



Item No.	Name of Part
1	Casing
2	Impeller
10	Shaft (One piece)
18	Thrust Bearing
26	Impeller Pin
32	Impeller Key
39	Bearing Bushing
42	Coupling (Driver Half)
44	Coupling (Pump Half)
73	Casing Gasket
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
180	Float Rod Stops (Lower)
181	Float Rod Stops (Upper)
182	Coupling Sleeve
183	Strainer
* 188	Intermediate Bearing Housing
205	Discharge Pipe (Only on SA model)

* Items 103 & 188 must be purchased as an assembly.

Repair Parts

Model 6S									
700 Series Sump Pumps									
	Depth 2'	Qty.	Depth 3'	Qty.	Depth 4'	Qty.	Depth 5'	Qty.	
1	Casing		C8502-A2						1
2	Impeller		B6336-1-B12						1
10	Shaft (One Piece)	1	A8516-3-J9	1	A8519-5-J9	1	A8516-7-J9		1
18	Thrust Bearing		Q-10-133-E4						1
26	Impeller Pin		Q22-35-J5						1
32	Impeller Key		Q21-4-J8						1
39	Lower Bearing Bushing (Brz.)		A8518-C7						1
39	Lower Bearing Bushing (Graph.)		A8518-U3						1
42	Coupling (Driver Half)		W062-3J						1
44	Coupling (Pump Half)		W075-3J						1
73	Casing Gasket		C8520-L13						1
81	Driver Ped. / Top Housing		C8504-A2						1
99	Lower Bearing Housing		C8503-A2						1
101	Upper Column Pipe	1	A8515-3-E4	1	A8515-5-E4	1	A8515-5-E4		1
101A	Lower Column Pipe		N/A						0
103	Inter. Bearing Bushing (Brz.)		SEE PAGE 116						0
103	Inter. Bearing Bushing (Graph.)		SEE PAGE 116						0
174	Float Switch (Simplex)		SEE PAGES 117 thru 119						-
174A	Mechanical Alternator (Duplex)		SEE PAGES 117 thru 119						-
175	Float		SEE PAGES 117 thru 119						-
177	Float Rod		SEE PAGES 117 thru 119						-
178	Float Switch Bracket		SEE PAGES 117 thru 119						-
180	Float Rod Stops (Lower)		SEE PAGES 117 thru 119						-
181	Float Rod Stops (Upper)		SEE PAGES 117 thru 119						-
182	Coupling Sleeve		W005-3JES						1
183	Strainer		8508-A2						1
188	Intermediate Bearing Housing		SEE PAGE 116						0
205	Discharge Pipe (Only on SA)		N/A						0

Model 6S									
700 Series Sump Pumps									
	Depth 6'	Qty.	Depth 7'	Qty.	Depth 8'	Qty.	Depth 9'	Qty.	
1	Casing		C8502-A2						1
2	Impeller		B6336-1-B12						1
10	Shaft (One Piece)	1	A8516-3-J9	1	A8519-5-J9	1	A8516-7-J9		1
18	Thrust Bearing		Q-10-133-E4						1
26	Impeller Pin		Q22-35-J5						1
32	Impeller Key		Q21-4-J8						
39	Lower Bearing Bushing (Brz.)		A8518-C7						1
39	Lower Bearing Bushing (Graph.)		A8518-U3						1
42	Coupling (Driver Half)		W062-3J						1
44	Coupling (Pump Half)		W075-3J						1
73	Casing Gasket		C8520-L13						1
81	Driver Ped.. / Top Housing		C8504-A2						1
99	Lower Bearing Housing		C8503-A2						1
101	Upper Column Pipe	1	A8515-3-E4	1	A8515-5-E4	1	A8515-3-E4		1
101A	Lower Column Pipe	1	A8515-3-E4	1	A8515-5-E4	1	A8515-3-E4		2
103	Inter. Bearing Bushing (Brz.)	1	A8518-C7	1	A8518-C7	1	A8518-C7		2
103	Inter. Bearing Bushing (Graph.)	1	A8518-U3	1	A8518-U3	1	A8518-U3		2
174	Float Switch (Simplex)		SEE PAGES 117 thru 119						-
174A	Mechanical Alternator (Duplex)		SEE PAGES 117 thru 119						-
175	Float		SEE PAGES 117 thru 119						-
177	Float Rod		SEE PAGES 117 thru 119						-
178	Float Switch Bracket		SEE PAGES 117 thru 119						-
180	Float Rod Stops (Lower)		SEE PAGES 117 thru 119						-
181	Float Rod Stops (Upper)		SEE PAGES 117 thru 119						-
182	Coupling Sleeve		W005-3JES						1
183	Strainer		8508-A2						1
188	Intermediate Bearing Housing	1	A8519-E22	1	A8519-E22	1	A8519-E22		1
205	Discharge Pipe (Only on SA)		N/A						

Repair Parts

Model 6SA								
700 Series Sump Pumps	Depth 2'	Qty.	Depth 3'	Qty.	Depth 4'	Qty.	Depth 5'	Qty.
1	Casing		C8502-A2					1
2	Impeller		B6336-1-B12					1
10	Shaft (One Piece)	1	A8516-3-J9	1	A8519-5-J9	1	A8516-7-J9	1
18	Thrust Bearing		Q-10-133-E4					1
26	Impeller Pin		Q22-35-J5					1
32	Impeller Key		Q21-4-J8					1
39	Lower Bearing Bushing (Brz.)		A8518-C7					1
39	Lower Bearing Bushing (Graph.)		A8518-U3					1
42	Coupling (Driver Half)		W062-3J					1
44	Coupling (Pump Half)		W075-3J					1
73	Casing Gasket		C8520-L13					1
81	Driver Ped. / Top Housing		C8504-A2					1
99	Lower Bearing Housing		C8503-A2					1
101	Upper Column Pipe	1	A8515-3-E4	1	A8515-5-E4	1	A8515-5-E4	1
101A	Lower Column Pipe		N/A					0
103	Inter. Bearing Bushing (Brz.)		SEE PAGE 116					0
103	Inter. Bearing Bushing (Graph.)		SEE PAGE 116					0
174	Float Switch (Simplex)		SEE PAGES 117 thru 119					-
174A	Mechanical Alternator (Duplex)		SEE PAGES 117 thru 119					-
175	Float		SEE PAGES 117 thru 119					-
177	Float Rod		SEE PAGES 117 thru 119					-
178	Float Switch Bracket		SEE PAGES 117 thru 119					-
180	Float Rod Stops (Lower)		SEE PAGES 117 thru 119					-
181	Float Rod Stops (Upper)		SEE PAGES 117 thru 119					-
182	Coupling Sleeve		W005-3JES					1
183	Strainer		8508-A2					1
188	Intermediate Bearing Housing		SEE PAGE 116					0
205	Discharge Pipe (Only on SA)	1	A8517-3-E4	1	A8517-5-E4	1	A8517-7-E4	1

Model 6SA									
700 Series Sump Pumps		Depth 6'	Qty.	Depth 7'	Qty.	Depth 8'	Qty.	Depth 9'	Qty.
1	Casing			C8502-A2					1
2	Impeller			B6336-1-B12					1
10	Shaft (One Piece)	A8516-9-J9	1	A8516-3-J9	1	A8519-5-J9	1	A8516-7-J9	1
18	Thrust Bearing			Q-10-133-E4					1
26	Impeller Pin			Q22-35-J5					1
32	Impeller Key			Q21-4-J8					
39	Lower Bearing Bushing (Brz.)			A8518-C7					1
39	Lower Bearing Bushing (Graph.)			A8518-U3					1
42	Coupling (Driver Half)			W062-3J					1
44	Coupling (Pump Half)			W075-3J					1
73	Casing Gasket			C8520-L13					1
81	Driver Ped. / Top Housing			C8504-A2					1
99	Lower Bearing Housing			C8503-A2					1
101	Upper Column Pipe	A8515-3-E4	1	A8515-3-E4	1	A8515-5-E4	1	A8515-3-E4	1
101A	Lower Column Pipe	A8515-3-E4	1	A8515-5-E4	1	A8515-5-E4	1	A8515-3-E4	2
103	Inter. Bearing Bushing (Brz.)	A8518-C7	1	A8518-C7	1	A8518-C7	1	A8518-C7	2
103	Inter. Bearing Bushing (Graph.)	A8518-U3	1	A8518-U3	1	A8518-U3	1	A8518-U3	2
174	Float Switch (Simplex)			SEE PAGES 117 thru 119					-
174A	Mechanical Alternator (Duplex)			SEE PAGES 117 thru 119					-
175	Float			SEE PAGES 117 thru 119					-
177	Float Rod			SEE PAGES 117 thru 119					-
178	Float Switch Bracket			SEE PAGES 117 thru 119					-
180	Float Rod Stops (Lower)			SEE PAGES 117 thru 119					-
181	Float Rod Stops (Upper)			SEE PAGES 117 thru 119					-
182	Coupling Sleeve			W005-3JES					1
183	Strainer			8508-A2					1
188	Intermediate Bearing Housing	A8519-E22	1	A8519-E22	1	A8519-E22	1	A8519-E22	1

Repair Parts

Intermediate Bearing Assembly					
Pump Model	Bearing Material	Max. Temp (°F)	Bearing P/N	Housing P/N	Assembly P/N
6S	Bronze	120	A8518-C7	A8519-E22	A8519-B-C7
	Graphitar	190	A8518-U3	A8519-E22	B8519-B-U3
6SA	Bronze	120	A8518-C7	A8519-E22	B8519-B-C7
	Graphitar	190	A8518-U3	A8519-E22	B8519-B-U3

Assembly P/N Includes Item No. 103 & 188

Lower Bearing Assembly					
Pump Model	Bearing Material	Max. Temp (°F)	Bearing P/N	Housing P/N	Assembly P/N
6S	Bronze	120	A8518-C7	8503-A2	C8503-A-C7
	Graphitar	190	A8518-U3	8503-A2	C8503-A-U3
6SA	Bronze	120	A8518-C7	8503-A2	C8503-A-C7
	Graphitar	190	A8518-U3	8503-A2	C8503-A-U3

Assembly P/N Includes Item No. 103 & 188

Float Switch Assemblies

Float Switch Assembly NEMA 1 Enclosure			
Pump Depth	Assembly P/N	Consists of:	
		Float Switch	Float Rod
2'	FS-152N1-13	FS-152N1	A8662-13-P3
3'	FS-152N1-15	FS-101N1	A8662-15-P3
4'	FS-152N1-1	FS-101N1	A8662-1-P3
5'	FS-152N1-3	FS-101N1	A8662-3-P3
6'	FS-152N1-5	FS-101N1	A8662-5-P3
7'	FS-152N1-7	FS-101N1	A8662-7-P3
8'	FS-152N1-9	FS-101N1	A8662-9-P3
9'	FS-101N1-11	FS-101N1	A8662-11-P3

Float Switch Assembly NEMA 4 Enclosure			
Pump Depth	Assembly P/N	Consists of:	
		Float Switch	Float Rod
2'	FS-84N4-13	FS-84N4	A8662-13-P3
3'	FS-84N4-15	FS-84N4	A8662-15-P3
4'	FS-84N4-12	FS-84N4	A8662-1-P3
5'	FS-84N4-3	FS-84N4	A8662-3-P3
6'	FS-84N4-5	FS-84N4	A8662-5-P3
7'	FS-84N4-7	FS-84N4	A8662-7-P3
8'	FS-84N4-9	FS-84N4	A8662-9-P3
9'	FS-84N4-11	FS-84N4	A8662-11-P3

Float Switch Assembly NEMA 7 Enclosure			
Pump Depth	Assembly P/N	Consists of:	
		Float Switch	Float Rod
2'	FS-85N7-13	FS-85N7	A8662-13-P3
3'	FS-85N7-15	FS-85N7	A8662-15-P3
4'	FS-85N7-12	FS-85N7	A8662-1-P3
5'	FS-85N7-3	FS-85N7	A8662-3-P3
6'	FS-85N7-5	FS-85N7	A8662-5-P3
7'	FS-85N7-7	FS-85N7	A8662-7-P3
8'	FS-85N7-9	FS-85N7	A8662-9-P3
9'	FS-85N7-11	FS-85N7	A8662-11-P3

B.O.M. For Above Assemblies

FS-152N1 Consists of:		
Description	P/N	Qty.
Float Rod Collar	A5487-E13	4
Screw	Q15-37-E26	6
Screw	Q15-3-E26	1
Nut	15-5-3	5
Washer	037766	2
Float Switch	Q51-53-E4	1
Float, 5", Copper	Q55-8-C9	1
Float Bracket	33266	1
Float Rod Guide	33268	1

FS-84N4 Consists of:		
Description	P/N	Qty.
Float Rod Collar	A5487-E13	4
Screw	Q15-37-E26	4
Screw	Q15-3-E26	1
Nut	15-5-3	3
Washer	037766	2
Float Switch	Q51-35-A2	1
Float, 5", Copper	Q55-8-C6	1
Float Bracket	33266	1
Float Rod Guide	33268	1

FS-85N7 Consists of:		
Description	P/N	Qty.
Float Rod Collar	A5487-E13	4
Screw	Q15-37-E26	4
Screw	Q15-3-E26	1
Nut	15-5-3	3
Washer	037766	2
Float Switch	Q51-34-A2	1
Float, 5", Copper	Q55-8-C6	1
Float Bracket	33266	1
Float Rod Guide	33268	1

Repair Parts

Alternator Assemblies

Alternator Assembly NEMA 1 Enclosure				
Sump Depth	Assembly P/N	Consists of:		
		Alternator	Float Rod	Guide Pipe
2'	MA-74N1-30	MA-74N1	A8391-30-E14	A8392-5-E4
3'	MA-74N1-40	MA-74N1	A8391-40-E14	A8392-5-E4
4'	MA-74N1-50	MA-74N1	A8391-50-E14	A8392-10-E4
5'	MA-74N1-60	MA-74N1	A8391-60-E14	A8392-10-E4
6'	MA-74N1-70	MA-74N1	A8391-70-E14	A8392-10-E4
7'	MA-74N1-80	MA-74N1	A8391-80-E14	A8392-30-E4
8'	MA-74N1-90	MA-74N1	A8391-90-E14	A8392-30-E4
9'	MA-74N1-100	MA-74N1	A8391-100-E14	A8392-30-E4
Alternator Assembly NEMA 4 Enclosure				
Sump Depth	Assembly P/N	Consists of:		
		Alternator	Float Rod	Guide Pipe
2'	MA-130N4-30	MA-130N4	A8391-30-E14	A8392-5-E4
3'	MA-130N4-40	MA-130N4	A8391-40-E14	A8392-5-E4
4'	MA-130N4-50	MA-130N4	A8391-50-E14	A8392-10-E4
5'	MA-130N4-60	MA-130N4	A8391-60-E14	A8392-10-E4
6'	MA-130N4-70	MA-130N4	A8391-70-E14	A8392-10-E4
7'	MA-130N4-80	MA-130N4	A8391-80-E14	A8392-30-E4
8'	MA-130N4-90	MA-130N4	A8391-90-E14	A8392-30-E4
9'	MA-130N4-100	MA-130N4	A8391-100-E14	A8392-30-E4
Alternator Assembly NEMA 7 Enclosure				
Sump Depth	Assembly P/N	Consists of:		
		Alternator	Float Rod	Guide Pipe
2'	MA-132N7-30	MA-132N7	A8391-30-E14	A8392-5-E4
3'	MA-132N7-40	MA-132N7	A8391-40-E14	A8392-5-E4
4'	MA-132N7-50	MA-132N7	A8391-50-E14	A8392-10-E4
5'	MA-132N7-60	MA-132N7	A8391-60-E14	A8392-10-E4
6'	MA-132N7-70	MA-132N7	A8391-70-E14	A8392-10-E4
7'	MA-132N7-80	MA-132N7	A8391-80-E14	A8392-30-E4
8'	MA-132N7-90	MA-132N7	A8391-90-E14	A8392-30-E4
9'	MA-132N7-100	MA-132N7	A8391-100-E14	A8392-30-E4

Alternator Assemblies

MA-74N1 Consists of:		
Description	P/N	Qty.
Float Rod Collar	A5487-E13	4
Switch Stand	C5450-A2	1
Screw	Q15-111-E26	4
Screw	Q15-3-E26	2
Nut	15-5-3	4
Washer	037766	2
Alternator	Q51-2-E4	1
Float, 6x9, Copper	Q55-8-C6	1
MA-130N4 Consists of:		
Description	P/N	Qty.
Float Rod Collar	A5487-E13	4
Switch Stand	C5450-A2	1
Screw	029533	2
Screw	Q15-3-E26	6
Nut	15-5-3	4
Nut	Q18-8-E4	2
Washer	037766	2
Alternator	Q51-39-A2	1
Float, 6x9, Copper	Q55-8-C6	1
Adapter Plate	A5451-E4	1
MA-132N7 Consists of:		
Description	P/N	Qty.
Float Rod Collar	A5487-E13	4
Switch Stand	C5450-A2	1
Screw	029533	2
Screw	Q15-3-E26	6
Nut	15-5-3	4
Nut	Q18-8-E4	2
Washer	037766	2
Alternator	Q51-38-A2	1
Float, 6x9, Copper	Q55-8-C6	1
Adapter Plate	Q5451-E4	1