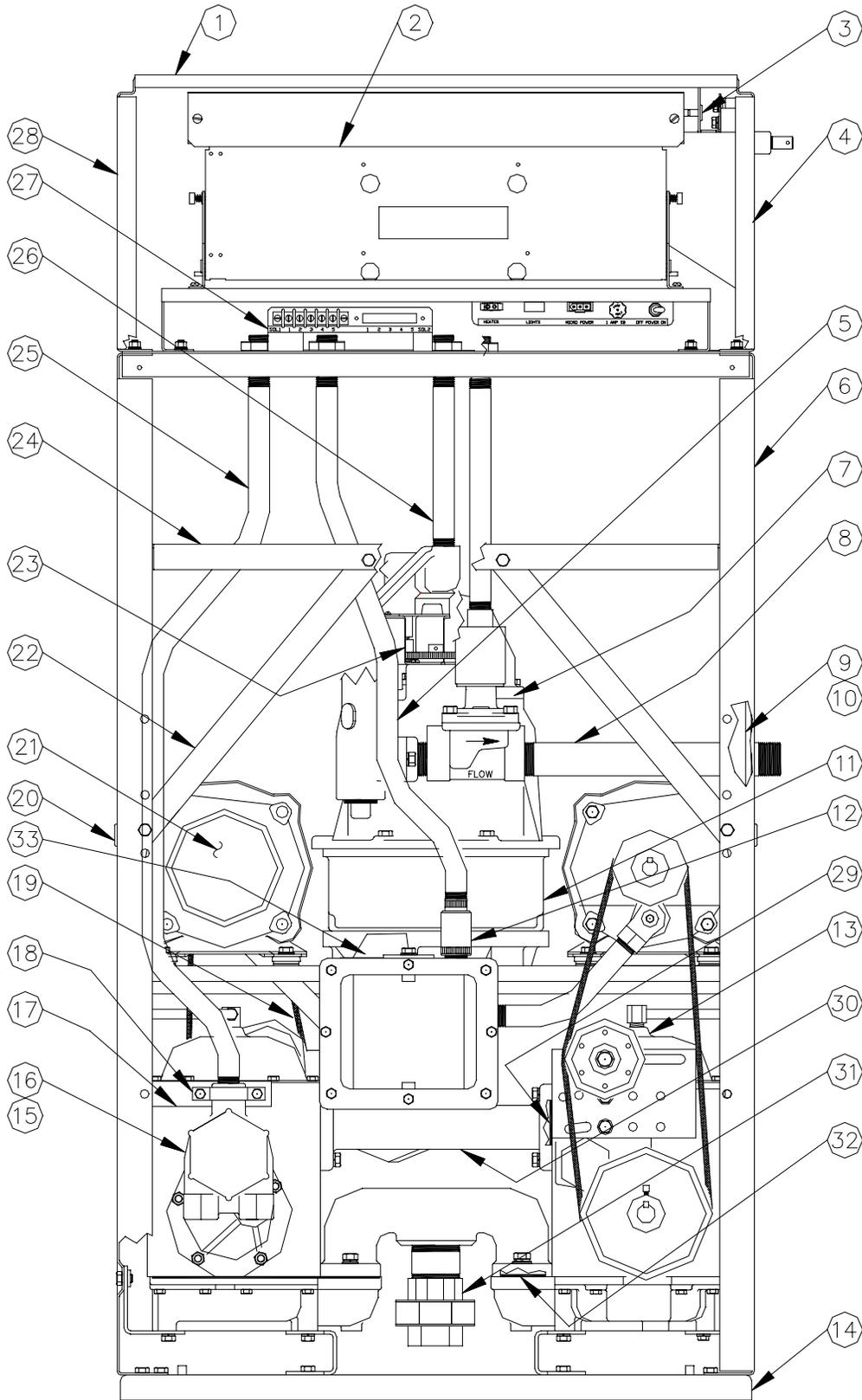
9852A, 9853A CHASSIS



**9852A, 9853A CHASSIS**

Item	Part No.	Description
1	026301	Frame, Top
2		Platform Assy., (See <i>breakdown for your model</i> )
3		Plate-Bearing Assy., (See <i>breakdown for your model</i> )
4	026998	Frame, Top Side Weld
	026783	Frame, Top Side Weld, Front Load Nozzle option
5	069844	Conduit Assy., AC
	069690	Conduit Assy., AC, 380V
6	026782	Frame Side Lower
7	027004	Gasket
8		Discharge Assy. (See <i>breakdown for your model</i> )
9	015478	Discharge Bracket, Inner
10	015479	Discharge Bracket, Outer
11		Meter Assy. (See <i>breakdown <b>Meter Assembly</b></i> )
12	066400	1/2 UNY Explosion-proof Conduit Union
13	048740	Pumping Unit Assy., 9852A (See <i>breakdown</i> )
	048738	Pumping Unit Assy., 9853A (See <i>breakdown</i> )
14	022321	Base Weld Assy.
15	003337	Junction Box., Mchng
16	003461	Junction Box, Cover, Mchng
17	015605	Bracket, Weld Assy.
18	020740	Clamp, Junction Box
19	012164	Belt, Vee, A37, 9852A, 50 Hz.
	012122	Belt, Vee, A36, 9853A 60 Hz., 9852A 60 Hz., 9853A 50 Hz.
20	058021	Grommet
21	037349	Motor Assy. (See <i>breakdown <b>9800A Motor</b></i> )
22	015514	Column Brace
23		Gear Train Assy. (See <i><b>Meter Assembly</b> breakdown for your model</i> )
24	022448	Column Register Assy.
25	069859	Conduit Assy., DC
	069847	Conduit Assy., DC w/900
26	069860	Conduit, Pulser Assy.
	*013078	Optical Encoder
27	C06517	Cable/Bracket Assembly, Single
28	026783	Frame, Top Side
29		Flange Assembly (See <i><b>Flange Assembly</b> breakdown</i> )

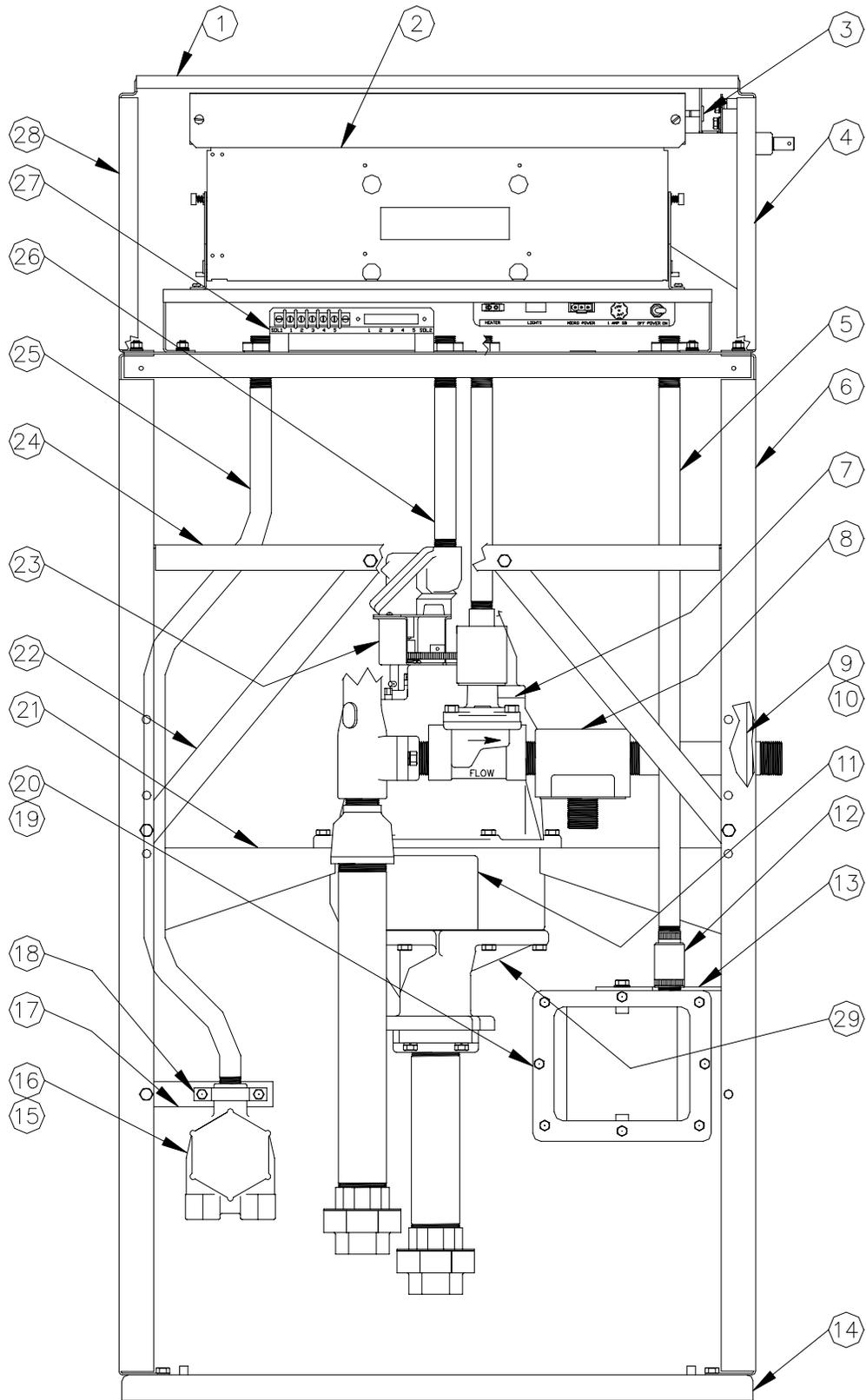
### 9853AHC CHASSIS



**9853AHC CHASSIS**

Item	Part No.	Description
1	026301	Frame, Top
2		Platform Assy., (See <i>breakdown for your model</i> )
3		Plate-Bearing Assy., (See <i>breakdown for your model</i> )
4	026998	Frame, Top Side Weld
	026783	Frame, Top Side Weld, Front Load Nozzle option
5	069849	Conduit Assy., AC
	069691	Conduit Assy., AC, 380V
6	026782	Frame Side Lower
7	027004	Gasket
8		Discharge Assy. (See <i>breakdown for your model</i> )
9	015478	Discharge Bracket, Inner
10	015479	Discharge Bracket, Outer
11		Meter Assy. (See <i>breakdown <b>Meter Assembly</b></i> )
12	066400	1/2 UNY Explosion-proof Conduit Union
13	048765	Pumping Unit Assy., (See <i>breakdown</i> )
14	022321	Base Weld Assy.
15	003337	Junction Box., Mchng
16	003461	Junction Box, Cover, Mchng
17	015605	Bracket, Weld Assy.
18	020740	Clamp, Junction Box
19	012122	Belt, Vee, A36, 9853A
20	058021	Grommet
21	037350	Motor Assy., 60 HZ., (See <i>breakdown <b>9800A Motor</b></i> )
	037348	Motor Assy., 50 HZ., (See <i>breakdown <b>9800A Motor</b></i> )
22	015514	Column Brace
23		Gear Train Assy. (See <i><b>Meter Assembly</b> breakdown for your model</i> )
24	022448	Column Register Assy.
25	069859	Conduit Assy., DC
	069847	Conduit Assy., DC w/900
26	069860	Conduit, Pulser Assy.
	*013078	Optical Encoder
27	C06517	Cable/Bracket Assembly, Single
28	026783	Frame, Top Side
29	027003	Gasket
30	024313	Pump Discharge Assy., (See <i>breakdown for your model</i> )
31	035291	Manifold Assy., (See <i>breakdown for your model</i> )
32	027001	Gasket, Pump Inlet
33		Flange Assembly (See <i><b>Flange Assembly</b> breakdown</i> )

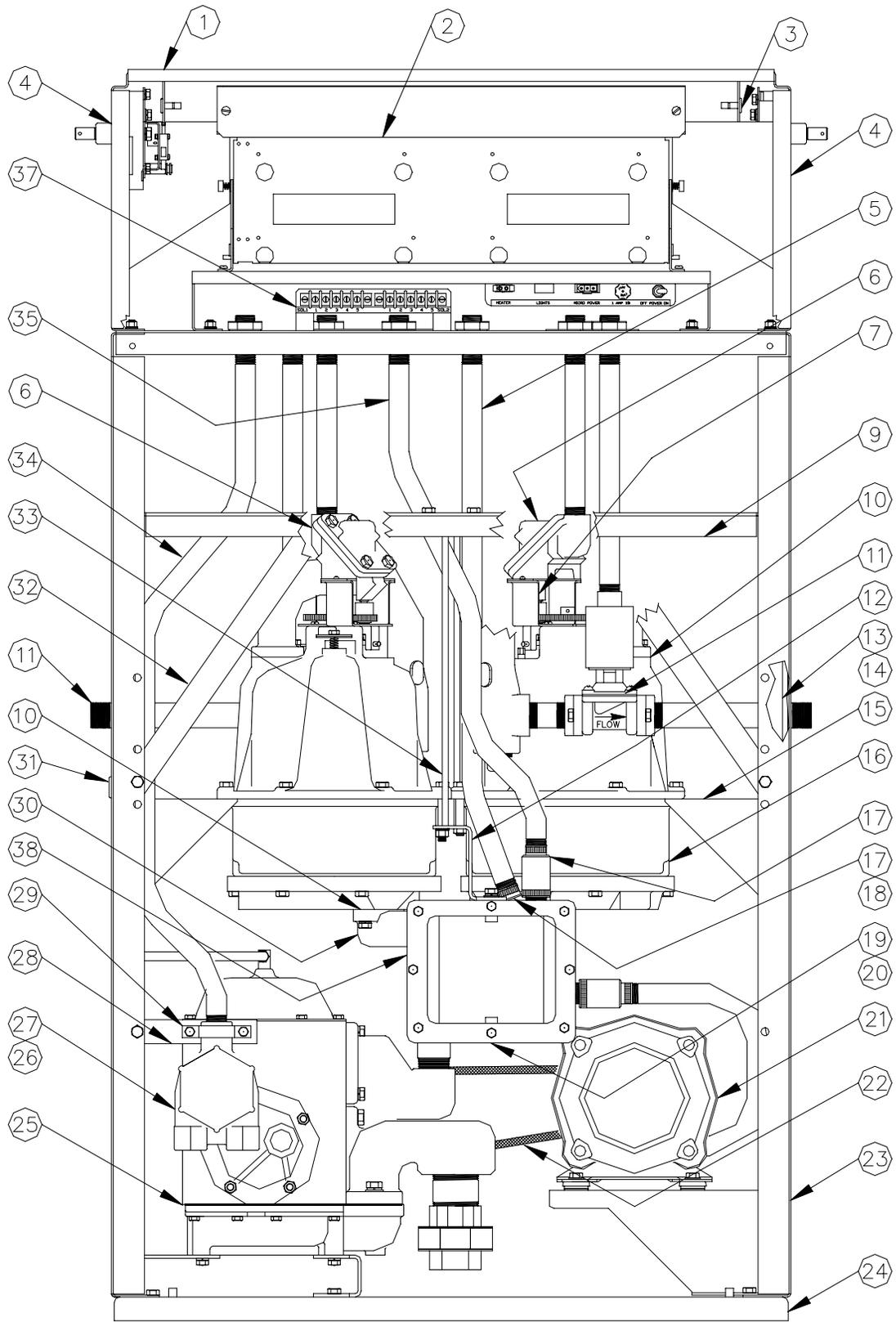
### 9852AX, 9853AX CHASSIS



**9852AX, 9853AX CHASSIS**

Item	Part No.	Description
1	026301	Frame, Top
2		Platform Assy., (See <i>breakdown for your model</i> )
3		Plate-Bearing Assy., (See <i>breakdown for your model</i> )
4	026998	Frame, Top Side Weld
	026783	Frame, Top Side Weld, Front Load Nozzle option
5	069843	Conduit Assy., AC
6	026782	Frame Side Lower
7	027004	Gasket
8		Discharge Assy. (See <i>breakdown for your model</i> )
9	015478	Discharge Bracket, Inner
10	015479	Discharge Bracket, Outer
11		Meter Assy. (See <i>breakdown <b>Meter Assembly</b></i> )
12	066400	1/2 UNY Explosion-proof Conduit Union
13	014781	Bracket, AC Box, Mounting
14	022321	Base Weld Assy.
15	003337	Junction Box., Mchng
16	003461	Junction Box, Cover, Mchng
17	015605	Bracket, Weld Assy.
18	020740	Clamp, Junction Box
19	003157	AC Junction Box
20	003117	AC Junction Box Cover
21	015529	Bracket, Meter Support
22	015514	Column Brace
23		Gear Train Assy. (See <i><b>Meter Assembly</b> breakdown for your model</i> )
24	022448	Column Register Assy.
25	069859	Conduit Assy., DC
	069847	Conduit Assy., DC w/900
26	069860	Conduit, Pulser Assy.
	*013078	Optical Encoder
27	C06517	Cable/Bracket Assembly, Single
28	026783	Frame, Top Side
29		Strainer Body/Check Valve (See <i>breakdown</i> )

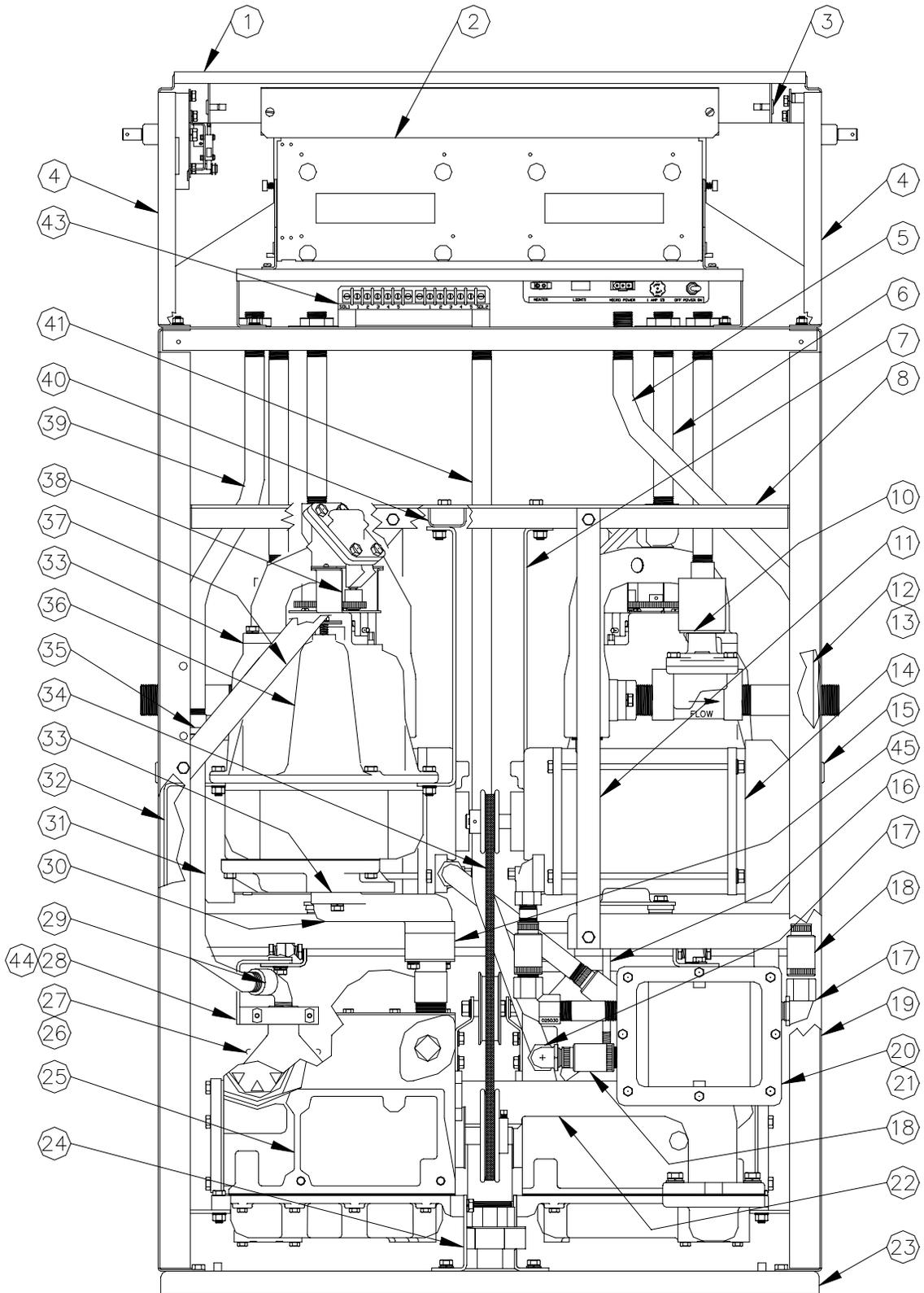
### 9852ATW1 CHASSIS ASSEMBLY



**9852ATW1 CHASSIS ASSEMBLY**

Item	Part No.	Description
1	026300	Frame, Top
2		Platform Assy., (See <i>breakdown for your model</i> )
3		Plate Bearing Assy., (See <i>breakdown for your model</i> )
4	026998	Frame, Top Side Weld
	026783	Frame, Top Side Weld, Front Load Nozzle option
5	069848	Conduit Assy., AC-2
6	069860	Conduit-Pulser Assy.
	*013078	Optical Encoder
7		Gear Train Assy. (See <b>Meter Assembly</b> <i>breakdown for your model</i> )
9	022449	Column Register Assy.
10	027004	Gasket
11		Discharge Assy. (See <i>breakdown for your model</i> )
12	015785	Bracket, AC Box, Mounting
13	015478	Discharge Bracket, Inner
14	015479	Discharge Bracket, Outer
15	015523	Bracket, Meter Support
16		Meter Assy. (See <i>breakdown Meter Assembly</i> )
17	066400	1/2 UNY Explosion-proof Conduit Union
18	025045	Elbow, Conduit, ½ x 90o M/F
19	003117	AC Junction Box Cover
20	003116	AC Junction Box
21	037352	Motor Assy., 60 Hz. (See <i>breakdown</i> )
	037356	Motor Assy., 50 Hz. (See <i>breakdown</i> )
22	012175	Belt, A41
23	026782	Frame Side, Lower
24	022314	Base Weld Assy.
25	048742	Pumping Unit Assy. (See <i>breakdown</i> )
26	003337	Junction Box., Mchng
27	003461	Junction Box, Cover, Mchng
28	015605	Bracket, Weld Assy.
29	020740	Clamp, Junction Box
30	035316	Transfer Body Manifold
31	058021	Grommet
32	015514	Column Brace
33	015699	Bracket, Meter Mounting, Weld
34	069859	Conduit Assy., DC
	069847	Conduit Assy., DC w/900
35	069850	Conduit Assy., AC-1
37	C06518	Cable/Bracket Assembly, Twin
38		Flange Assembly (See <b>Flange Assembly</b> <i>breakdown</i> )

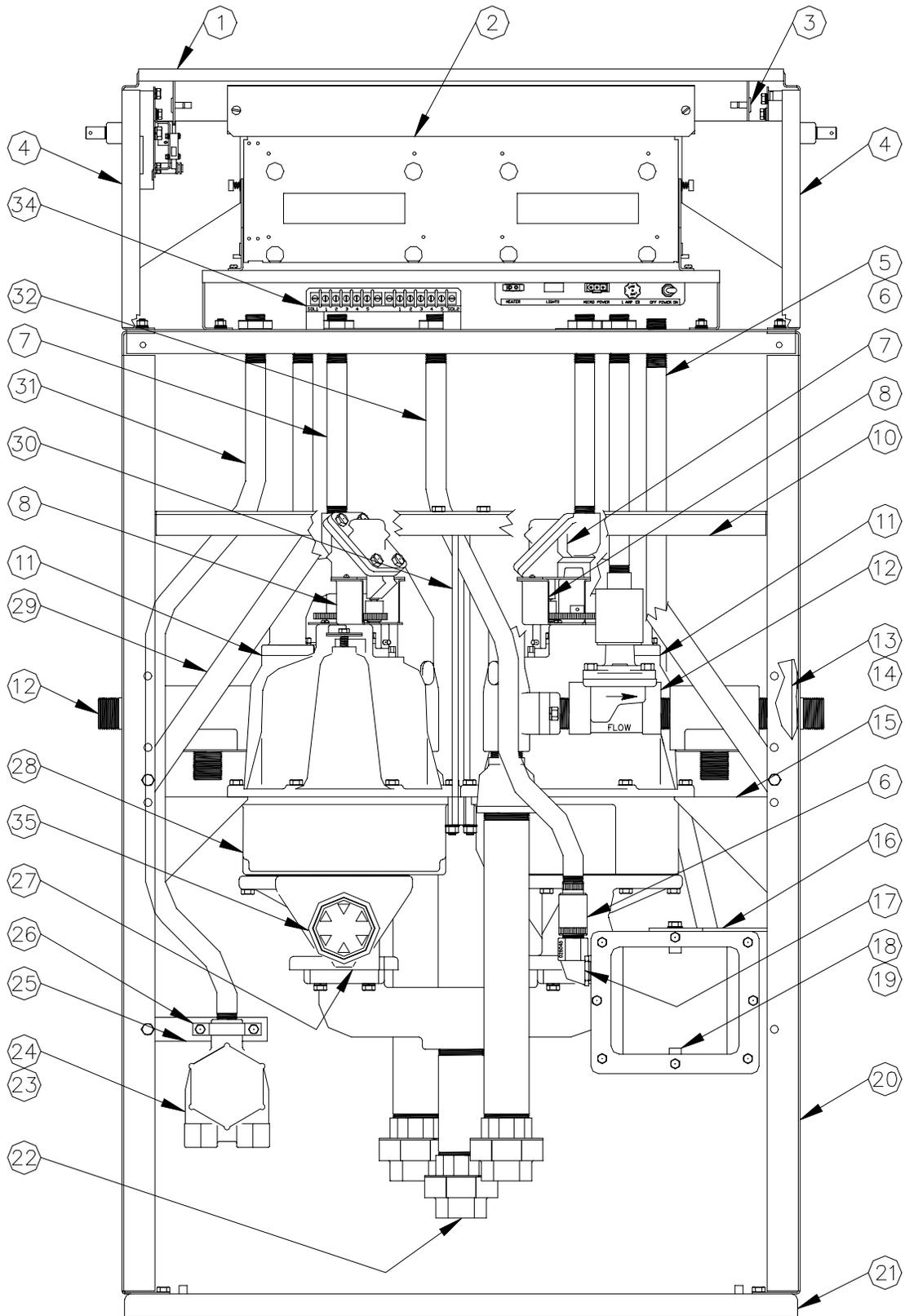
### 9853ATW1M CHASSIS ASSEMBLY



## 9853ATW1M CHASSIS ASSEMBLY

Item	Part No.	Description
1	026300	Frame, Top
2		Platform Assy., (See <i>breakdown for your model</i> )
3		Plate Bearing Assy., (See <i>breakdown for your model</i> )
4	026998	Frame, Top Side Weld
	026783	Frame, Top Side Weld, Front Load Nozzle option
5	069854	Conduit Assy, AC-1
	069692	Conduit Assy, AC-1, 380V
6	069860	Conduit Pulser Assy.
	*013078	Optical Encoder
7	015688	Bracket, Meter Mounting
8	022449	Column Register Assy.
10		Discharge Assy. (See <i>breakdown for your model</i> )
11	015689	Support Strap
12	015478	Bracket, Discharge, Inner
13	015479	Bracket Discharge, Outer
14		Motor Assy. (See <i>breakdown</i> )
15	058021	Grommet
16		Support Assy. (See <i>breakdown</i> )
17	025045	Elbow, Conduit, 1/2 x 90o M/F
18	066400	1/2 UNY Explosion-proof Conduit Union
19	026782	Frame Side Lower
20	003117	AC Junction Box Cover
21	003116	AC Junction Box
22	035290	Manifold Assy. (See <i>breakdown</i> )
23	022314	Base Weld Assy.
24	015528	Bracket, Pump Support
25	048743	Pumping Unit Assy, Gas (See <i>breakdown</i> )
	048746	Pumping Unit Assy, Dsl (See <i>breakdown</i> )
26	003337	Junction Box., Mchng
27	003461	Junction Box, Cover, Mchng
28	015770	Bracket, DC Junction Box
29	021058	Elbow, 90o M/F
30	035317	Manifold
31	069735	Conduit
32	063024	Meter Mounting Bracket
33	027004	Gasket
34	012163	Belt, Vee, 37"
35	C08125	Conduit Fit, 1/2" union
36		Meter Assy., (See <i>breakdown for your model</i> )
37	015514	Column Brace
38		Gear Train Assy. (See <b>Meter Assembly</b> <i>breakdown for your model</i> )
39	069855	Conduit Assy., DC
	069845	Conduit Assy., DC w/900
40	063938	Brace, Column/Meter Support
41	069853	Conduit Assy., AC-2
	069693	Conduit Assy., AC-2, 380V
43	C06518	Cable/Bracket Assembly, Twin
44	020740	Clamp, Junction Box
45		Flange Assembly (See <b>Flange Assembly</b> <i>breakdown</i> )

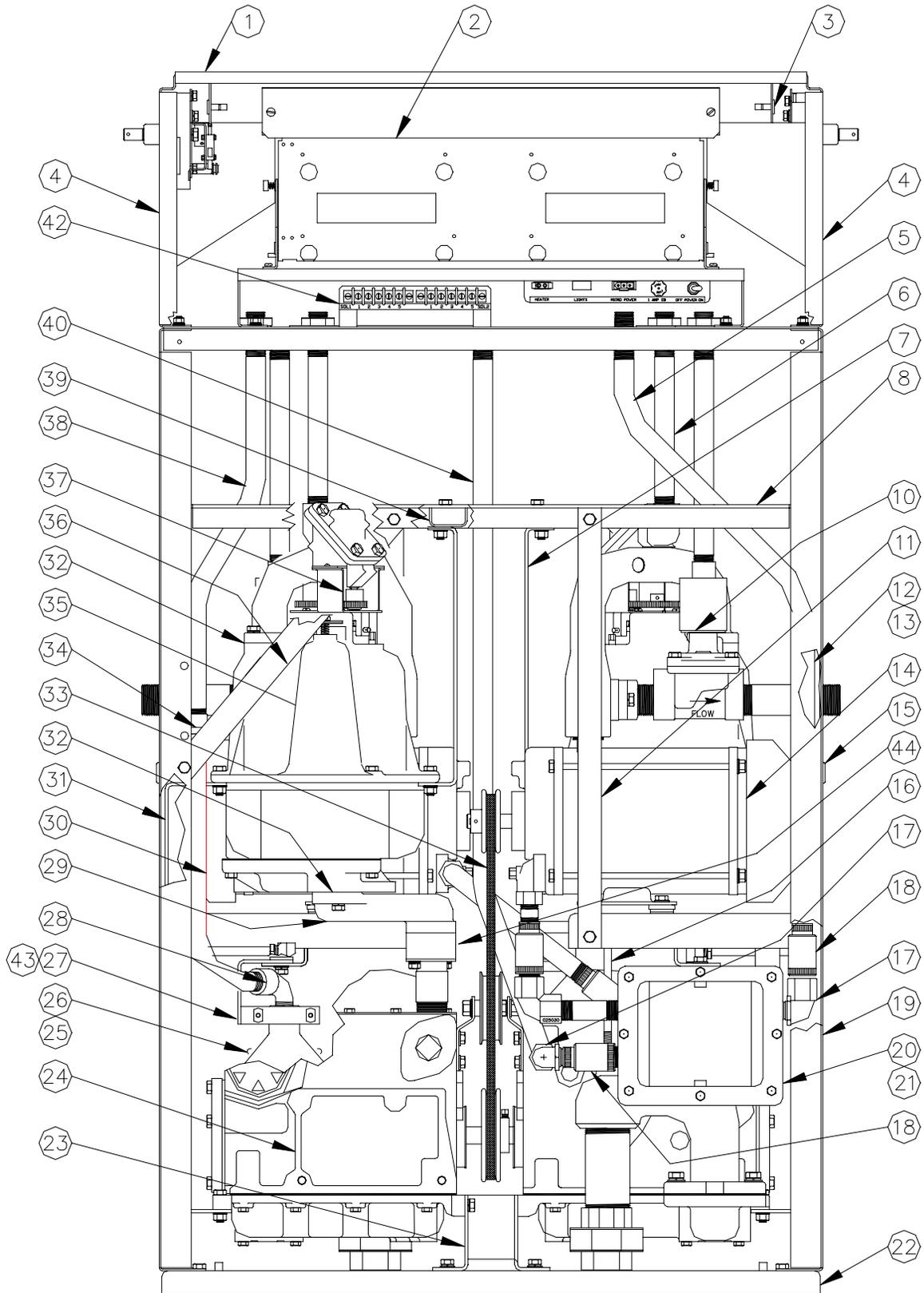
9852AXTW1, 9853AXTW1 CHASSIS ASSEMBLY



## 9852AXTW1, 9853AXTW1 CHASSIS ASSEMBLY

Item	Part No.	Description
1	026300	Frame, Top
2		Platform Assembly (See breakdown for your model; Specify serial number of your pump)
3		Plate Bearing Assembly (See breakdown for your model)
4	026998	Frame, Top side weld
	026783	Frame, Top side weld, Front Load Nozzle option
5	069852	Conduit Assy., AC-1
6	066400	1/2 UNY Explosion-proof Conduit Union
7	069860	Conduit Pulsar Assy.
	*013078	Optical Encoder
8		Gear Train Assy. (See <b>Meter Assembly</b> breakdown for your model)
10	022449	Column Register Assy.
11	027004	Gasket
12		Discharge Assembly (See breakdown for your model)
13	015478	Discharge Bracket, Inner
14	015479	Discharge Bracket, Outer
15	015523	Bracket, Meter Support
16	014781	Bracket, AC Box, Mounting
17	025045	Elbow, Conduit, 1/2 x 90o M/F
18	003117	AC Junction Box Cover
19	003116	AC Junction Box
20	026782	Frame Side Lower
21	022314	Base Weld Assy.
22	035292	Manifold Assy. (See breakdown <b>9800AXTW1 Manifold Assy.</b> )
23	003337	Junction Box., Mchng
24	003461	Junction Box, Cover, Mchng
25	015605	Bracket, Weld Assy.
26	020740	Clamp, Junction Box
27	027005	Gasket
28		Meter Assy. (See breakdown)
29	015514	Column Brace
30	015699	Bracket, Meter Mounting, Weld
31	069859	Conduit, Assy., DC
	069847	Conduit, Assy., DC, w/900
32	069851	Conduit Assy., AC-2
34	C06518	Cable/Bracket Assembly, Twin
35		Strainer Body/Check Valve (See breakdown)

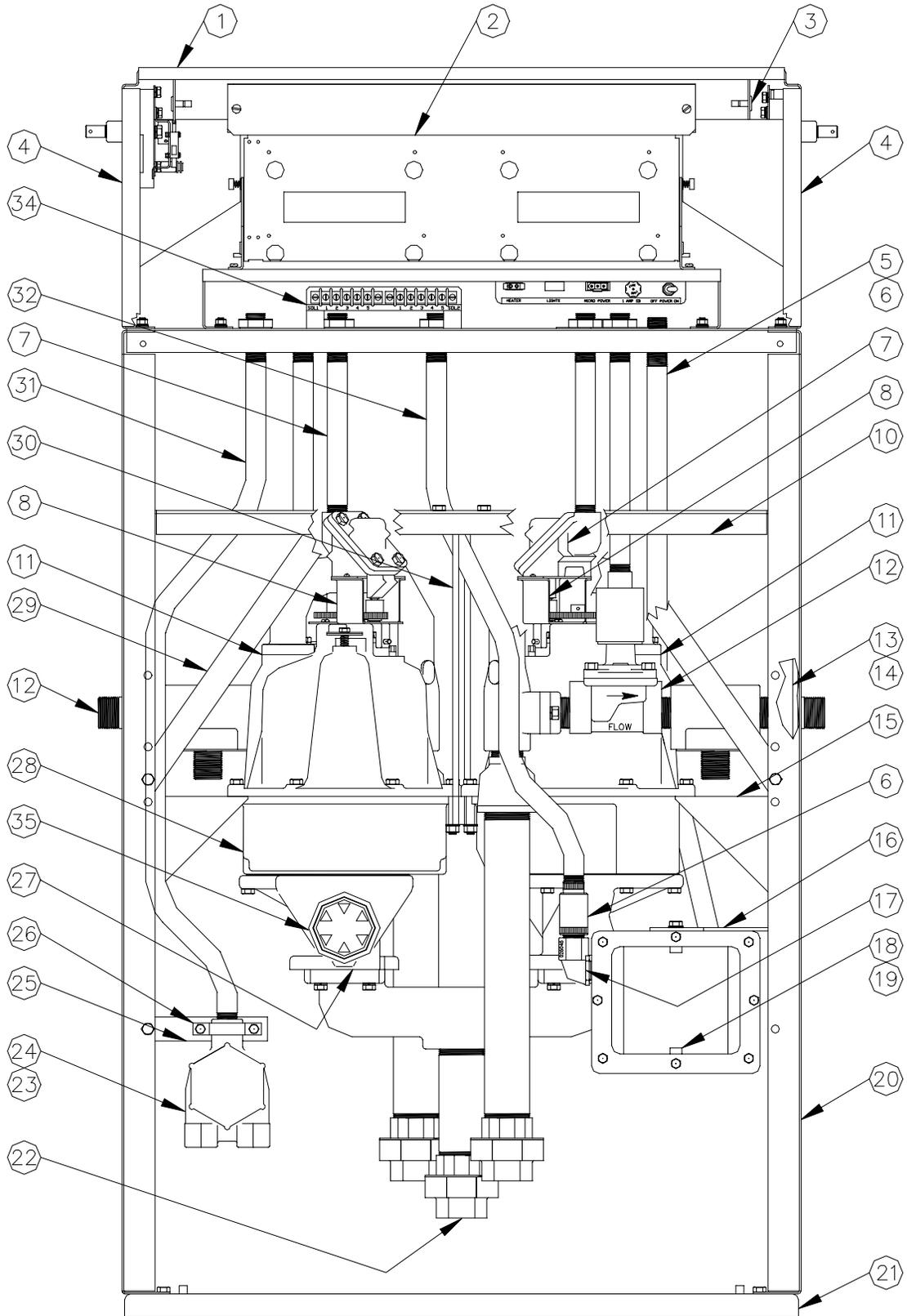
### 9852ATW2, 9853ATW2 CHASSIS ASSEMBLY



## 9852ATW2, 9853ATW2 CHASSIS ASSEMBLY

Item	Part No.	Description
1	026300	Frame, Top
2		Platform Assy., (See <i>breakdown for your model</i> )
3		Plate Bearing Assy., (See <i>breakdown for your model</i> )
4	026998	Frame, Top Side Weld
	026783	Frame, Top Side Weld, Front Load Nozzle option
5	069854	Conduit Assy, AC-1
	069692	Conduit Assy, AC-1, 380V
6	069860	Conduit Pulser Assy.
	*013078	Optical Encoder
7	015688	Bracket, Meter Mounting
8	022449	Column Register Assy.
10		Discharge Assy. (See <i>breakdown for your model</i> )
11	015689	Support Strap
12	015478	Bracket, Discharge, Inner
13	015479	Bracket Discharge, Outer
14		Motor Assy. (See <i>breakdown</i> )
15	058021	Grommet
16		Support Assy. (See <i>breakdown</i> )
17	025045	Elbow, Conduit, 1/2 x 90o M/F
18	066400	1/2 UNY Explosion-proof Conduit Union
19	026782	Frame Side Lower
20	003117	AC Junction Box Cover
21	003116	AC Junction Box
22	022314	Base Weld Assy.
23	015522	Bracket, Pump Support
24	048743	Pumping Unit Assy, Gas (See <i>breakdown</i> )
	048746	Pumping Unit Assy, Dsl (See <i>breakdown</i> )
25	003337	Junction Box., Mchng
26	003461	Junction Box, Cover, Mchng
27	015770	Bracket, DC Junction Box
28	021058	Elbow, 90o M/F
29	035317	Manifold
30	069735	Conduit
31	063024	Meter Mounting Bracket
32	027004	Gasket
33	012163	Belt, Vee, 37"
34	C08125	Conduit Fit, 1/2" union
35		Meter Assy., (See <i>breakdown for your model</i> )
36	015514	Column Brace
37		Gear Train Assy. (See <b>Meter Assembly</b> <i>breakdown for your model</i> )
38	069855	Conduit Assy., DC
	069845	Conduit Assy., DC w/900
39	063938	Brace, Column/Meter Support
40	069853	Conduit Assy., AC-2
	069693	Conduit Assy., AC-2, 380V
42	C06518	Cable/Bracket Assembly, Twin
43	020740	Clamp, Junction Box
44		Flange Assembly (See <b>Flange Assembly</b> <i>breakdown</i> )

### 9852AXTW2, 9853AXTW2 CHASSIS ASSEMBLY

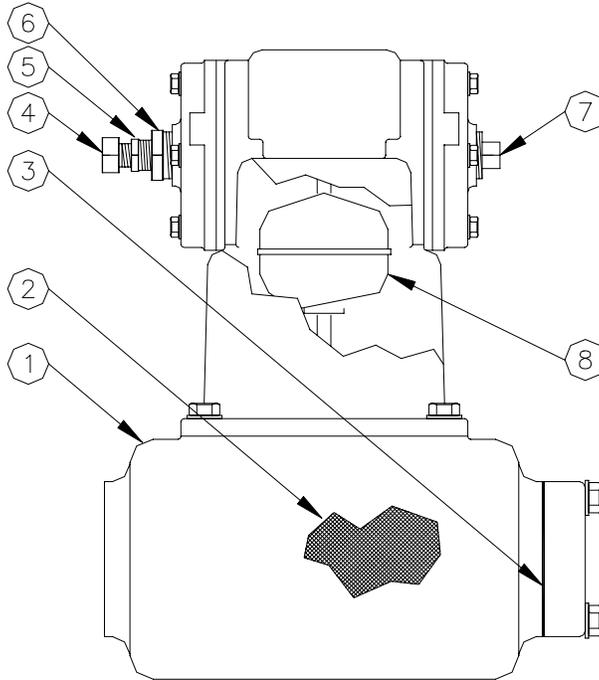


## 9852AXTW2, 9853AXTW2 CHASSIS ASSEMBLY

Item	Part No.	Description
1	026300	Frame, Top
2		Platform Assembly <i>(See breakdown for your model; Specify serial number of your pump)</i>
3		Plate Bearing Assembly <i>(See breakdown for your model)</i>
4	026998	Frame, Top side weld
	026783	Frame, Top side weld, Front Load Nozzle option
5	069852	Conduit Assy., AC-1
6	066400	1/2 UNY Explosion-proof Conduit Union
7	069860	Conduit Pulsar Assy.
	*013078	Optical Encoder
8		Gear Train Assy. <i>(See <b>Meter Assembly</b> breakdown for your model)</i>
10	022449	Column Register Assy.
11	027004	Gasket
12		Discharge Assembly <i>(See breakdown for your model)</i>
13	015478	Discharge Bracket, Inner
14	015479	Discharge Bracket, Outer
15	015523	Bracket, Meter Support
16	014781	Bracket, AC Box, Mounting
17	025045	Elbow, Conduit, 1/2 x 90o M/F
18	003117	AC Junction Box Cover
19	003116	AC Junction Box
20	026782	Frame Side Lower
21	022314	Base Weld Assy.
22	003337	Junction Box., Mchng
23	003461	Junction Box, Cover, Mchng
24	015605	Bracket, Weld Assy.
25	020740	Clamp, Junction Box
26	027005	Gasket
27		Meter Assy. <i>(See breakdown)</i>
28	015514	Column Brace
29	015699	Bracket, Meter Mounting, Weld
30	069859	Conduit, Assy., DC
	069847	Conduit, Assy., DC, w/900
31	069851	Conduit Assy., AC-2
33	C06518	Cable/Bracket Assembly, Twin
34		Strainer Body/Check Valve Assy. <i>(See breakdown)</i>

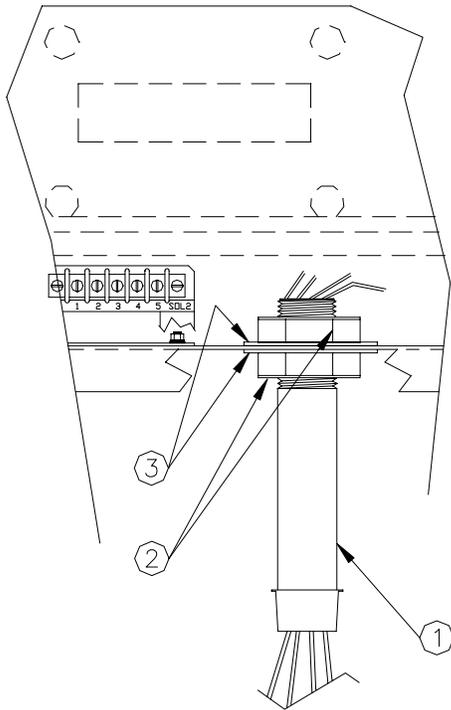
## AIR SEPARATOR ASSEMBLY

Models: 9850A



Item	Part No.	Description
1	063287	Strainer/Air Eliminator Assy.
2	063284	Strainer Basket
3	027363	Gasket Flange, 2-3/4"
4	026047	Fitting 3/8 Ct Conn Inv Fl
5	017266	Bushing 3/8 x 1/4 Black
6	017169	Bushing, Inside Hex 1 x 3/8
7	047305	Plug Pipe, Square Head
8	026406	Float and Reed Assy.

**BARRIER, INTRINSICALLY SAFE (IS), FRONT LOAD NOZZLE OPTION**

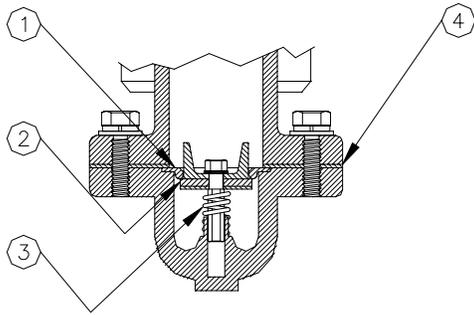


Item	Part No.	Description
1	C06766	IS Barrier Assembly
2	039212	Locknut, Mach
3	068446	Washer, 1.353 x 1.75 x .06

## CHECK VALVES

**NOTE:** To replace check valves in the models listed in this note, refer to the **Strainer Body** breakdown: 9852AX, 9852AXTW1, 9852AXTW2, 9853AX, 9853AXTW1, 9853AXTW2, 9840AX. For all other models, refer to the check valves shown below.

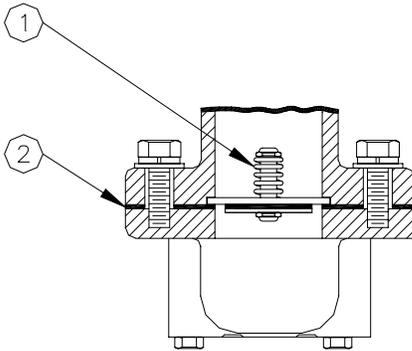
**Model: 9840A, 9853AHC and 9853ATW1M (Units built after 8/97)**



035329 Entire Assembly, Gasoline  
035331 Entire Assembly, Diesel

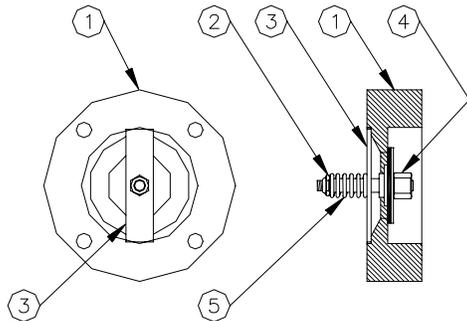
Item	Part No.	Description
1	058018	Valve Seat
2	058017	Poppet Disc Assy.
3	058016	Spring, Gasoline
	058022	Spring, Diesel
4	027001	Pump Inlet Gasket

**Models: 9853ATW1M (Units built prior to 8/97)**



Item	Part No.	Description
1	047069	Check Valve Assy., Dsl
	047077	Check Valve Assy., Gas
2	027001	Pump Inlet Gasket

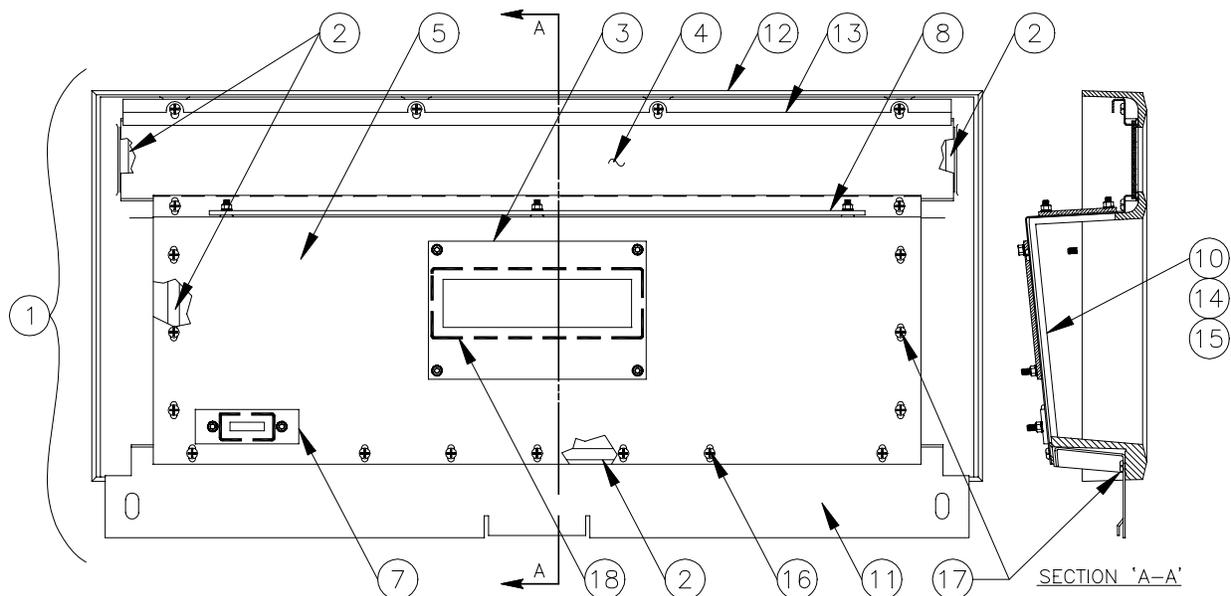
**Models: 9850A**



**NOTE:** When ordering parts for older units, all parts listed must be replaced due to a design change of items 1, 4 and 5.

Item	Part No.	Description
1	012003	Body Check Valve
2	038875	Nut, Lock #10-32 Hex
3	046050	Plt-Plunger Check Valve
4	062472	Stem Assy., Check Valve
5	057897	Spring-Comp #LC-026E-9

## 9800A SINGLE DIAL ENCLOSURE ASSEMBLY



**Models:** 9852A, 9853A, 9852AX, 9853AX, 9853AHC, 9850A, 9850AX

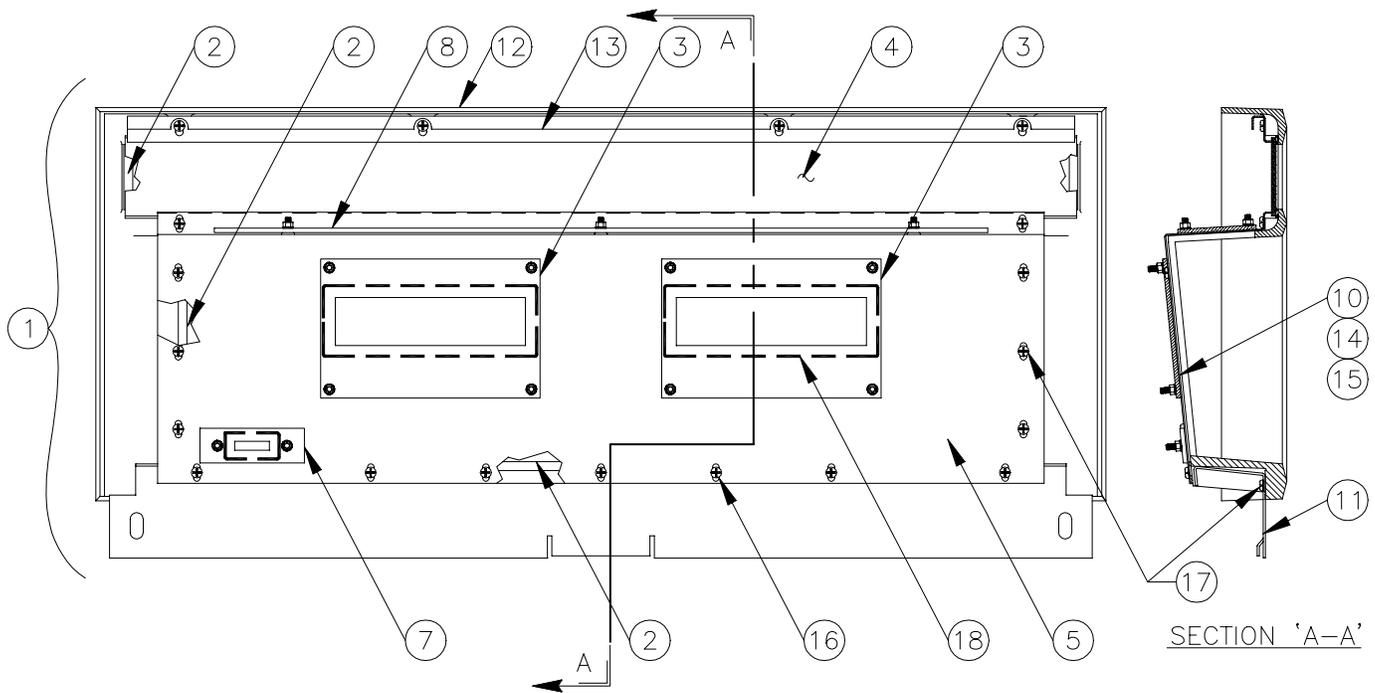
Item Part No. Description

1	026117	Dial Enclosure Assembly Complete, Single, Standard and Front Load Nozzle Models
	026310	Dial Enclosure Assembly Complete, Single, Front Load Nozzle (Back Side Only)
<i>(The above assemblies include all applicable items listed below. The standard assembly is silkscreened for gallons. If your unit of measure is different, order the correct decal, item 14)</i>		
2	027019	Gasket, 10 foot strip
3	028753	Dial Glass (See NOTE 1)
4	028837	Display Glass (w/optional silkscreen)
5		Dial Enclosure Face Plate (See NOTE 2)
7	022434	Cover, Mag Switch (See NOTE 1)
8	033716	Dial Lens (See NOTE 1)
10		Graphics Panel (See NOTE 2)
11	011366	Lock Bar, Single
12		Bezel, Plastic (See NOTE 2)
13	011309	Latch Bar, Single
14	028977	Measure Decal "Litres"
	028978	Measure Decal "Liters"
	028979	Measure Decal "Litros"
	028980	Measure Decal "Galones"
15	028981	Brand decal, GASBOY
16	053737	Screw, 8-32 x 3/8 self-tapping (7 across bottom of sheet metal)
17	053640	Screw, 8-18 x 3/8 self-tapping
18	C08099	Silicone Sealant

**NOTE 1:** When replacing individual components such as the dial glass or lens, you must use silicone sealant to properly seal the unit from external moisture.

**NOTE 2:** The part numbers for the dial enclosure face plate, graphics panel, and plastic bezel are not listed individually. They must be ordered only as part of the complete dial enclosure assembly.

**9800A TWIN DIAL ENCLOSURE ASSEMBLY**



**Models:** 9853ATW2, 9852ATW2, 9853ATW1M, 9852ATW1, 9853AXTW, 9852AXTW, 9850AXTW

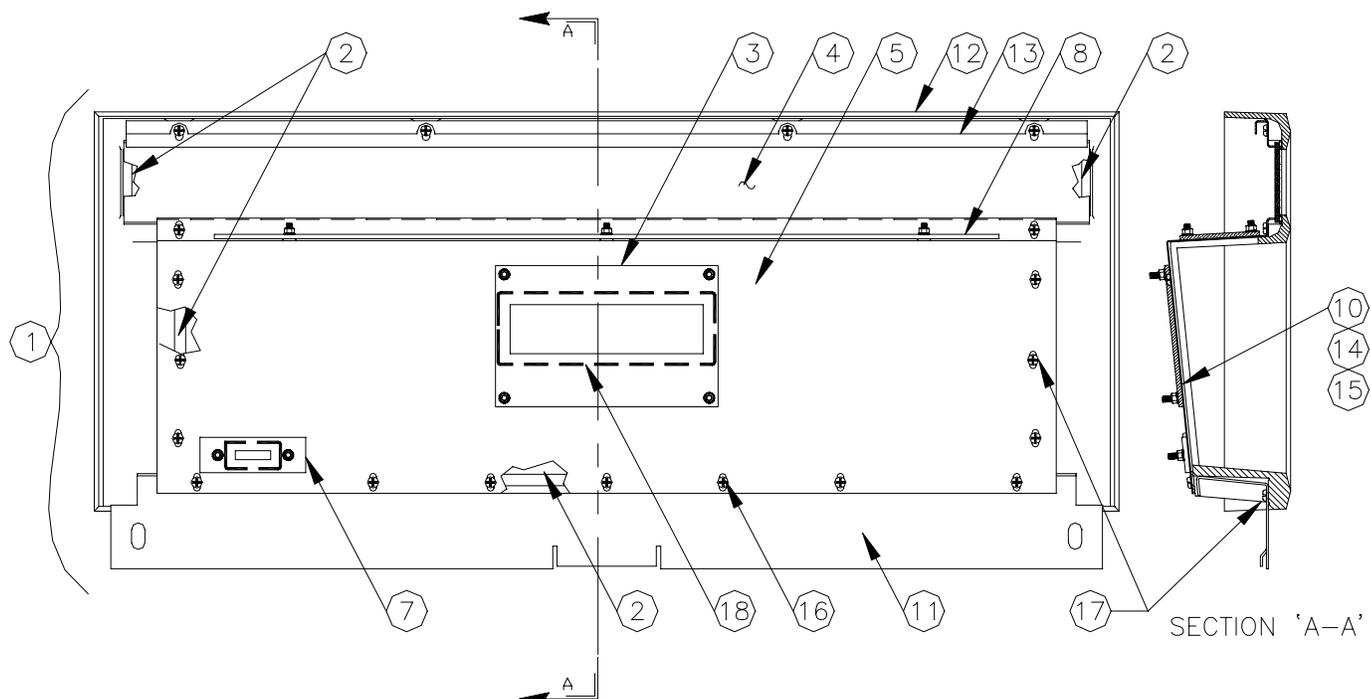
Item Part No. Description

- 1 026119 Dial Enclosure Assembly Complete, Twin, Non-Front Load Nozzle models
- 026126 Dial Enclosure Assembly Complete, Twin, Front Load Nozzle models
- (The above assemblies include all items listed below. The standard assembly is silkscreened for gallons. If your unit of measure is different, order the correct decal, item 14)*
- 2 027019 Gasket, 10 foot strip
- 3 028753 Dial Glass (See NOTE 1)
- 4 028839 Display Glass (w/optional silkscreen)
- 5 Dial Enclosure Face Plate (See NOTE 2)
- 7 022434 Cover, Mag Switch (See NOTE 1)
- 8 033716 Dial Lens (See NOTE 1)
- 10 Graphics Panel (See NOTE 2)
- 11 011367 Lock Bar, Twin
- 12 Bezel, Plastic (See NOTE 2)
- 13 011308 Latch Bar, Twin
- 14 028977 Measure Decal "Litres" (Order two)
- 028978 Measure Decal "Liters" (Order two)
- 028979 Measure Decal "Litros" (Order two)
- 028980 Measure Decal "Galones" (Order two)
- 15 028981 Brand decal, GASBOY
- 16 053737 Screw, 8-32 x 3/8, self-tapping (7 across bottom of sheet metal)
- 17 053640 Screw, 8-18 x 3/8, self-tapping
- 18 C08099 Silicone Sealant

**NOTE 1:** When replacing individual components such as the dial glass or lens, you must use silicone sealant to properly seal the unit from external moisture.

**NOTE 2:** The part numbers for the dial enclosure face plate, graphics panel, and plastic bezel are not listed individually. They must be ordered only as part of the complete dial enclosure assembly.

## 9840A, 9840AX DIAL ENCLOSURE ASSEMBLY



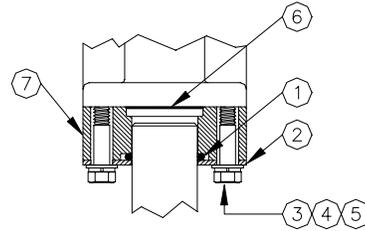
Item	Part No.	Description
1	026126	Dial Enclosure Assembly, Complete, 9840A, Standard and Front Load Nozzle Models
	026313	Dial Enclosure Assembly, Complete, 9840A, Front Load Nozzle (back side only)
<i>(The above assemblies include all items listed below. The standard assembly is silkscreened for gallons. If your unit of measure is different, order the correct decal, item 14)</i>		
2	027019	Gasket, 10 foot strip
3	028753	Dial Glass (See NOTE 1)
4	028839	Display Glass (w/optional silkscreen)
5		Dial Enclosure Face Plate (See NOTE 2)
7	022434	Cover, Mag Switch (See NOTE 1)
8	033716	Dial Lens (See NOTE 1)
10		Graphics Panel (See NOTE 2)
11	011367	Lock Bar, 9840A
12		Bezel, Plastic (See NOTE 2)
13	011308	Latch Bar, 9840A
14	028977	Measure Decal "Litres"
	028978	Measure Decal "Liters"
	028979	Measure Decal "Litros"
	028980	Measure Decal "Galones"
15	028981	Brand decal, GASBOY
16	053737	Screw, 8-32 x 3/8, self-tapping (7 across bottom of sheet metal)
17	053640	Screw, 8-18 x 3/8, self tapping
18	C08099	Silicone Sealant

NOTE 1: When replacing individual components such as the dial glass or lens, you must use silicone sealant to properly seal the unit from external moisture.

NOTE 2: The part numbers for the dial enclosure face plate, graphics panel, and plastic bezel are not listed individually. They must be ordered only as part of the complete dial enclosure assembly.

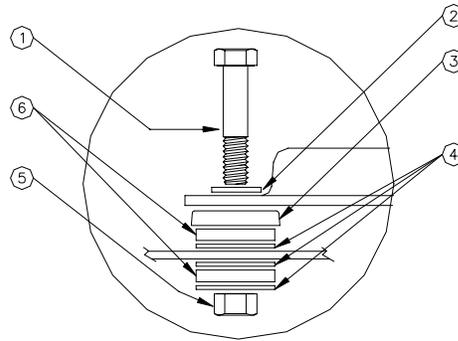
## FLANGE ASSEMBLY

Item	Part No.	Description
1	049014	O-Ring
	M49014	O-Ring, Methanol/Ethanol
2	026079	Flange
3	051950	5/16-18 x 1-3/4 HHC Screw
4	068005	1/4 Washer
5	068875	Lockwasher, 5/16
6	027797	Gasket
7	021950	Coupling



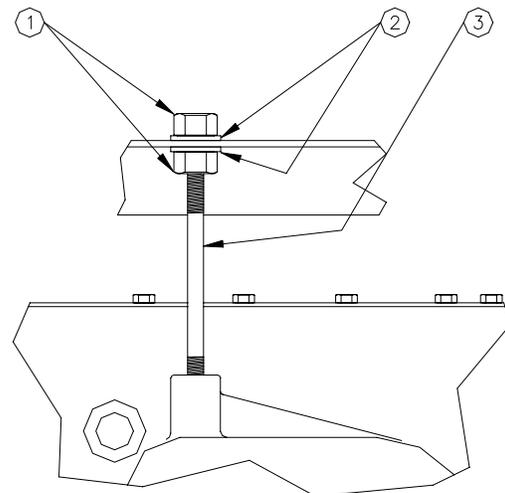
## MOTOR MOUNT

Item	Part No.	Description
1	051940	5/16-18 x 1-1/2 HHC Screw
2	068080	5/16 Washer
3	067735	Cup Washer
4	068620	Washer
5	038920	5/16-18 ESNA Nut
6	037885	Rubber Mount



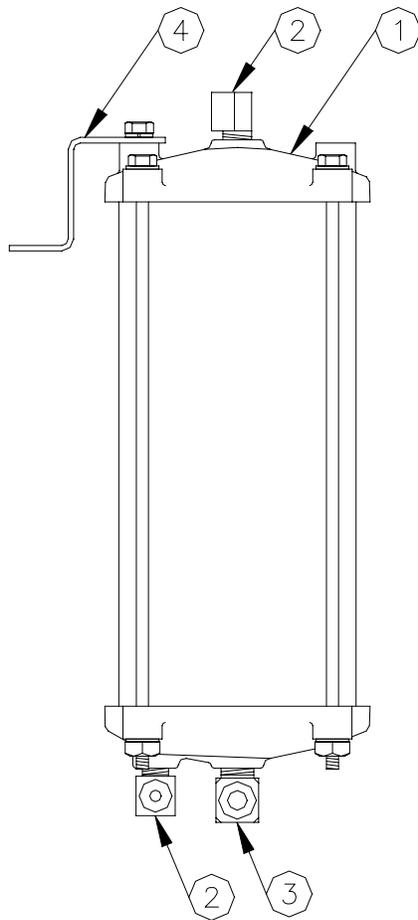
## SUPPORT ASSEMBLY

Item	Part No.	Description
1	038680	1/2-13 Jam Nut
2	068065	1/2 Washer
3	015560	Stud



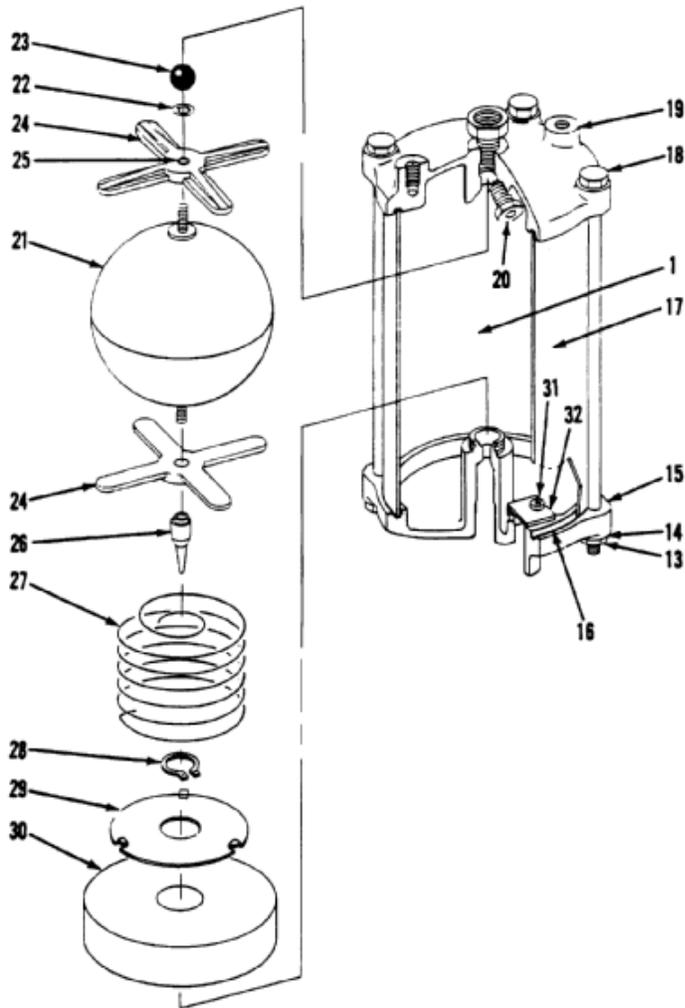
## FLOAT ASSEMBLY

Models: 9850A, 9850AS



Item	Part No.	Description
1	026474	Float Chamber Assy.
2	026044	Fitting, 3/8 Ct Elbow Inv FI
3	026045	Fitting, 1/2 CT Elbow, Inv FI
4	014838	Bracket, Float, 12", 9850A
	014842	Bracket, Float, 10", 9850A
5	063670	Vent Tube Assy., 10" Float (Not Shown)
	063661	Vent Tube Assy., 12" Float (Not Shown)

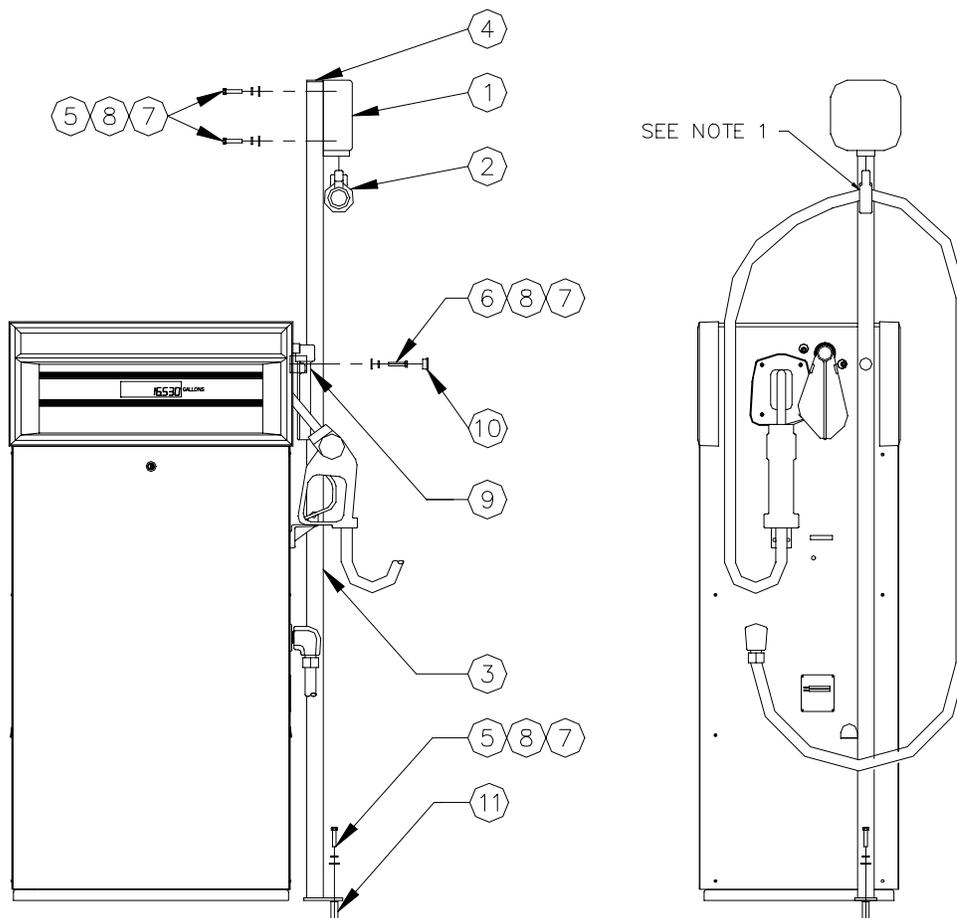
**FLOAT ASSEMBLY BREAKDOWN (9850A, 9850AS)**



NOTE: If replacing 12" cylinder (10" long), new bracket, vent tube, and tie bolts are required.

Item	Part No.	Description
1	026474	Float Chamber Assy.
13	038605	Keps Nut (4 req'd)
14	068080	Washer (4 req'd)
15	003497	Bottom Cover
16	027133	Gasket (2 req'd)
17	023550	Cylinder, 12"
	023514	Cylinder, 10"
18	013288	Tie bolt, (4 req'd), 12" Cyl.
	013287	Tie Bolt, (4 req'd), 10" Cyl.
19	003498	Top Cover
20	062620	Pressure Relief Valve
21	026441	Spherical Float, 4"
22	039506	Speed Nut
23	047139	Ball Plug
24	029007	Float Guide, (2 req'd)
25	056624	Sleeve
26	067011	Throttle Valve
27	057605	Float Balance Spring
28	049505	Snap Ring - Truarc
29	045738	Baffle Plate
30	021128	Coalescer
31	053737	Screw, Pan Head
32	022715	Orifice Cover

## HIGH HOSE RETRIEVER PARTS



Complete High Hose Retriever installation requires a support post kit and a hose clamp/spring reel kit.

032676 Support Post Kit (Contains post and hardware: Items 3-11 below)

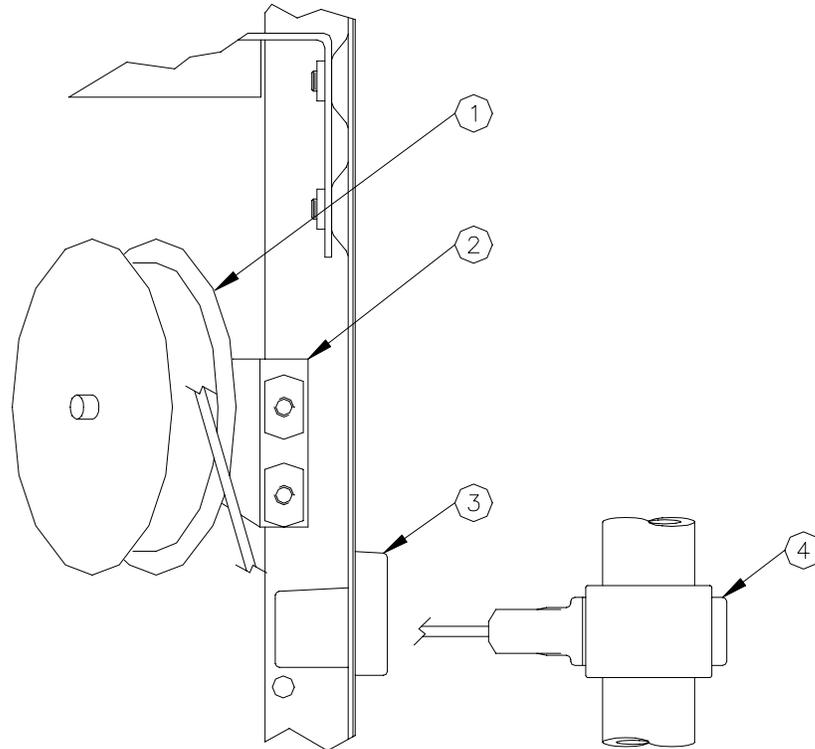
### Hose Clamp/Spring Reel Kits

032666 Kit, 5/8" Hardwall/Softwall (1" OD)  
 032659 Kit, 3/4" Hardwall/Softwall (1-1/32" OD)  
 032663 Kit, 3/4" Dayco Hardwall (1-1/8" OD)  
 032667 Kit, 1" Softwall (1-1/2" OD)  
 032668 Kit, 1" Dayco Hardwall (1-7/16 OD)  
 032669 Kit, 1" Hardwall (1-3/8 OD)  
 032671 Kit, HHR, Goodyear Prem, Vapor Recovery, Coaxial

Item	Part No.	Description
1	030804	Reel Assy, 5/8" & 3/4" Hardwall/Softwall
	030805	Reel Assy, 1" Softwall, 1" Hardwall; 1-1/4" Softwall; GY Prem Coax, Vapor Recovery
2	020714	Clamp, 5/8" Hardwall/Softwall
	020712	Clamp, 1" Softwall
	020718	Clamp, 1" Hardwall (1-7/16 OD)
	020719	Clamp, 1" Hardwall (1-3/8 OD)

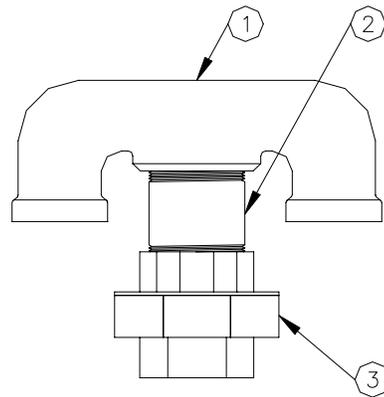
Item	Part No.	Description
2	026732	Clamp, GY Prem Coax, Vapor Recovery
3	063838	Support Bar Assy.
4	017930	Caplug
5	051956	Bolt, 5/16-18 x 2, SS
6	051957	Bolt, 5/16-18 x 2-1/2, SS
7	068079	Washer, 5/16, SS
8	068874	Lockwasher, 5/16, SS
9	056927	Spacer
10	047219	Plug Button, 7/8
11	013250	Anchor

## INTERNAL RETRIEVER BREAKDOWN



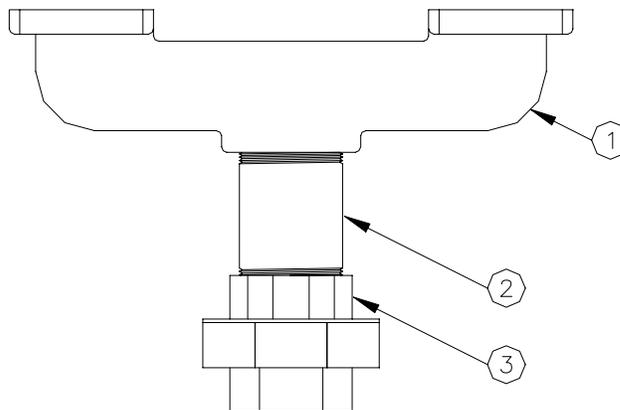
Item	Part No.	Description
1	048369	Reel and Cable
2	015456	Bracket, Internal Hose Retriever
3	040035	Cable Guide, Internal Retriever
4	020712	Hose Clamp, 1" Softwall
	020719	Hose Clamp, 1" Hardwall
	020714	Hose Clamp, 5/8 and 3/4

### 9840A MANIFOLD ASSEMBLY



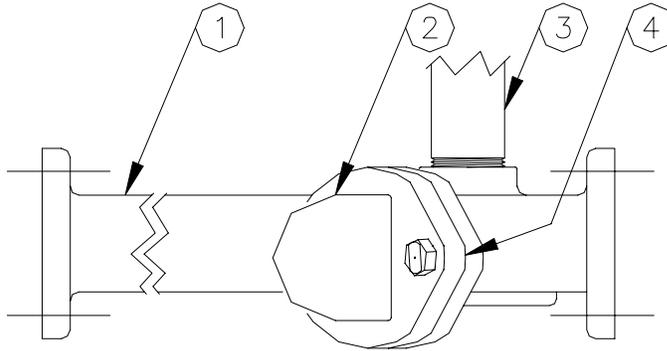
Item	Part No.	Description
1	048159	Pump Inlet
2	044946	Pipe Tube 2 x 3
3	066386	Union, 2" Std Blk

### 9840AX MANIFOLD ASSEMBLY



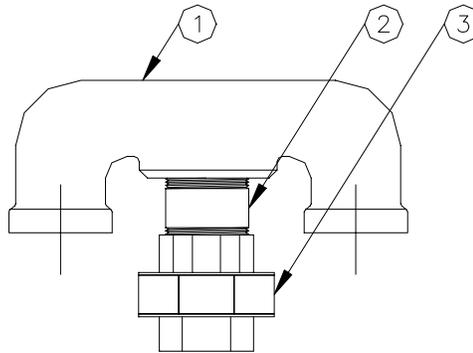
Item	Part No.	Description
1	035322	Manifold
2	044946	Pipe Tube 2 x 3
3	066386	Union, 2" Std Blk

### 9853AHC PUMP DISCHARGE



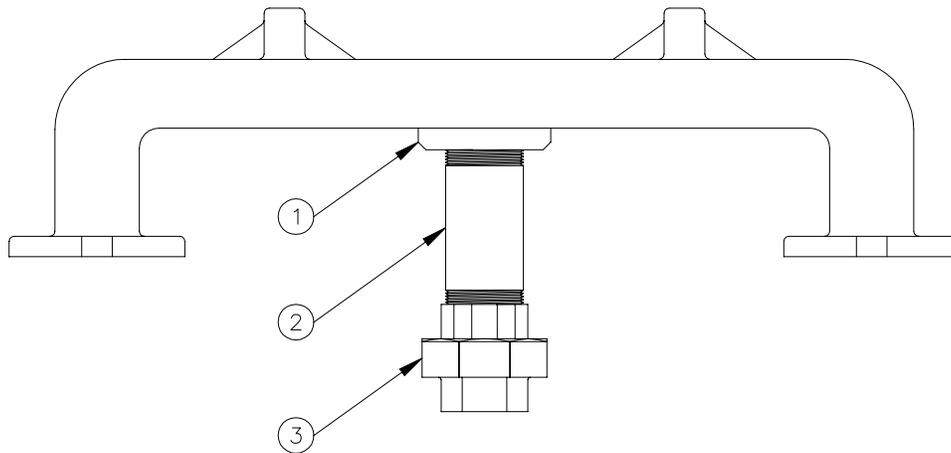
Item	Part No.	Description
1	048396	Pump Discharge
2	058019	Cover
3	015695	CPLG Nipple
4	027002	Gasket

### 9853AHC MANIFOLD



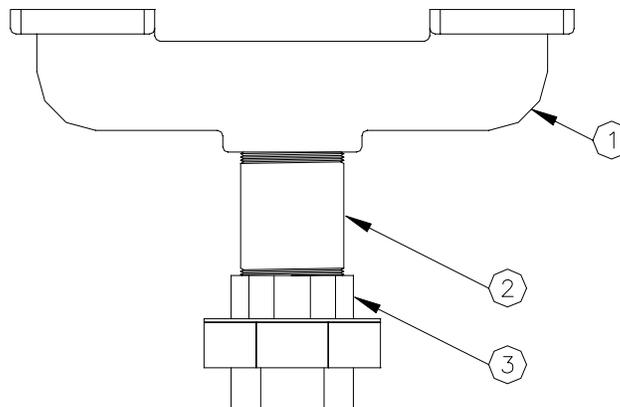
Item	Part No.	Description
1	048391	Pump Inlet
2	044907	Pipe Tube, 1-1/2 x 2-1/4
3	066385	Union, 1-1/2 #150 Stockham

### 9853ATW1M MANIFOLD ASSEMBLY



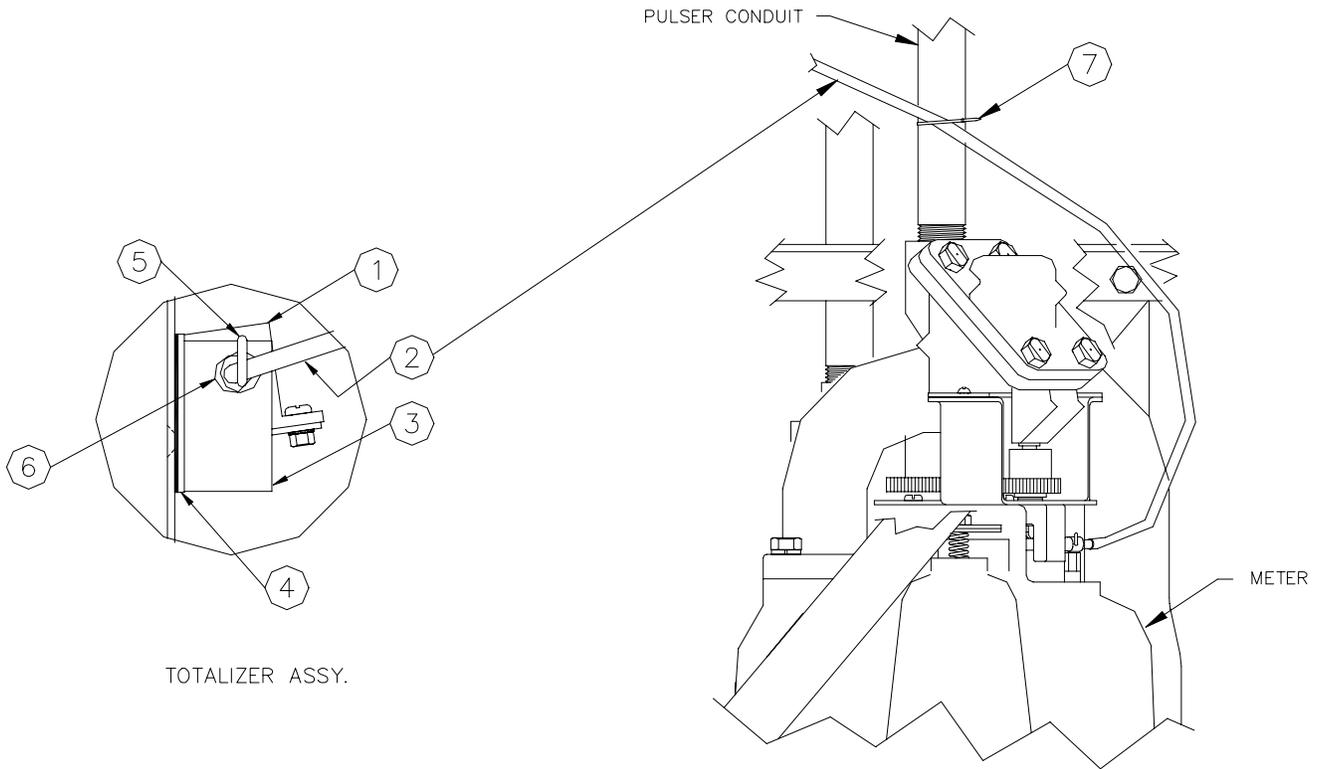
Item	Part No.	Description
1	003106	Manifold, Pump Inlet (Units built prior to serial number 471906)
	003108	Manifold, Pump Inlet
2	044912	Pipe TBE, 1-1/2 x 4-1/2
3	066385	Union, 1-1/2 #150 Stockham

### 9800AXTW1 MANIFOLD ASSEMBLY



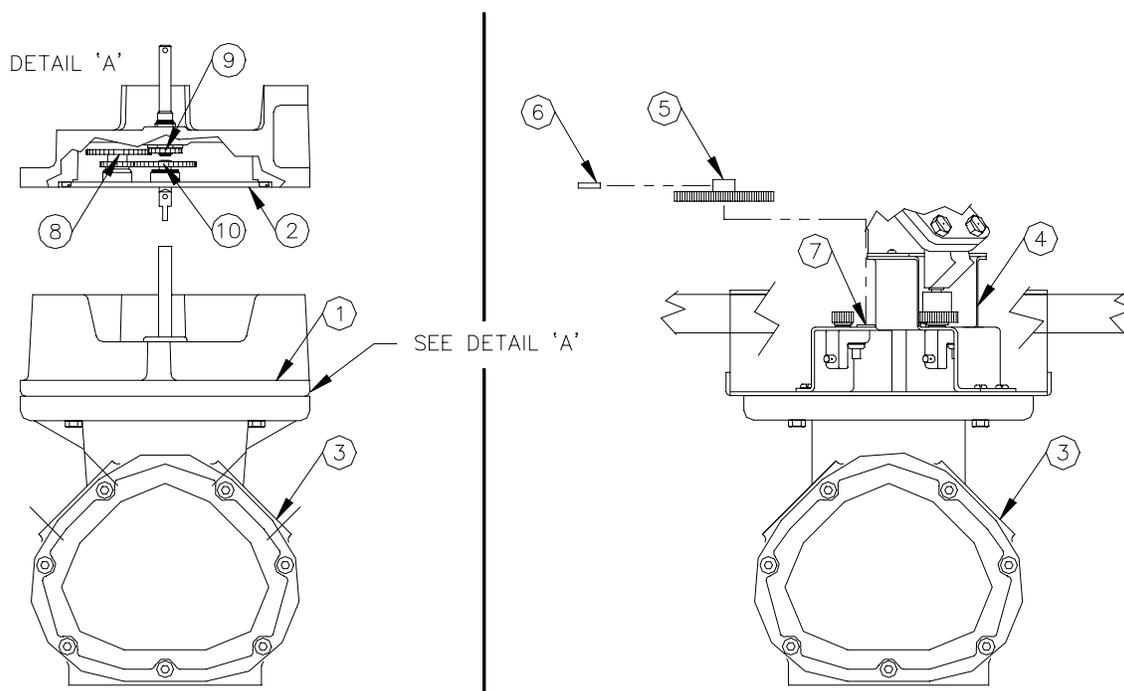
Item	Part No.	Description
1	035318	Manifold
2	044938	Pipe TBE, 1-1/2 x 6
3	066385	Union, 1-1/2 #150 Stockham

## MECHANICAL TOTALIZER



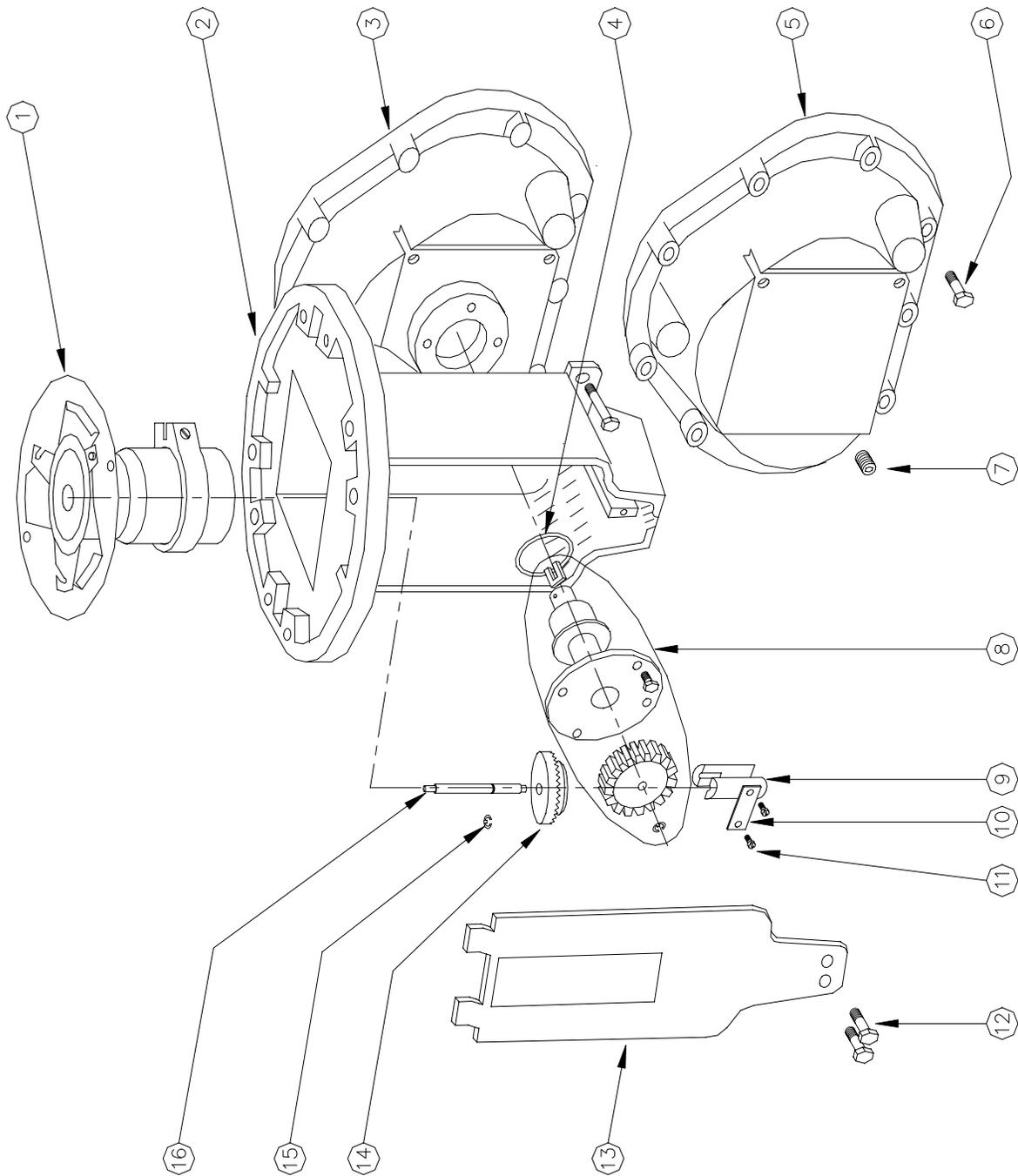
Item	Part No.	Description
1	039824	Totalizer Assy., 9-Digit, Gallon
	039825	Totalizer Assy., 9-Digit, Liter
2	017366	Cable Assy., 9-Digit Totalizer, 9800A
	017365	Cable Assy., 9-Digit Totalizer, 9850AXTW
3	015129	Totalizer Bracket, 9800A
4	069077	Totalizer Window, 9800A
5	0M0042	Tie-wrap, 5/8 Dia Max.
6	043220	Spirol Pin
7	C08126	Tie Wrap

## 9850A, 9850AX, 9850AXTW METER ASSEMBLY



Item	Part No.	Description
1	010068	Adapter Assy., 9850A, 9850AX, Gallon
	010069	Adapter Assy., 9850A, 9850AX, Liter
2	028408	Gear Plate Assy, gallon (sub-part of item 1)
	028414	Gear Plate Assy, liter (sub-part of item 1)
3	035434	Meter, LC
4	028212	Gear Train Assy., Gallon
	028211	Gear Train Assy., Liter
5	028202	Gear, 60 Tooth
6	042615	Driv-Lok Pin
7	011910	Bearing
8	028126	Gear Assy., US Gallon
9	028122	Gear Change, V/R 032996-040-40
10	028123	Gear Change, V/R 032996-078-78

**LIQUID CONTROLS METER COVER ASSEMBLY BREAKDOWN (9850A)**

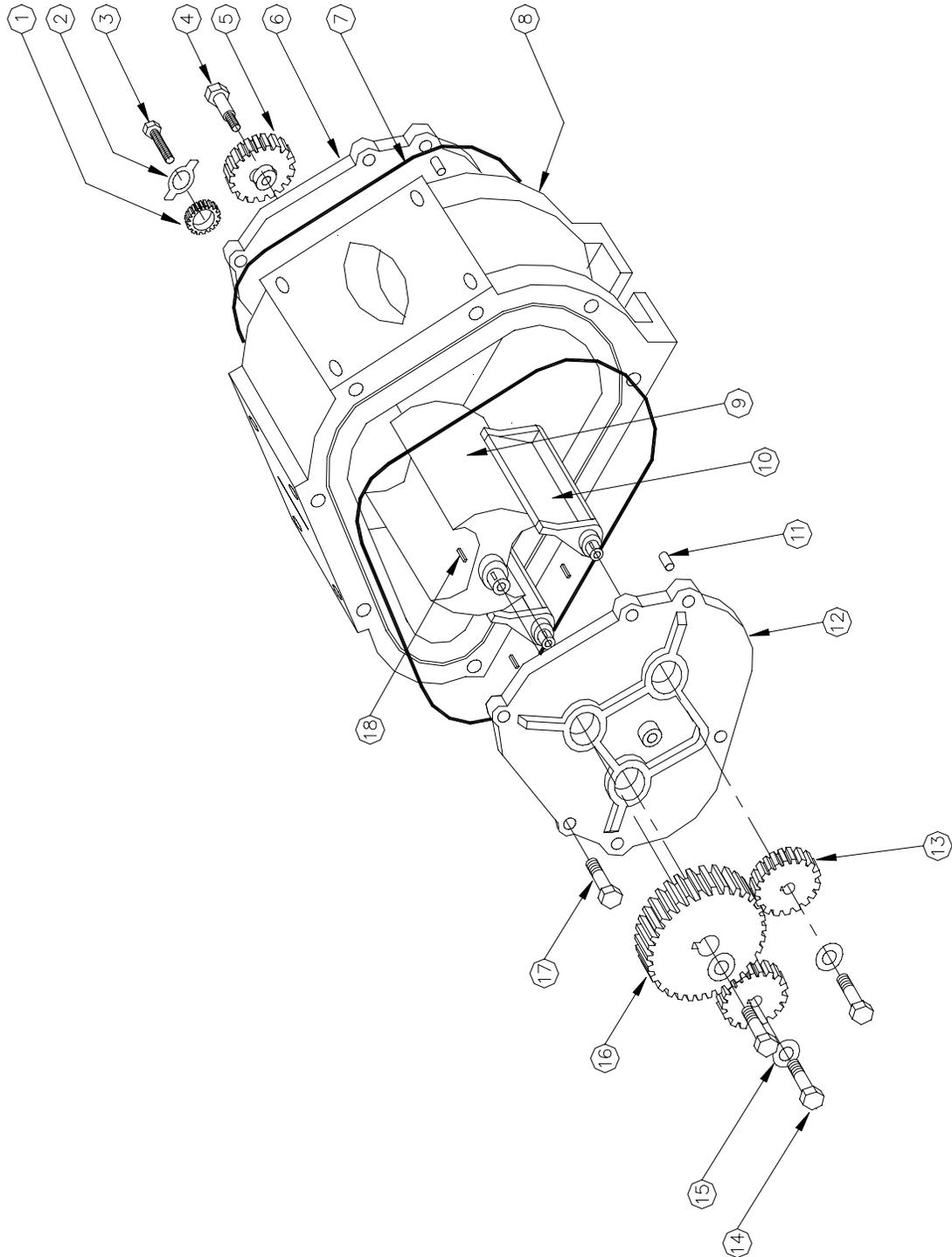


**LIQUID CONTROLS METER COVER ASSEMBLY BREAKDOWN (9850A)**

Item	Part No.	Description
1	S01101	Adjuster Assembly, LC49403
	S49404	Adjuster Assembly (See NOTE below for ordering information)
2	S00727	Housing, Adjuster, LC49434
3	S00728	Cover, Front LC48272
4	S00729	O-Ring, LC06856
5	S00730	Cover, Rear LC48273
6	S00731	Screw, LC09080
7	S00732	Plug, Pipe, LC06790
8	S00733	Packing Gland Assembly, LC48616
9	S00734	Bushing, Adj. Drive, LC41786
10	S00738	Spring, Retaining, LC48208
11	S00737	Screw, LC06845
12	S00735	Screw, Cover LC9093
13	S00736	Cover, Dust, LC49390
14	S00739	Gear, Adj. Drive, LC40122
15	S00740	Ring, Retaining, LC02188
16	S00741	Shaft, Hex Drive, LC48287

**NOTE:**            *If meter dust cover (item 13) is secured with one bolt, order adjuster part number S49404;  
if dust cover is secured with two to four bolts, order adjuster part number S01101.*

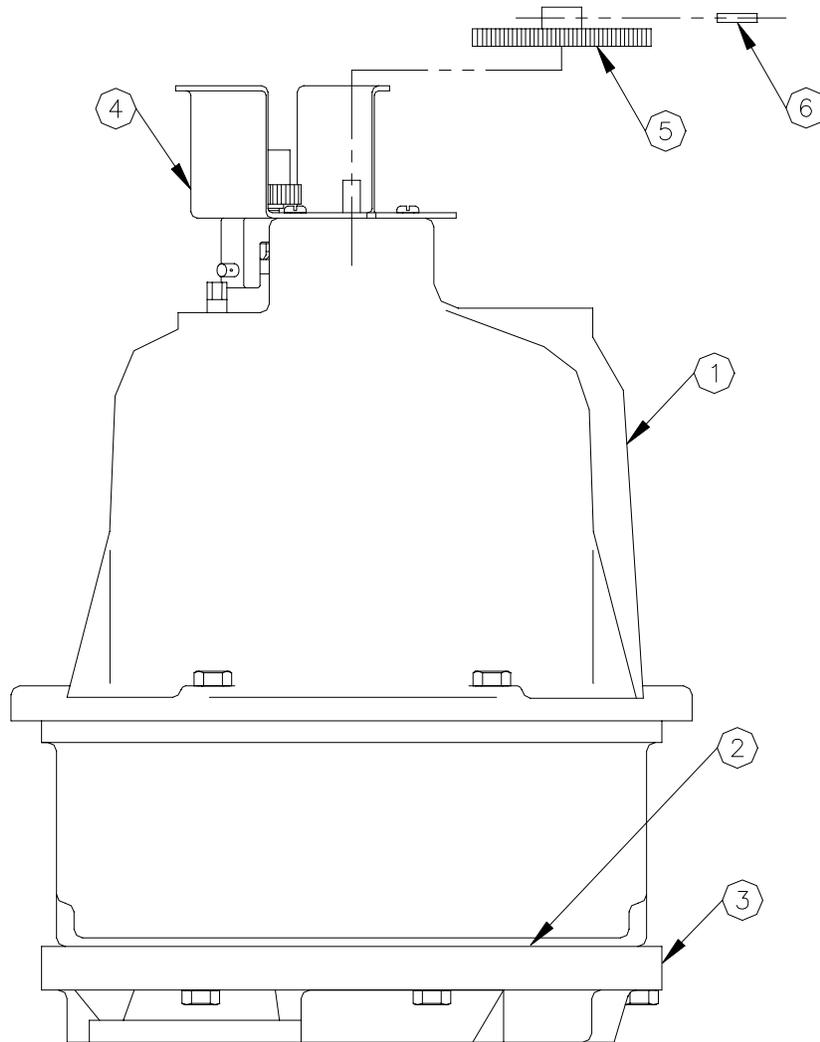
**LIQUID CONTROLS METER HOUSING ASSEMBLY BREAKDOWN (9850A)**



**LIQUID CONTROLS METER HOUSING ASSEMBLY BREAKDOWN (9850A)**

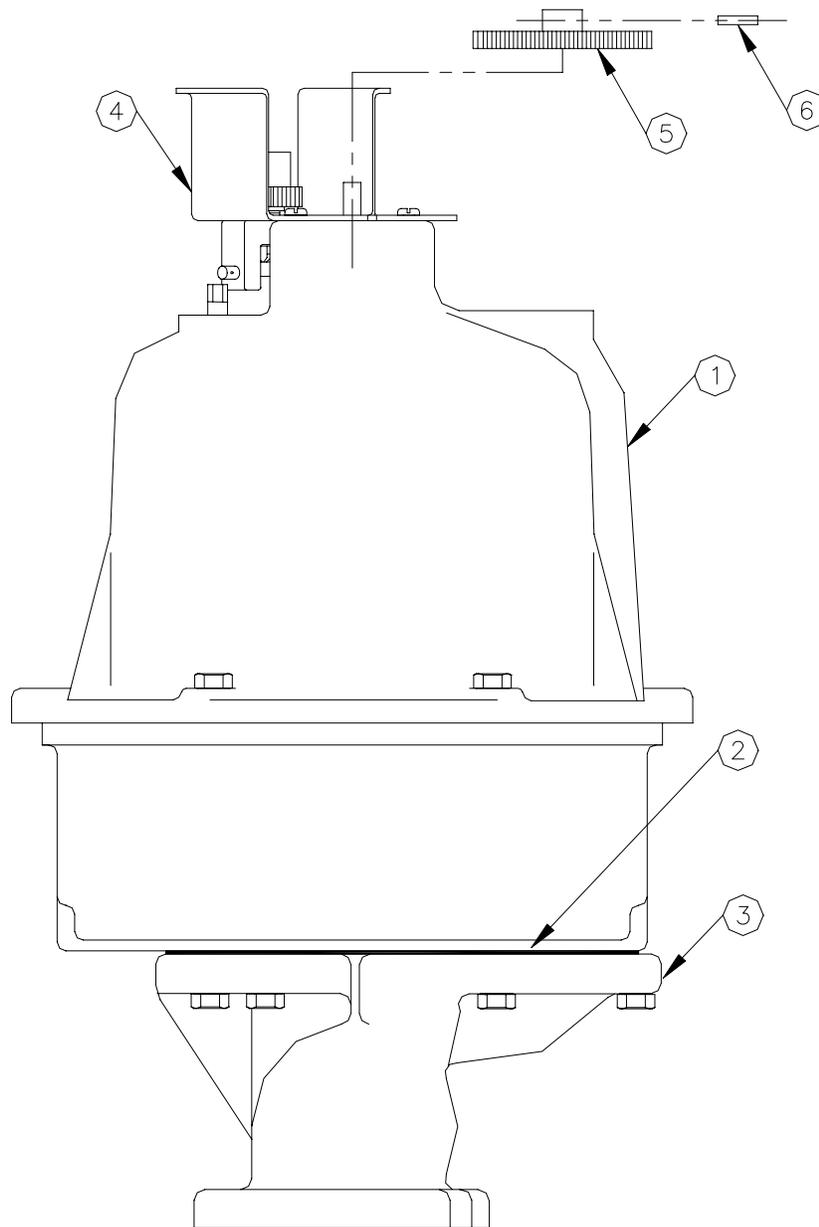
Item	Part No.	Description
1	S00742	Output Pinion, LC48257
2	S00743	Lockwasher, LC48277
3	S00756	Screw LC06973
4	S00744	Screw, Shoulder, LC48275
5	S00745	Output Gear, LC48276
6	S00710	Plate, Front Bearing, LC44744
7	S00723	O-Ring, LC09123
8	S00746	Housing, LC48270
9	S00747	Blocking Rotor and Key Assy., LC48919
10	S00748	Displacement Rotor and Key Assy., LC48920
11	S00749	Pin, Dowel, LC40665
12	S00711	Plate, Rear Bearing, LC44745
13	S00751	Gear, Displacement Pinion, LC48089
14	S00755	Screw, LC09084
15	S00752	Washer, LC48319
16	S00750	Gear, Blocking, LC48090
17	S00753	Screw, LC09079
18	S00754	Key, LC48345 ( <i>included as part of rotor assembly</i> )

**9840A, 9852A, 9853A, 9853AHC, 9852ATW1, 9852ATW2, 9853ATW2,  
9853ATW1M METER ASSEMBLY**



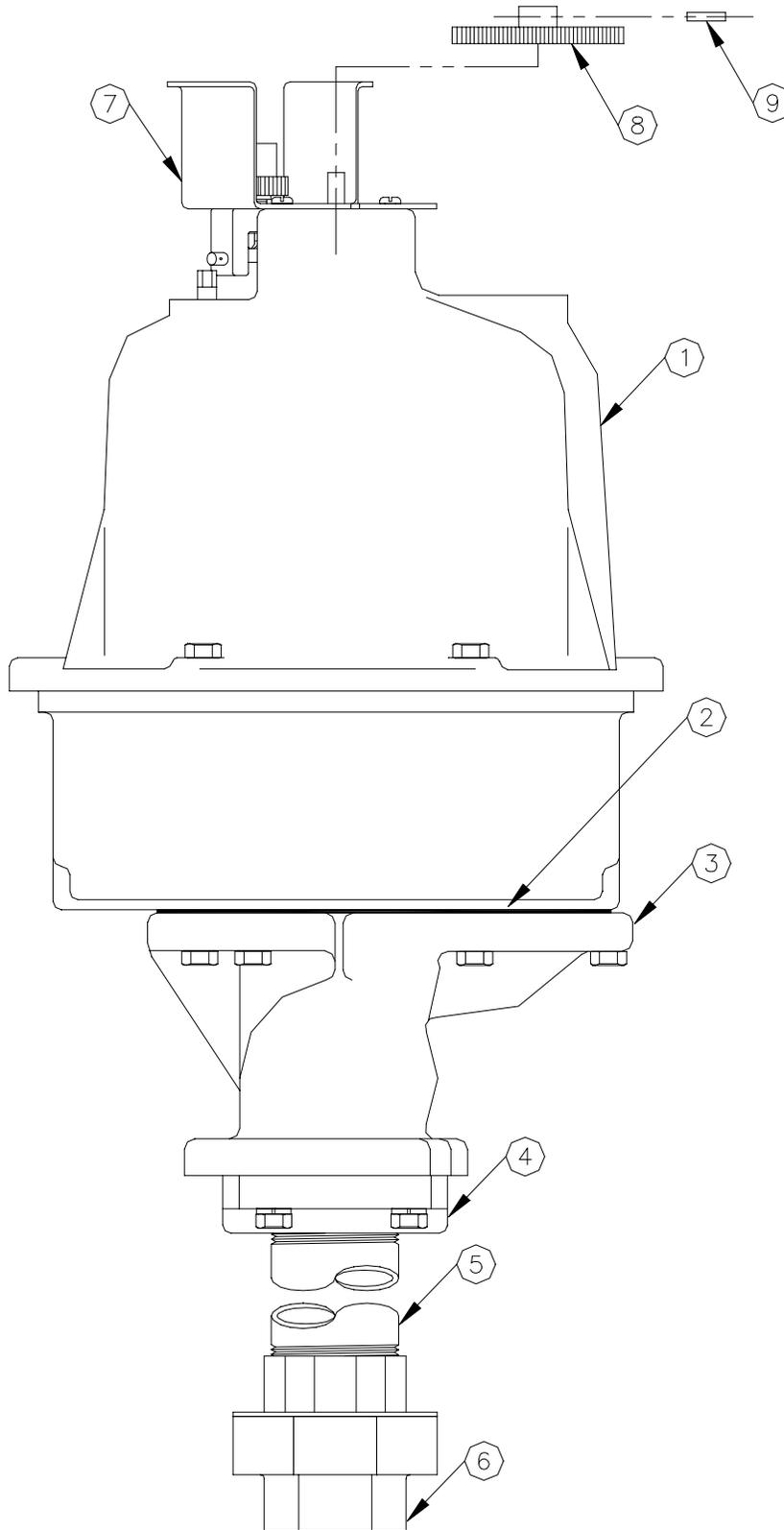
Item	Part No.	Description
1	035517	Meter, 4:1 Gallons
	035579	Meter, 4:1 Liter
	035587	Meter, 4:1 Imperial Gallons
2	027038	Gasket
3	035514	Meter Transfer Body
4	028203	Gear Train Assy.
5	028202	Gear, 60 Tooth
6	042615	Driv-Lok Pin

## 9852AXTW1, 9853AXTW1, 9840AX METER ASSEMBLY



Item	Part No.	Description
1	035517	Meter, 4:1 Gallons
	035579	Meter, 4:1 Liter
	035587	Meter, 4:1 Imperial Gallons
2	027038	Gasket
3		Strainer Body/Check Valve Assy. (See breakdown)
4	028203	Gear Train Assy.
5	028202	Gear, 60 Tooth
6	042615	Driv-Lok Pin

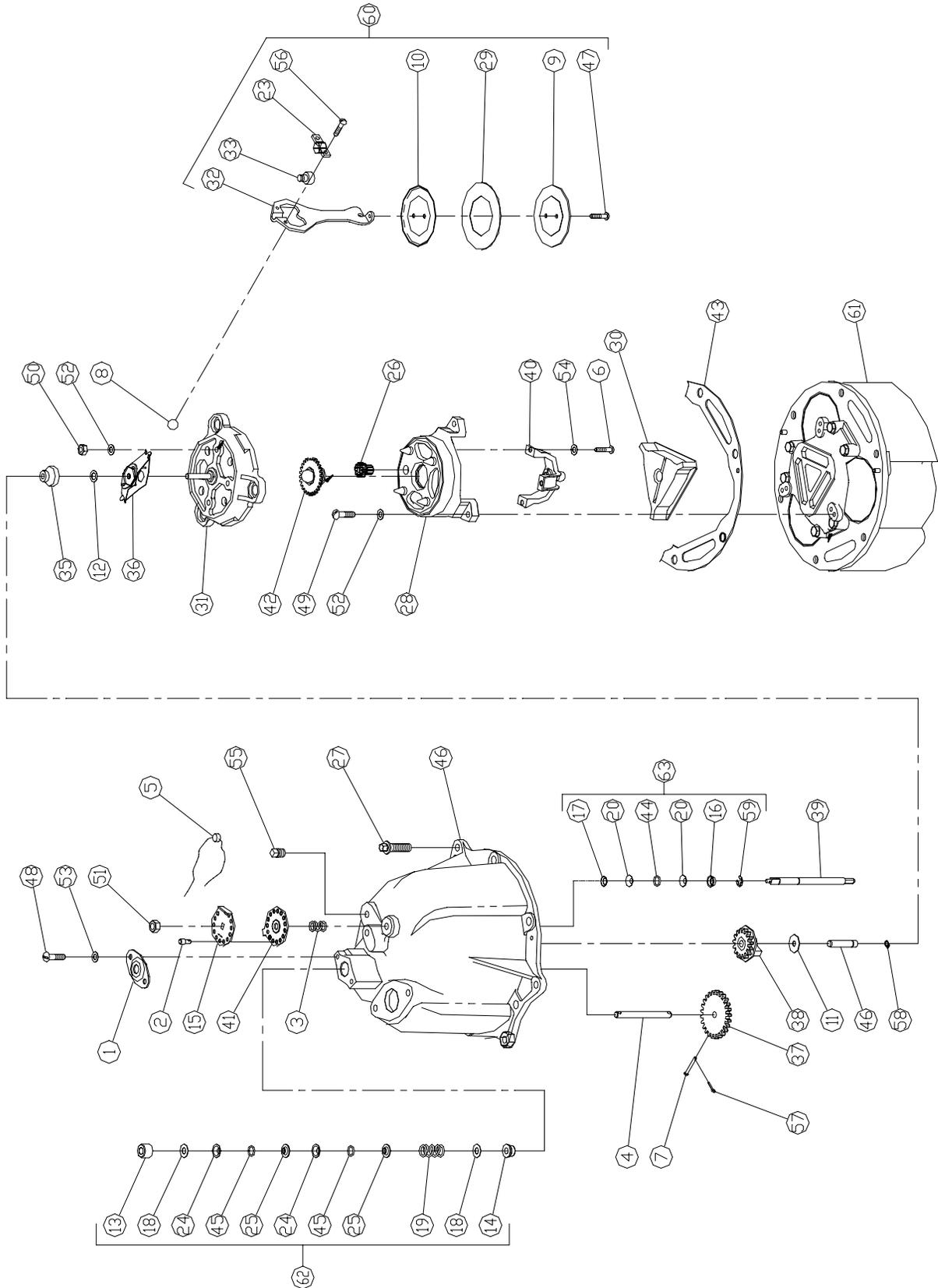
**9852AXTW2, 9853AXTW2 METER ASSEMBLY**



**9852AXTW2, 9853AXTW2 METER ASSEMBLY**

Item	Part No.	Description
1	035517	Meter, 4:1 Gallons
	035579	Meter, 4:1 Liter
	035587	Meter, 4:1 Imperial Gallons
2	027038	Gasket
3		Strainer Body/Check Valve Assy. ( <i>See breakdown</i> )
4	048138	Valve Housing
5	044394	Pipe TBE, 1-1/2 x 8
6	066385	Union, 1-1/2 #150 Stockham
7	028203	Gear Train Assy.
8	028202	Gear, 60 Tooth
9	042615	Driv-Lok Pin

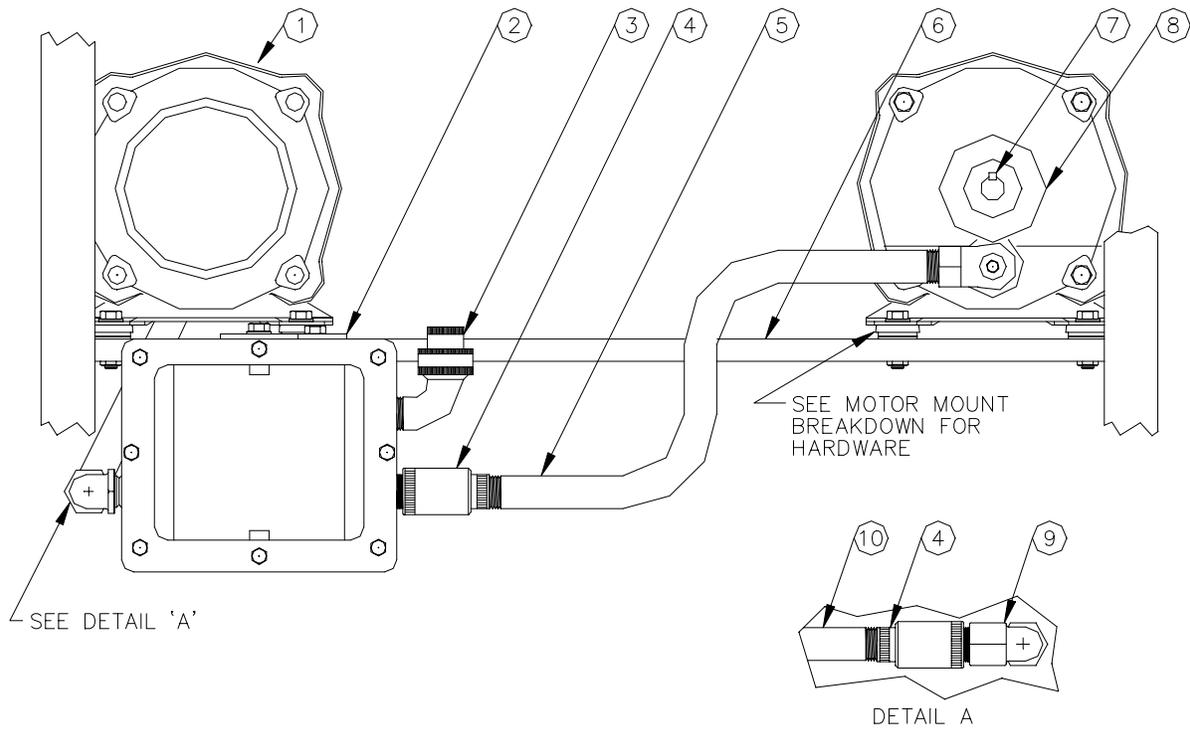
### 9800A METER ASSEMBLY BREAKDOWN



**9800A METER ASSEMBLY BREAKDOWN**

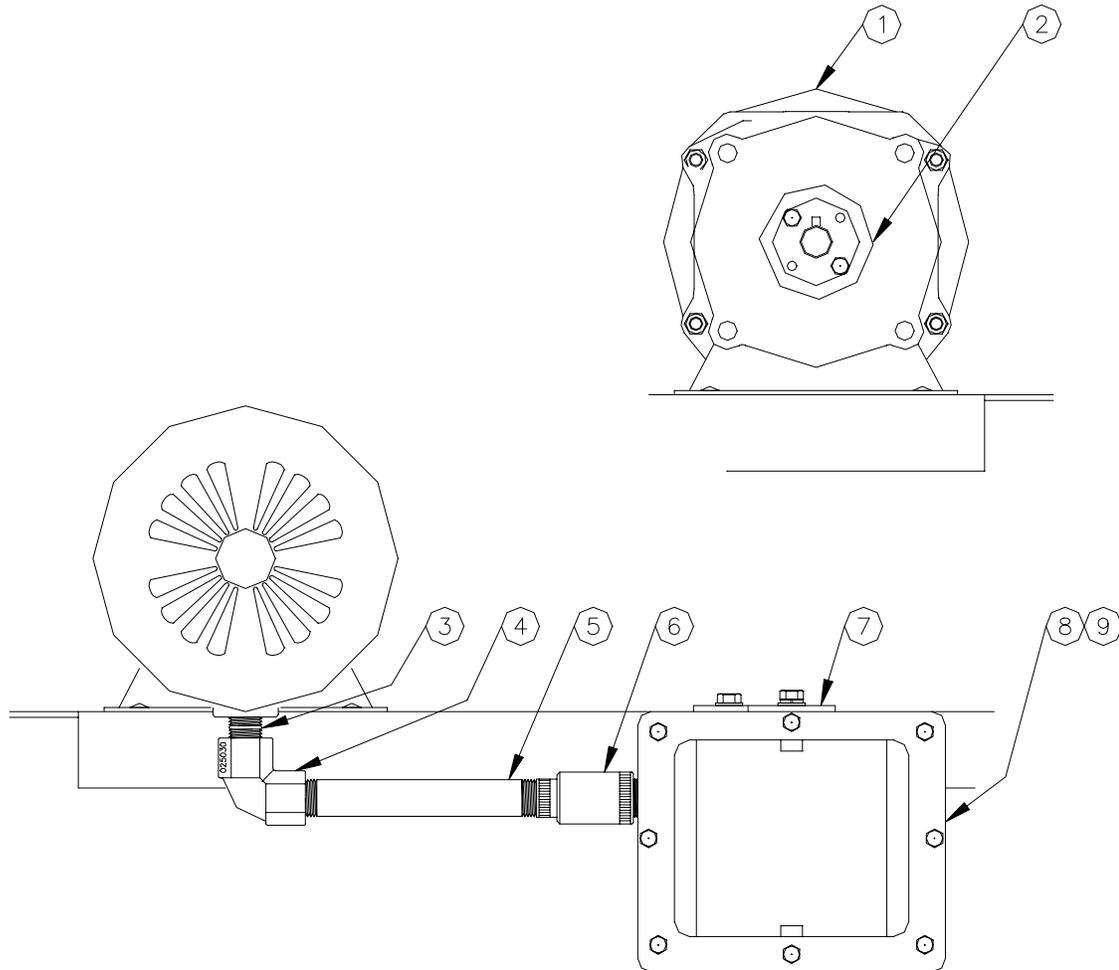
Item	Part No.	Description	Item	Part No.	Description
1	S00466	Packing Gland Plate	36	S00506	Slack Spring Assembly
2	S00467	Seal Pin	37	S00496	Drive Shaft Gear - Gal
3	S00469	Compensator Screw Spring		S00115	Drive Shaft Gear - Ltr
4	S00473	Drive Shaft	38	S00499	Counter Drive Gear Complete - Gal
5	069080	Seal & Seal Wire		S00114	Counter Drive Gear Complete - Ltr
6	S00475	Special Screw	39	S00497	Compensator Shaft
7	S00476	Drive Shaft Pin	40	S00500	Bracket & Pin Assembly
8	S00477	1/2" Ball	41	S00468	Index Plate
9	S00480	Plunger Cup Support	42	S00479	Pivot & Ball Assembly
10	S00481	Plunger Disc	43	S00470	Meter Body Gasket
11	S00482	Washer	44	S00471	O-Ring (.362 Dia.)
12	S00483	Washer	45	S00472	O-Ring (.487 Dia)
13	S00484	Upper Bearing Assembly	46	S00486	Meter Cover w/ Center Gear Post, Index Plate, Pipe Plug & Retaining Ring
14	S00485	Bearing Assembly	47	S00509	Mach. Screw, 10-32 x 3/8 Lg. Rd. Hd.
15	S00487	Compensator Index Disc	48	S00507	Mach. Screw, #12-24 x 1/2 Lg. Rd. Hd.
16	S00488	Seal Half	49	S00508	Mach. Screw, 1/4-20 x 3/4 Lg. Rd. Hd.
17	S00489	Seal Wedge	50	S00511	Hex Nut, 1/4-20
18	S00490	Washer	51	S00510	Hex Nut, 5/16-18
19	S00492	Packing Spring	52	S00520	Lockwasher, 1/4
20	S00493	Seal	53	S00513	Lockwasher, #1212
23	S00494	Bearing Retainer	54	S00514	Lockwasher, #1114
24	S00495	Seal (black)	55	S00515	Pipe Plug, 1/8 Sq. Hd.
25	S00491	Seal Retaining Ring	56	S00516	Sems Fastener, #10-32 x 3/8 Lg. Rd. Hd.
26	S00478	Compensator Pinion	57	S00517	Cotter Pin, 1/16 x 1/4 Lg.
27	S00512	Screw	58	S00518	Truarc Retaining Ring
28	S00498	Main Pivot Bracket Assembly w/ Pins	59	S00519	Truarc "E" Retaining Ring
29	S00032	Plunger Cup Kit (Set of 3 Cups)	60	S00521	Plunger Assy. w/ Bearing Retainer, Bearing Seat & Sems Fastener
30	S00501	Valve	61	S00522	Body & Seat Assembly w/ Pins
31	S00502	Wobble Plate w/ Slack Roller Post	62	S00523	Meter Drive Shaft Kit
32	S00503	Connector	63	S00130	Shaft-Seal Kit
33	S00504	Bearing Seat			
35	S00505	Slack Roller Assembly			

### 9840 MOTOR



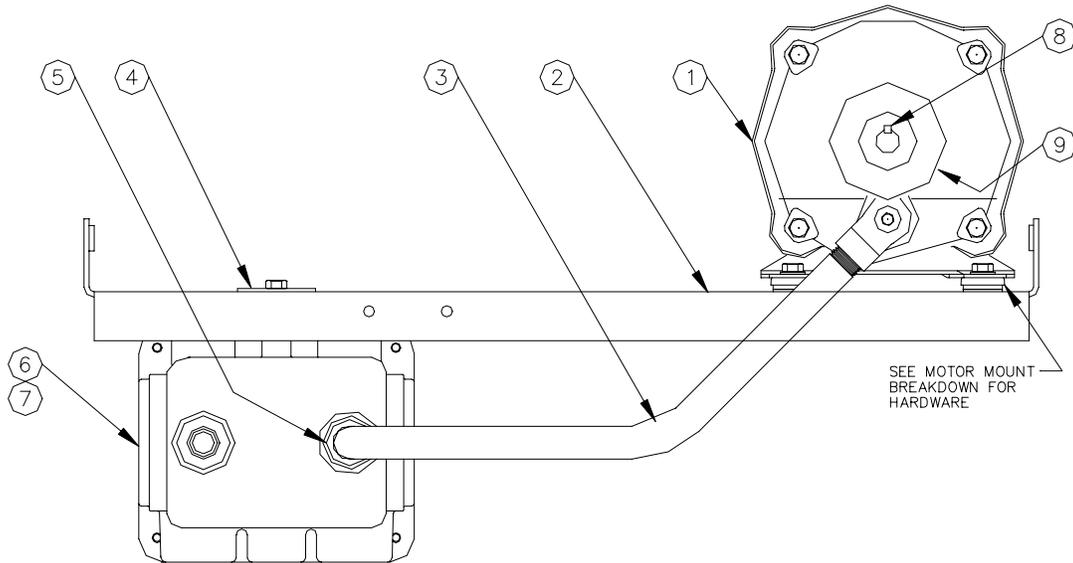
Item	Part No.	Description
1	F37696	Motor, Franklin, 3/4 HP, 60 Hz., 56 FR CW
	F37429	Motor, Franklin, 3/4 HP, 50 Hz., 56 FR CW
	F37709	Motor, Franklin, 3/4HP, 50/60 Hz., 380V, 3 PH, 56 FR
2	015761	Bracket, AC JBox, Kraus
3	025190	Union, 90o
4	066400	1/2" UNY Explosion-Proof Conduit
5	069709	Conduit, Motor, Right side
6	015095	Motor Support Brkt Weld Assy.
7	031315	Key
8	047006	Pulley, 5/8 Bore, 2-3/4, 60 Hz. units
	047023	Pulley, 5/8 Bore, 3-1/4, 50 Hz. units built after serial number: 486406
9	025045	Elbow, Conduit, 1/2 x 90o M/F
10	069710	Conduit, Motor, Left

## 9850 MOTOR



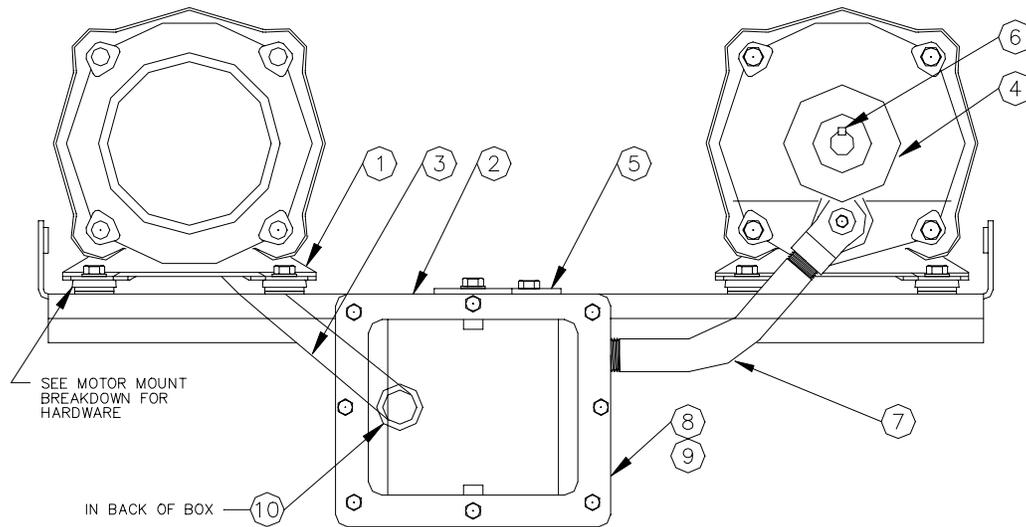
Item	Part No.	Description
1	F37340	Motor, 1-1/2 HP, 60 Hz, 56FR, CW, 9850A
	F37712	Franklin, 1-1/2 HP, 50 Hz, 56FR, CW
2	047612	Pulley, Gearbelt, 3/4 Shaft Motor
	047614	Pulley, 7/8 Shaft Motor, 50 Hz
3	021345	Pipe, TBE, 1/2 x 1-1/2 Zinc Pltd
4	025030	Elbow, Conduit, 1/2 x 90o F/F
5	021401	Conduit, 1/2 x 7
6	066400	1/2 UNY Explosion-proof Conduit Union
7	014837	Bracket, AC J-Box, 9850A
8	003156	AC Junction Box, Mach, 9850A, 9850AX
9	003117	AC J-Box Cover

**9852A, 9853A MOTOR**



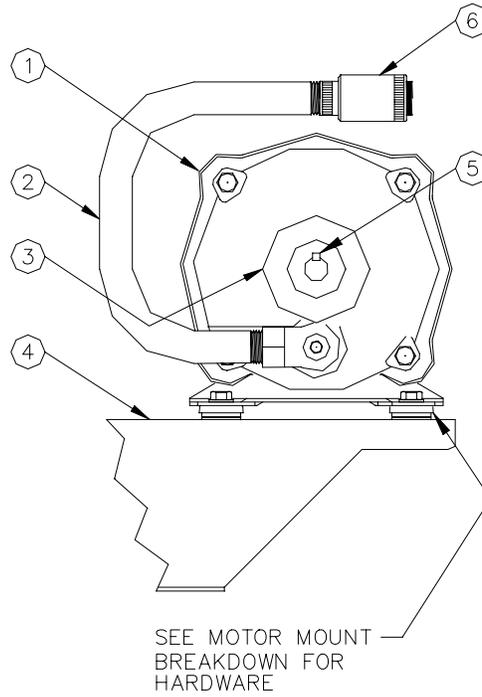
Item	Part No.	Description
1	F37696	Motor, 3/4 HP, 60Hz, 56FR, CW, 9853A
	F37429	Motor, 3/4 HP, 50Hz, 56FR, CW, 9853A
	F37711	Motor, 1/2 HP, 60Hz, 56FR, CW, 9852A
	F37334	Motor, 1/2 HP, 50Hz, 56FR, CW, 9852A
	F37709	Motor, Franklin, 3/4HP, 50/60 Hz., 380V, 3 PH, 56 FR
2	015094	Meter/Motor Bracket Weld Assy.
3	069723	Conduit, Motor
4	015697	Bracket, AC Box Support
5	066400	1/2 UNY Explosion-proof Conduit Union
6	003157	AC Junction Box
7	003117	AC Junction Box Cover
8	031315	Key
9	047014	Pulley, 5/8" bore, 3", 60 Hz., 9853A
	047006	Pulley, 5/8" bore, 2-3/4, 50 Hz., 9853A
	047005	Pulley, 5/8" bore, 2.4, 60 Hz./50Hz., 9852A

## 9853AHC MOTOR



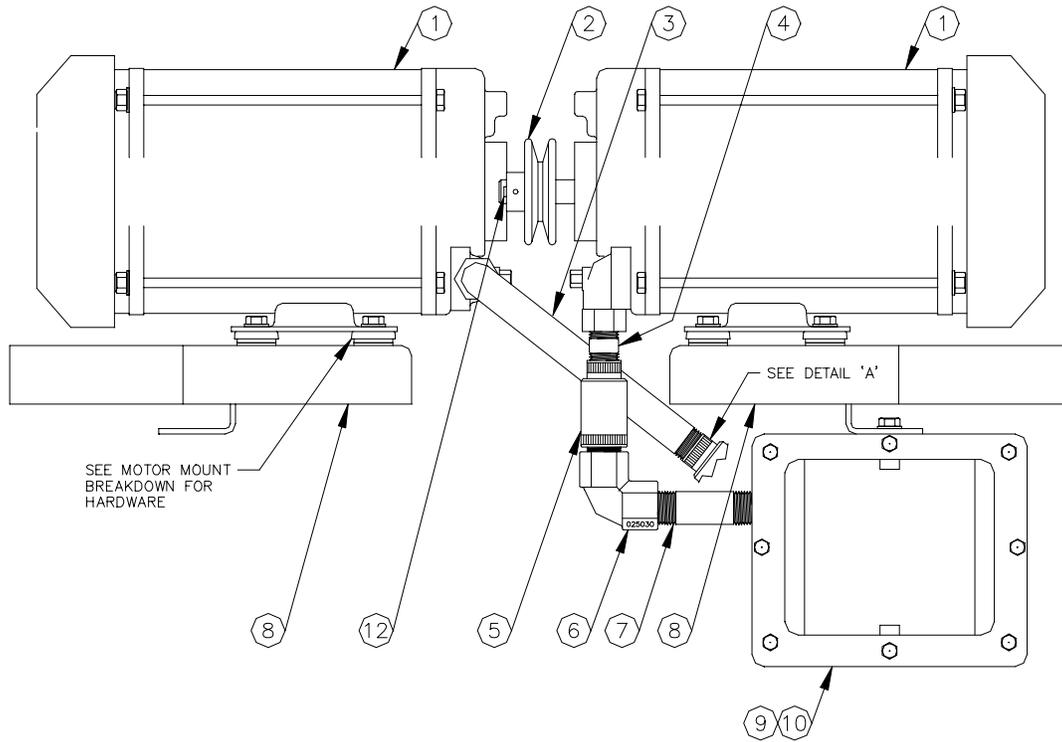
Item	Part No.	Description
1	F37696	Motor, 3/4 HP, 60Hz, 56FR, CW
	F37429	Motor, 3/4 HP, 50Hz, 56FR, CW
	F37709	Motor, Franklin, 3/4HP, 50/60 Hz., 380V, 3 PH, 56 FR
2	015094	Meter/Motor Bracket Weld Assy.
3	069718	Conduit, Motor
4	047014	Pulley, 5/8" bore, 3", 60 Hz./50 Hz.
5	015786	Bracket, AC J-Box
6	031315	Key
7	069719	Conduit, Motor, Short
8	003157	AC Junction Box
9	003117	AC Junction Box Cover
10	066400	1/2 UNY Explosion-proof Conduit Union

**9852ATW1 MOTOR**

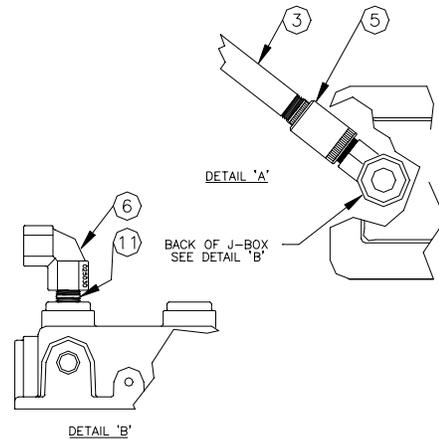


Item	Part No.	Description
1	F37696	Motor, 3/4 HP, 60Hz, 56FR, CW, 9852ATW1
	F37429	Motor, 3/4 HP, 50Hz, 56FR, CW, 9852ATW1
2	069727	Conduit, Motor
3	047006	Pulley, 5/8" bore, 2-3/4, 50 Hz.
	047005	Pulley, 5/8" bore, 2.4, 60 Hz.
4	015076	Bracket, Motor Support
5	031315	Key
6	066400	1/2 UNY Explosion-proof Conduit Union

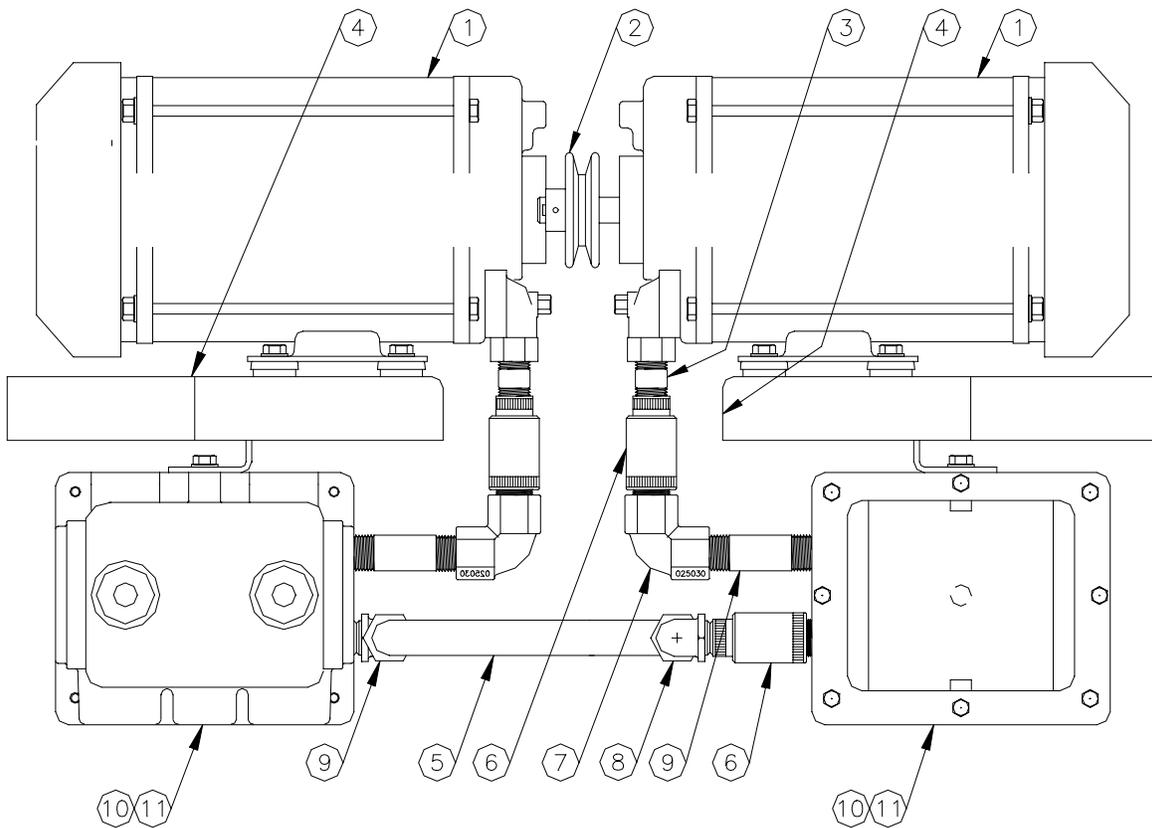
**9852TW2, 9853ATW2, 9853ATW1M MOTOR**



Item	Part No.	Description
1	F37694	Motor, 3/4 HP, 60Hz, 56FR, CC, 9853ATW2
	F37428	Motor, 3/4 HP, 50Hz, 56FR, CC,
	F37710	Motor, 1/2 HP, 60Hz, 56FR CC, 9852ATW2
	F37334	Motor, 1/2 HP, 50Hz, 56FR CW, 9852ATW2
2	047006	Pulley, 5/8" bore, 2-3/4, 60 Hz., 9853ATW2
	047005	Pulley, bore 2.4, Var 8350 x 5/8", 50/60 Hz., 9852ATW2
	047014	Pulley, 5/8" bore, 3", 50 Hz., 9853ATW2, 9853ATW1M
3	069722	Conduit, Motor, Left
4	021345	Pipe TBE, 1/2 x 1-1/2 Zinc Plt
5	066400	1/2 UNY Explosion-proof Conduit Union
6	025030	Elbow, Conduit 1/2 x 90 F/F MCH
7	021365	Conduit, 1/2 x 3-3/4
8	063949	Platform Motor
9	003116	AC Junction Box
10	003117	AC Junction Box Cover
11	021337	Conduit, 1/2 x 2
12	031315	Key

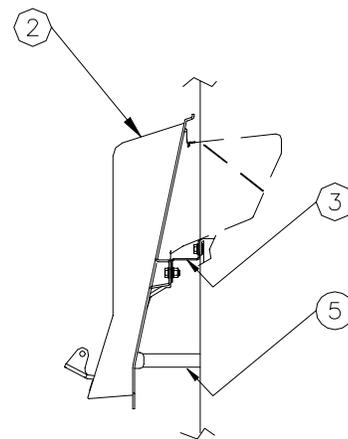
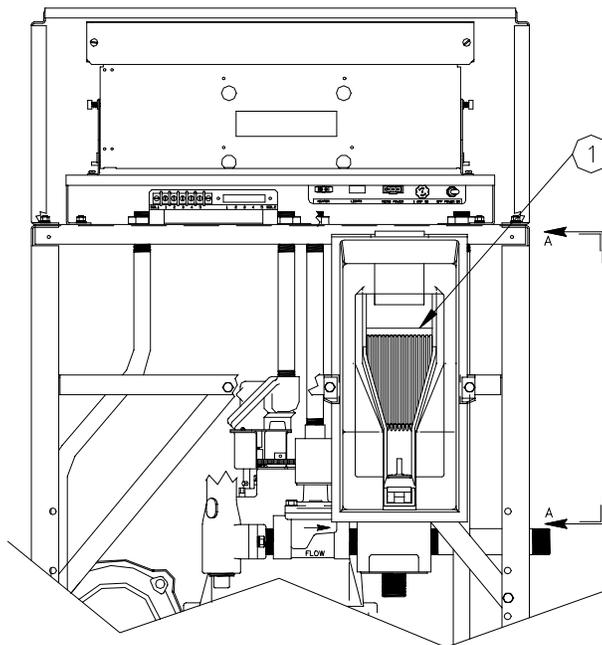


**9853ATW2, 9853ATW1M MOTOR, 380V**



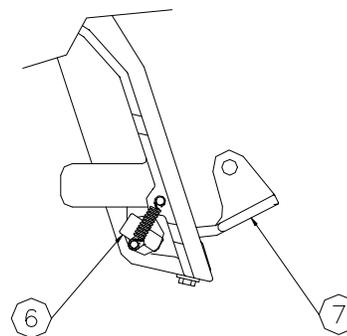
Item	Part No.	Description
1	F37709	Motor, 3/4HP, 50/60Hz, 380V, 3PH, 56Fr, CCW
2	047014	Pulley, 5/8 Bore, 3"
3	021345	Pipe TBE, 1/2 x 1-1/2, Zinc Pltd
4	063949	Platform Motor
5	023177	Conduit, Junction Boxes
6	066440	1/2" UNY Explosion-proof Conduit Union
7	025030	Elbow, Conduit, 1/2 x 90° F/F
8	025045	Elbow, Conduit, 1/2 x 90° M/F
9	021364	Conduit, 1/2 x 3-1/2
10	003116	AC Junction Box
11	003117	AC Junction Box Cover

## NOZZLE BOOT, FRONT LOAD OPTION

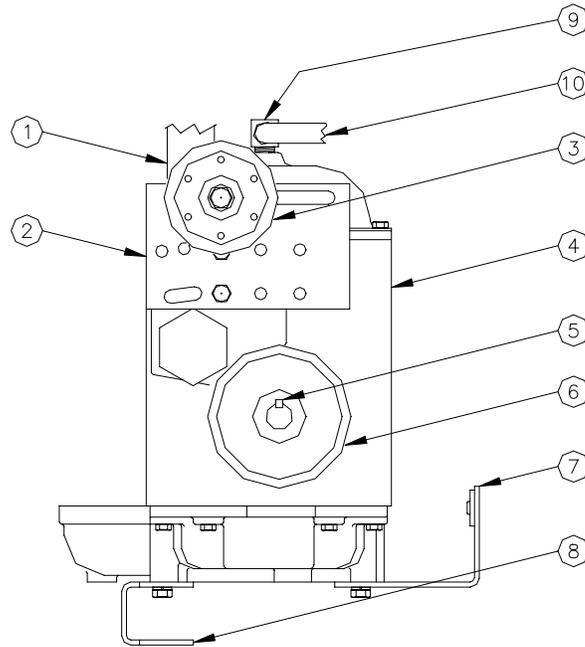


VIEW A-A

Item	Part No.	Description
1	013643	Nozzle Boot Assembly (Includes switch)
2	013641	Nozzle Boot Shroud
3	014841	Bracket
4	046621	Decal, Operating Instructions (Not Shown)
5	015185	Bracket Boot
	015186	Bracket Boot, Twin
6	032136	Mercury Switch Kit
7	064402	Nozzle Lever

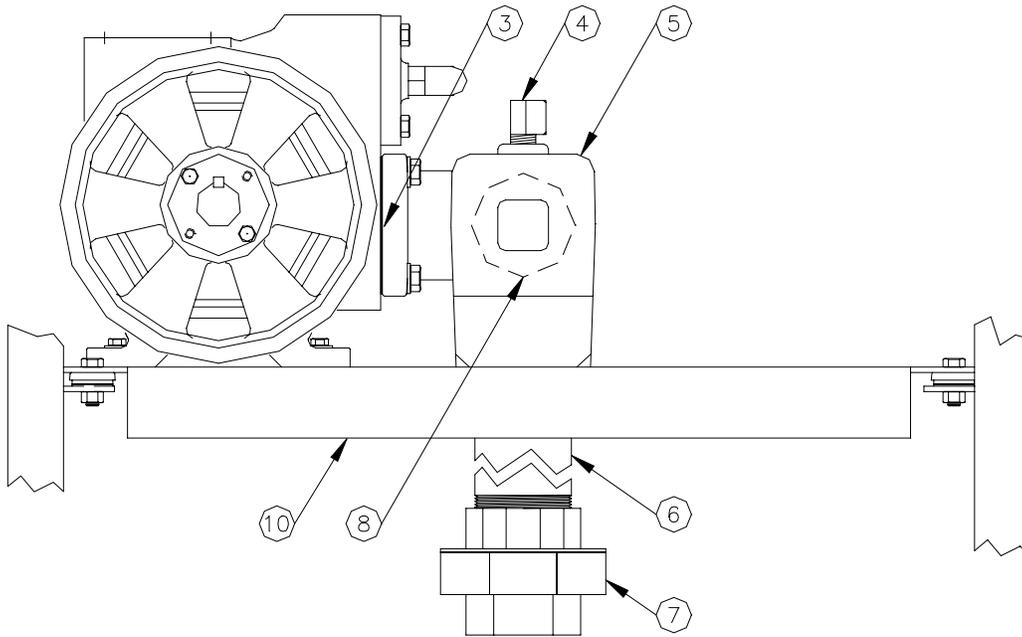


**9840 PUMPING UNIT ASSEMBLY**

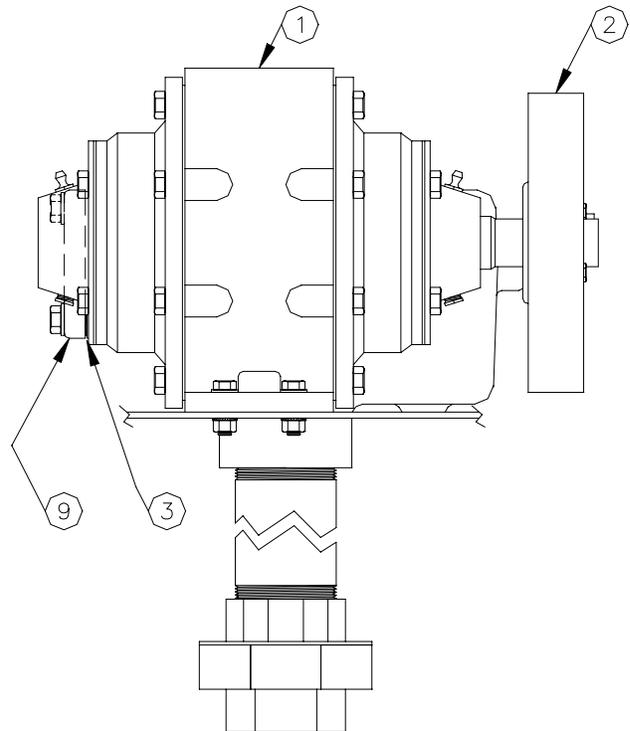


Item	Part No.	Description
1	015765	Coupling Nipple
2	047008	Idler Arm
3	047009	Pulley, Idler
4	048080	Pumping Unit
5	031315	Key
6	047597	Pulley, Pump, 3-1/2" OD, 3/4" bore keyway
7	015622	Pump Support Bracket Weld
8	015531	Bracket, Pump Support
9	026044	Fitting, 3/8 Ct Elbow
10	065832	Vent Tube Assy.

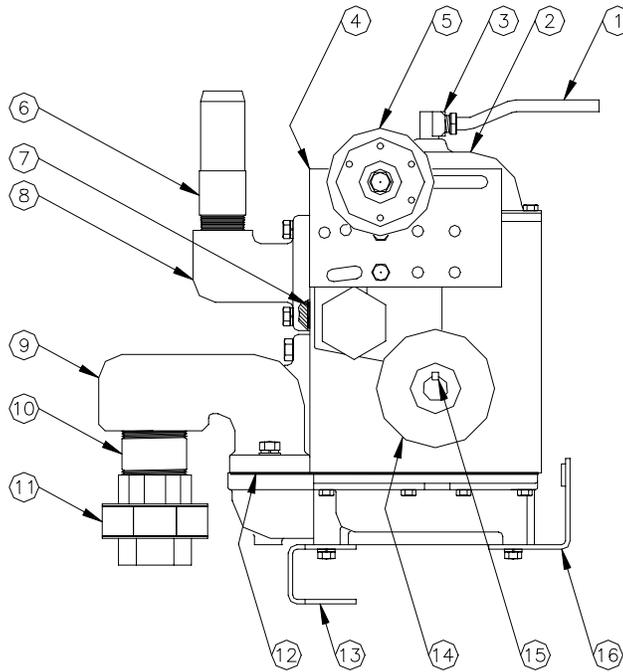
**9850A PUMP AND PLATFORM ASSEMBLY**



Item	Part No.	Description
1	047969	Pump, Blackmer XU-2
2	047611	Pulley, Gearbelt Pump
3	027361	Gasket Flange, 2"
4	026045	Fitting, 1/2 CT Elbow, Inv FI
5	003071	Base Pump Strainer Housing
6	044942	Pipe TBE, 2 x 6
7	066386	Union, 2" Std Blk
8	063369	Strainer
9	003502	Cover, Strainer Base Pump
10	047227	Platform Pump and Motor

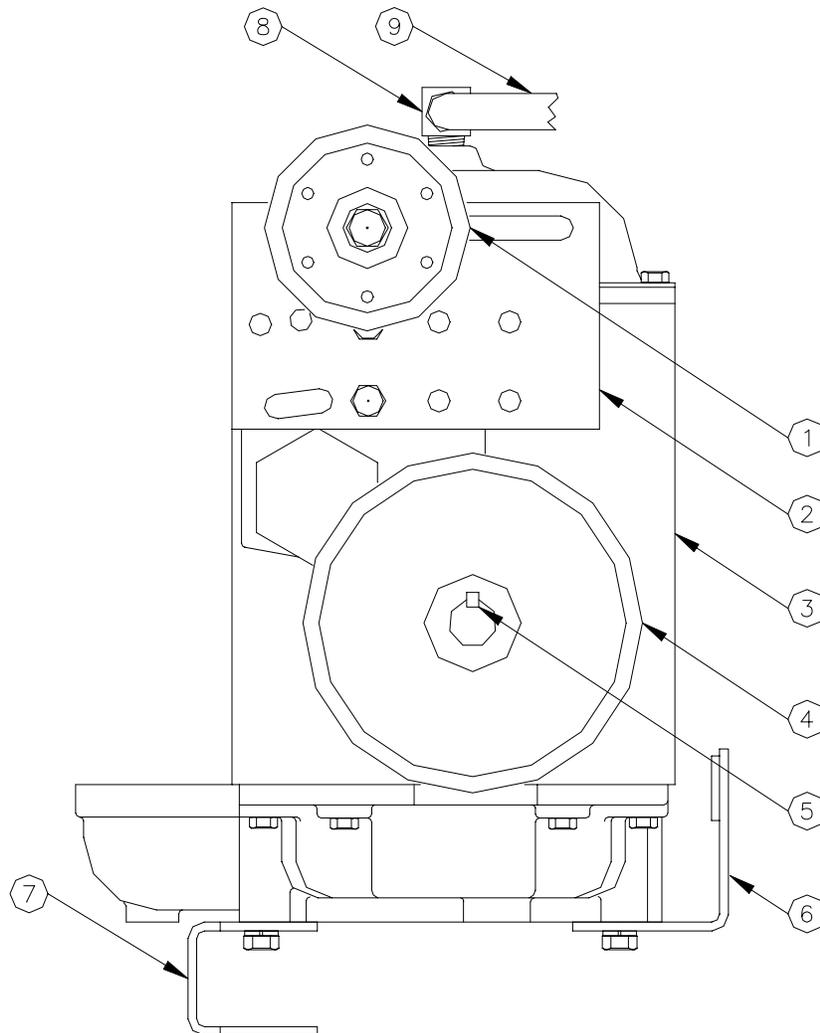


## 9852A, 9853A PUMPING UNIT ASSEMBLY



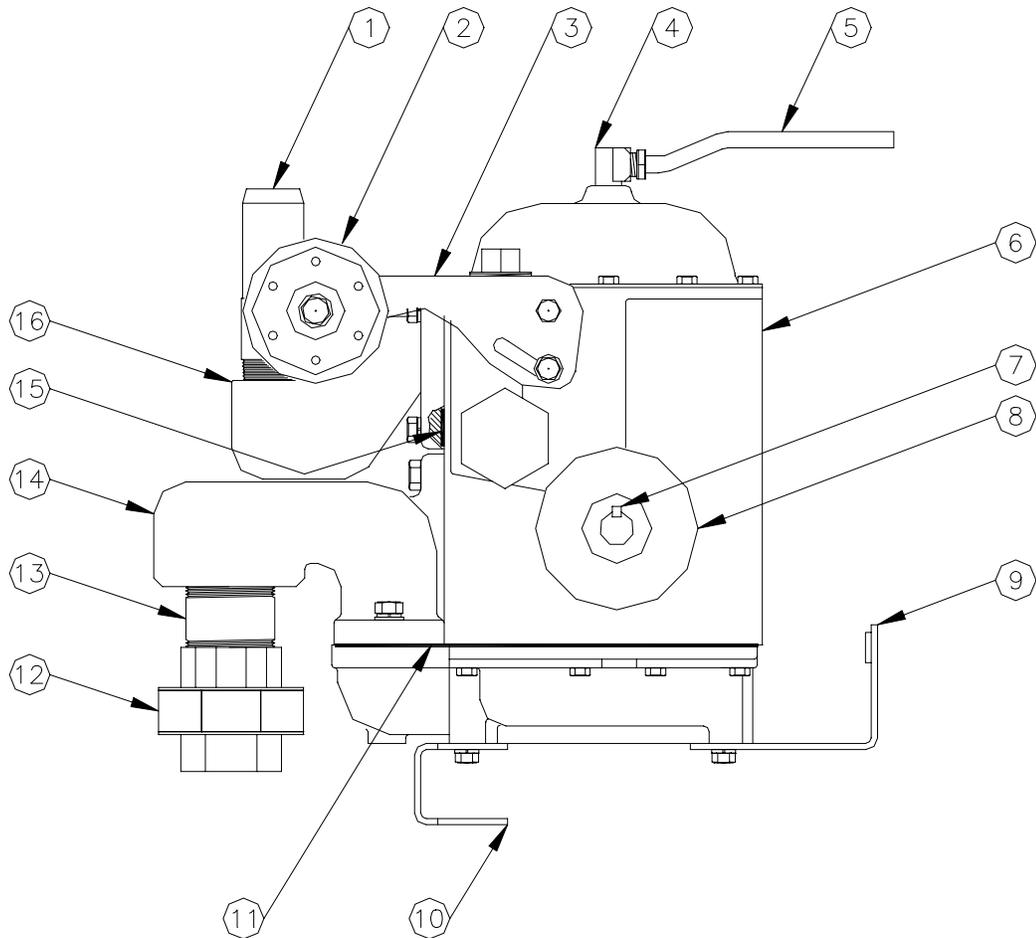
Item	Part No.	Description
1	065833	Vent Tube Assy.
2	048392	Pumping Unit, 9853A
	048393	Pumping Unit, 9852A
3	026044	Fitting, 3/8 Ct Elbow, Inv FI
4	047008	Idler Arm
5	047009	Pulley, Idler
6	015695	Coupling Nipple
7	027003	Gasket
8	048397	Pump Discharge
9	048398	Pump Inlet
10	044907	Pipe, TBE, 1-1/2 x 2-1/4
11	066385	Union, 1-1/2 #150 Stockham
12	027001	Pump Inlet Gasket
13	015531	Bracket, Pump Support
14	047597	Pulley, 3/4 Bore, 3-1/2", 9853A 50 Hz.
	047598	Pulley, 3/4 Bore, 4", 9852A, 9853A, 9852A 50 Hz.
15	031315	Key
16	015621	Pump Support Bracket, Weld Assy.

## 9853AHC PUMPING UNIT ASSEMBLY



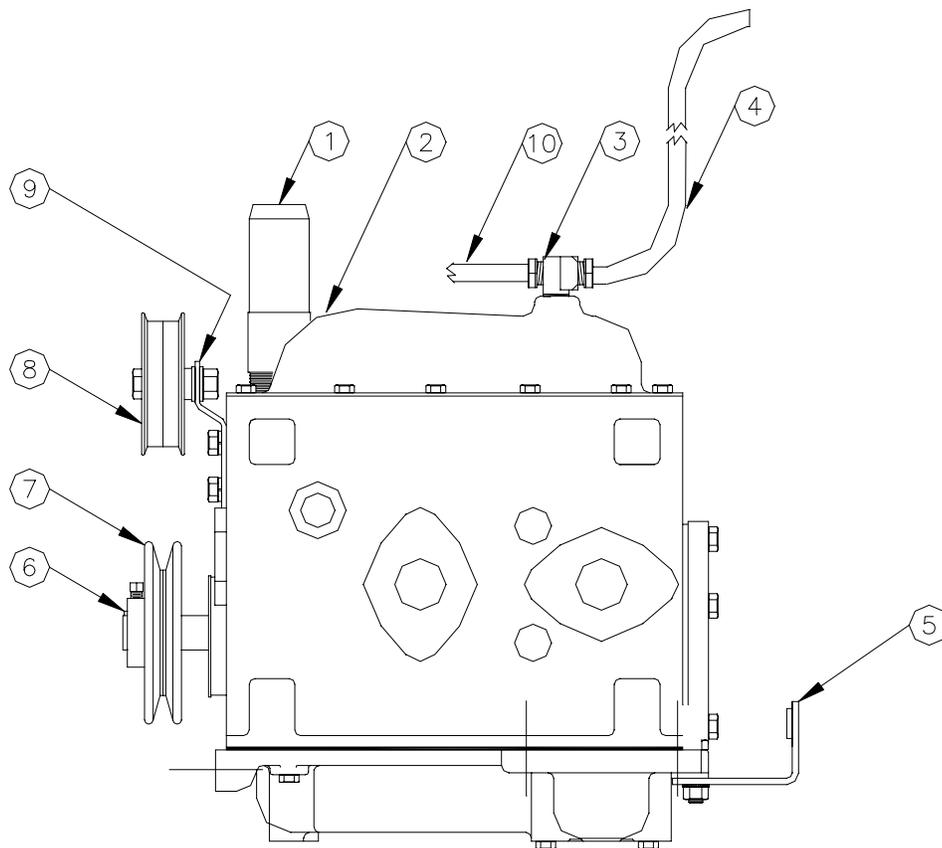
Item	Part No.	Description
1	047009	Pulley, Idler
2	047008	Idler Arm
3	048080	Pumping Unit
4	047015	Pulley, 3/4 Bore, 5-1/4
5	031315	Key
6	015621	Pump Support Bracket, Weld Assy.
7	015531	Bracket, Pump Support
8	026044	Fitting, 3/8 Ct Elbow, Inv Fl
9	065833	Vent Tube Assy.

**9852ATW1 PUMPING UNIT ASSEMBLY**



Item	Part No.	Description
1	015695	Coupling Nipple
2	047009	Pulley, Idler
3	047007	Idler Arm
4	026044	Fitting, 3/8 Ct Elbow, Inv FI5
5	065832	Vent Tube Assy.
6	048392	Pumping Unit
7	031315	Key
8	047597	Pulley, 3/4 Bore, 3-1/2
9	015622	Pump Bracket Assy.
10	015531	Bracket, Pump Support
11	027001	Pump Inlet Gasket
12	066385	Union, 1-1/2 #150 Stockham
13	044907	Pipe, TBE, 1-1/2 x 2-1/4
14	048398	Pump Inlet
15	027003	Gasket
16	048399	Pump Discharge

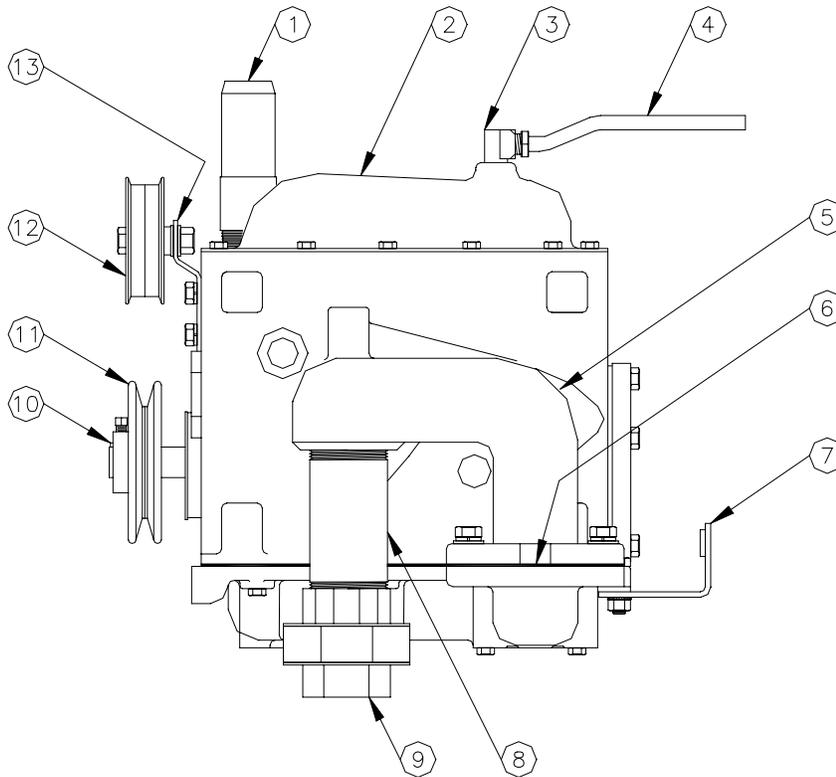
## 9853ATW1M PUMPING UNIT ASSEMBLY



Item	Part No.	Description
1	015696	Coupling Nipple, 3-7/8
2	048949	Pumping Unit (See Note)
3	026044	Fitting, 3/8 Ct Elbow
	026206	Fitting, 3/8 Ct Tee (See Note)
4	065844	Vent Tube Assy.
5	015623	Pump Support Bracket Weld Assy.
6	031315	Key
7	047597	Pulley, 3/4 Bore, 3-1/2, 9853ATW2
8	047009	Pulley, Idler
9	047008	Idler Arm
10	065845	Vent Tube Assy.

**NOTE:** If your model was built prior to serial number 471906, you must also order check valve retrofit kit 032104 when replacing this pumping unit. (Serial number is found on the UL nameplate on the side of the unit.)

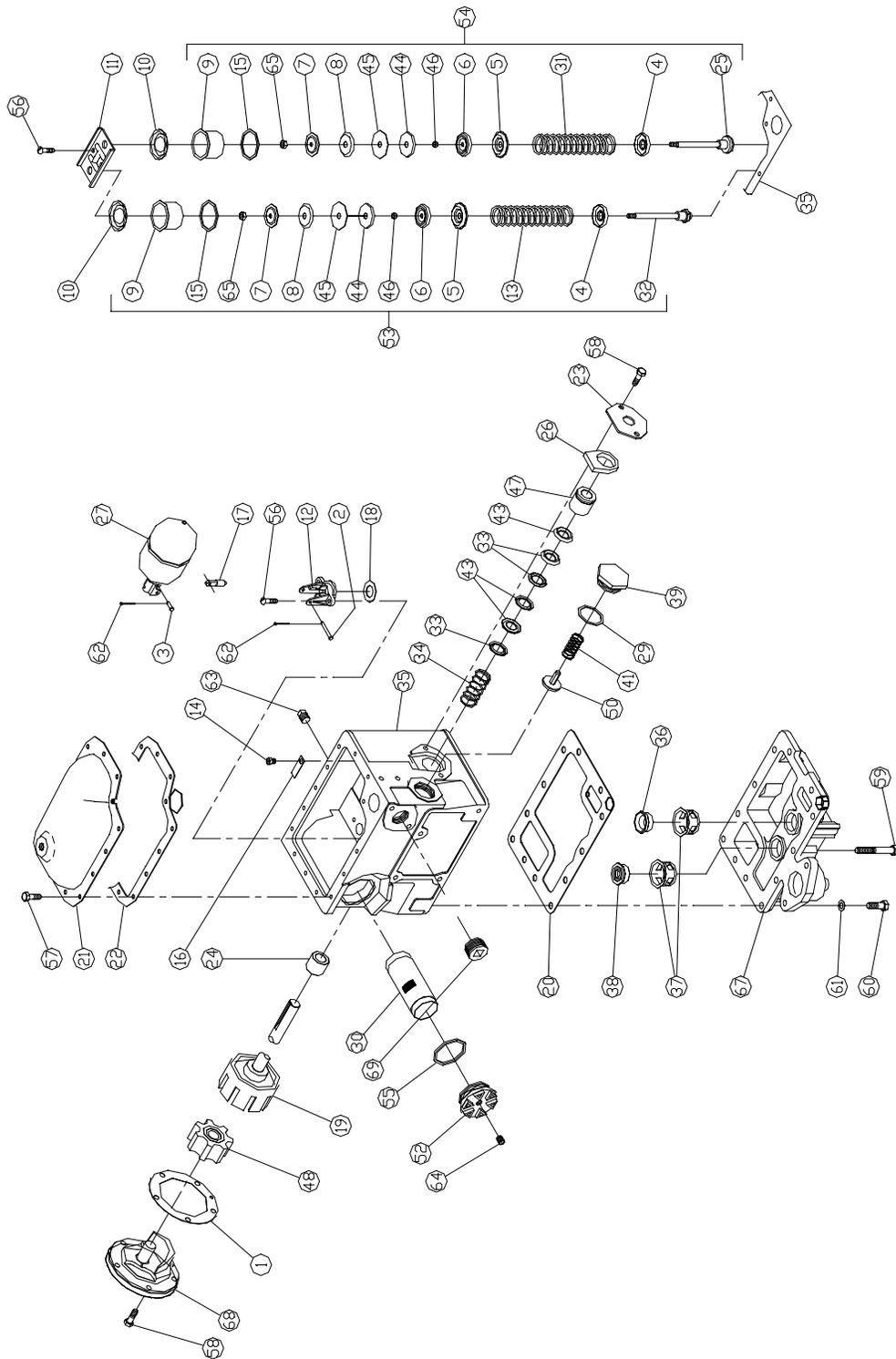
**9852ATW2, 9853ATW2 PUMPING UNIT ASSEMBLY**



Item	Part No.	Description
1	015696	Coupling Nipple, 3-7/8
2	048394	Pumping Unit, 9852ATW2
	048949	Pumping Unit, 9853ATW2
3	026044	Fitting, 3/8 Ct Elbow
4	065844	Vent Tube Assy.
5	048400	Pump Inlet
6	027001	Pump Inlet Gasket
7	015623	Pump Support Bracket Weld Assy.
8	044912	Pipe TBE, 1-1/2 x 4-1/2
9	066385	Union, 1-1/2 #150 Stockham
10	031315	Key
11	047598	Pulley, 3/4 Bore, 4, 9852ATW2
	047597	Pulley, 3/4 Bore, 3-1/2, 9853ATW2
12	047009	Pulley, Idler
13	047008	Idler Arm

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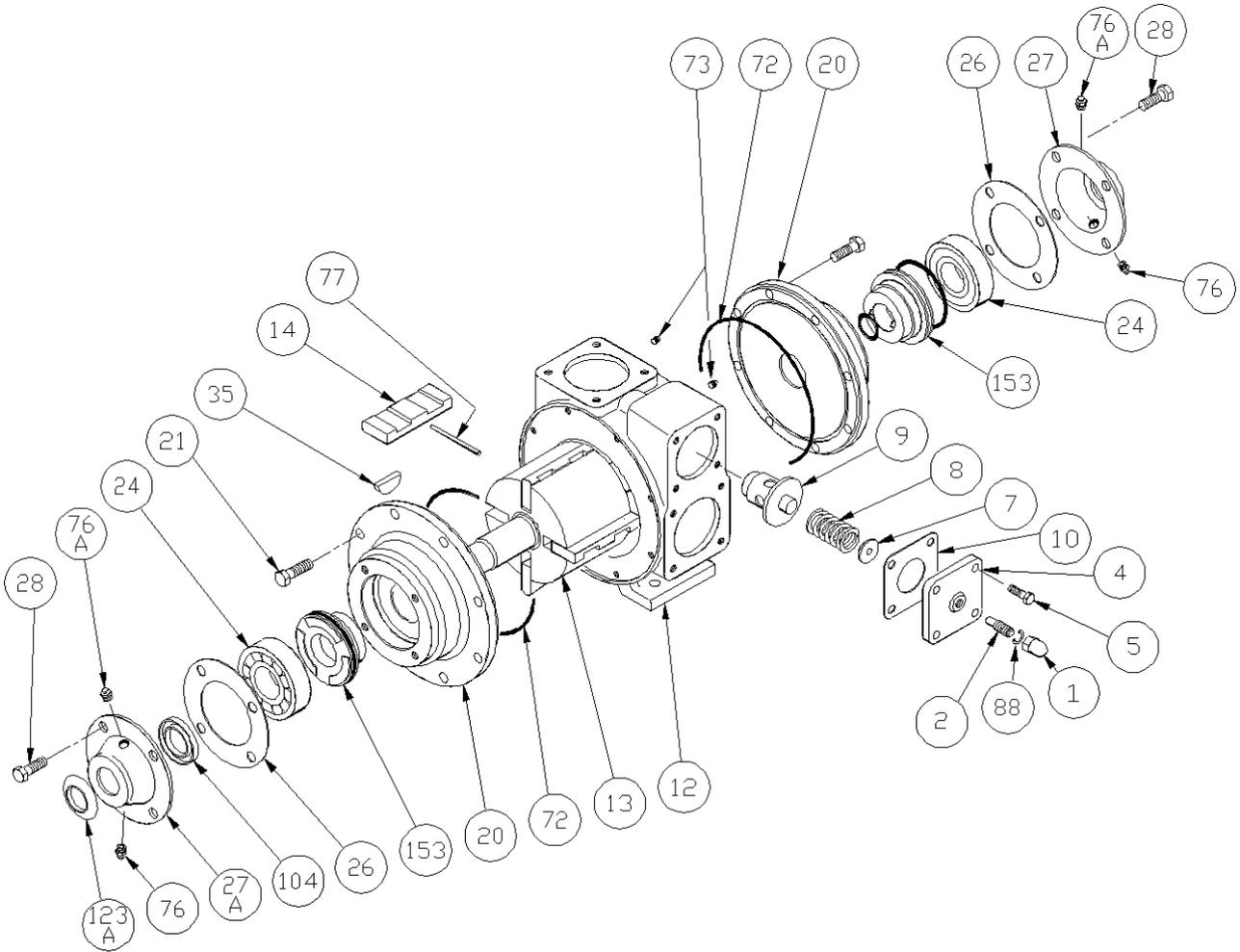
### PUMPING UNIT ASSEMBLY BREAKDOWN



## PUMPING UNIT ASSEMBLY BREAKDOWN

Item	Part No.	Description	Item	Part No.	Description
1	S00117	Gasket	46	S00097	Plunger Spacer
2	S00456	Float Lever Pin	47	S00122	Drive Shaft Bearing
3	S00066	Valve Pin	48	S00129	Rotary Pump Idler
4	S00067	Guide Plate	50	S00098	Poppet Disc. & Relief Valve Assy
5	S00068	Spring Plate	52	S00427	Suction Strainer Cap (All models except TW2)
6	S00069	Plunger Head		063261	Suction Strainer Cap (TW2)
7	S00072	Plunger Plate	53	S00125	By-pass Valve Assembly (34# to 35-1/2# spring, 9852A, 9852ATW2)
8	S00073	Plunger Follower		S00126	By-pass Valve Assembly (44-1/2# spring 9853A, 9853AHC, 9840A, 9852ATW1)
9	S00074	Valve Cylinder	54	S00127	Regulating Valve Assembly
10	S00075	Cylinder Head	55	S00123	Gasket
11	S00076	Clamp Plate	56	S00451	1/4-20 x 7/8 Lg. Rd. Hd. Mach Screw
12	S00077	Float Valve Body	57	S00452	1/4-20 x 1/2 Lg. Hex Hd. Cap Screw
13	S00078	By-Pass Valve Spring (#34 to 35-1/2# spring, 9852A, 9852ATW2)	58	S00453	5/16-18 x 7/8 Lg. Hex. Hd. Cap Screw
	S00079	By-Pass Valve Spring (44-1/2# Spring, 9853A, 9853AHC, 9840A, 9852ATW1)	59	S00454	3/8-16 x 2-3/4 Lg. Hex. Hd. Cap Screw
14	S00080	Vent Screw	60	S00455	3/8-16 x 1-1/8 Lg. Hex. Hd. Cap Screw.
15	S00062	Valve Cylinder Gasket	61	S00458	3/8 Lockwasher (TW1M and TW2 Only)
16	S00081	Vent Screw Guard	62	S00457	1/16 x 1/2 Lg. Cotter Pin
17	S00082	Float Valve Needle	63	S00459	1/4 Sq. Hd. Pipe Plug
18	S00083	Float Valve Gasket	64	S00460	1/4 Countersunk Pipe Plug (TW1M and TW2 Only)
19	S00128	Pump Rotor Shaft Assembly	65	S00461	1/4 - 28 Hex. Nut
20	S00119	Bottom Head Gasket	67	S00462	Lower Pump Head w/Valve Seat Guides, Regulating Valve Seat & By-pass Valve Seat (9852A, 9853A, and TW1 only)
21	S00084	Separator Cover		S00463	Lower Pump Head w/ Valve Seat Guides, Regulating Valve Seat & By-Pass Valve Seat (9853AHC, 9840A only)
22	S00120	Cover Gasket		S00464	Lower Pump Head w/Valve Seat Guides, Regulating Valve Seat and By-Pass Valve Seat (TW1M and TW2 only) <i>NOTE: If your dispenser was built prior to serial number 471906 you must order check valve retrofit kit 032104 when replacing the lower pump head.</i>
23	S00085	Retainer	68	S00057	Rotary Pump Head Assembly
24	S00121	Bearing	69	S00465	1" Pipe Plug (TW1M and TW2 only)
25	S00086	Regulating Poppet Assy			
26	S00124	Oil Well Felt			
27	S00061	Float Assembly			
29	S00087	Gasket			
30	063312	Suction Screen (Gasoline)			
	063313	Suction Screen (Diesel)			
31	S00088	Regulating Valve Spring			
32	S00089	By-pass Valve Poppet			
33	S00056	Packing Gland			
34	S00090	Packing Spring			
35	S00091	Rotary Pump & Separator Body w/Gasket, Bearing, Screws & Spring			
36	S00092	Regulating Valve Seat			
37	S00093	Valve Seat Guide			
38	S00094	By-pass Valve Seat			
39	S00448	Check Valve Cap			
41	S00447	Poppet Spring			
43	S00116	"V" Packing			
44	S00095	Plunger Guide			
45	S00096	Plunger Disc			

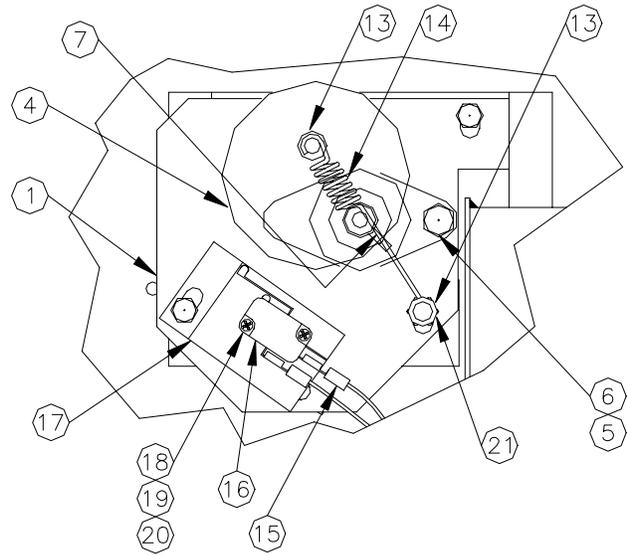
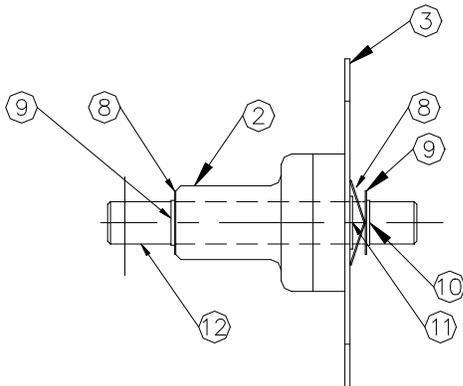
### BLACKMER XU2A PUMP AND PLATFORM ASSEMBLY BREAKDOWN



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Item	Part No.	Description
1	S01003	Valve Cap
2	S01004	Adjusting Screw
4	S01005	Valve Cover
5	S01006	Cover Capscrew
7	S01007	Spring Guide
8	S01008	Valve Spring (36 PSI)
9	S01009	Pressure Control Valve
10	S01010	Cover Gasket
12	S01011	Cylinder
13	S01012	Rotor and Shaft Assembly
14	S01013	Vane
20	S01014	Head
21	S01015	Head Capscrew
24	S01016	Bearing
26	S01017	Bearing Cover Gasket
27	S01018	Bearing Cover (Blind)
27A	S01019	Bearing Cover (Shaft Hole)
28	S01020	Bearing Cover Cap Screw
35		Key
72	S01022	Head Seal Ring
73	S01023	Gage Plug
76	S01024	Grease Fitting
76A	S01025	Grease Relief Fitting
77	S01026	Push Rod
88	S01027	Cap Gasket
104	S01028	Grease Seal
123A	S01029	Dirt Shield
153	S01030	Mechanical Seal Assembly

## RESET

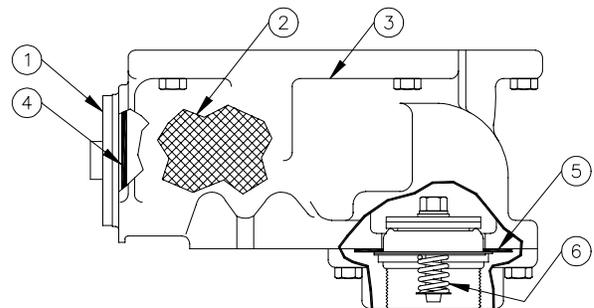


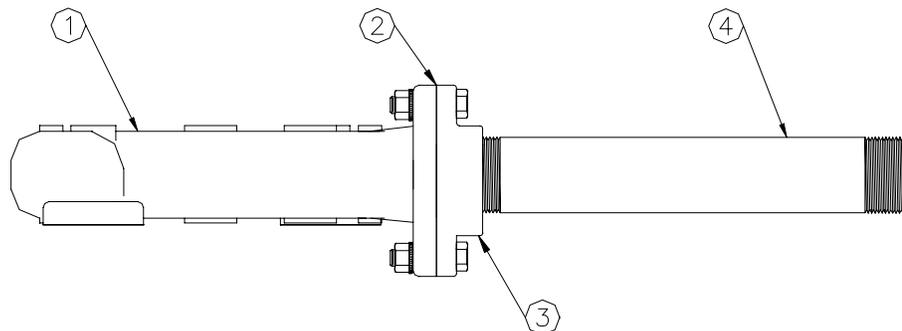
Item	Part No.	Description
1	045987	Plate-Bearing Assembly
2	*003184	Start Shaft Bearing
3	*046504	Bearing Mounting Plate
4	*046054	Plate Assy., Start Shaft
5	*052285	Screw 5/16-18 x 5/8
6	*068875	Lockwasher, 5/16
7	*042657	Roll Pin
8	*068951	Spring Washer
9	*067109	Brass Washer
10	*048612	Retaining Ring
11	*011958	Bearing, Nyliner 1/2

Item	Part No.	Description
12	*054447	Start Shaft
13	042912	Collar, Plastic
14	029363	Handle Spring
15	C06429	Cable Assy., handle SW-Single
	C06428	Cable Assy., handle SW-Twin
16	*C03334	Switch, SPDT, Snap-Action
17	015999	Bracket, Switch
18	C08171	Screw #4-40 x 3/4 long
19	C03473	Nut, Hex Keps #4-40
20	C08146	Washer, Flat #4
21	048794	Spring Retainer

## STRAINER BODY/CHECK VALVE ASSEMBLY

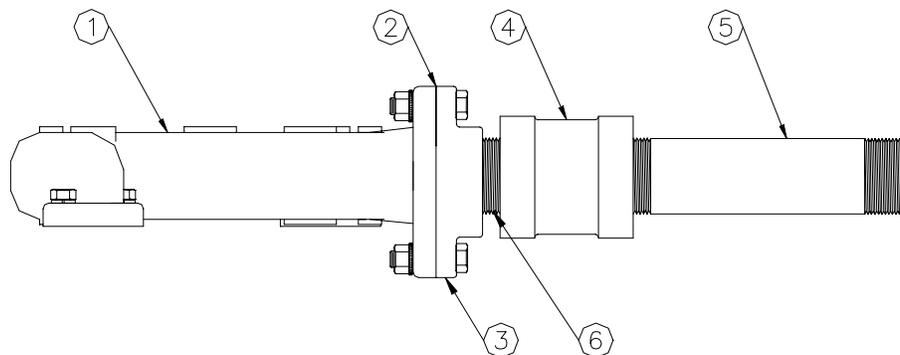
Item	Part No.	Description
1	063261	Strainer Cap
2	063312	Gasoline Strainer (100 mesh)
	063313	Diesel Strainer (40 mesh)
3	S00524	Strainer Body
4	026768	O-Ring
5	027005	Gasket
6	035319	Check Valve Assy.
	035525	Strainer body kit (includes items 1, 2, 3, 4. Specify strainer type)



**9840A DISCHARGE – 097230**

Item	Part No.	Description
1	003131	Discharge Casting
2	049136	Square ring
3	003641	Flange
4	044902	Pipe TBE 1-1/2 x 10

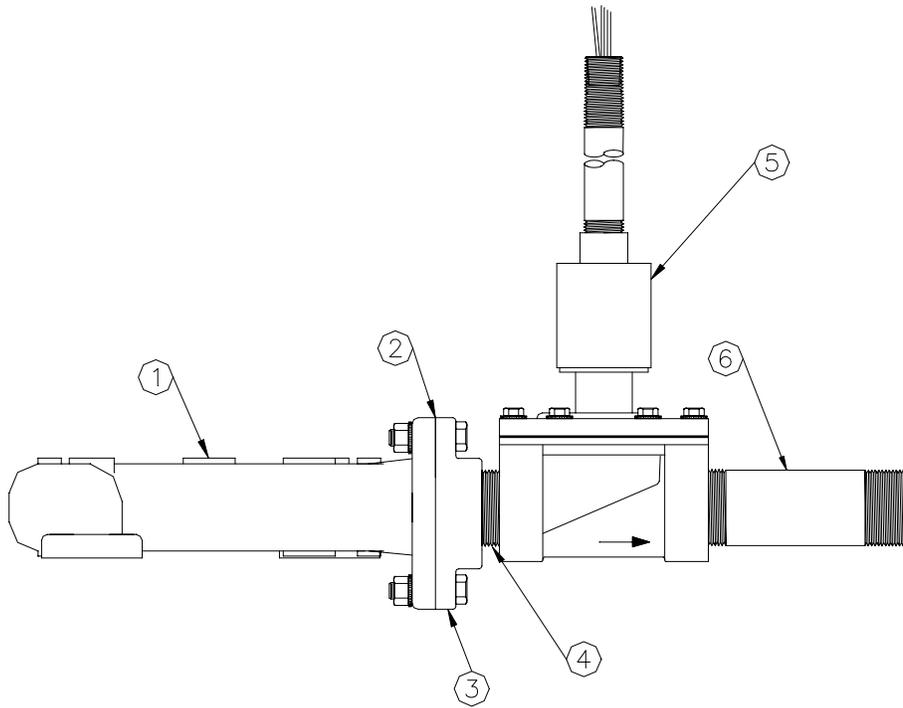
**NOTE:** If replacing brazed discharge assembly, order kit 032130.

**9840A DISCHARGE, Canada-ATC 097264**

Item	Part No.	Description
1	003131	Discharge Casting
2	049136	Square ring
3	003641	Flange
4	024299	Coupling
5	044921	Pipe TBE 1-1/2 x 7
6	038005	Pipe TBE 1-1/2 x 1-3/4

**NOTE:** If replacing brazed discharge assembly, order kit 032131.

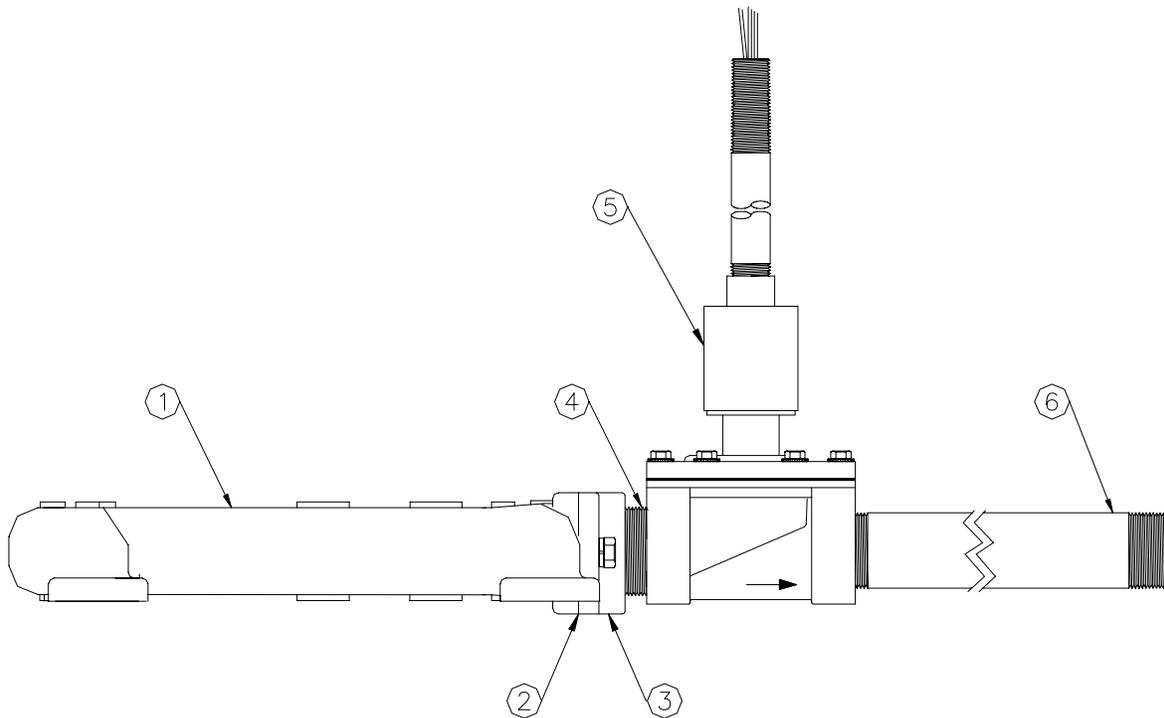
### 9840A VALVE DISCHARGE - 097239 115V, 097240 230V



Item	Part No.	Description
1	003131	Discharge Casting
2	049136	Square ring
3	003641	Flange
4	038005	Pipe TBE 1-1/2 x 1-3/4
5	070075	Conduit Valve Assy., 9840A, 115V
	070078	Conduit Valve Assy., 9840AX, 230V
6	044933	Pipe TBE 1-1/2 x 4-3/4

**NOTE:** *If replacing brazed discharge assembly, order kit 032131.*

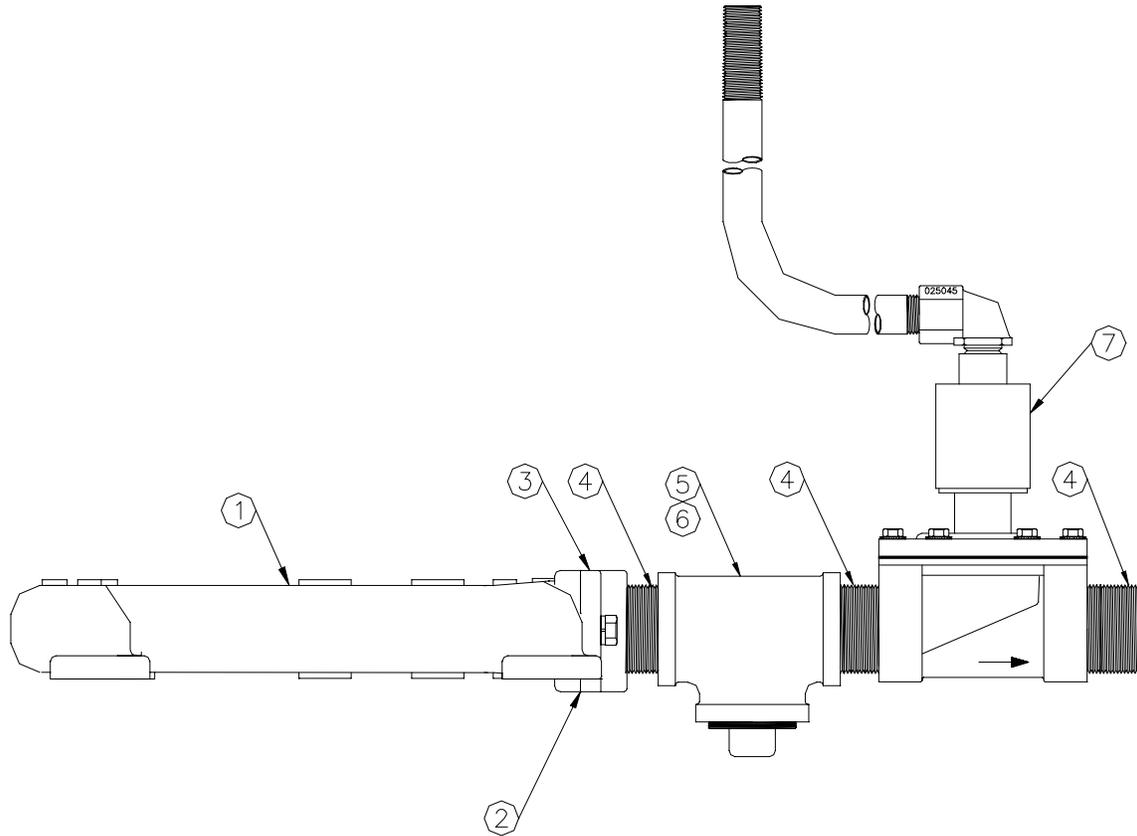
**9840AX DISCHARGE - 097241 115V, 097242 230V**



Item	Part No.	Description
1	003130	Discharge Casting
2	049136	Square ring
3	003641	Flange
4	038005	Pipe TBE 1-1/2 x 1-3/4
5	070075	Conduit Valve Assy., 9840A, 115V
	070076	Conduit Valve Assy., 9840A, 230V
6	044925	Pipe TBE 1-1/2 x 6-1/8

*NOTE: If replacing brazed discharge assembly, order kit 032135.*

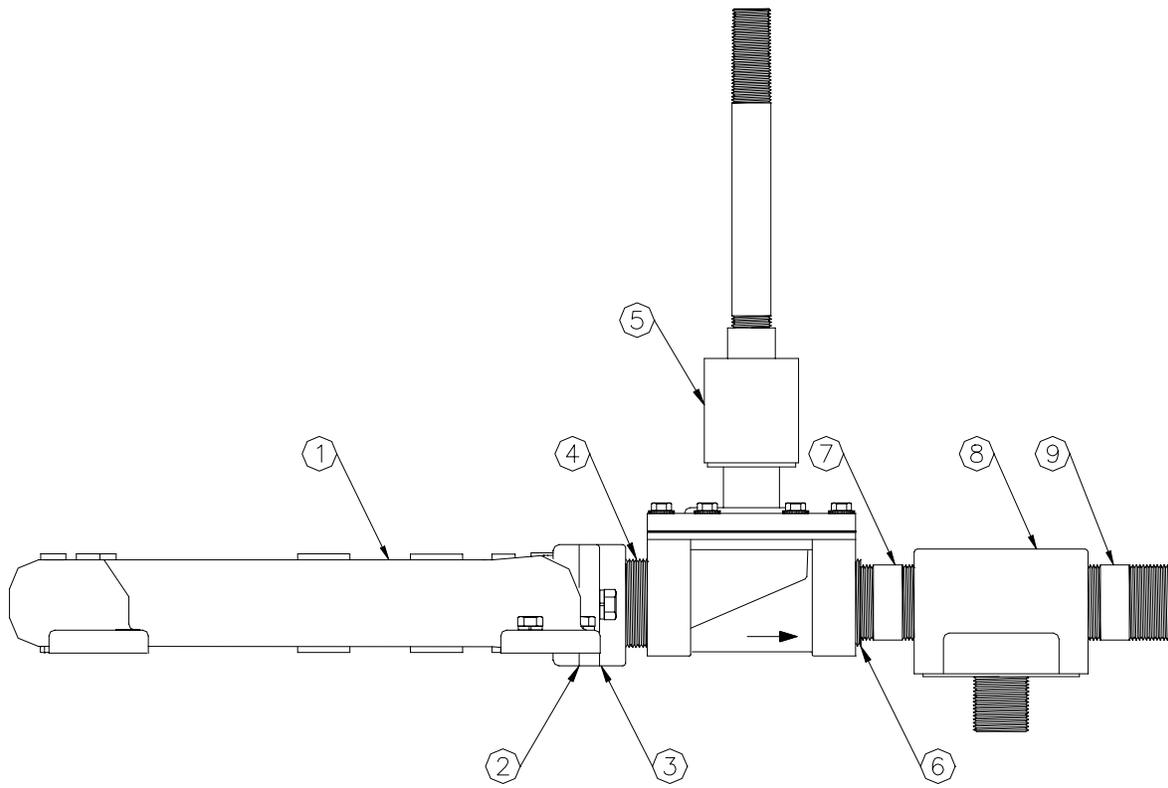
**9840AX DISCHARGE – CANADA-ATC 097415**



Item	Part No.	Description
1	003130	Discharge Casting
2	049136	Square ring
3	003641	Flange
4	038005	Pipe TBE 1-1/2 x 1-3/4
5	024281	Coupling, ATC
6	047279	Pipe Plug, 1/8"
7	070077	Conduit Valve Assy., 115V

**NOTE:** If replacing brazed discharge assembly, order kit 032133.

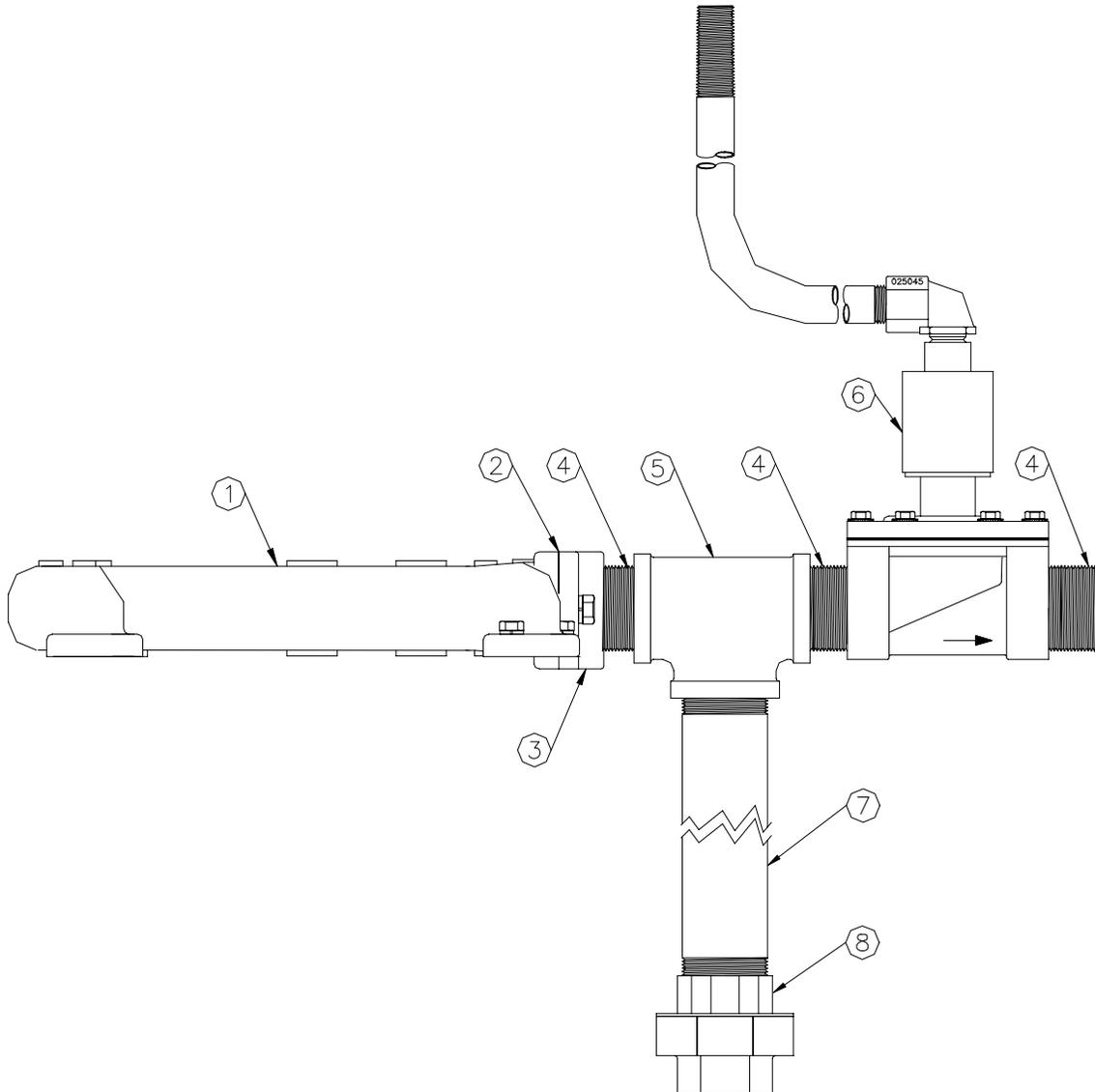
## 9840AX FILTER DISCHARGE - 097243 115V, 097244 230V



Item	Part No.	Description
1	003130	Discharge Casting
2	049136	Square ring
3	003641	Flange
4	038005	Pipe TBE 1-1/2 x 1-3/4
5	070075	Conduit Valve Assy., 9840A, 115V
	070076	Conduit Valve Assy., 9840A, 230V
6	017141	Bushing, 1-1/2 x 1-1/4 Face
7	038036	Pipe TBE, 1-1/4 x 1-5/8 Close
8	003046	Adapter, 1-1/4 Cimtek 400 Filter
9	044005	Pipe TBE, 1-1/4 x 2-1/2

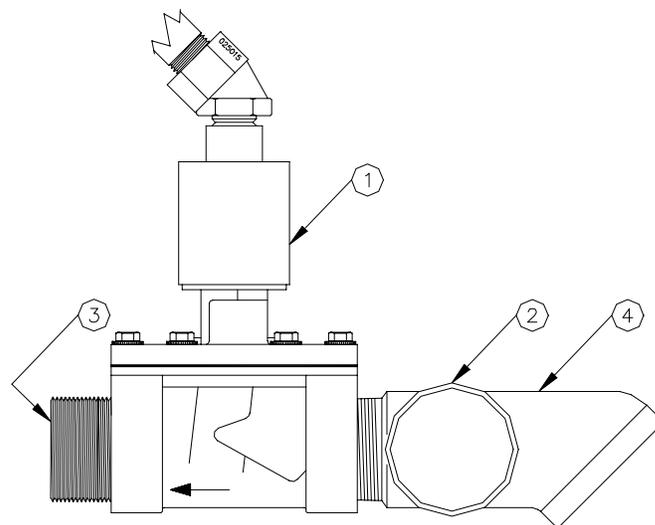
**NOTE:** If replacing brazed discharge assembly, order kit 032133.

**9840AX SATELLITE DISCHARGE - 097245 115V, 097246 230V, CANADA-ATC 097416**



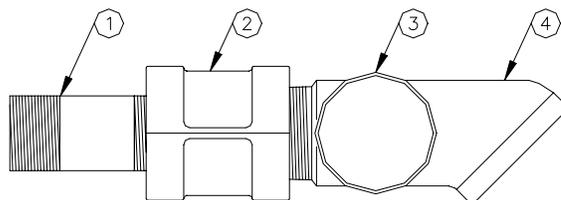
Item	Part No.	Description
1	003130	Discharge Casting
2	049136	Square ring
3	003641	Flange
4	038005	Pipe TBE 1-1/2 x 1-3/4
5	064797	Tee, 1-1/2 Black Mall, 150 #
	024281	Coupling, ATC
6	070077	Conduit Valve Assy., 115V
	070078	Conduit Valve Assy., 230V
7	044924	Pipe TBE, 1-1/2 x 18-11/16

**9850A, 9850AX DISCHARGE VALVE ASSEMBLY 097305, 115V; 097311 230V  
CANADA-ATC 097426**



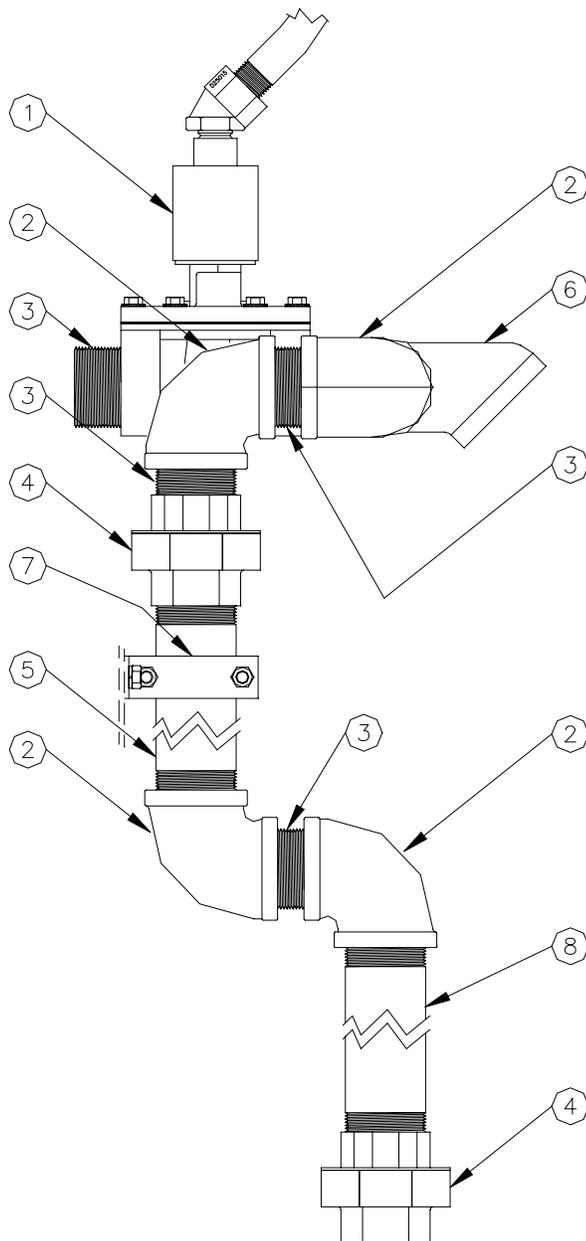
Item	Part No.	Description
1	070081	Conduit Valve, Assy., 9850A, 9850AX
	070084	Conduit Valve, Assy., 9850A, 9850AX, 230V, 60 Hz.
2	017891	Cap Pipe, 1-1/2
3	038005	Pipe Tube, 1-1/2 x 1-3/4 Close
4	003608	Elbow, Meter Discharge
	097907	Elbow, Meter Discharge, ATC

**9850A DISCHARGE ASSEMBLY 097302, CANADA-ATC 070087**



Item	Part No.	Description
1	045488	Pipe Tube 1-1/2 x 3-1/2
2	021969	Coupling, 1-1/2 300# Mall
3	017891	Cap Pipe, 1-1/2
4	003608	Elbow, Meter Discharge
	097907	Elbow, Meter Discharge, ATC

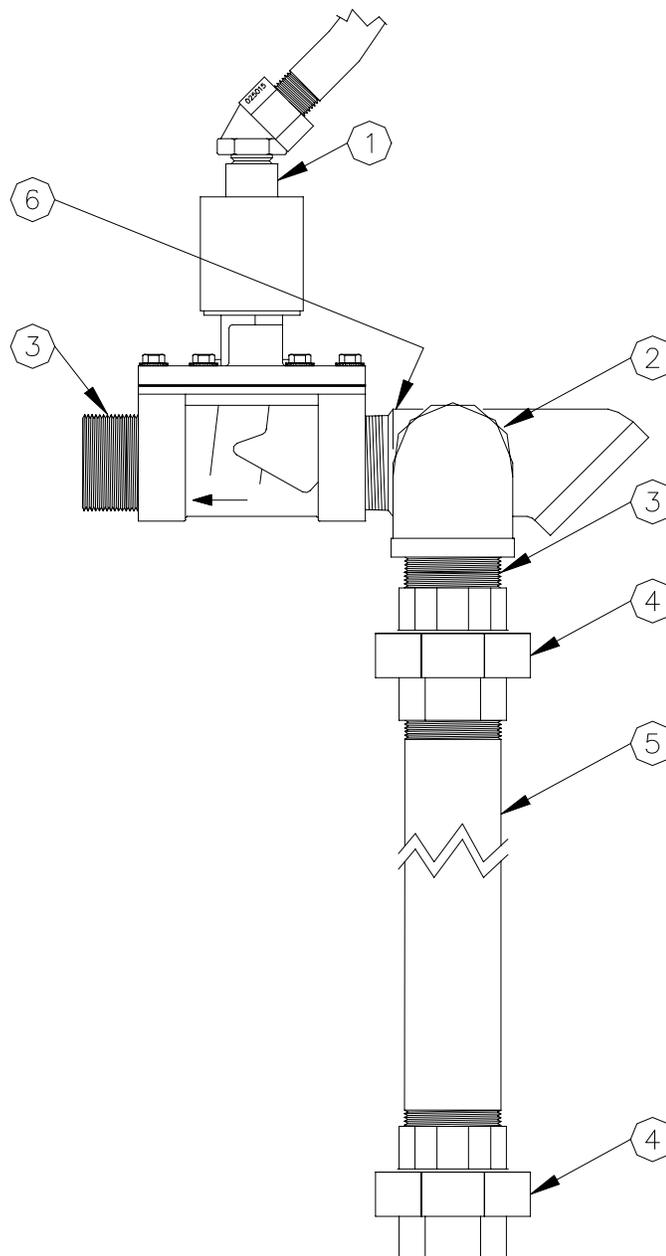
**9850AS DISCHARGE, SATELLITE PIPE ASSEMBLY, 097308, 115V; 097335, 230V, CANADA-ATC 097434**



Item	Part No.	Description
1	022067	Conduit Valve, Assy.
	021874	Conduit Valve, Assy., 9850, 220V, 60 Hz.
2	Z03555	Elbow, 1-1/2 x 90o Mall
3	038005	Pipe TBE, 1-1/2 x 1-3/4 Close

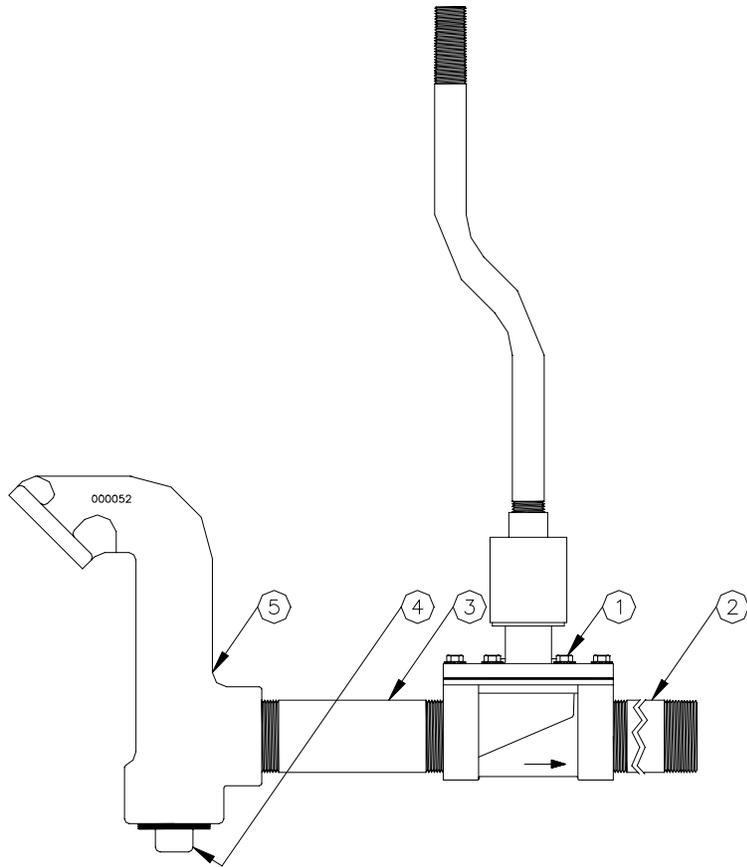
Item	Part No.	Description
4	066385	Union, 1-1/2 #150 Stockham
5	044902	Pipe TBE, 1-1/2 x 10
6	003608	Elbow, Meter Discharge
	097907	Elbow, Meter Discharge, ATC
7	015997	Bracket, Satellite Pipe
8	044908	Pipe TBE, 1-1/2 x 7-1/2

**9850AXS DISCHARGE, VALVE PIPE ASSEMBLY, 097321, 115V;  
097323, 230V, CANADA-ATC 097435**



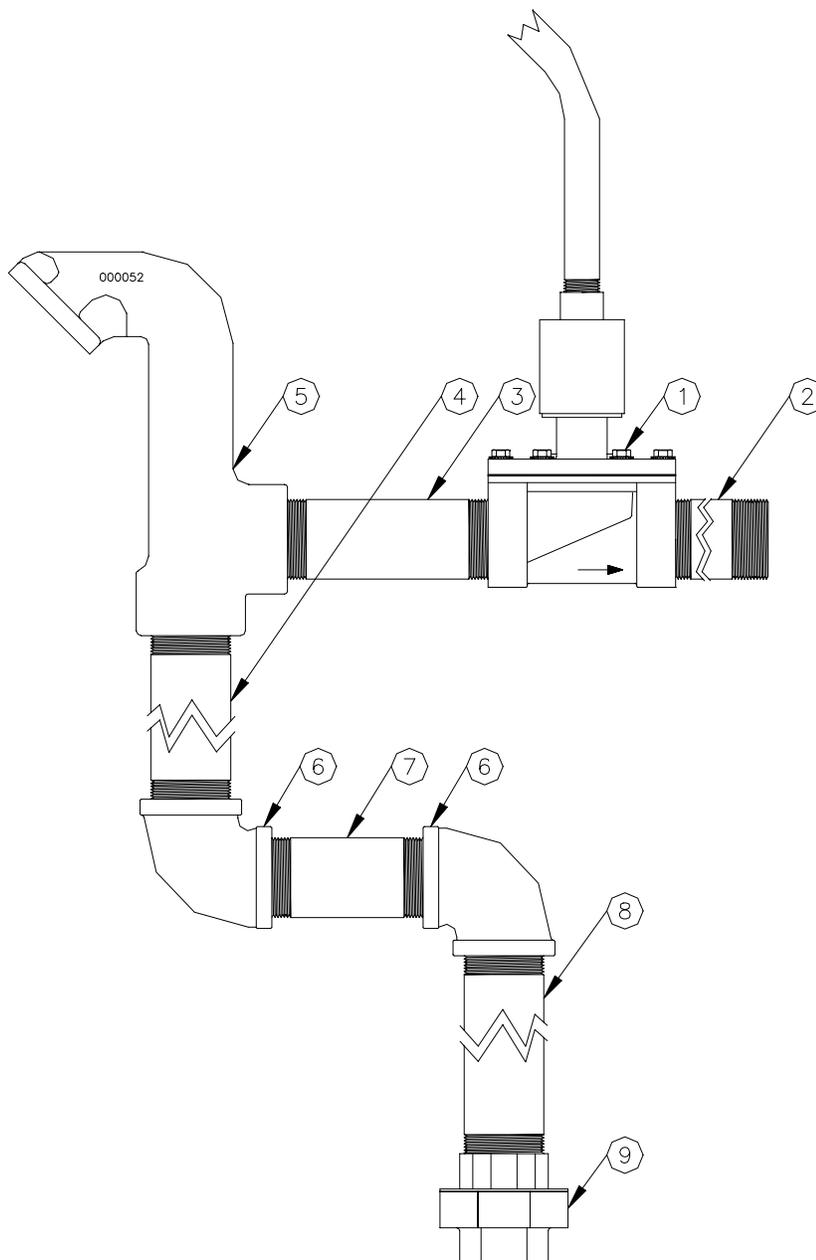
Item	Part No.	Description
1	070081	Conduit Valve, Assy., 9850A, 9850AX
	070084	Conduit Valve, Assy., 9850A, 9850AX, 230V, 60 Hz.
2	Z03555	Elbow, 1-1/2 x 90o Mall
3	030085	Pipe TBE 1-1/2 x 1-3/4
4	066385	Union, 1-1/2 #150 Stockham
5	044931	Pipe TBE 1-1/2 x 20-1/8
6	003608	Elbow, Meter Discharge
	097907	Elbow, Meter Discharge, ATC

**9850AXTW DISCHARGE, 097326, 115V; 097329, 230V; CANADA-ATC 097428**



Item	Part No.	Description
1	070085	Conduit Valve Assembly, 9850AXTW, 115V
	070086	Conduit Valve Assembly, 9850AXTW, 230 V
2	045488	Pipe, TBE, 1-1/2 x 3-1/2
3	044925	Pipe, TBE, 1-1/2 x 6-1/8
4	047306	Pipe Plug, Sq. Hd, 1-1/2
5	003152	Elbow, Meter Disch Mach
	003151	Elbow, Meter Disch Mach, ATC

**9850AXSTW DISCHARGE, 097348, 115V; 097349, 230V; CANADA-ATC 097436**

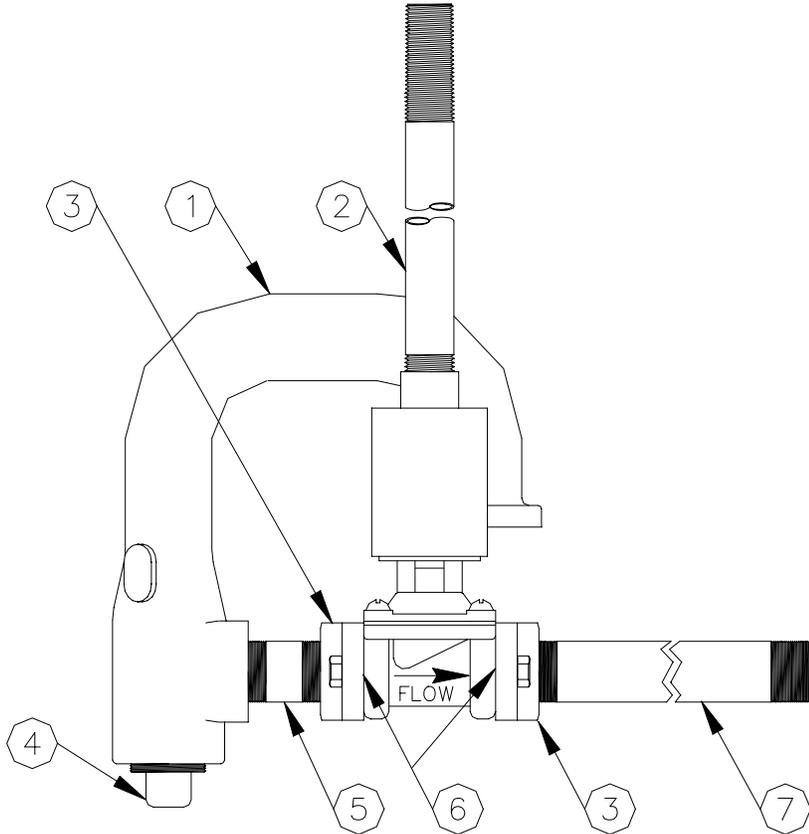


Item	Part No.	Description	Item	Part No.	Description
1	070085	Conduit Valve Assembly, 9850AXTWS, 115V	4	044908	Pipe TBE, 1-1/2 x 7-1/2
	070086	Conduit Valve Assembly, 9850AXTWS, 230 V	5	003152	Elbow, Meter Disch Mach
2	045488	Pipe, TBE, 1-1/2 x 3-1/2		003151	Elbow, Meter Disch Mach, ATC
3	044925	Pipe, TBE, 1-1/2 x 6-1/8	6	Z03555	Elbow, 1-1/2 x 90o Mall
			7	044933	Pipe, TBE, 1-1/2 x 4-3/4
			8	044913	Pipe TBE, 1-1/2 x 3
			9	066385	Union, 1-1/2, #150 Stockham

**9852A, 9852AX DISCHARGE - 097300 115V, 097301 230V; CANADA-ATC 097418**

**9852ATW1, 9852AXTW DISCHARGE - 097324 115V, 097325 230V; CANADA-ATC 097419**

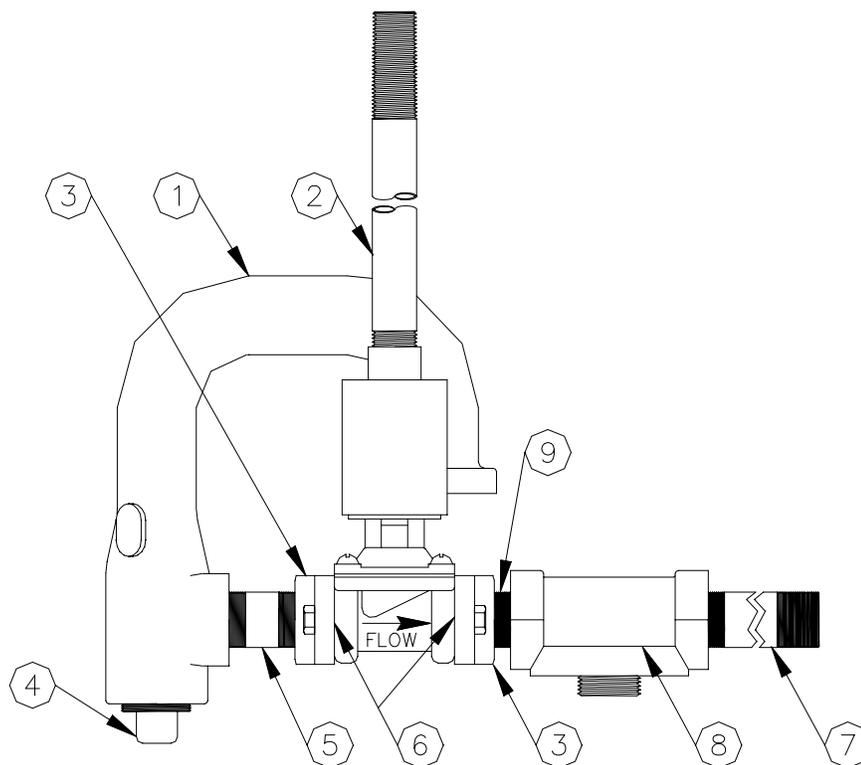
**9852ATW2 DISCHARGE - 097352 115V, 097353 230V, CANADA-ATC 097420**



Item	Part No.	Description
1	003092	Discharge Casting, Mach, 3/4" NPT
	003113	Discharge Casting, Mach, 3/4" NPT, Canada-ATC
2	070082	Conduit Valve Assy., 115V, units built prior to serial number 480214
	070106	Conduit Valve Assy., 115V
	070083	Conduit Valve Assy., 230V
	070107	Conduit Valve Assy., 230V, units built prior to serial number 480214
3	026074	Meter Flange, 3/4" NPT
4	047305	Plug Pipe, Square Hd, 1"
5	044476	Pipe TBE, 3/4 x 2-1/4
6	027004	Gasket
7	044145	Pipe TBE, 3/4 x 10-1/2, 9852A, 9852AX
	044090	Pipe TBE, 3/4 x 7, 9852ATW1, 9800AXTW
	043995	Pipe TBE, 3/4 x 4-3/4, 9852ATW2

**9852A, 9852AX FILTER DISCHARGE - 097306 115V, 097307 230V; CANADA-ATC 097424**

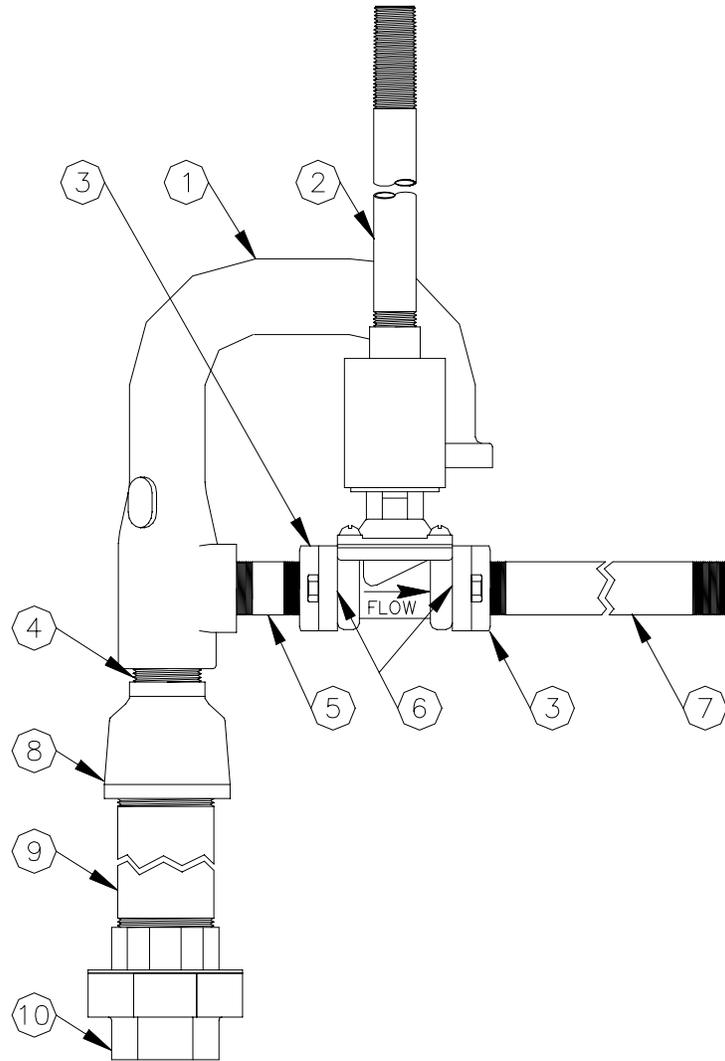
**9852ATW1, 9800AXTW FILTER DISCHARGE - 097333 115V, 097334 230V; CANADA-ATC 097425**



Item	Part No.	Description
1	003092	Discharge Casting, Mach, 3/4" NPT
	003110	Discharge Casting, Mach, 3/4" NPT, ATC
2	070082	Conduit Valve Assy., 115V, units built prior to serial number 480214
	070106	Conduit Valve Assy., 115V
	070083	Conduit Valve Assy., 230V, units built prior to serial number 480214
	070107	Conduit Valve Assy., 230V
3	026074	Meter Flange, 3/4" NPT
4	047305	Plug Pipe, Square Hd, 1"
5	044476	Pipe TBE, 3/4 x 2-1/4
6	027004	Gasket
7	044080	Pipe TBE, 3/4 x 6
	043980	Pipe TBE, 3/4 x 3-1/4, 9852ATW1, 9800AXTW
8	003043	Adapter, Filter, 3/4"
9	037990	Pipe TBE, 3/4 x 1-3/8 Close Nip

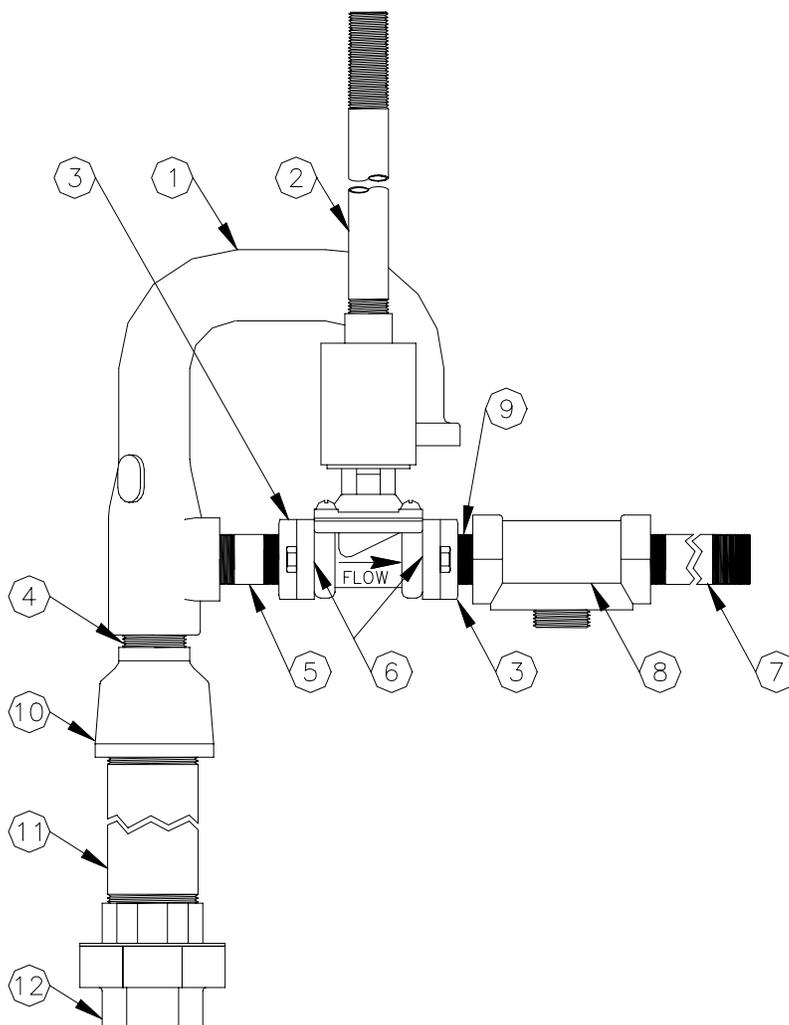
**9852AX SATELLITE DISCHARGE - 097303 115V, 097304 230V; CANADA-ATC 097429**

**9852AXTW SATELLITE DISCHARGE - 097327 115V, 097328 230V; CANADA-ATC 097430**



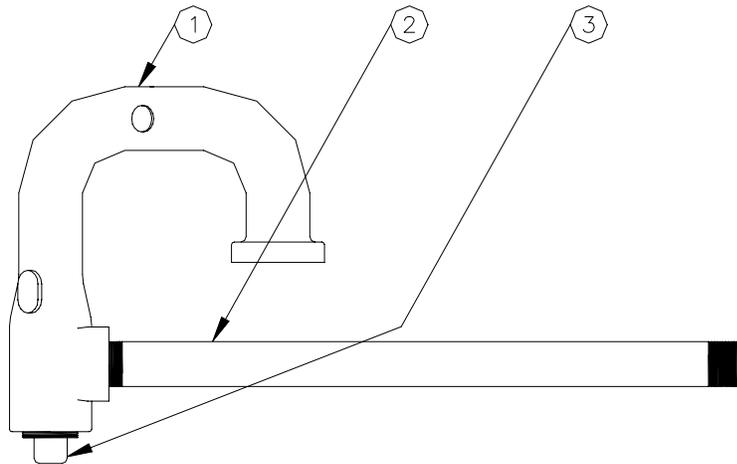
Item	Part No.	Description	Item	Part No.	Description
1	003092	Discharge Casting, Mach, 3/4" NPT	3	026074	Meter Flange, 3/4" NPT
	003110	Discharge Casting, Mach, 3/4" NPT, ATC	4	038035	Pipe TBE, 1 x 1-1/2 Close Nip
2	070082	Conduit Valve Assy., 115V, units built prior to serial number 480214	5	044476	Pipe TBE, 3/4 x 2-1/4
	070106	Conduit Valve Assy., 115V	6	027004	Gasket
	070083	Conduit Valve Assy., 230V, units built prior to serial number 480214	7	044145	Pipe TBE, 3/4 x 10-1/2, 9852AX
	070107	Conduit Valve Assy., 230V		044090	Pipe TBE, 3/4 x 7, 9800AXTW
			8	021984	Pipe Coupling, Reducer 1-1/2 x 1
			9	044901	Pipe TBE 1-1/2 x 13-1/2
			10	066385	Union, 1-1/2, #150 Stockham

**9852AX FILTER, SATELLITE DISCHARGE - 097309 115V, 097310 230V**  
**9852AXTW FILTER, SATELLITE DISCHARGE - 097336 115V, 097337 230V**



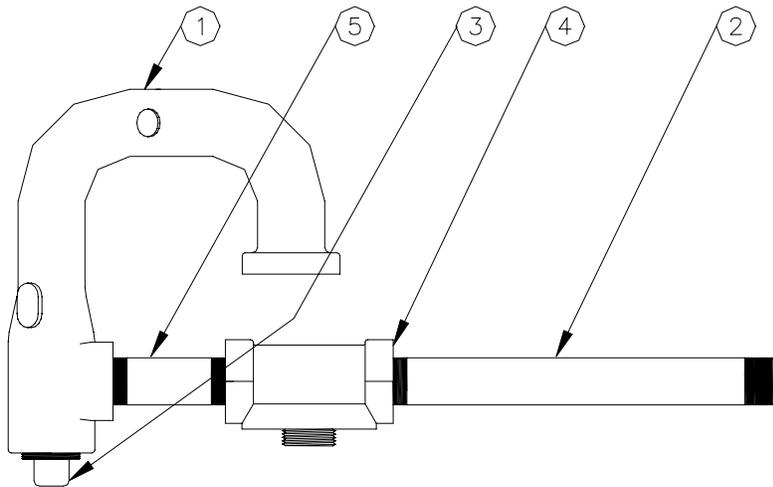
Item	Part No.	Description
1	003092	Discharge Casting, Mach, 3/4" NPT
2	070082	Conduit Valve Assy., 115V, units built prior to serial number 480214
	070106	Conduit Valve Assy., 115V
	070083	Conduit Valve Assy., 230V, units built prior to serial number 480214
	070107	Conduit Valve Assy., 230V
3	026074	Meter Flange, 3/4" NPT
4	038035	Pipe TBE, 1 x 1-1/2 Close Nip
5	044476	Pipe TBE, 3/4 x 2-1/4
6	027004	Gasket
7	044080	Pipe TBE, 3/4 x 6, 9852AX
	043980	Pipe TBE, 3/4 x 3-1/4, 9800AXTW
8	003043	Adapter, Filter, 3/4"
9	037990	Pipe TBE, 3/4 x 1-3/8 Close Nip
10	021984	Pipe Coupling, Reducer 1-1/2 x 1
11	044901	Pipe TBE 1-1/2 x 13-1/2
12	066385	Union, 1-1/2, #150 Stockham

**9852A DISCHARGE – 097188; CANADA-ATC 097273**



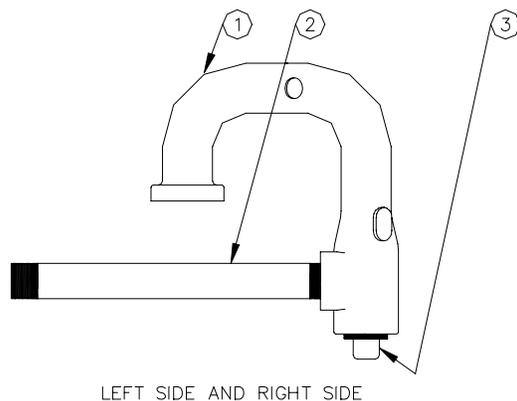
Item	Part No.	Description
1	003092	Discharge Casting, Mach, 3/4" NPT
	003110	Discharge Casting, Mach, 3/4" NPT, ATC
2	044465	Pipe TBE, 3/4 x 16-1/8
3	047305	Plug Pipe, Sq. Hd., 1"

**9852A FILTER DISCHARGE – 097359; CANADA-ATC 097338**



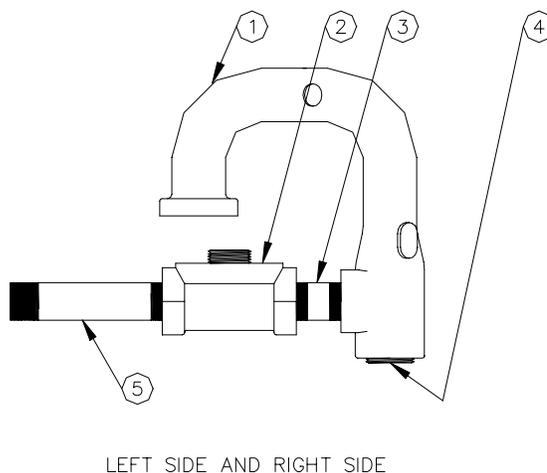
Item	Part No.	Description
1	003092	Discharge Casting, Mach, 3/4" NPT
	003110	Discharge Casting, Mach, 3/4" NPT, ATC
2	044140	Pipe TBE, 3/4 x 10
3	047305	Plug Pipe, Sq. Hd., 1"
4	003043	Adapter, Filter, 3/4"
5	043970	Pipe TBE, 3/4 x 3-1/2

**9852ATW2 DISCHARGE ASSEMBLY – 097209; CANADA-ATC 097417**



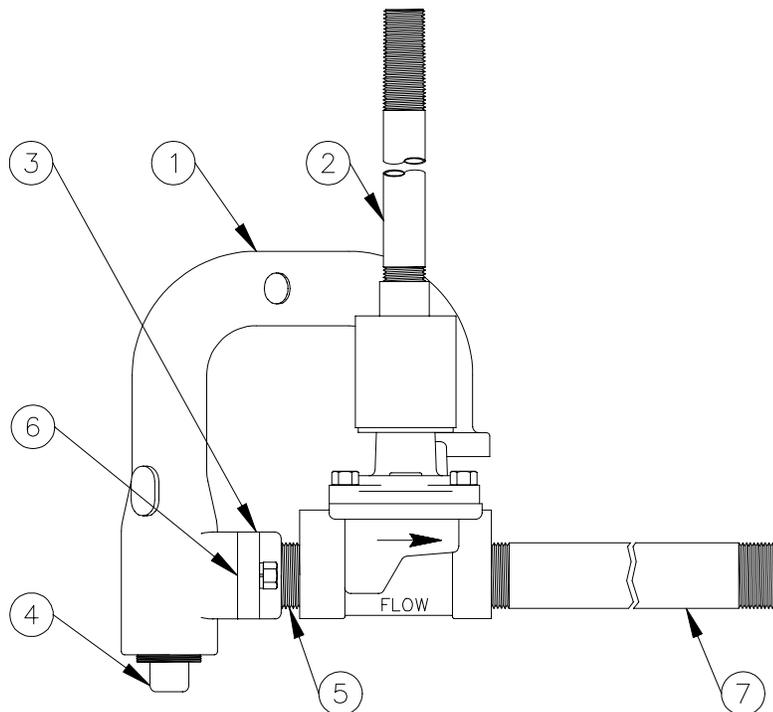
Item	Part No.	Description
1	003092	Discharge Casting, Mach, 3/4" NPT
	003110	Discharge Casting, Mach, 3/4" NPT, ATC
2	044140	Pipe TBE, 3/4 x 10
3	047305	Plug Pipe, Sq. Hd., 1"

**9852ATW2 FILTER DISCHARGE ASSEMBLY – 097208; CANADA-ATC 097417**



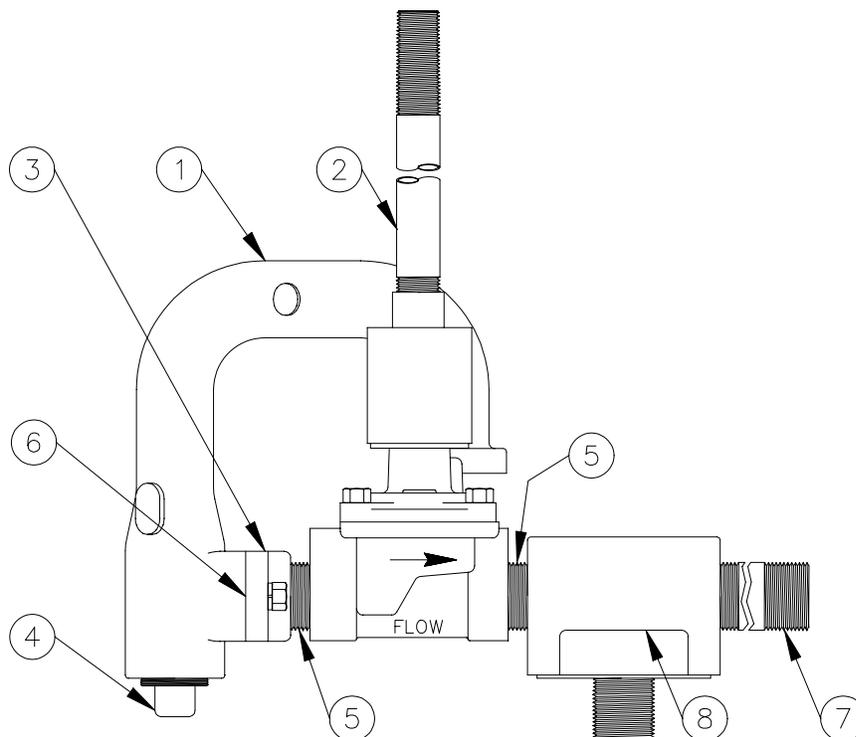
Item	Part No.	Description
1	003092	Discharge Casting, Mach, 3/4" NPT
	003110	Discharge Casting, Mach, 3/4" NPT, ATC
2	003043	Adapter, Filter, 3/4"
3	044476	Pipe TBE, 3/4 x 2-1/4
4	047305	Plug Pipe, Sq. Hd., 1"
5	043995	Pipe TBE, 3/4 x 4-3/4

**9853A, 9853AX, 9853AHC DISCHARGE - 097312 115V, 097313, 230V;  
CANADA-ATC 097421**  
**9853AXTW DISCHARGE - 097339 115V, 097340 230V; CANADA-ATC 097422**  
**9853ATW2, 9853ATW1M DISCHARGE- 097355 115V, 097356 230V;  
CANADA-ATC 097423**



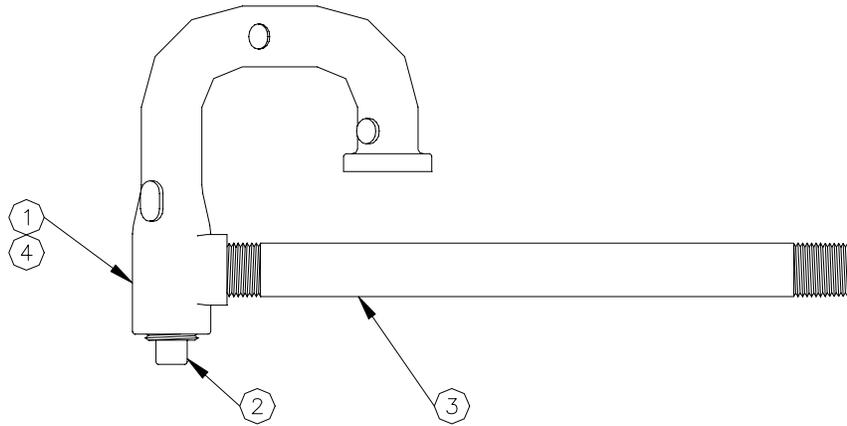
Item	Part No.	Description
1	003016	Discharge Casting, Mach
	003096	Discharge Casting, Mach, ATC
2	070079	Conduit Valve Assy., 115V, units built prior to serial number 480214
	067042	Conduit Valve Assy., 115V
	070080	Conduit Valve Assy., 230V, units built prior to serial number 480214
	067043	Conduit Valve Assy., 230V
3	026071	Mtr Flange, 1" NPT w/groove
4	047305	Plug Pipe, Sq. Hd.
5	038035	Pipe TBE, 1 x 1-1/2 Close Nip
6	027004	Gasket
7	044655	Pipe TBE, 1 x 10, 9853A, 9853AX, 9853AHC
	044614	Pipe TBE, 1 x 7-1/2, 9853AXTW
	044661	Pipe TBE, 1 x 4-7/8, 9853ATW2, 9853ATW1M

**9853A, 9853AX FILTER DISCHARGE - 097316 115V, 097317 230V**  
**9853AXTW FILTER DISCHARGE - 097343 115V, 097344 230V**



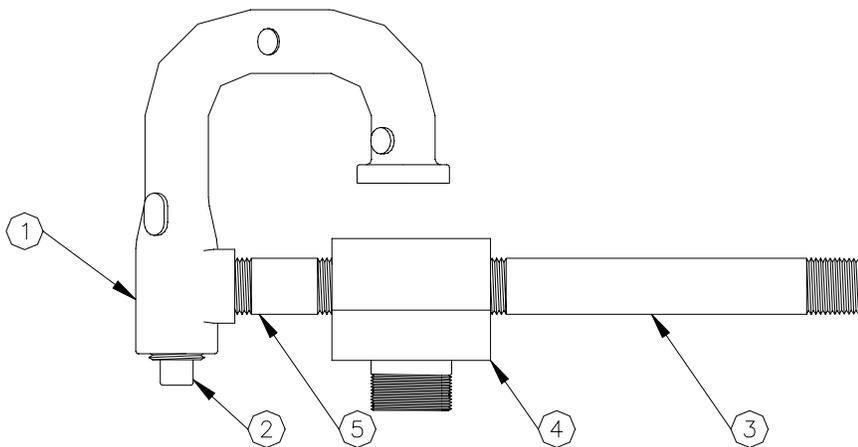
Item	Part No.	Description
1	003016	Discharge Casting, Mach
2	070079	Conduit Valve Assy., 115V, units built prior to serial number 480214
	067042	Conduit Valve Assy., 115V
	070080	Conduit Valve Assy., 230V, units built prior to serial number 480214
	067043	Conduit Valve Assy., 230V
3	026071	Mtr Flange, 1" NPT w/groove
4	047305	Plug Pipe, Sq. Hd.
5	038035	Pipe TBE, 1 x 1-1/2 Close Nip
6	027004	Gasket
7	044581	Pipe TBE, 1 x 5-1/2, 9853A, 9853AX
	044525	Pipe TBE, 1 x 3 Blk, 9853AXTW
8	003087	Adapter, 1" Cimtek 400 Filter

**9853A, 9853AHC DISCHARGE ASSEMBLY – 097171; CANADA-ATC 097269**



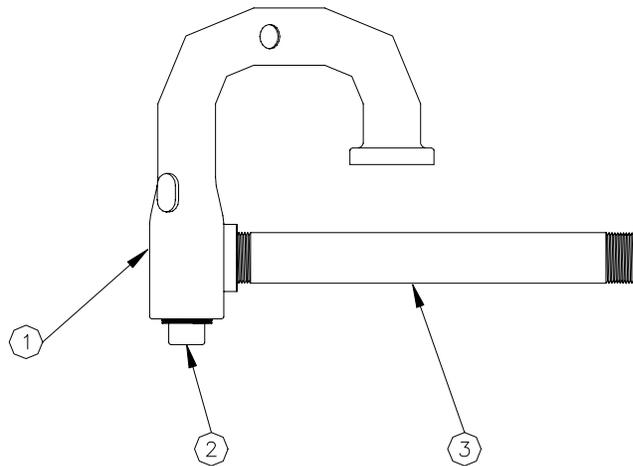
Item	Part No.	Description
1	003099	Discharge Casting, Mach
	003113	Discharge Casting, Mach, ATC
2	047305	Plug Pipe, Square Hd, 1"
3	044682	Pipe TBE, 1 x 15-1/2

**9853A FILTER DISCHARGE ASSEMBLY - 097361**



Item	Part No.	Description
1	003099	Discharge Casting, Mach
2	047305	Plug Pipe, Square Hd, 1"
3	044620	Pipe TBE, 1 x 8
4	003087	Adapter, 1" Cimtek 400 Filter
5	044580	Pipe TBE, 1 x 5
6	026018	Filter, High-Flow (Not Shown)
	026019	Filter, Hydrosorb (Not Shown)

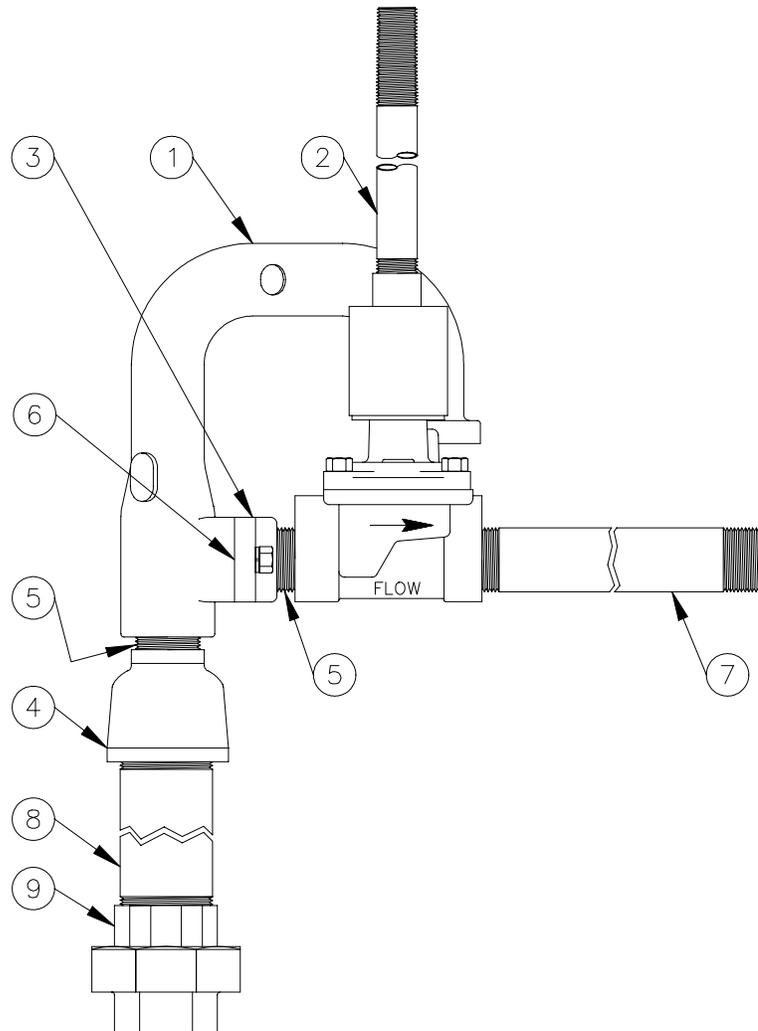
**9853ATW1M, 9853ATW2 DISCHARGE ASSEMBLY – 097155; CANADA-ATC  
097266**



Item	Part No.	Description
1	003099	Discharge Casting, Mach
	003113	Discharge Casting, Mach, ATC
2	047305	Plug Pipe, Square Hd, 1"
3	044660	Pipe TBE, 1 x 10-1/2

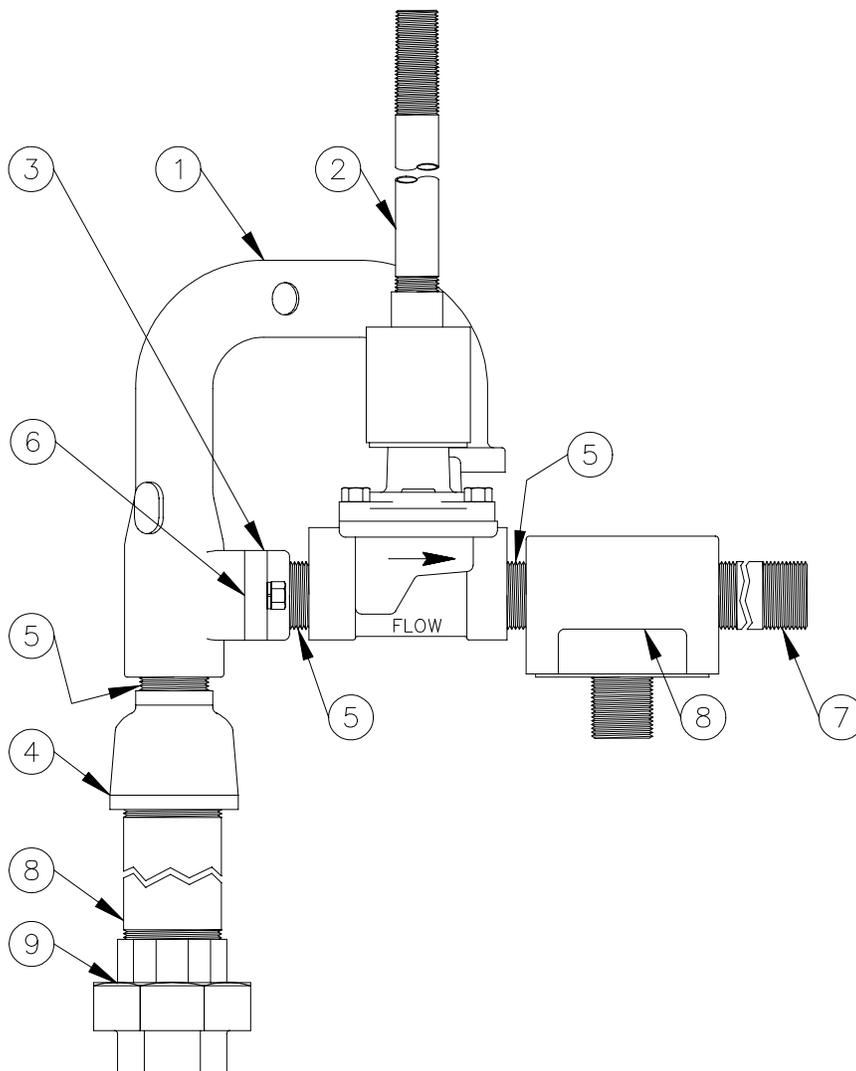
**9853AX SATELLITE DISCHARGE - 097314 115V, 097315 230V; CANADA-ATC 097431**

**9853AXTW SATELLITE DISCHARGE - 097341 115V, 097342 230V; CANADA-ATC 097432**



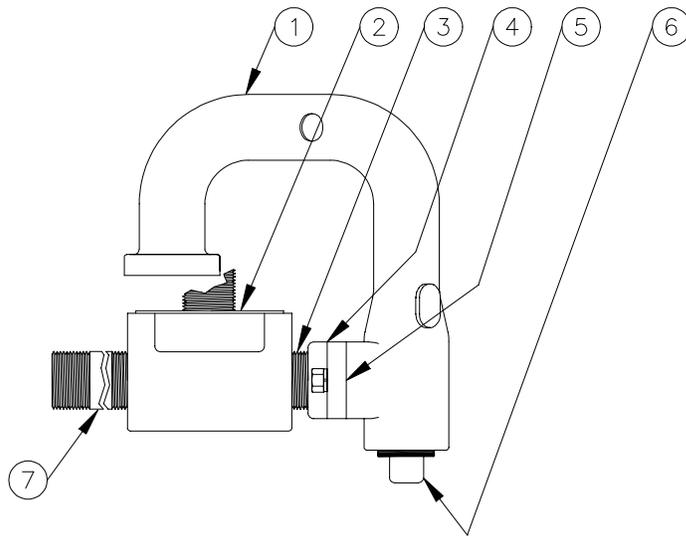
Item	Part No.	Description
1	003016	Discharge Casting, Mach
	003096	Discharge Casting, Mach, ATC
2	070079	Conduit Valve Assy., 115V, units built prior to serial number 480214
	067042	Conduit Valve Assy., 115V
	070080	Conduit Valve Assy., 230V, units built prior to serial number 480214
	067043	Conduit Valve Assy., 230V
3	026071	Mtr Flange, 1" NPT w/groove
4	021984	Pipe Coupling, Reducer 1-1/2 x 1
5	038035	Pipe TBE, 1 x 1-1/2 Close Nip
6	027004	Gasket
7	044655	Pipe TBE, 1 x 10, 9853AX
	044614	Pipe TBE, 1 x 7-1/2, 9853AXTW
8	044901	Pipe TBE 1-1/2 x 13-1/2
9	066385	Union, 1-1/2, #150 Stockham

**9853AX FILTER, SATELLITE DISCHARGE - 097318 115V, 097319 230V**  
**9853AXTW FILTER, SATELLITE DISCHARGE - 097345 115V, 097346 230V**



Item	Part No.	Description
1	003016	Discharge Casting, Mach
2	070079	Conduit Valve Assy., 115V, units built prior to serial number 480214
	067042	Conduit Valve Assy., 115V
	070080	Conduit Valve Assy., 230V, units built prior to serial number 480214
	067043	Conduit Valve Assy., 230V
3	026071	Mtr Flange, 1" NPT w/groove
4	021984	Pipe Coupling, Reducer 1-1/2 x 1
5	038035	Pipe TBE, 1 x 1-1/2 Close Nip
6	027004	Gasket
7	044581	Pipe TBE, 1 x 5-1/2, 9853AX
	044525	Pipe TBE, 1 x 3 Blk, 9853AXTW
8	044901	Pipe TBE 1-1/2 x 13-1/2
9	066385	Union, 1-1/2, #150 Stockham

**9853ATW2F DISCHARGE ASSEMBLY – 097205; CANADA-ATC 097433**

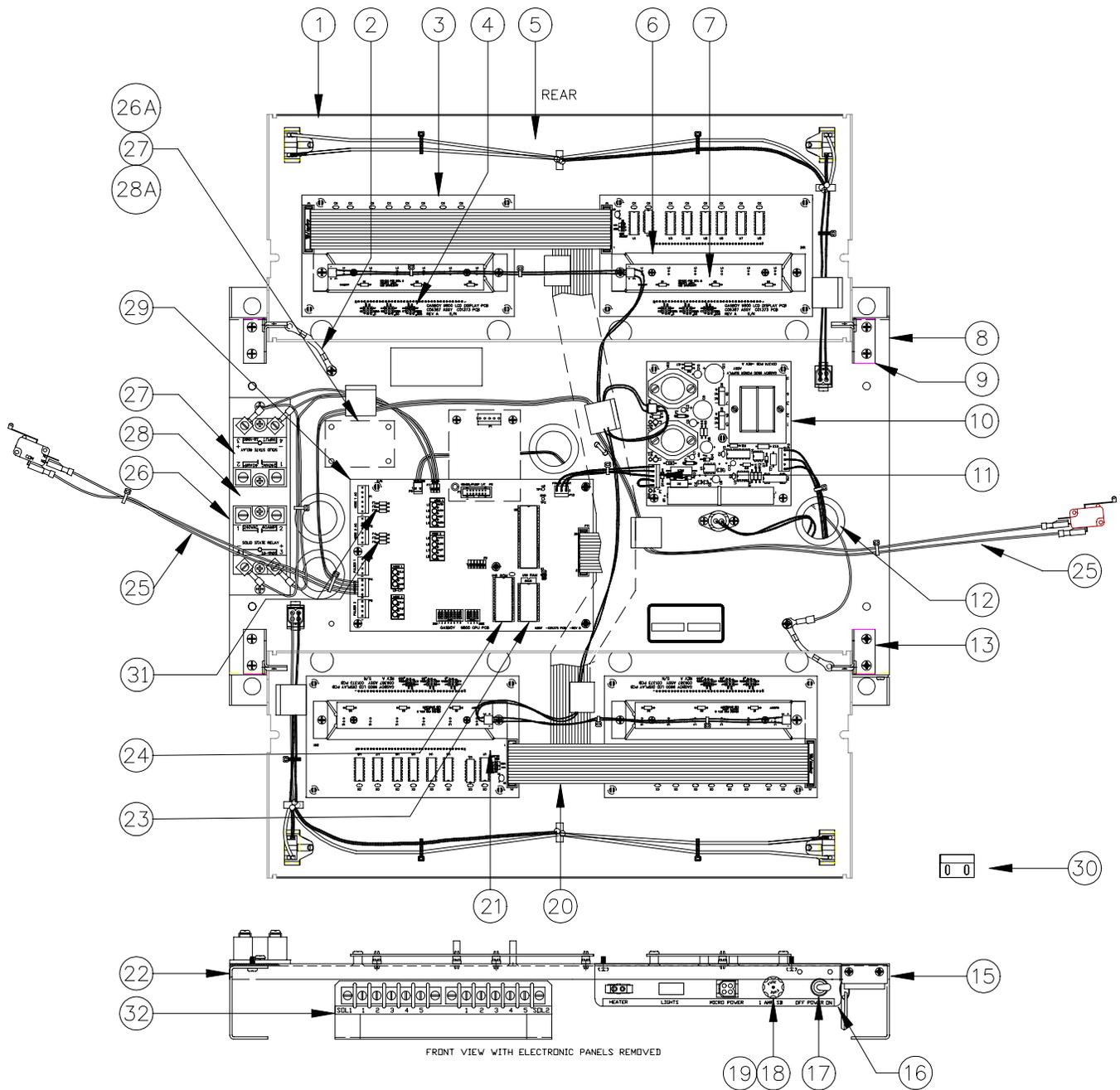


LEFT SIDE AND RIGHT SIDE

Item	Part No.	Description
1	003016	Discharge Casting, Mach
	003096	Discharge Casting, Mach, ATC
2	003087	Adapter, 1" Cimtek 400 Filter
3	038035	Pipe TBE, 1 x 1-1/2 Close Nip
4	026071	Meter Flange, 1" NPT w/groove
5	027004	Gasket
6	047305	Plug Pipe, Square Hd, 1"
7	044661	Pipe TBE, 1 x 4-7/8

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## ELECTRONIC PLATFORM ASSEMBLY



**ELECTRONIC PLATFORM ASSEMBLY****Pumps**

STD	FRONT LOAD	
C06471	C07301	Single w/Battery, 115V
C06513	C07303	Single w/Battery, 230V
C07376	C07378	Single w/Battery, 380V
C06700	C07316	9840A w/Battery, 115V
C06704	C07318	9840A w/Battery, 230V
C07384	C07386	9840A w/Battery, 380V
C06470	C07305	Twin w/Battery, 115V
C06509	C07307	Twin w/Battery, 230V
C07380	C07382	Twin w/Battery, 380V
C06473	C07302	Single w/o Battery, 115V
C06512	C07304	Single w/o Battery, 230V
C07375	C07377	Single w/o Battery, 380V
C06701	C07317	9840A w/o Battery, 115V
C06705	C07319	9840A w/o Battery, 230V
C07383	C07385	9840A w/o Battery, 380V
C06472	C07306	Twin w/o Battery, 115V
C06508	C07308	Twin w/o Battery, 230V
C07379	C07381	Twin w/o Battery, 380V

**Dispensers**

STD	FRONT LOAD	
C06461	C07309	Single w/Battery, 115V
C06515	C07311	Single w/Battery, 230V
C06702	C07320	9840AX w/Battery, 115V
C06706	C07322	9840AX w/Battery, 230V
C06475	C07313	Twin w/Battery, 115V
C06511	C07314	Twin w/Battery, 230V
C06463	C07310	Single w/o Battery, 115V
C06514	C07312	Single w/o Battery, 230V
C06703	C07321	9840AX w/o Battery, 115V
C06707	C07323	9840AX w/o Battery, 230V
C06462	C07124	Twin w/o Battery, 115V
C06510	C07315	Twin w/o Battery, 230V

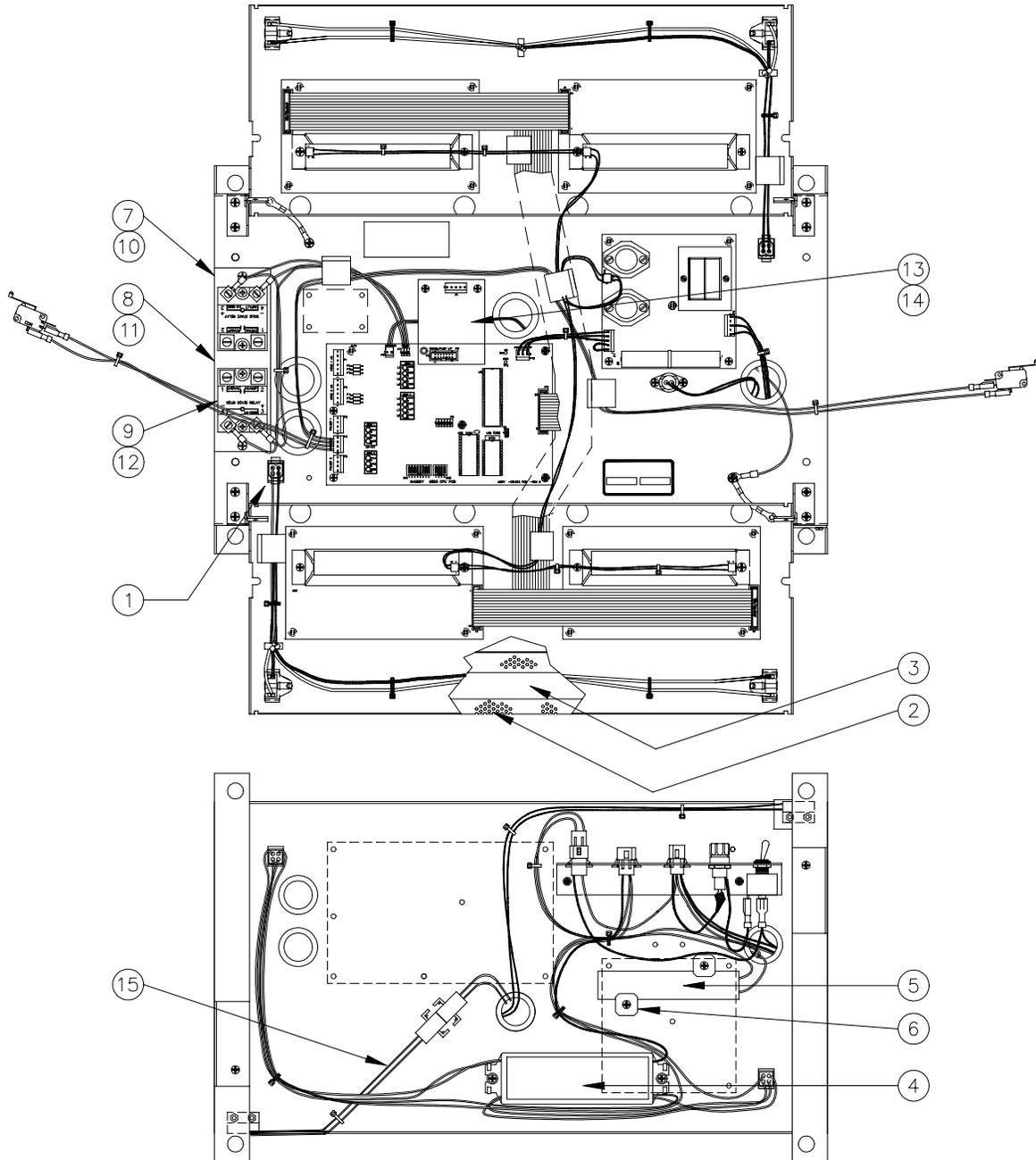
\*In the list below, indicates this part is a sub-part of the preceding assembly

Item	Part No.	Description
1		Display Panel Assy.
	C06464	Twin (shown)
	C06465	Single
	C06439	Blank, Front Load
2	*C06454	Cable Assy., Ground Strap
3	*C06387	PCB Assy., LCD Display
4	**C03315	Jumper, 2 Position Female
5	*C35395	Bracket Assy., Display - Twin
	*C35401	Bracket Assy., Display - Single
6	*C35399	Reflector, LED Backlight
7	*C06372	PCB Assy., LED Sale Backlight
8	C35398	Platform Assy.
9	*C35410	Bracket, Left Pivot Assy.
10		PCB Assy., Power Supply
	*C06397	w/Battery, 115V
	*C06396	w/o Battery, 115V
	*C06489	w/Battery, 230V (Int'l only)
	*C06488	w/o Battery, 230V (Int'l only)
11	*C06679	Cable Assy, DC CPU Power
12	*C02827	Bushing, 1" Snap In
13	*C35408	Bracket, Right Pivot Assy
15	*C06434	Cable Assy., Totalizer
16	*C06436	Cable Assy., AC Power
		Bracket
17	**C02704	Switch, SPST Toggle
18	**C02065	Fuse Holder, solder
	C09546	Fuse Holder, Quick Conn.
19	**C04044	Fuse, 1 Amp Slow Blow
20		Cable Assy., Display Ribbon
	*C06453	Twin
	*C06455	Single, or Twin Front Load
	C06574	Single, Front Load
21		Cable Assy., LED Backlight Power
	*C06431	Twin
	*C06430	Single, or Twin Front Load
	C06519	Single Front Load
22	*C35414	Bracket Assy., Platform Mount
23	*C01383	IC, RAM DS1220Y

Item	Part No.	Description
24	*C06426	IC, Programmed PROM
		(NOTE: You must specify program name: 9800A, 9800A Liter, 9840A, 9840A Liter, 9850A, 9850A Liter)
25		Cable Assy., Handle Switch
	*C06428	Twin
	*C06429	Single
26	*C06433	Relay Assy., Twin
	*C06899	Relay Assy., Twin, 380V
	*C06898	Relay Assy., Single, 380V
26A	*C06681	Relay Assy., Single
27	**C08746	Relay, Solid State
	**C09826	Relay, Solid State, 380V
28	**C34965	Bracket, Pump Relay , Twin & Single/Twin 380V
28A	**C35417	Bracket, Pump Relay, Single
	**C09827	Bracket, Pump Relay, 380V
		Twin
29		PCB Assy., CPU, 115 VAC
	*C06392	Twin Pump
	*C06394	Twin Dispenser
	*C06391	Single Pump
	*C06393	Single Dispenser
		PCB Assy, CPU, 230 VAC
	*C06501	Twin Pump
	*C06503	Twin Dispenser
	*C06500	Single Pump
	*C06502	Single Dispenser
30	C01342	Actuator, Electronic Totalizer
31	C09071	Fuse, 1Amp QB Pico Axial
32	C06518	Solenoid Cable/Bkt Assy. Twin
	C06517	Solenoid Cable/Bkt Assy. Sing.

NOTE: CPU Rev. H and above have 3 fuses (item 31) per hose outlet; prior versions have 1 fuse per hose outlet.

## ELECTRONIC PLATFORM OPTIONS



## ELECTRONIC PLATFORM OPTIONS

### Platform Assys. w/Serial Numbers below E04135

#### C06480 Option Kit, Lights (L) - 120 VAC

#### C06507 Option Kit, Lights (L) - 240 VAC

- |   |        |                                   |
|---|--------|-----------------------------------|
| 1 | C06398 | Cable Assy., Display Panel Lights |
| 2 | C35415 | Cover, Display Lamp Screen        |
| 3 | 033412 | Lamp, Fluorescent F15T8/CW        |
| 4 | C06437 | Cable Assy., Ballast - 120 VAC    |
|   | C06476 | Cable Assy., Ballast - 240 VAC    |

### Platform Assys. w/Serial Numbers E04135 & above

#### C07191 Option Kit, Lights (L) - 120 VAC

#### C07192 Option Kit, Lights (L) - 240 VAC

- |   |        |                                   |
|---|--------|-----------------------------------|
| 1 | C07117 | Cable Assy., Display Panel Lights |
| 2 | C35949 | Cover, Display Lamp Screen        |
| 3 | 033412 | Lamp, Fluorescent F15T8/CW        |
| 4 | C06437 | Cable Assy., Ballast - 120 VAC    |
|   | C06476 | Cable Assy., Ballast - 240 VAC    |

#### C06481 Option Kit, Heater (H) - 120 VAC

#### C06506 Option Kit, Heater (H) - 240 VAC

- |   |        |                               |
|---|--------|-------------------------------|
| 5 | C06450 | Cable Assy., Heater - 120 VAC |
|   | C06490 | Cable Assy., Heater - 240 VAC |
| 6 | 067165 | Washer, Fiber                 |

#### C06485 Option Kit, Relay - Twin (RT)

- |   |         |                            |
|---|---------|----------------------------|
| 7 | C06433  | Relay Assy., Twin          |
| 8 | *C34965 | Bracket, Pump Relay - Twin |
| 9 | *C08746 | Relay, Solid State, 40 Amp |

#### C06484 Option Kit, Relay - Single (RS)

- |    |         |                              |
|----|---------|------------------------------|
| 10 | C06432  | Relay Assy., Single          |
| 11 | *C35417 | Bracket, Pump Relay - Single |
| 12 | *C08746 | Relay, Solid State, 40 Amp   |

#### C06482 Option Kit, Pump I/F

- |    |        |                     |
|----|--------|---------------------|
| 13 | C06425 | PCB Assy., Pump I/F |
|----|--------|---------------------|

#### C07357 Option Kit, Pump I/F (Dual Output) For 9800A Single only.

- |    |        |                                  |
|----|--------|----------------------------------|
| 13 | C06746 | PCB Assy., Pump I/F, Dual Output |
|----|--------|----------------------------------|

#### C06483 Option Kit, RS-485

- |    |        |                   |
|----|--------|-------------------|
| 14 | C06389 | PCB Assy., RS-485 |
|----|--------|-------------------|

#### C06818 Option Kit, Rear Totalizer

- |    |        |                             |
|----|--------|-----------------------------|
| 15 | C06819 | Cable Assy., Rear Totalizer |
|----|--------|-----------------------------|

## 9800A SERIES FIELD KITS AND ACCESSORIES

Item Part No. Description

### Aboveground Tank Kit (For Factory-Mount or Field Retrofit)

032060 Aboveground Tank Kit, 9850

### Card System Interface Field Retrofit Kits (Also requires DC Conduit and Junction Box Kit)

C06482 Pulse Output  
C07357 Pulse Output, Dual (For 9800A single only)  
C06483 CFN RS-485

### Check Valve Retrofit Kit

032104 Kit is required when replacing pumping unit on a pump manufactured before serial number 471906.

### DC Conduit and Junction Box Field Retrofit Kits

032652 9852A, 9853A, 9852AX, 9853AX, 9853AHC, 9852AXTW, 9853AXTW, 9852ATW1, 9840A  
032654 9852ATW2, 9853ATW2, 9853ATW1M  
032653 9840AX  
032061 9850A, 9850AX  
032128 9850A, 9850AX (units built prior to serial number 480214)  
032062 9850AXTW

### Filter Components

Filter Elements - 9852A Standard Speed Models (up to 15 GPM)

026005 Standard  
026042 Hydrosorb  
025909 Methanol

Filter Elements - 9853A High Speed Models (up to 22 GPM)

026018 Standard  
026019 Hydrosorb  
026284 Methanol

External Filter Elements - Super Speed Models (25-40 GPM)

025900 Standard  
025901 Hydrosorb

External Filter Adapters and Kits

003043 Adapter, 9852A Models, 3/4" NPT Inlet and Outlet (Adapter only, for use with standard speed filter element.)  
032754 External High Flow Kit, 9853A (Includes adapter, super speed element and pipe fittings. Not for use with methanol).  
032755 External High Flow Kit with Hydrosorb element, 9853A Models  
032752 External Super Speed Kit, 9840A and 9850A Models (Includes high speed adapter, two super speed elements and pipe fittings. Not for use with methanol).  
032753 External Super Speed Kit with Hydrosorb Element, 9840A and 9850A Models.

### Heater Field Retrofit Kit

C06481 Heater Kit, 115V  
C06506 Heater Kit, 230V

### High Hose Retriever Kits

See High Hose retriever breakdown page for kit part numbers.

**Light Kits for Field Retrofit**

C06480	Light Kit, 115V, <i>For units with platform serial numbers below E04135</i>
C07191	Light Kit, 115V, <i>For units with platform serial numbers E04135 and above</i>
C06507	Light Kit, 230V, <i>For units with platform serial numbers below E04135</i>
C07192	Light Kit, 230V, <i>For units with platform serial numbers E04135 and above</i>

**Spare Parts Kits**

C06479	Kit for 115V Pumps/Dispensers (Parts kit for dispenser service up to 25 units)
C06664	Kit for 115V Pumps/Dispensers (Supplemental parts kit for service for more than 25 units)
C06665	Kit for 230V Pumps/Dispensers (Parts kit for dispenser service up to 25 units)
C06666	Kit for 230V Pumps/Dispensers (Supplemental parts kit for service for more than 25 units)

**Submersible Drive Relay Kits for Field Retrofit**

C06484	Single
C06485	Twin

**Totalizer Kits for Field Retrofit (Order two kits for twins except where noted otherwise)**

025975	Gallons, Models 9852A/9853A/9853AHC single and twin suction pumps and remote dispensers
025985	Liters, Models 9852A/9853A/9853AHC single and twin suction pumps and remote dispensers
039841	Gallons, 9850A, 9850AX ( <i>See Note</i> )
039840	Liters, 9850A, 9850AX ( <i>See Note</i> )
025976	Gallons, 9840A pump
025986	Liters, 9840A pump
032655	Gallons, 9840AX dispenser
032656	Liters, 9840AX dispenser
039845	Gallons, 9850AXTW (one kit required) ( <i>See Note</i> )
039844	Liters, 9850AXTW (one kit required) ( <i>See Note</i> )
032778	Bracket and Cable Replacement Kit, 9852A, 9853A singles and twins; 9850A, 9850AX.
032777	Bracket and Cable Replacement Kit, 9850AXTW. To replace old style totalizer bracket with new guide bracket. Includes everything except odometer.
C06818	Rear Totalizer Kit

**NOTE:** *Order this part for units built after serial number: 472238. For units built prior to this serial number, use appropriate totalizer kit with Pulser/Gear Train assembly listed below. Serial number is found on the UL nameplate on the side of the unit.*

**Totalizer Kits with Pulser/Gear Train Assembly (For units built prior to serial number 472238)**

032094	9850A, Liter
032095	9850A, Gallon
032096	9850AXTW, Liter
032097	9850AXTW, Gallon
032098	9850AX, Liter
032099	9850AX, Gallon

**Vapor Recovery Kits (Balanced System) for Field Retrofit**

033023	Vapor Recovery Kit
032045	Vapor Recovery Complete