



Item No.	Name of Part
1	Casing
* 2	Impeller
10	Shaft (One piece)
†† 10A	Upper Shaft
†† 10B	Lower Shaft
* 13	Packing
* 14	Shaft Sleeve
17	Gland
* 18	Thrust Bearing
* 26	Impeller Screw
* 28	Impeller Screw Washer
29	Seal Cage
* 32	Impeller Key
* 39	Bearing Bushing
42	Coupling (Driver Half)
44	Coupling (Pump Half)
66	Shaft Adjusting Nut
†† 70	Shaft Coupling
72	Thrust Collar
81	Driver Pedestal
99	Bearing Housing
101	Column Pipe
† 101A	Column (Lower)
*† 103	Intermediate Bearing
174	Float Switch (Simplex Units)
174A	Mechanical Alternator (Duplex Units)
175	Float
177	Float Rod
178	Float Switch Bracket
179	Counterweight
180	Float Rod Stops (Lower)
181	Float Rod Stops (Upper)
* 182	Coupling Sleeve
183	Strainer
184	Float Rod Guide Pipe
186	Counterweight Arm
† 188	Intermediate Bearing Housing
204	Discharge Pipe Flange
205	Discharge Pipe (Only on SA model)
206	Grease Lines
N.S.	Adapter Plate - required on the models listed below: 3402SML-VS 1150 & 1750 RPM 4402SML-VS 1150 & 1750 RPM 4403SML-VS 1150 & 1750 RPM 3402SM-VS 1150 RPM 4402SM-VS 1150 RPM

† Furnished only when sump depth exceeds 5 feet for Shaft Group I Pumps or 6 feet for Shaft Group II & III Pumps

†† Furnished only when sump depth exceeds 14 feet

\* For domestic service we recommend these parts be carried in stock as spares



**WARNING:**

CANCER AND REPRODUCTIVE HARM - [WWW.P65WARNINGS.CA.GOV](http://WWW.P65WARNINGS.CA.GOV)

**Repair Parts**

Materials of Construction			
Part No.	Name	Standard Fitted	All Iron
1	Casing	Cast Iron	Cast Iron
2	Impeller	Cast Iron	Cast Iron
10	Shaft (one piece)	Steel	Steel
10A	Shaft (Upper)	Steel	Steel
10B	Shaft (Lower)	Steel	Steel
13	Packing	Graphite-Polymer	Graphite-Polymer
14	Shaft Sleeve	Stainless	Stainless
17	Gland	Bronze	Cast Iron
18	Bearing (Thrust)	Steel	Steel
26	Impeller Screw	Stainless	Stainless
28	Impeller Screw Washer	Stainless	Stainless
29	Seal Cage	Bronze	Cast Iron
32	Impeller Key	Stainless	Stainless
39	Bearing Bushing	Bronze	Cast Iron
42	Coupling (Driver Half)	Zinc Alloy or Cast Iron	Zinc Alloy or Cast Iron
44	Coupling (Pump Half)	Zinc Alloy or Cast Iron	Zinc Alloy or Cast Iron
66	Shaft Adjusting Nut	Steel	Steel
70	Shaft Coupling	Steel	Steel
72	Thrust Collar	Cast Iron	Cast Iron
81	Driver Pedestal	Cast Iron	Cast Iron
99	Bearing Housing	Cast Iron	Cast Iron
101	Column Pipe	Steel Pipe	Steel Pipe
101A	Column Pipe (Lower)	Steel Pipe	Steel Pipe
103	Intermediate Bearing	Bronze	Cast Iron
174	Float Switch	Sq. D #9036	Sq. D #9036
174A	Mech. Alternator	Sq. D #9038	Sq. D #9038
175	Float	Copper	Copper
177	Float Rod	Fiberglass Rod	Fiberglass Rod
178	Float Switch Bracket	Cast Iron	Cast Iron
179	Counterweight	Cast Iron	Cast Iron
180	Float Rod Stops (Lower)	Cad. Plated Steel	Cad. Plated Steel
181	Float Rod Stops (Upper)	Cad. Plated Steel	Cad. Plated Steel
182	Coupling Sleeve	Rubber	Rubber
183	Strainer	Cast Iron	Cast Iron
184	Float Rod Guide Plate	Steel	Steel
186	Counterweight Arm	Steel	Steel
188	Intermediate Bearing Housing	Cast Iron	Cast Iron
204	Discharge Pipe Flange	Cast Iron	Cast Iron
205	Discharge Pipe	Steel	Steel
206	Grease Lines	Nylon	Nylon
N.S.	Adapter	Steel	Steel
N.S.	Adapter Gasket	Paper	Paper