



## **4" UP SERIES SUBMERSIBLE PUMPS 3450 RPM 60 Hz.**

**UP Series Submersible Pumps** are manufactured using high quality materials and are designed to deliver years of dependable service. The **UP Series** are comprised of a large selection of pump models ranging from 1/2 HP through 10 HP with a broad variety of capacities (5 gpm - 80 gpm).

Pumps are equipped with floating impellers to reduce the high starting torque. Impellers are made of abrasion resistant Noryl\*, with polycarbonate diffusers. Both are encased in a stainless steel bowl. All materials used are highly resistant to corrosion and abrasion.

### **QUALITY FEATURES**

CAST STAINLESS STEEL DISCHARGE  
HEAD WITH BUILT-IN CHECK VALVE

CAST STAINLESS STEEL  
MOTOR ADAPTER

STAINLESS STEEL PUMP CASING

STAINLESS STEEL BOWLS

STAINLESS STEEL STRAINER

STAINLESS STEEL  
PUMP SHAFT & COUPLING

STAINLESS STEEL CABLE GUARD

IMPELLERS, DIFFUSERS & BEARINGS  
ARE CONSTRUCTED OF ENGINEERING  
COMPOSITES THAT ARE NON-TOXIC  
AND ARE RESISTANT TO CORROSION  
AND ABRASION

DURABLE URETHANE BEARINGS



\* GE Trade Mark      Specifications subject to change without notice.

**DISTRIBUTED BY:**



**4" MODEL UP-05**  
60 Hz - 3450 RPM



1 1/4" Discharge



S.S. Cast Discharge Head

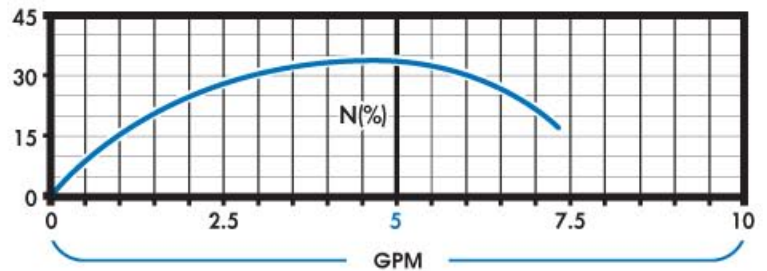
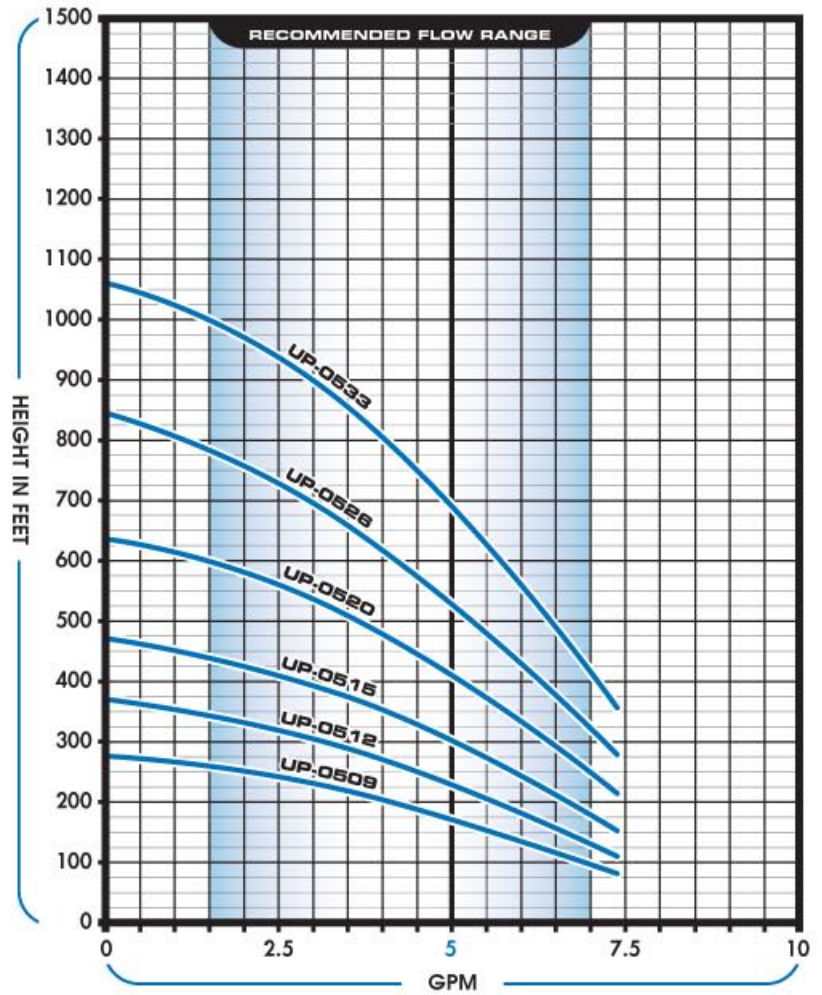


S.S. Cast Adapter



S.S. Bowl

**UP SERIES PERFORMANCE CURVES**  
5 GPM MAXIMUM EFFICIENCY



MODEL	HP	STAGES	LENGTH (in)	WEIGHT (lbs)
UP-0509	0.5	9	12.0	6.8
UP-0512	0.5	12	14.1	7.9
UP-0515	0.75	15	16.2	9.0
UP-0520	1	20	19.6	10.8
UP-0526	1.5	26	25.3	12.8
UP-0533	2	33	29.8	16.0





**4" MODEL UP-07**  
60 Hz - 3450 RPM



1 1/4" Discharge



S.S. Cast  
Discharge Head

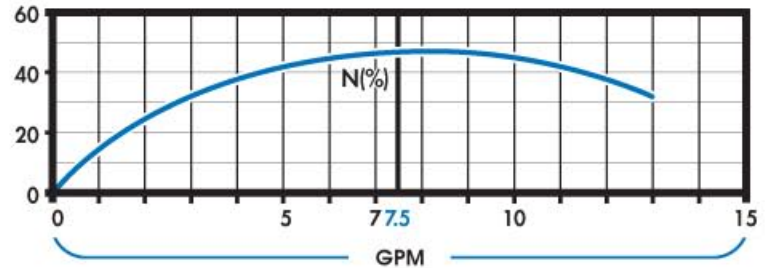
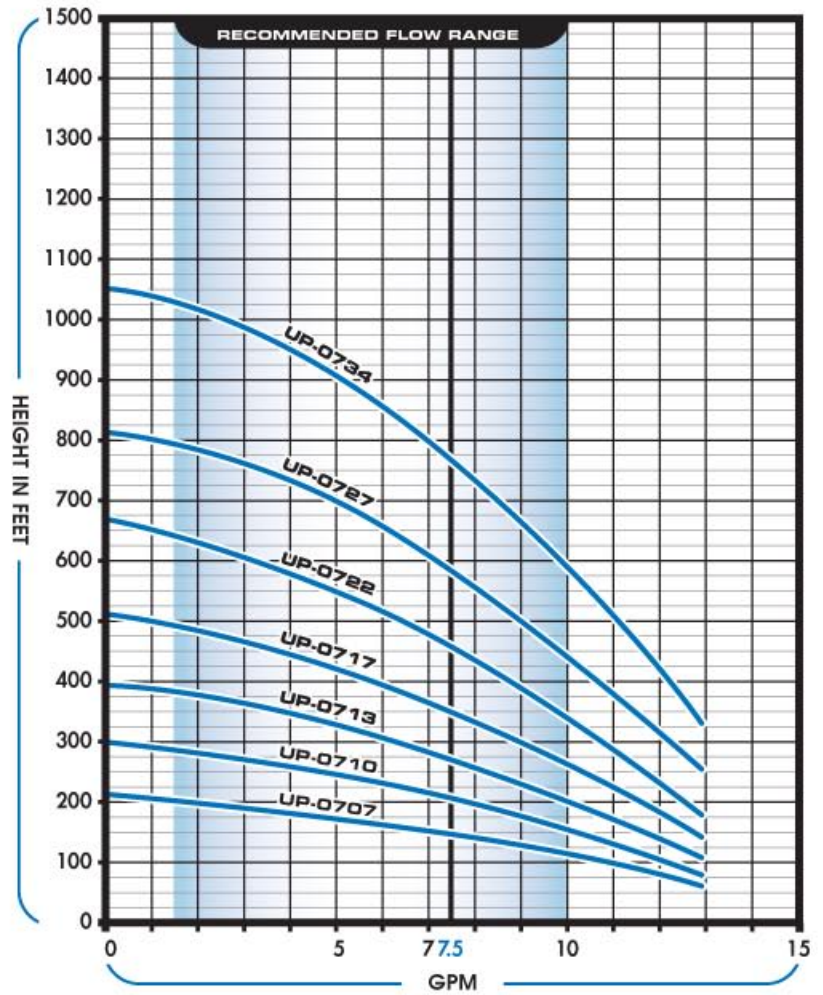


S.S. Cast  
Adapter



S.S. Bowl

**UP SERIES PERFORMANCE CURVES**  
7 GPM MAXIMUM EFFICIENCY



MODEL	HP	STAGES	LENGTH (in)	WEIGHT (lbs)
UP-0707	0.5	7	10.8	6.2
UP-0710	0.5	10	13.4	7.2
UP-0713	0.75	13	15.6	9.1
UP-0717	1	17	18.4	10.2
UP-0722	1.5	22	22	12.3
UP-0727	2	27	26.5	15.2
UP-0734	3	34	31.7	18.1



**4" MODEL UP-10**  
60 Hz - 3450 RPM



1 1/4" Discharge



S.S. Cast Discharge Head

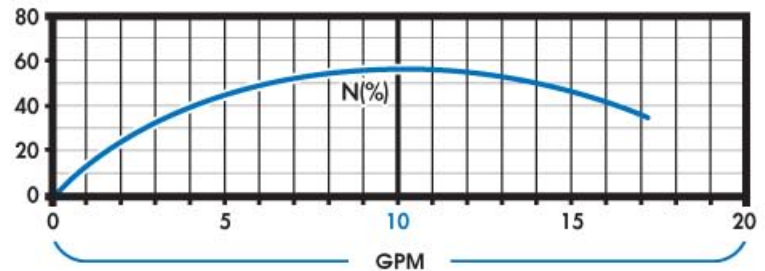
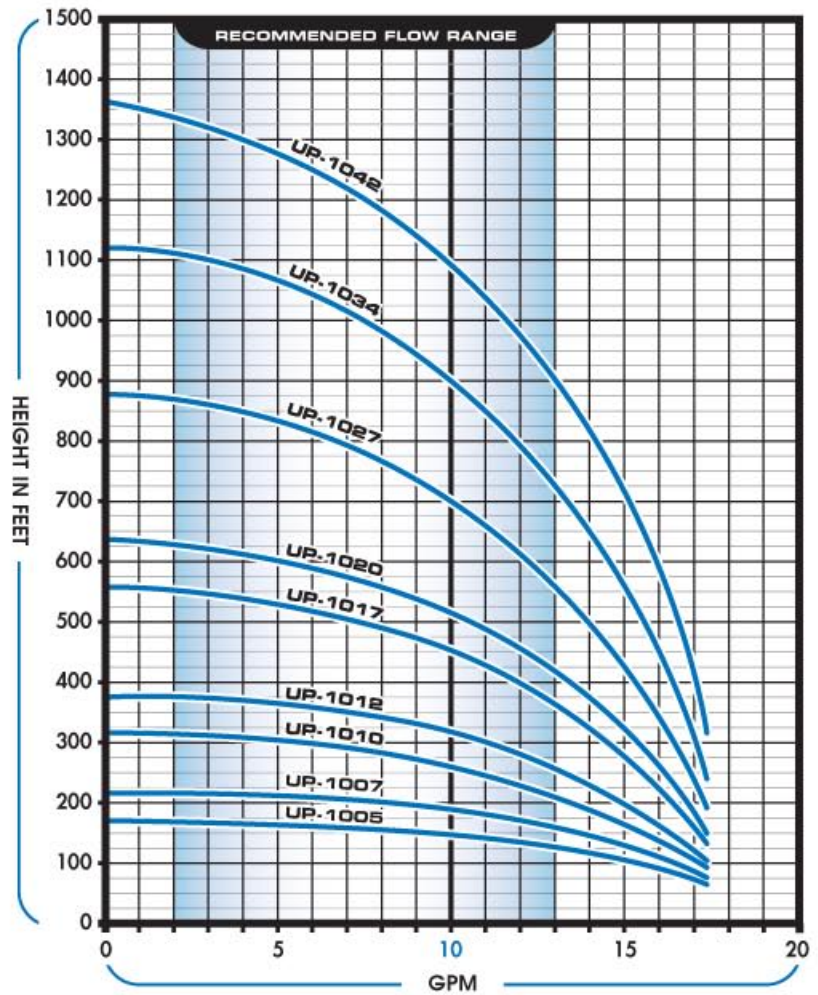


S.S. Cast Adapter



S.S. Bowl

**UP SERIES PERFORMANCE CURVES**  
10 GPM MAXIMUM EFFICIENCY



MODEL	HP	STAGES	LENGTH (in)	WEIGHT (lbs)
UP-1005	0.5	5	9.4	5.6
UP-1007	0.5	7	10.7	6.2
UP-1010	0.75	10	12.8	7.3
UP-1012	1	12	14.1	7.9
UP-1017	1.5	17	17.6	9.7
UP-1020	2	20	19.6	10.8
UP-1027	3	27	26.0	13.2
UP-1034	5	34	29.9	16.6
UP-1042	5	42	36.0	19.4





**4" MODEL UP-13**  
60 Hz - 3450 RPM



1 1/4" Discharge



S.S. Cast Discharge Head

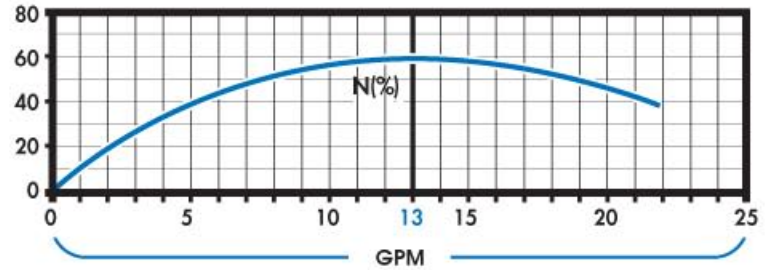
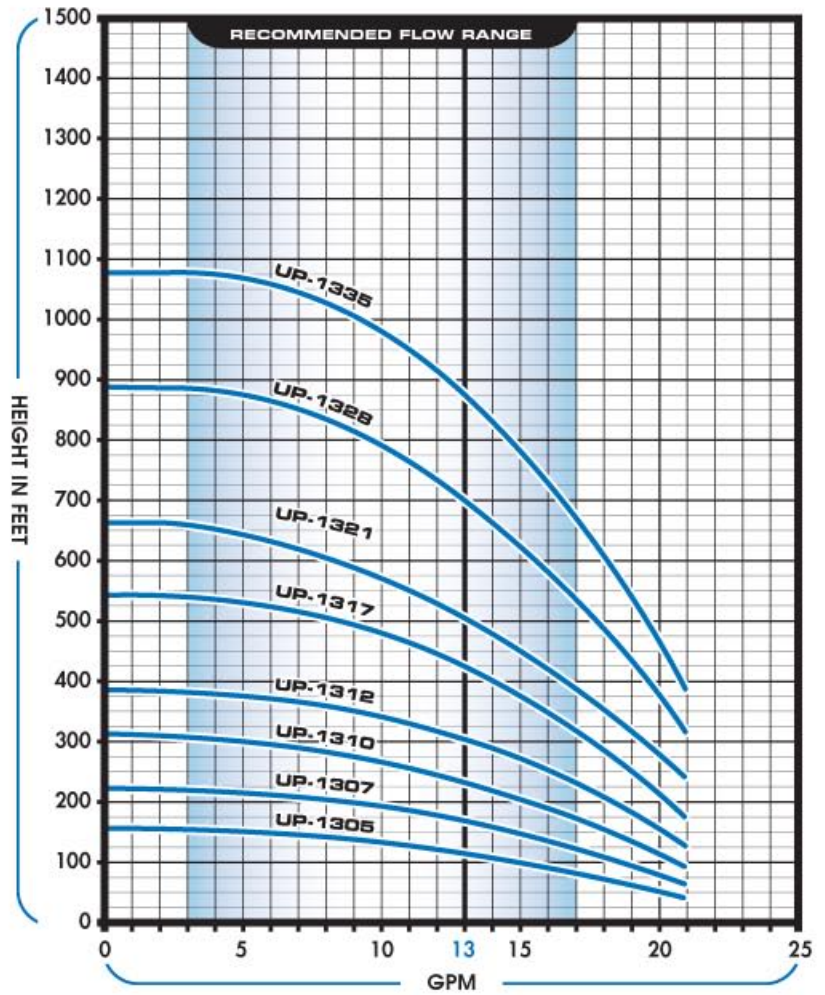


S.S. Cast Adapter



S.S. Bowl

**UP SERIES PERFORMANCE CURVES**  
13 GPM MAXIMUM EFFICIENCY



MODEL	HP	STAGES	LENGTH (in)	WEIGHT (lbs)
UP-1305	0.5	5	9.3	5.5
UP-1307	0.75	7	10.7	6.2
UP-1310	1	10	12.8	7.0
UP-1312	1.5	12	14.1	7.7
UP-1317	2	17	17.6	9.5
UP-1321	3	21	20.4	11.0
UP-1328	5	28	26.8	13.2
UP-1335	5	35	31.6	16.7



**4" MODEL UP-18**  
60 Hz - 3450 RPM



1 1/4" Discharge



S.S. Cast Discharge Head

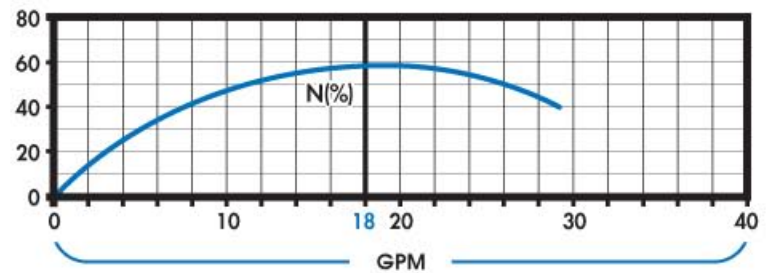
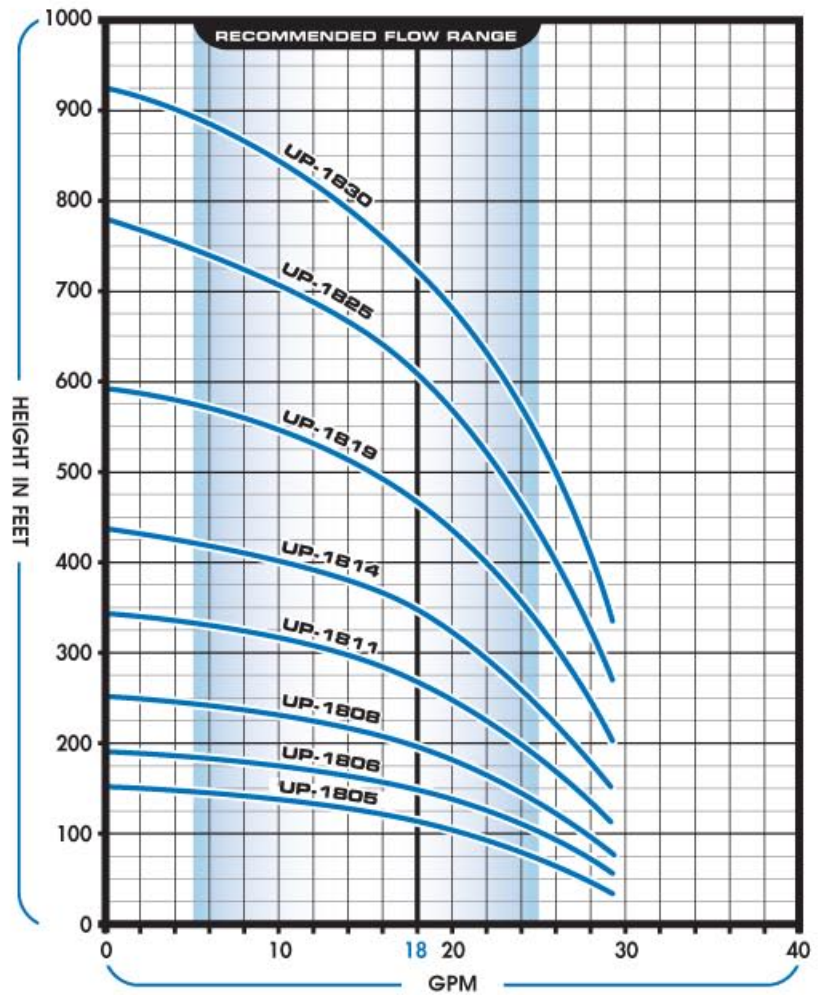


S.S. Cast Adapter



S.S. Bowl

**UP SERIES PERFORMANCE CURVES**  
18 GPM MAXIMUM EFFICIENCY



MODEL	HP	STAGES	LENGTH (in)	WEIGHT (lbs)
UP-1805	0.5	5	10.1	6.0
UP-1806	0.75	6	11.0	6.2
UP-1808	1	8	12.7	6.8
UP-1811	1.5	11	15.2	7.9
UP-1814	2	14	17.8	9.0
UP-1819	3	19	22.0	10.8
UP-1825	5	25	28.5	13.3
UP-1830	5	30	32.6	15.6





**4" MODEL UP-25**  
60 Hz - 3450 RPM



1 1/2" Discharge



S.S. Cast Discharge Head

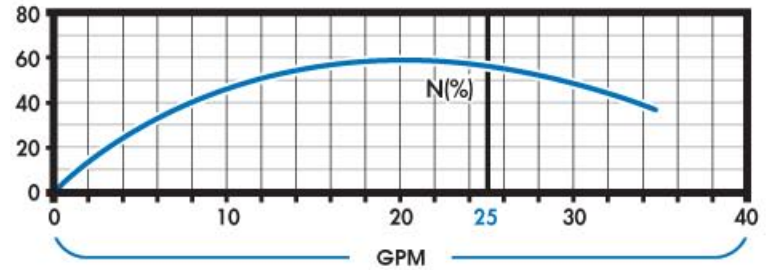
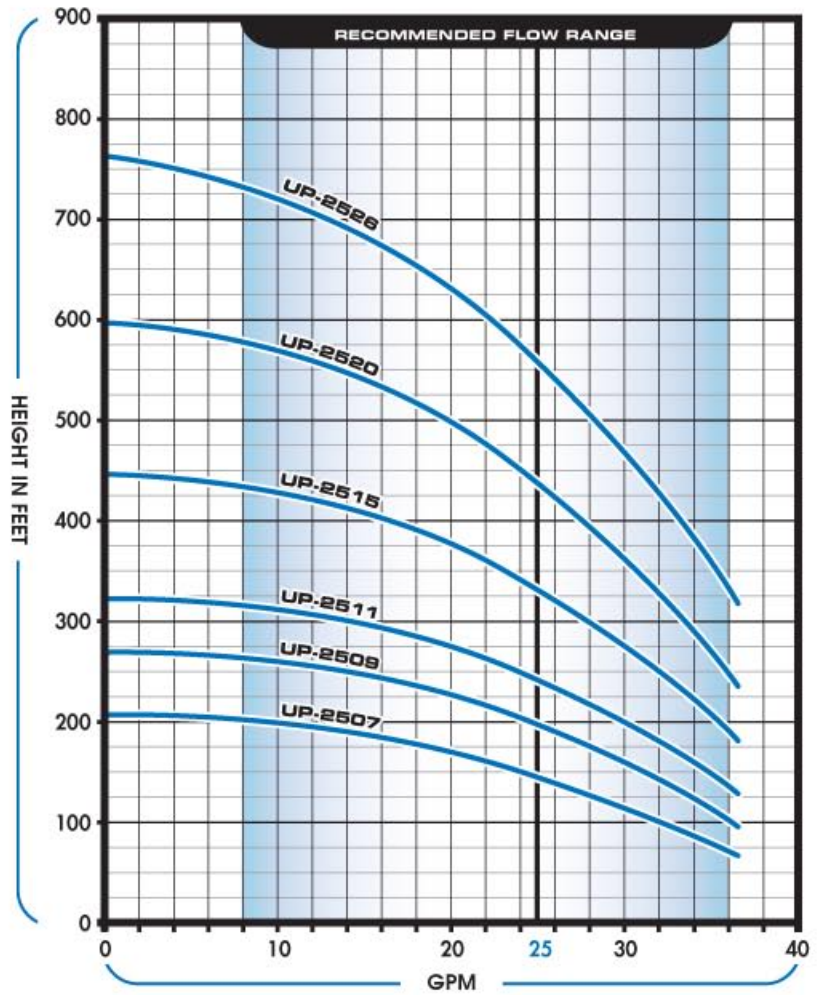


S.S. Cast Adapter



S.S. Bowl

**UP SERIES PERFORMANCE CURVES**  
25 GPM MAXIMUM EFFICIENCY



MODEL	HP	STAGES	LENGTH (in)	WEIGHT (lbs)
UP-2507	1	7	12.6	6.9
UP-2509	1.5	9	14.6	7.7
UP-2511	2	11	16.5	8.6
UP-2515	3	15	20.4	10.3
UP-2520	5	20	26.8	12.8
UP-2526	5	26	32.5	15.6



**4" MODEL UP-35**  
60 Hz - 3450 RPM



2" Discharge



S.S. Cast Discharge Head

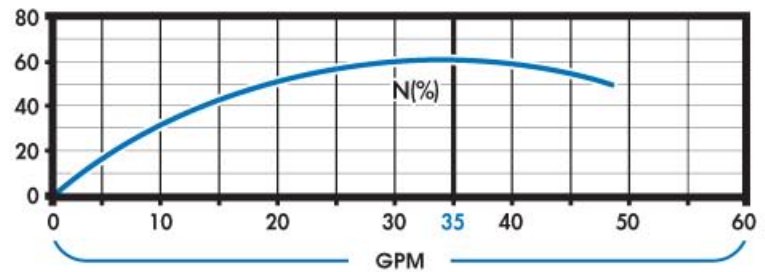
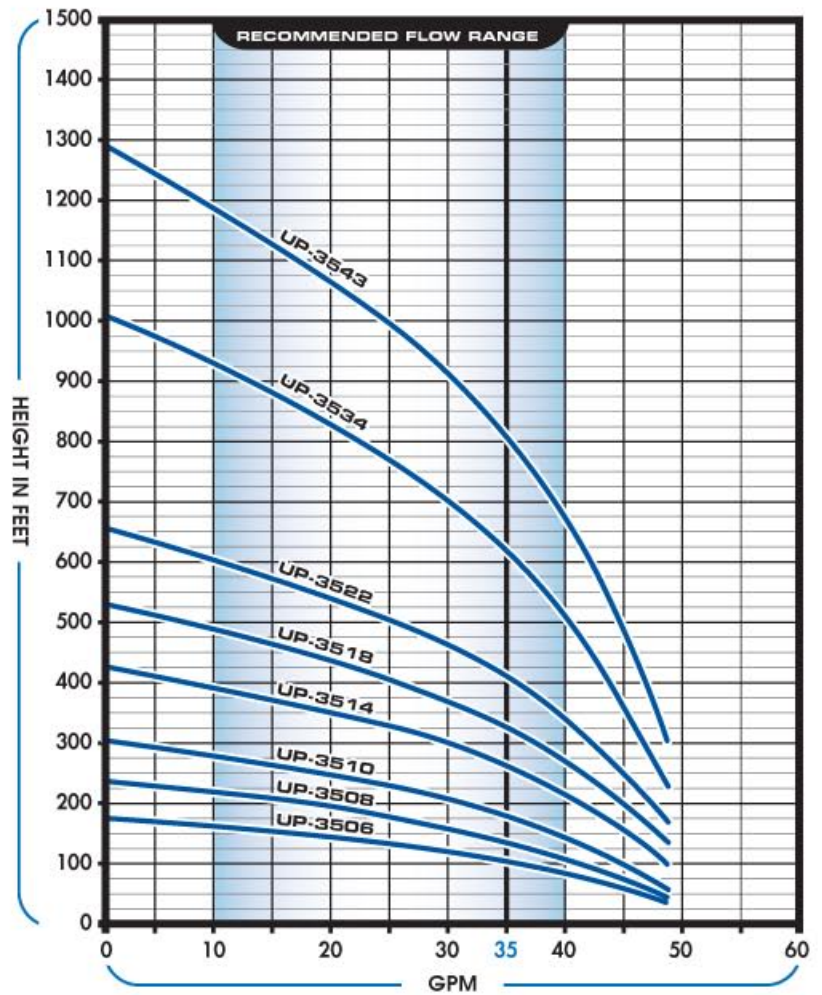


S.S. Cast Adapter



S.S. Bowl

**UP SERIES PERFORMANCE CURVES**  
35 GPM MAXIMUM EFFICIENCY



MODEL	HP	STAGES	LENGTH (in)	WEIGHT (lbs)
UP-3506	1	6	14.1	7.5
UP-3508	1.5	8	16.6	8.8
UP-3510	2	10	19.0	10.1
UP-3514	3	14	23.9	12.5
UP-3518	5	18	28.9	15.3
UP-3522	5	22	35.2	17.8
UP-3534	7.5	34	49.5	25.5
UP-3543	10	43	51.9	31.2





**4" MODEL UP-55**  
60 Hz - 3450 RPM



2" Discharge



S.S. Cast  
Discharge Head

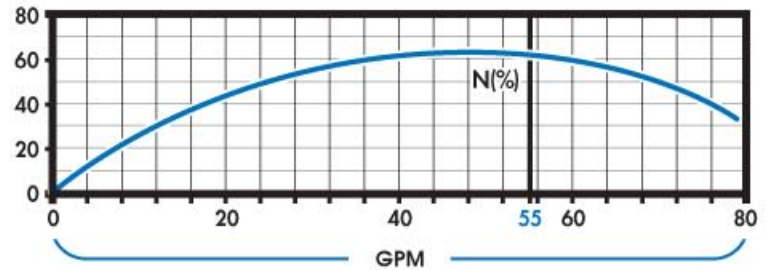
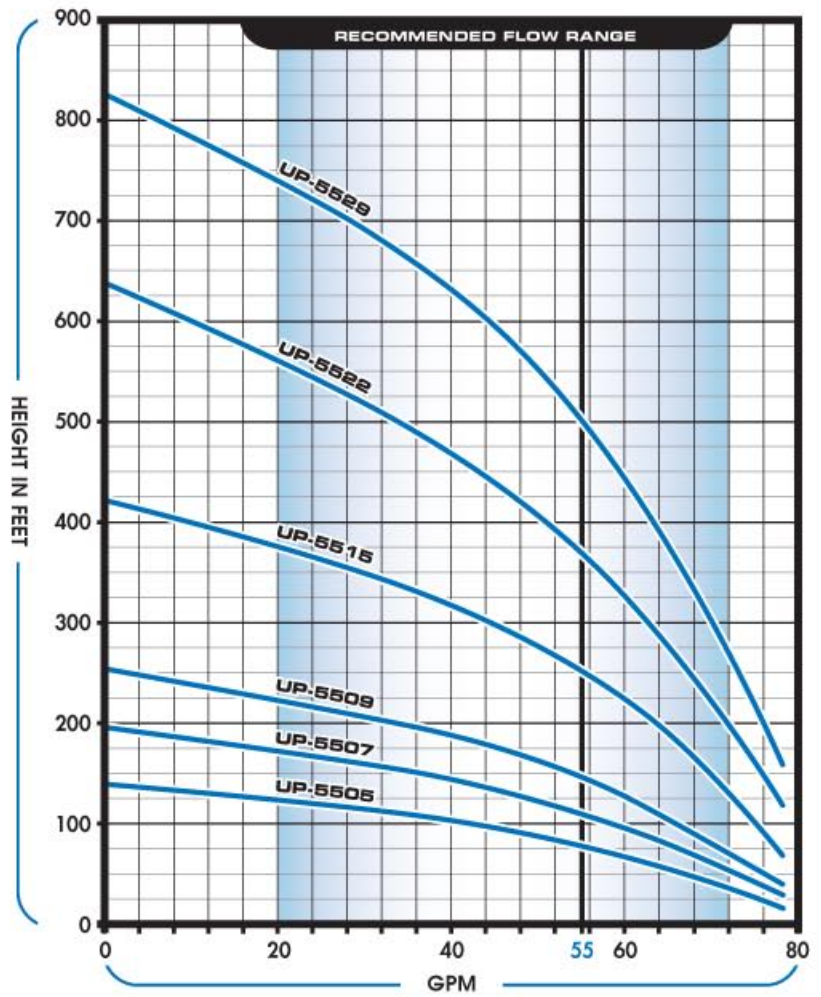


S.S. Cast  
Adapter



S.S. Bowl

**UP SERIES PERFORMANCE CURVES**  
55 GPM MAXIMUM EFFICIENCY



MODEL	HP	STAGES	LENGTH (in)	WEIGHT (lbs)
UP-5505	1.5	5	17.0	9.5
UP-5507	2	7	21.1	11.7
UP-5509	3	9	25.2	13.6
UP-5515	5	15	37.5	19.5
UP-5522	7.5	22	53.0	27.0
UP-5529	10	29	67.2	34.3



**4" MODEL UP-80**  
60 Hz - 3450 RPM



2" Discharge



S.S. Cast Discharge Head

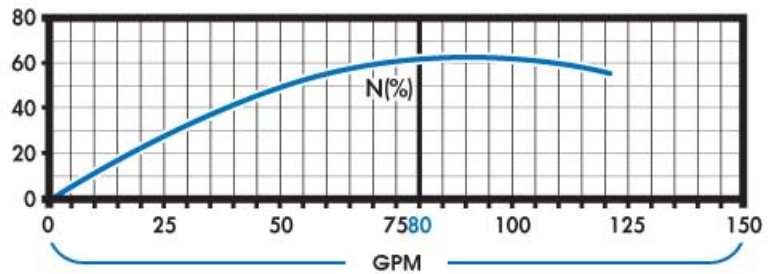
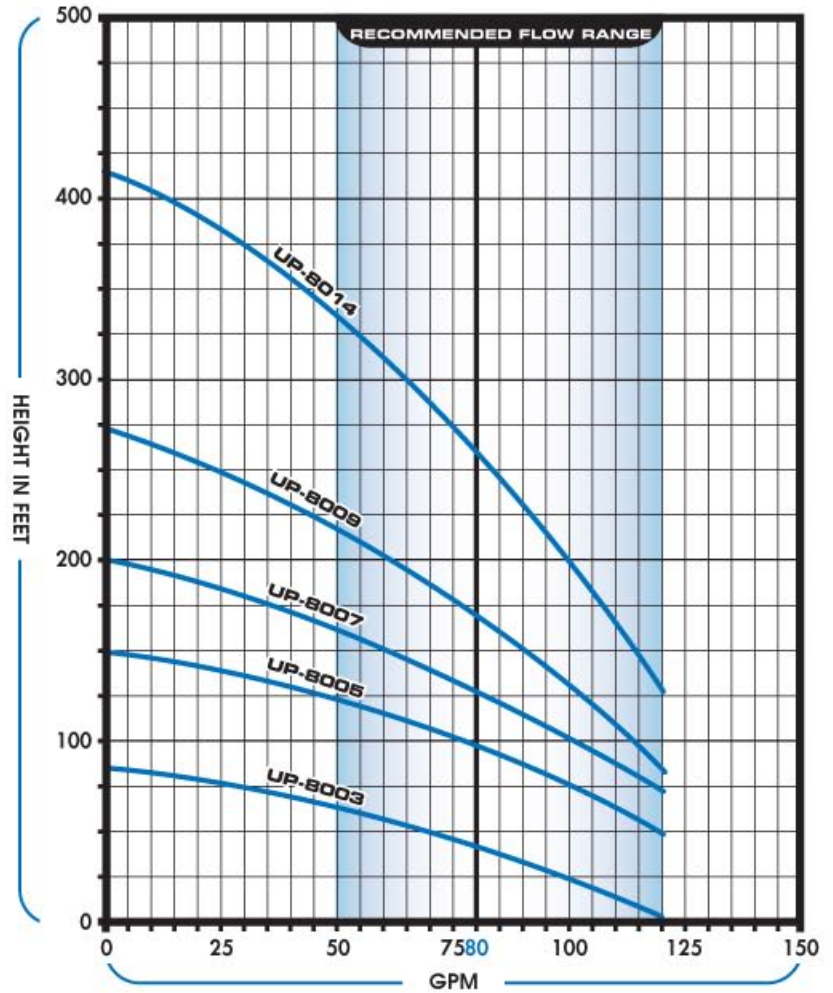


S.S. Cast Adapter



S.S. Bowl

**UP SERIES PERFORMANCE CURVES**  
80 GPM MAXIMUM EFFICIENCY



MODEL	HP	STAGES	LENGTH (in)	WEIGHT (lbs)
UP-8003	2	3	13	7.4
UP-8005	3	5	18.6	9.7
UP-8007	5	7	24.2	13.0
UP-8009	5	9	29.3	15.2
UP-8014	7.5	14	42.6	21.8



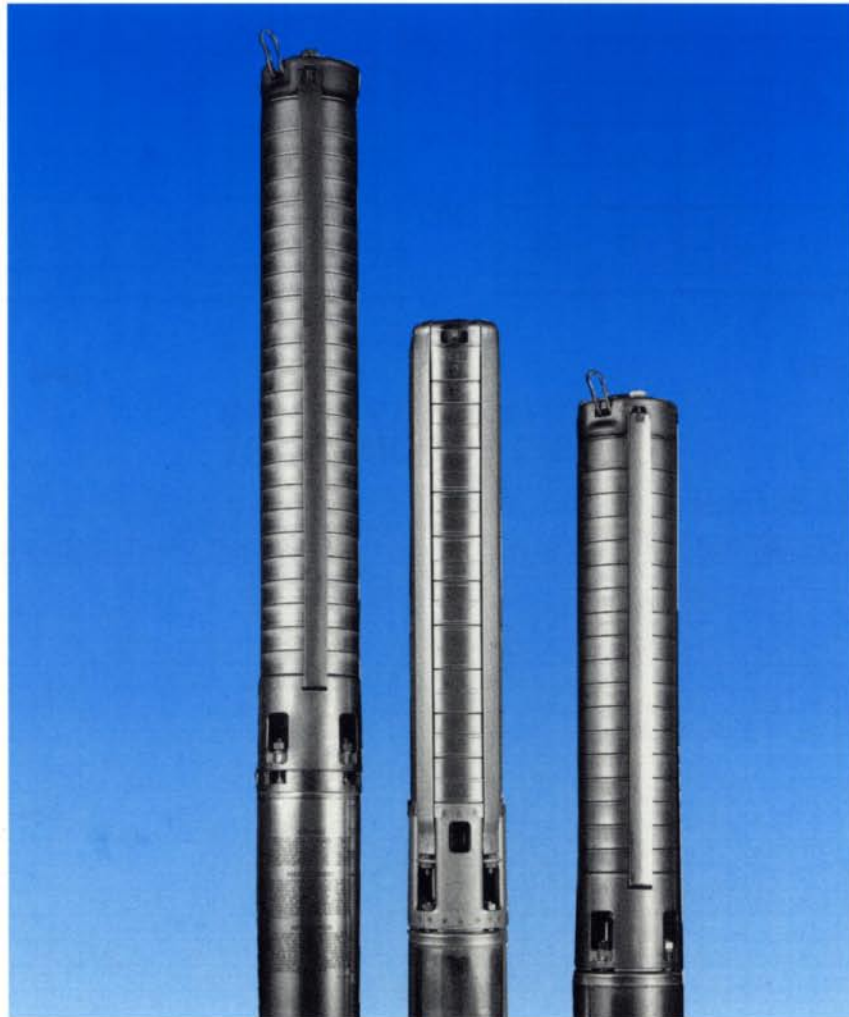


# 4" STAINLESS STEEL SUBMERSIBLE PUMPS

*Recommended for Pumping Clear Water*


**3600 RPM - 60 Hz**

**5 - 10 - 18 - 25 - 40 - 70 GPM**



## Quality Features

- STAINLESS STEEL CONSTRUCTION DESIGNED AND BUILT FOR YEARS OF TROUBLE FREE OPERATION
- STAINLESS STEEL DISCHARGE HEAD WITH BUILT-IN CHECK VALVE
- HIGH-EFFICIENCY STAINLESS STEEL IMPELLERS & DIFFUSERS
- STAINLESS STEEL SUCTION SCREEN
- STAINLESS STEEL SHAFT & COUPLING
- STAINLESS STEEL NEMA FACED MOUNTING BRACKET

OUR PUMPS ARE  
POWERED BY  
 **Franklin Electric**

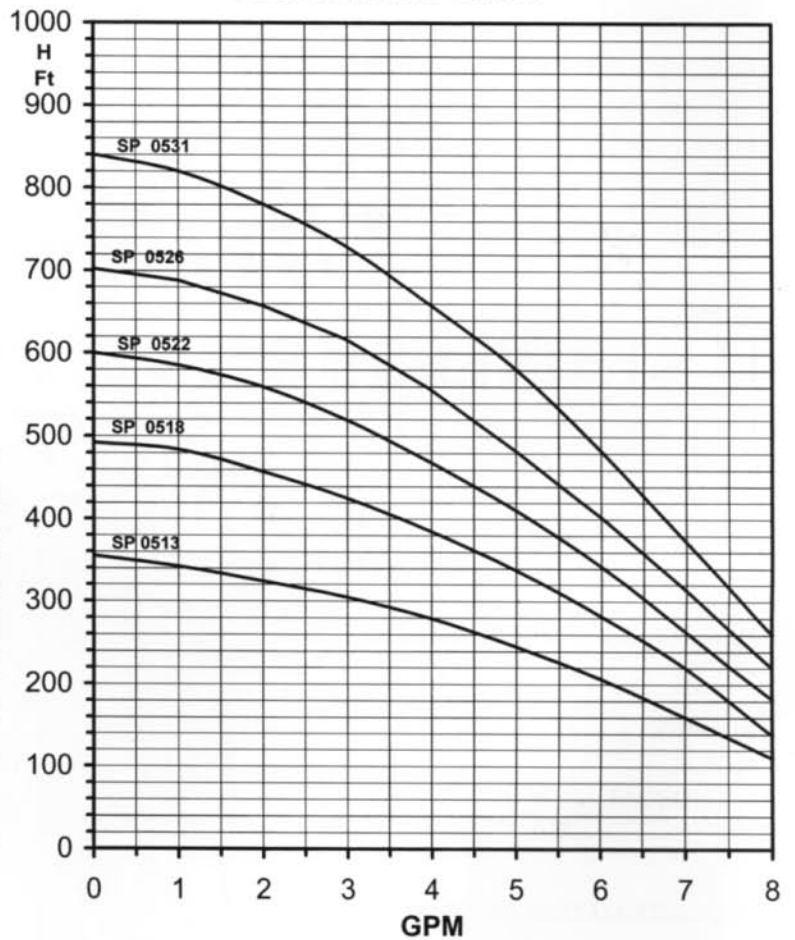


**MODEL SP 05**  
**60HZ - 3450RPM**

**5 GPM      1/2 - 1 1/2 HP      1-1/4" DISCHARGE**

Model	HP	Stages	Phase	Length Inch		Weight Lbs	
				Pump	Motor	Pump	Motor
SP-0513	1/2	13	1	16.8	9.5	8.4	18
SP-0518	3/4	18	1	21.0	10.7	10.6	21
SP-0522	1	22	1	24.3	11.8	12.1	23
SP-0526	1 1/2	26	1	27.5	13.6	13.7	27
			3		11.8		26
SP-0531	1 1/2	31	1	31.7	13.6	15.9	27
			3		11.8		26

**PERFORMANCE CURVE**



**SELECTION CHART**

Pump Model	HP	PSI	Depth to Water in Feet (GPM)																												
			20	40	60	80	100	120	140	160	180	200	220	240	260	280	300	340	380	420	460	500	540	580	620	660	700	740	780		
SP-0513	1/2	0									7.4	6.9	6.5	6.0	5.5	5.1	4.6	4.1	3.4												
		20					7.2	6.8	6.3	5.8	5.4	4.9	4.5	3.9	3.2	2.2															
		30				7.2	6.7	6.2	5.8	5.3	4.9	4.4	3.8	3.1	2.0																
		40	7.5	7.1	6.6	6.2	5.7	5.2	4.8	4.3	3.7	2.9	1.8																		
		50	7.5	7.0	6.6	6.1	5.6	5.2	4.7	4.2	3.6	2.8	1.5																		
		60	7.0	6.5	6.0	5.6	5.1	4.6	4.1	3.5	2.6																				
Shut-off PSI			144	135	126	118	109	101	92	83	75	66	57	49	40	31	23														
SP-0518	3/4	0									7.9	7.6	7.3	7.0	6.6	6.3	5.9	5.6	4.9	4.2	3.3	1.8									
		20						7.8	7.5	6.8	6.5	6.2	5.8	5.5	5.2	4.8	4.1	3.1	1.4												
		30					7.8	7.5	7.1	6.8	6.5	6.1	5.8	5.4	5.1	4.8	4.4	3.6	2.3												
		40				7.7	7.4	7.1	6.7	6.4	6.1	5.7	5.4	5.1	4.7	4.4	4.0	2.9	1.1												
		50			7.7	7.4	7.0	6.7	6.3	6.0	5.7	5.3	5.0	4.7	4.3	3.9	3.4	2.0													
		60		7.6	7.3	7.0	6.6	6.3	6.0	5.6	5.3	5.0	4.6	4.3	3.9	3.4	2.7														
Shut-off PSI			202	193	185	176	167	159	150	141	133	124	116	107	98	90	81	64	46	29	12										
SP-0522	1	0										7.6	7.3	7.1	6.8	6.5	6.0	5.4	4.9	4.3	3.6	2.6									
		20									7.5	7.3	7.0	6.7	6.4	6.2	5.9	5.3	4.8	4.2	3.5	2.4									
		30							7.5	7.2	6.9	6.7	6.4	6.1	5.8	5.6	5.0	4.5	3.8	2.9	1.5										
		40							7.4	7.2	6.9	6.6	6.3	6.1	5.8	5.5	5.2	4.7	4.1	3.3	2.2										
		50						7.4	7.1	6.9	6.6	6.3	6.0	5.7	5.5	5.2	4.9	4.4	3.7	2.7	1.2										
		60					7.4	7.1	6.8	6.5	6.3	6.0	5.7	5.4	5.2	4.9	4.0	3.2	1.9												
Shut-off PSI						215	206	197	189	180	171	163	154	145	137	128	111	94	76	59	42	24									
SP-0526	1 1/2	0											7.8	7.6	7.4	7.2	6.7	6.2	5.7	5.3	4.8	4.4	3.8	3.0	1.9						
		20											7.5	7.3	7.1	6.9	6.6	6.1	5.7	5.2	4.8	4.3	3.7	2.9	1.7						
		30											7.5	7.3	7.1	6.8	6.6	6.3	5.9	5.4	5.0	4.5	4.0	3.3	2.3						
		40										7.5	7.2	7.0	6.8	6.5	6.3	6.1	5.6	5.2	4.7	4.2	3.6	2.7	1.5						
		50							7.4	7.2	7.0	6.7	6.5	6.3	6.0	5.8	5.3	4.9	4.4	3.9	3.1	2.1									
		60							7.4	7.2	6.9	6.7	6.5	6.2	6.0	5.8	5.5	5.1	4.6	4.1	3.5	2.6									
Shut-off PSI								244	235	226	218	209	201	192	183	175	157	140	123	105	88	71	53	36	19						
SP-0531	1 1/2	0															7.7	7.3	6.9	6.5	6.2	5.8	5.4	5.0	4.6	4.2	3.7	3.0	2.1		
		20															7.4	7.3	6.9	6.5	6.1	5.7	5.3	4.9	4.5	4.1	3.6	2.9	1.9		
		30															7.4	7.2	7.0	6.7	6.3	5.9	5.5	5.1	4.7	4.3	3.8	3.2	2.4	1.2	
		40															7.4	7.2	7.0	6.8	6.4	6.0	5.6	5.3	4.9	4.5	4.0	3.5	2.8	1.8	
		50											7.5	7.4	7.2	7.0	6.8	6.6	6.2	5.8	5.4	5.0	4.7	4.2	3.7	3.1	2.2				
		60											7.5	7.3	7.1	7.0	6.8	6.6	6.4	6.0	5.6	5.2	4.8	4.4	4.0	3.4	2.6	1.6			
Shut-off PSI												285	276	268	259	250	242	233	216	198	181	164	146	129	112	95	77	60	43	25	



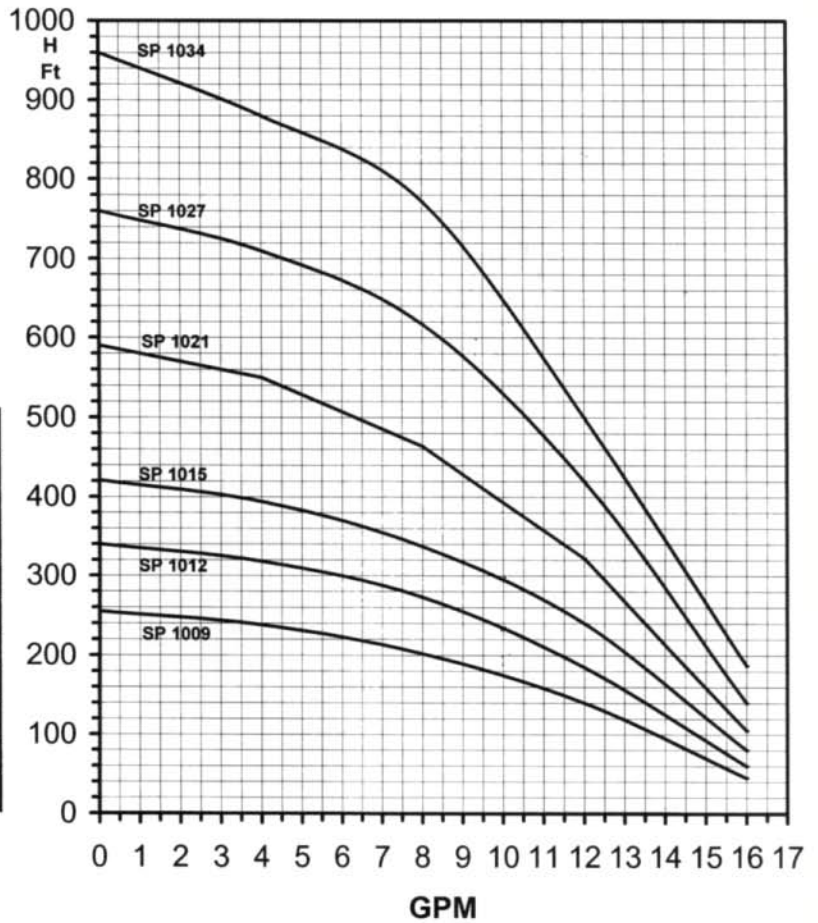


**MODEL SP 10  
60HZ - 3450RPM**

**10 GPM      1/2 - 3 HP      1-1/4" DISCHARGE**

Model	HP	Stages	Phase	Length Inch		Weight Lbs	
				Pump	Motor	Pump	Motor
SP-1009	1/2	9	1	13.5	9.5	6.9	18
SP-1012	3/4	12	1	16.0	10.7	8.0	21
SP-1015	1	15	1	18.5	11.8	9.3	23
SP-1021	1 1/2	21	1	23.5	13.6	12.6	27
			3		11.8		26
SP-1027	2	27	1	28.4	15.1	15.0	30
			3		13.6		28
SP-1034	3	34	1	34.2	23.5	19.0	54
			3		20.6		44

**PERFORMANCE CURVE**



**SELECTION CHART**

Pump Model	HP	PSI	Depth to Water in Feet (GPM)																																																			
			20	40	60	80	100	120	140	160	180	200	220	240	260	280	300	340	380	420	460	500	540	580	620	660	700	740	780	820	860	900																						
SP-1009	1/2	0	16.2	15.5	14.8	14.0	13.1	12.1	11.0	9.8	8.3	6.3	3.1																																									
		20	15.3	14.6	13.7	12.8	11.7	10.6	9.4	7.8	5.4																																											
		30	14.4	13.6	12.6	11.6	10.4	9.1	7.5	5.0																																												
		40	13.4	12.4	11.4	10.3	8.9	7.1	4.5																																													
		50	12.3	11.2	10.1	8.7	6.8	4.0																																														
		60	11.1	9.9	8.4	6.4	3.4																																															
Shut-off PSI			101	92	84	75	66	58	49	41	32	23	15	6																																								
SP-1012	3/4	0	16.0	15.5	15.0	14.4	13.8	13.1	12.3	11.5	10.7	9.8	8.7	7.4	5.6																																							
		20	15.9	15.4	14.8	14.2	13.5	12.8	12.1	11.3	10.4	9.5	8.3	6.9	4.9	2.2																																						
		30	15.3	14.7	14.1	13.4	12.7	12.0	11.1	10.3	9.3	8.1	6.6	4.6																																								
		40	14.6	14.0	13.3	12.6	11.8	11.0	10.1	9.1	7.9	6.3	4.2																																									
		50	13.9	13.2	12.5	11.7	10.9	10.0	9.0	7.7	6.0	3.8																																										
		60	13.1	12.4	11.6	10.8	9.8	8.8	7.5	5.7	3.3																																											
Shut-off PSI			138	129	120	112	103	94	86	77	68	60	51	42	34	25	16																																					
SP-1015	1	0	16.0	15.8	15.5	15.0	14.5	13.9	13.2	12.5	11.8	11.2	10.5	9.8	8.0	5.2																																						
		20	15.9	15.7	15.3	14.9	14.3	13.7	13.0	12.3	11.6	10.9	10.3	9.5	8.7	7.6	4.6																																					
		30	15.9	15.6	15.3	14.8	14.2	13.6	12.9	12.2	11.5	10.8	10.1	9.4	8.5	7.4	6.1																																					
		40	15.6	15.2	14.7	14.1	13.5	12.8	12.1	11.4	10.7	10.0	9.3	8.4	7.3	5.8	4.0																																					
		50	15.1	14.6	14.0	13.4	12.7	12.0	11.3	10.6	9.9	9.1	8.2	7.1	5.6	3.6																																						
		60	14.5	13.9	13.2	12.6	11.9	11.2	10.5	9.8	9.0	8.1	6.9	5.3	3.3																																							
Shut-off PSI			174	166	157	148	140	131	122	114	105	96	88	79	70	62	53	36	18																																			
SP-1021	1 1/2	0	15.8	15.5	15.2	14.9	14.6	14.2	13.9	13.5	13.1	12.6	11.8	10.8	9.8	8.5	6.9	4.6																																				
		20	16.0	15.7	15.4	15.1	14.8	14.5	14.1	13.7	13.3	12.9	12.5	12.1	11.6	10.7	9.6	8.3	6.6	4.2																																		
		30	16.0	15.7	15.4	15.1	14.8	14.4	14.1	13.7	13.3	12.9	12.4	12.0	11.5	11.1	10.1	8.9	7.4	5.3	2.3																																	
		40	15.9	15.6	15.4	15.0	14.7	14.4	14.0	13.6	13.2	12.8	12.4	11.9	11.5	11.0	10.5	9.4	8.1	6.3	3.7																																	
		50	15.6	15.3	15.0	14.7	14.3	13.9	13.6	13.2	12.7	12.3	11.9	11.4	10.9	10.4	9.9	8.7	7.1	4.9																																		
		60	15.3	14.9	14.6	14.3	13.9	13.5	13.1	12.7	12.2	11.8	11.3	10.9	10.4	9.8	9.2	7.9	6.0	3.2																																		
Shut-off PSI			247	239	230	222	213	204	196	187	178	170	161	152	144	135	126	109	92	74	57	40	22																															
SP-1027	2	0	16.4	16.2	16.0	15.8	15.5	15.3	15.1	14.8	14.6	14.3	14.0	13.4	12.7	12.1	11.3	10.6	9.8	8.8	7.7	6.3	4.3																															
		20	15.9	15.7	15.5	15.2	15.0	14.7	14.5	14.2	13.9	13.6	13.3	12.6	11.9	11.2	10.5	9.6	8.7	7.5	6.0	4.0																																
		30	15.9	15.7	15.2	15.0	14.7	14.4	14.1	13.8	13.5	13.2	12.9	12.2	11.5	10.8	10.0	9.1	8.0	6.7	4.9	2.5																																
		40	16.0	15.8	15.2	14.9	14.7	14.4	14.1	13.8	13.5	13.2	12.9	12.5	11.8	11.1	10.4	9.5	8.5	7.3	5.7	3.6																																
		50	16.0	15.8	15.6	15.4	15.1	14.9	14.6	14.3	14.1	13.8	13.4	13.1	12.8	12.5	12.1	11.4	10.7	9.9	9.0	7.8	6.4	4.6	2.1																													
		60	15.8	15.6	15.3	15.1	14.8	14.6	14.3	14.0	13.7	13.4	13.1	12.8	12.4	12.1	11.7	11.0	10.2	9.4	8.3	7.1	5.4	3.2																														
Shut-off PSI			321	312	303	295	286	277	269	260	251	243	234	225	217	208	199	182	165	148	130	113	96	78	61	44	26																											
SP-1034	3	0	15.9	15.8	15.6	15.4	15.2	15.0	14.8	14.6	14.3	14.0	13.8	13.3	12.8	12.3	11.7	11.2	10.6	9.9	9.2	8.4	7.4	6.2	4.7	2.8																												
		20	16.0	15.9	15.7	15.5	15.3	15.1	14.9	14.7	14.5	14.3	14.0	13.8	13.3	12.8	12.3	11.7	11.2	10.6	9.9	9.2	8.4	7.4	6.2	4.7	2.8																											
		30	16.0	15.9	15.7	15.5	15.3	15.1	14.9	14.7	14.5	14.3	14.1	13.6	13.1	12.6	12.0	11.5	10.9	10.3	9.6	8.9	8.0	6.9	5.6	4.0																												
		40	16.0	16.8	15.7	15.5	15.3	15.1	14.9	14.7	14.5	14.3	14.0	13.8	13.3	12.8	12.3	11.7	11.2	10.6	9.9	9.2	8.4	7.4	6.2	4.7	2.8																											
		50	16.0	15.8	15.6	15.5	15.3	15.1	14.9	14.7	14.5	14.2	14.0	13.8	13.5	13.0	12.5	12.0	11.4	10.8	10.2	9.5	8.7	7.8	6.7	5.4	3.7																											
		60	15.9	15.8	15.6	15.4	15.2	15.1	14.9	14.6	14.4	14.2	14.0	13.7	13.5	13.2	12.7	12.2	11.6	11.1	10.5	9.8	9.1	8.2	7.2	6.0	4.5	2.5																										
Shut-off PSI			406	397	389	380	371	363	354	345	337	328	319	311	302	293	285	268	250	233	216	198	181	164	146	129	112	94	77	60	42	25																						















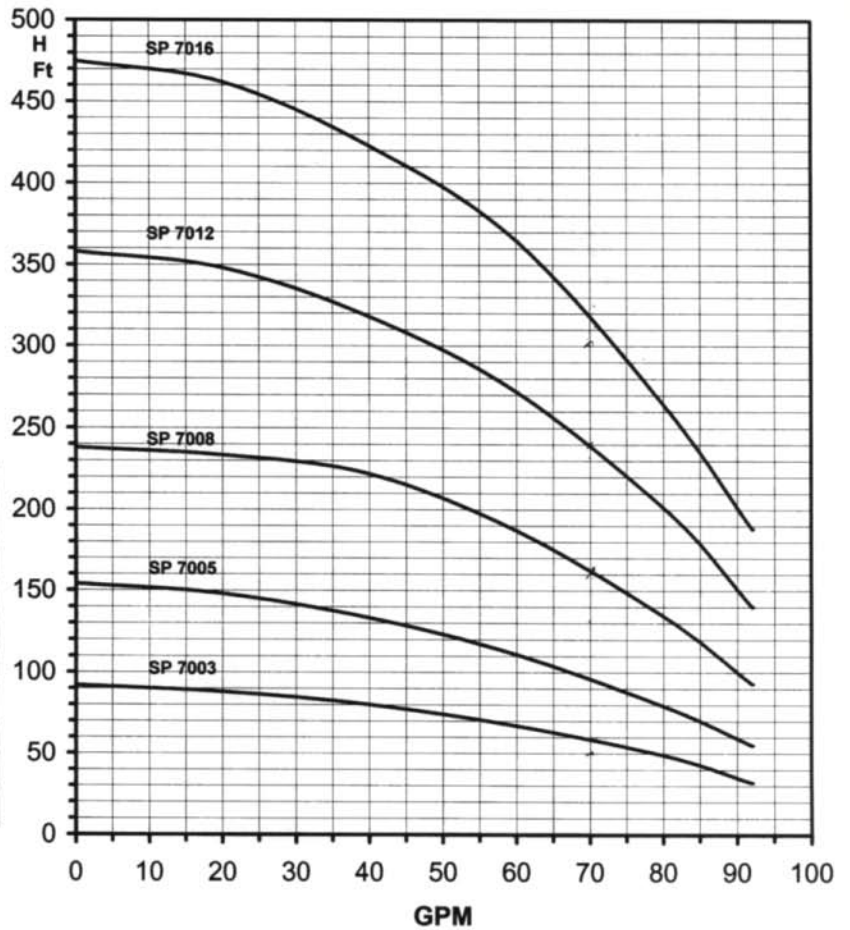


**MODEL SP 70  
60HZ - 3450RPM**

**70 GPM      2 - 7 1/2 HP      2" DISCHARGE**

Model	HP	Stages	Phase	Length Inch		Weight Lbs	
				Pump	Motor	Pump	Motor
SP-7003	2	3	1	14.9	15.1	8.2	30
			3		13.6		28
SP-7005	3	5	1	20.0	23.5	10.4	54
			3		20.6		44
SP-7008	5	8	1	27.7	29.5	13.7	65
			3		23.5		50
SP-7012	7 1/2	12	3	37.9	29.5	18.0	66
SP-7016	10	16	3	53	44	29	120

**PERFORMANCE CURVE**



**SELECTION CHART**

Pump Model	HP	PSI	Depth to Water in Feet (GPM)																		
			20	40	60	80	100	120	140	160	180	200	220	240	260	280	300	340	380	420	
SP-7005	3	0			91.1	78.8	68.9	51.0													
		20	89.4	75.5	64.4	44.9															
		30	74.1	61.8	42.1																
		40	58.8	39.6																	
		50	37.1																		
		60																			
Shut-off PSI			58	49	40	32	23	14													
SP-7008	5	0					88.9	84.8	78.5	69.4	59.4	49.7									
		20			87.8	83.2	75.9	66.3	56.4	46.3											
		30	91.0	87.2	82.3	74.6	64.7	54.9	44.4												
		40	86.5	81.3	73.1	63.2	53.4	42.2													
		50	80.2	71.6	61.6	51.9	39.8														
		60	70.1	60.1	50.4																
Shut-off PSI			94	86	77	68	60	51	42	34	25	16									
SP-7012	7 1/2	0							90.2	87.7	84.8	81.0	75.7	69.4	62.7	56.1	49.7				
		20					89.4	86.9	83.8	79.5	73.9	67.4	60.6	54.2	47.5						
		30				89.0	86.4	83.2	78.7	72.9	66.3	59.6	53.2	46.3							
		40			88.6	86.0	82.6	77.9	71.9	65.3	58.6	52.2	45.0	33.0	11.3						
		50		88.2	85.5	81.9	77.0	70.9	64.2	57.6	51.2	43.7									
		60	87.8	85.1	82.3	76.1	69.9	63.2	56.6	50.2	42.2										
Shut-off PSI			146	137	128	120	111	102	94	85	76	68	59	50	42	33	24				
SP-7016	10	0								88.5	86.4	85.2	84.3	83.2	81.3	78.4	74.5	64.5	54.2	43.8	
		20					90.7	87.7	85.9	84.0	82.7	80.5	77.3	73.1	68.2	62.9	52.7	41.7			
		30				90.1	87.4	85.7	84.7	83.8	82.4	80.1	76.7	72.4	67.4	62.1	56.9	47.0			
		40			89.6	87.1	85.6	84.6	83.6	82.1	79.7	76.1	71.6	66.5	61.2	56.1	51.2				
		50		89.2	86.8	85.4	83.5	81.8	79.2	75.5	70.9	65.7	60.4	55.4	50.5	45.2					
		60	88.7	86.5	85.2	84.3	83.3	81.5	78.7	74.8	70.0	64.9	59.6	54.6	49.7	44.3					
Shut-off PSI			197	188	180	171	162	154	145	136	128	119	110	102	93	84	76	59	41	24	



## Quality Features

- STAINLESS STEEL CONSTRUCTION DESIGNED AND BUILT FOR YEARS OF TROUBLE FREE OPERATION
- STAINLESS STEEL DISCHARGE HEAD WITH BUILT-IN CHECK VALVE
- HIGH EFFICIENCY STAINLESS STEEL IMPELLERS & DIFFUSERS
- STAINLESS STEEL SUCTION SCREEN
- STAINLESS STEEL SHAFT & COUPLING
- STAINLESS STEEL NEMA FACED MOUNTING BRACKET
- STAINLESS STEEL INSTALLATION RING

STANDARD DISCHARGE SIZES:  
 SP-5, SP-10 & SP-18 Discharge - 1-1/4"  
 SP-25 Discharge - 1-1/2"  
 SP-40 & SP-75 discharge - 2"



OUR PUMPS ARE  
 POWERED BY  
**Franklin Electric**



Diffuser  
 Impeller



Suction Screen  
 NEMA Faced Bracket



Check Valve  
 Discharge head

SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE



**Unitra, Inc.** 12601 Exchange Drive • Stafford, Texas • (281) 240-1500 • FAX (281) 240-4334





## 6 & 8" STAINLESS STEEL SUBMERSIBLE PUMPS

3600 RPM - 60 Hz

*Recommended for Pumping Clear Water*

90-150-230-300 GPM

400 & 500 GPM

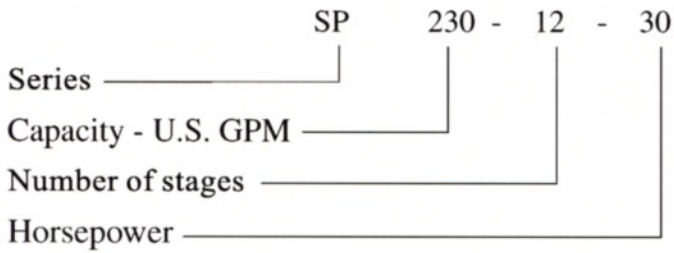


### Quality Features

- STAINLESS STEEL CONSTRUCTION DESIGNED AND BUILT FOR YEARS OF TROUBLE FREE OPERATION
- STAINLESS STEEL DISCHARGE HEAD WITH BUILT-IN CHECK VALVE
- HIGH-EFFICIENCY STAINLESS STEEL IMPELLERS & DIFFUSERS
- STAINLESS STEEL SUCTION SCREEN
- STAINLESS STEEL SHAFT & COUPLING
- STAINLESS STEEL NEMA FACED MOUNTING BRACKET



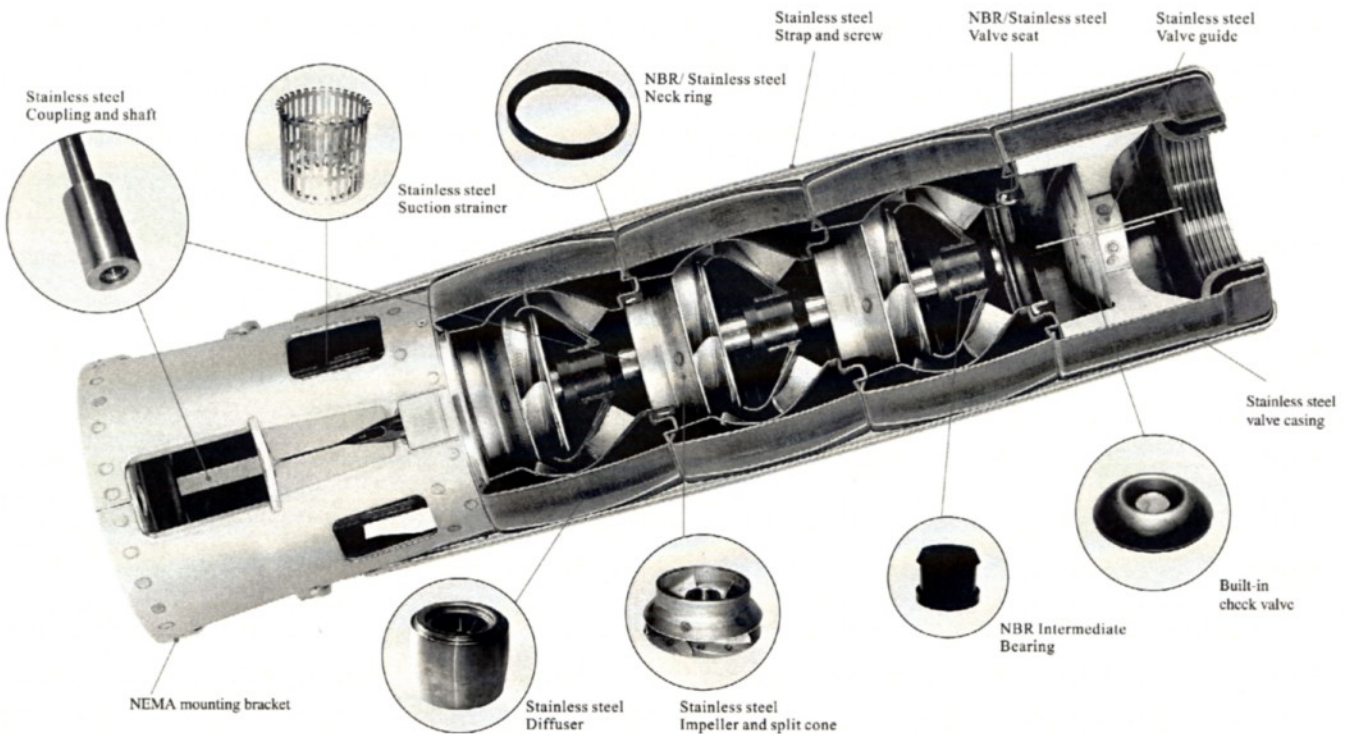
**Designation**



**Materials of Construction**

Component	Materials	Standard
Valve casing	Stainless steel	304
Valve cup	Stainless steel	304
Valve seat	Stainless steel	304
Diffuser	Stainless steel	304
Neck ring	NBR	
Diffuser Bearing	NBR	
Split cone nut	Stainless steel	304
Split cone	Stainless steel	304
Impeller	Stainless steel	304
NEMA Mounting Bracket	Stainless steel	304
Strainer	Stainless steel	304
Shaft	Stainless steel	431
Strap	Stainless steel	304
Nut for strap	Stainless steel	304
Coupling	Stainless steel	420
Valve guide	Stainless steel	304

*8" Pumps Feature  
3 & 4 Cast Stainless Steel  
NEMA Bracket & Discharge Head*



SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE







**MODEL SP - 90**  
60 Hz - 3450 RPM

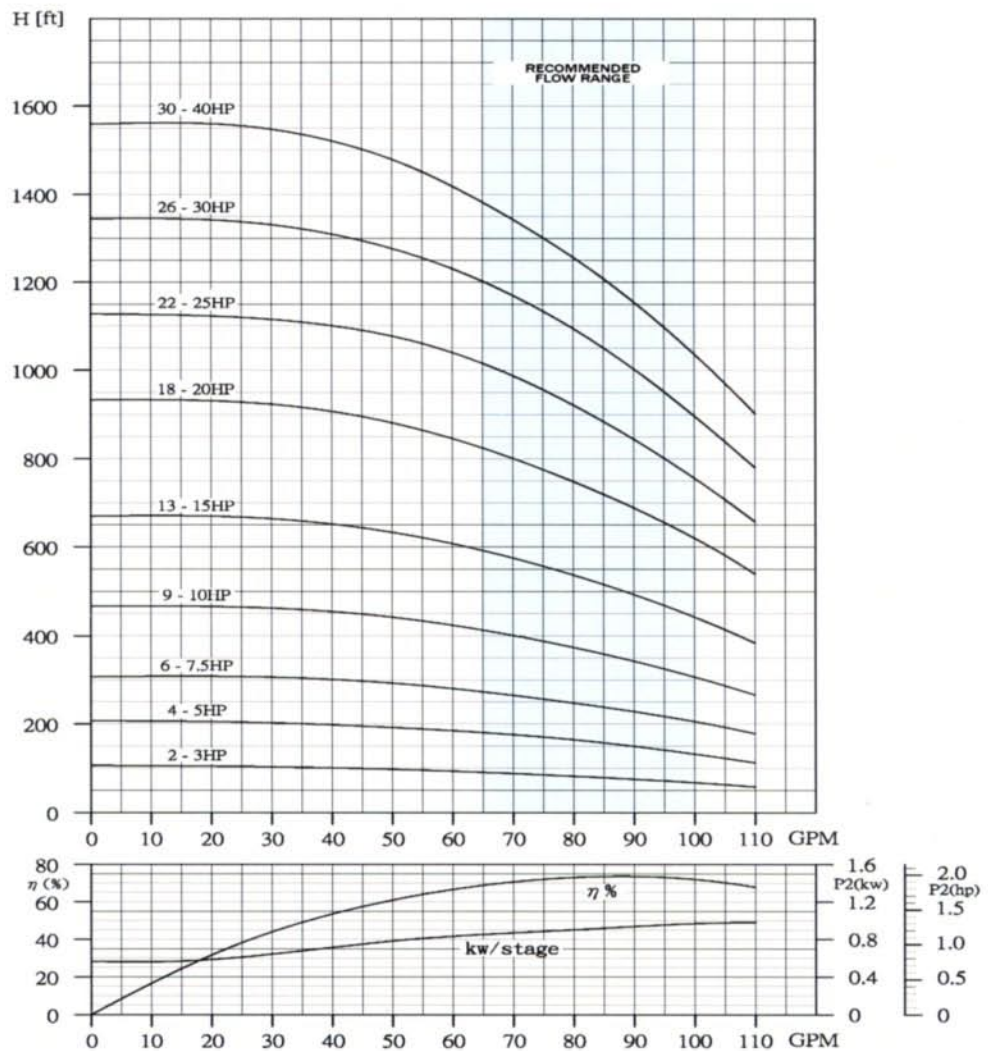
# 6" STAINLESS STEEL SUBMERSIBLE PUMPS

*Recommended for Pumping Clear Water*

90 GPM MAXIMUM EFFICIENCY

## PERFORMANCE CURVE

3" DISCHARGE



Pump Type	HP	STAGE	MOTOR DIA.	HEIGHT (in)		WEIGHT (lbs)	
				Pumps	Motor	Pumps	Motor
SP - 90-02	3	2	4"	15.9	16.1	14.1	35.3
SP - 90-04	5	4	4"	20.6	22.2	20.5	55.1
SP - 90-06	7.5	6	6"	25.4	24.2	26.9	105.8
SP - 90-09	10	9	6"	32.6	25.4	36.6	114.6
SP - 90-13	15	13	6"	42.1	28.0	49.4	127.9
SP - 90-18	20	18	6"	54.0	30.6	65.3	141.1
SP - 90-22	25	22	6"	63.5	33.1	78.0	154.3
SP - 90-26	30	26	6"	73.0	35.7	90.8	167.5
SP - 90-30	40	30	6"	82.6	40.8	103.6	202.8





**MODEL SP - 150**  
60 Hz - 3450 RPM

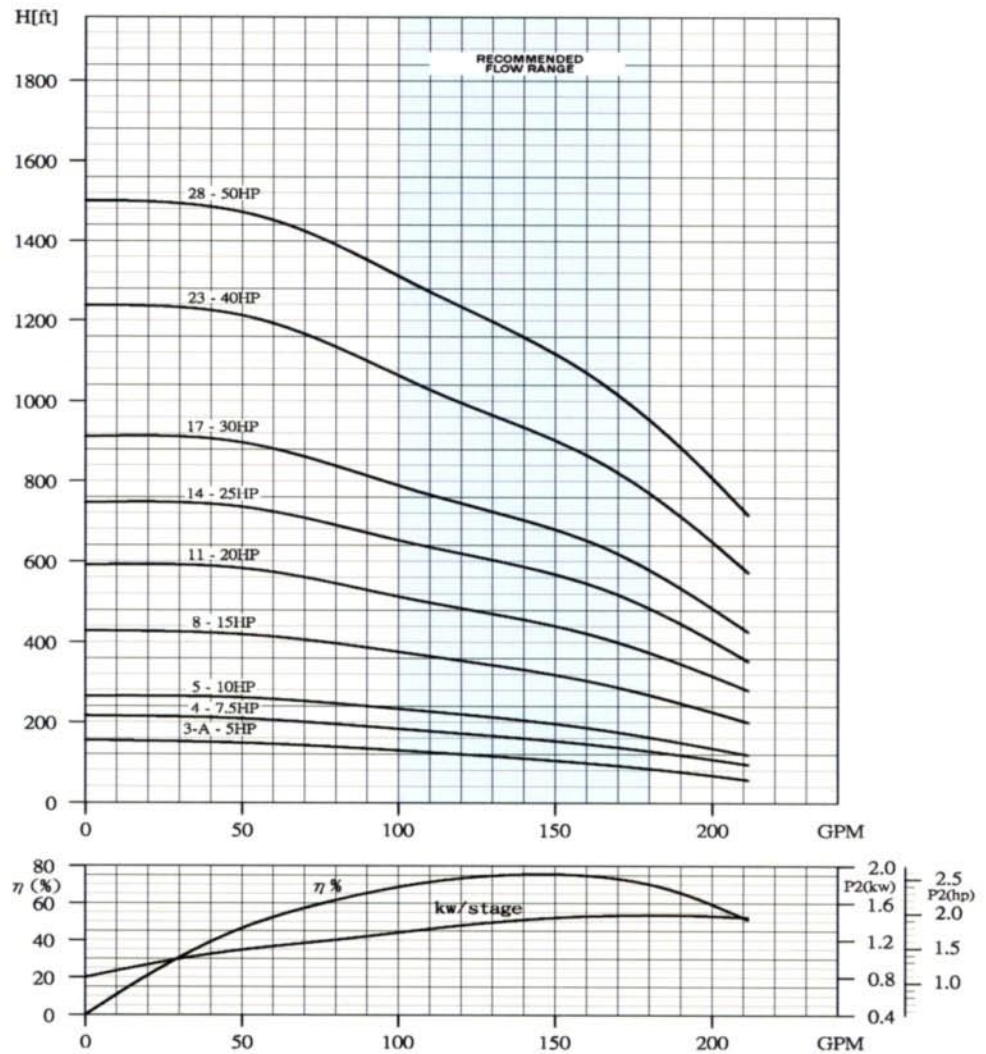
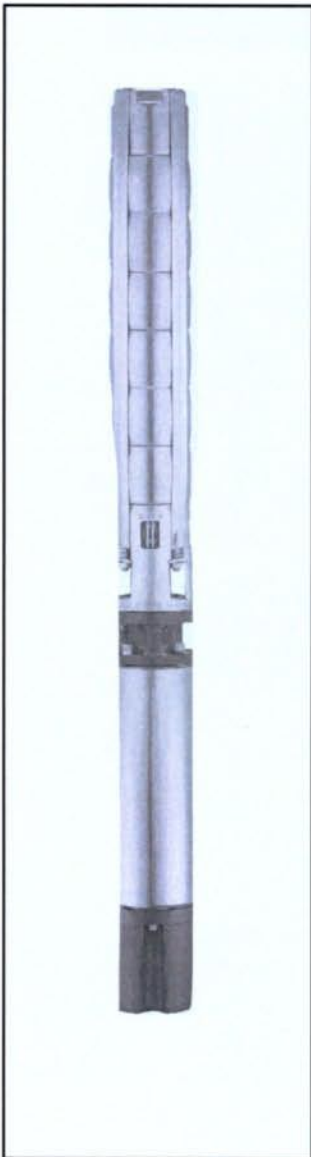
# 6" STAINLESS STEEL SUBMERSIBLE PUMPS

*Recommended for Pumping Clear Water*

150 GPM MAXIMUM EFFICIENCY

## PERFORMANCE CURVE

3" DISCHARGE



MODEL	HP	STAGE	MOTOR DIA.	HEIGHT (in)	WEIGHT (lbs)
SP - 150-3A	5	3	4"	22.0	22.2
SP - 150-04	7.5	4	6"	25.8	26.0
SP - 150-05	10	5	6"	29.6	29.7
SP - 150-08	15	8	6"	40.9	40.9
SP - 150-11	20	11	6"	52.2	52.0
SP - 150-14	25	14	6"	59.8	63.1
SP - 150-17	30	17	6"	74.9	74.4
SP - 150-23	40	23	6"	97.6	96.9
SP - 150-28	50	28	6"	116.5	115.3







**MODEL SP - 230**  
60 Hz - 3450 RPM

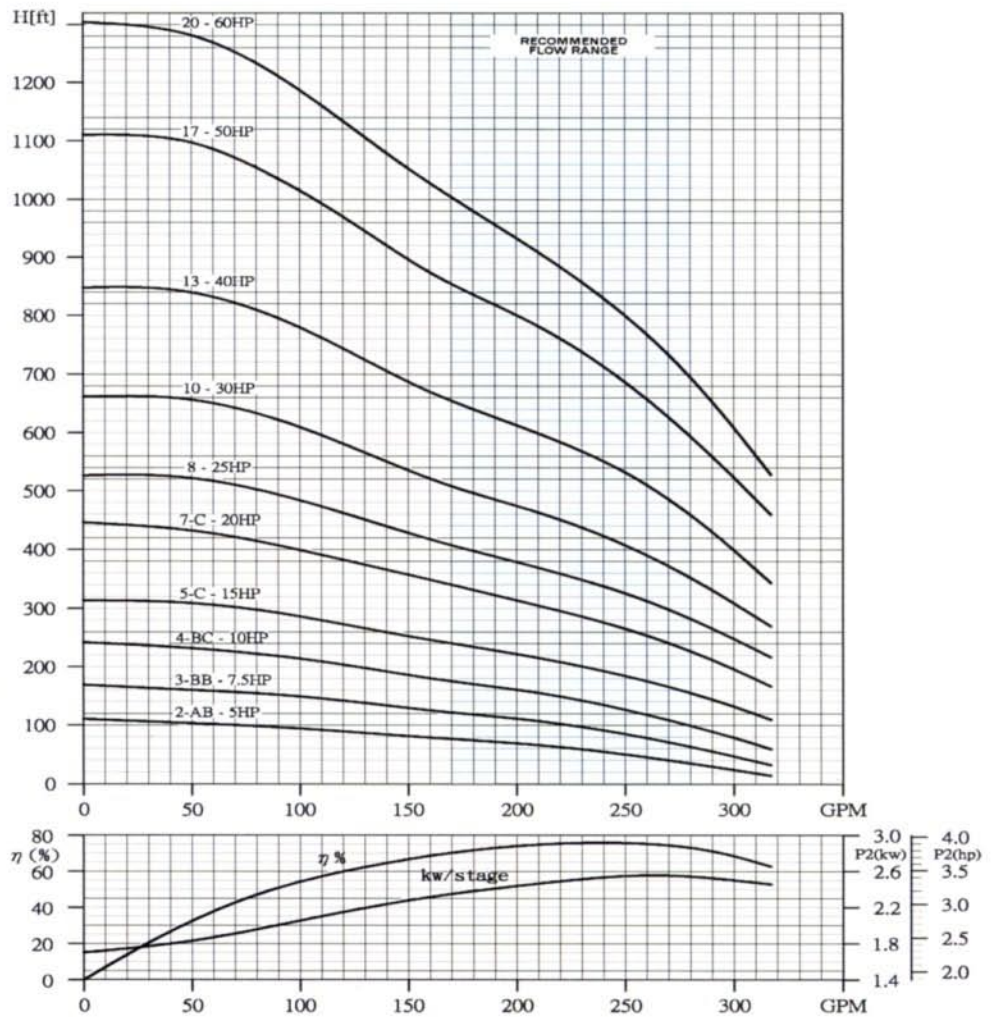
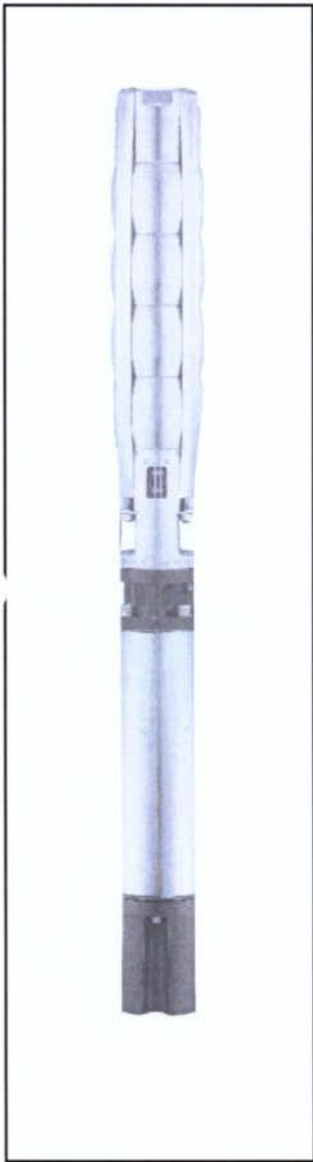
# 6" STAINLESS STEEL SUBMERSIBLE PUMPS

*Recommended for Pumping Clear Water*

230 GPM MAXIMUM EFFICIENCY

## PERFORMANCE CURVE

3" DISCHARGE



MODEL	HP	STAGE	MOTOR DIA.	HEIGHT (in)	WEIGHT (lbs)
SP - 230-2AB	5	2	4"	19.5	20.2
SP - 230-3BB	7.5	3	6"	24.0	25.3
SP - 230-4BC	10	4	6"	28.4	20.2
SP - 230-5C	15	5	6"	32.9	35.2
SP - 230-7C	20	7	6"	41.5	45.3
SP - 230-08	25	8	6"	46.2	50.4
SP - 230-10	30	10	6"	55.1	60.3
SP - 230-13	40	13	6"	68.5	75.5
SP - 230-17	50	17	6"	86.3	95.5
SP - 230-20	60	20	6"	99.6	110.4





**MODEL SP - 300**  
60 Hz - 3450 RPM

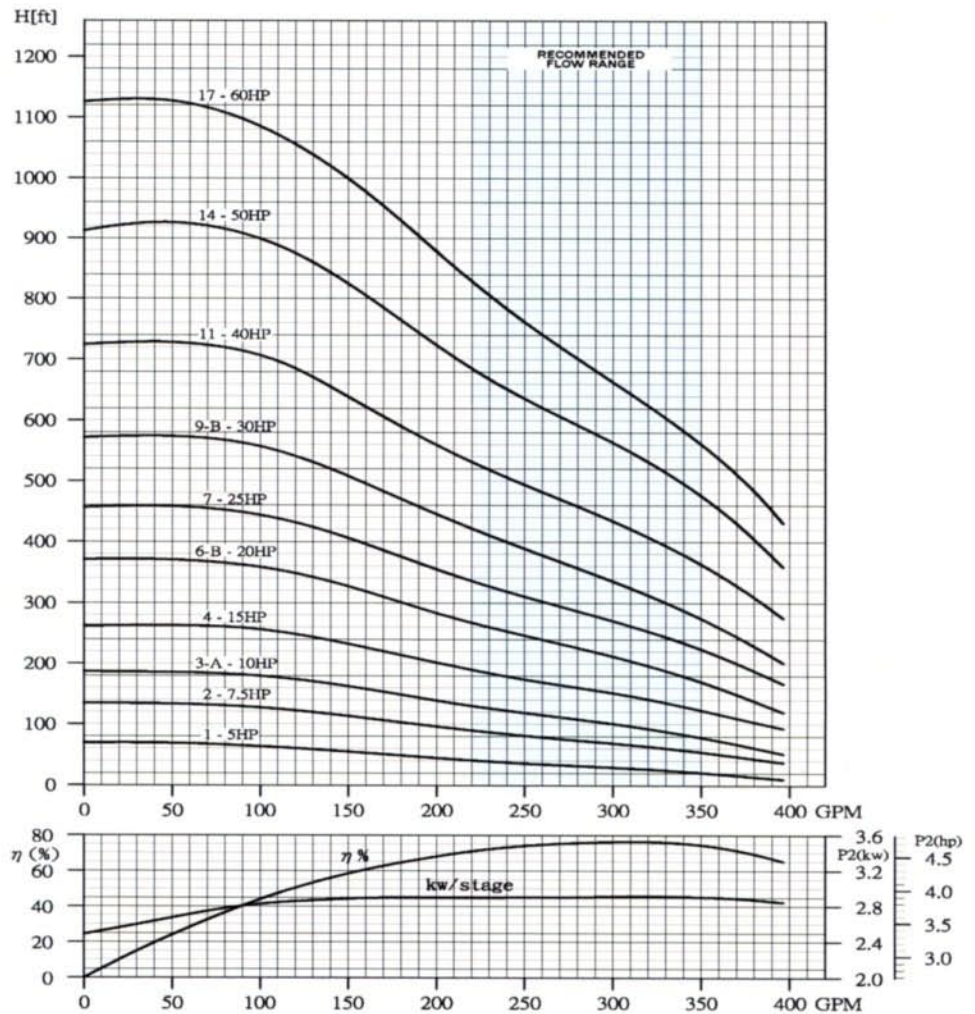
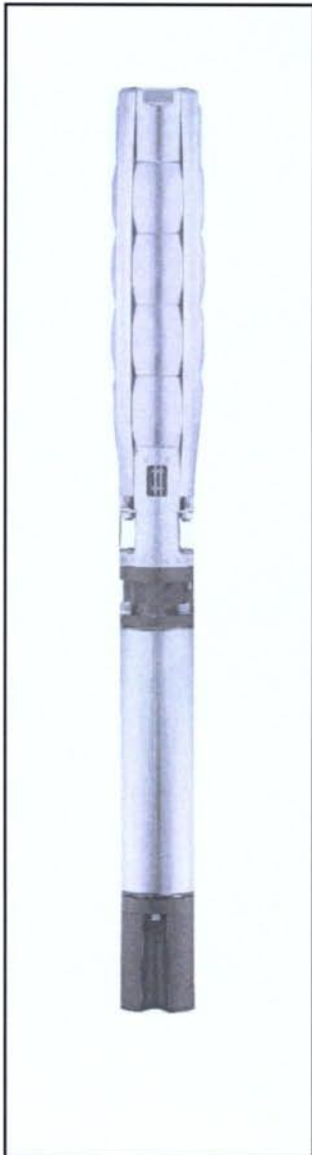
# 6" STAINLESS STEEL SUBMERSIBLE PUMPS

*Recommended for Pumping Clear Water*

300 GPM MAXIMUM EFFICIENCY

## PERFORMANCE CURVE

4" DISCHARGE



MODEL	HP	STAGE	MOTOR DIA.	HEIGHT (in)	WEIGHT (lbs)
SP - 300-1A	5	1	4"	15.0	15.1
SP - 300-02	7.5	2	6"	19.5	20.2
SP - 300-3A	10	3	6"	24.0	25.3
SP - 300-04	15	4	6"	28.5	30.0
SP - 300-6B	20	6	6"	37.3	40.3
SP - 300-07	25	7	6"	41.8	45.3
SP - 300-9B	30	9	6"	50.7	55.2
SP - 300-11	40	11	6"	59.6	65.3
SP - 300-14	50	14	6"	73.0	80.3
SP - 300-17	60	17	6"	86.3	95.5





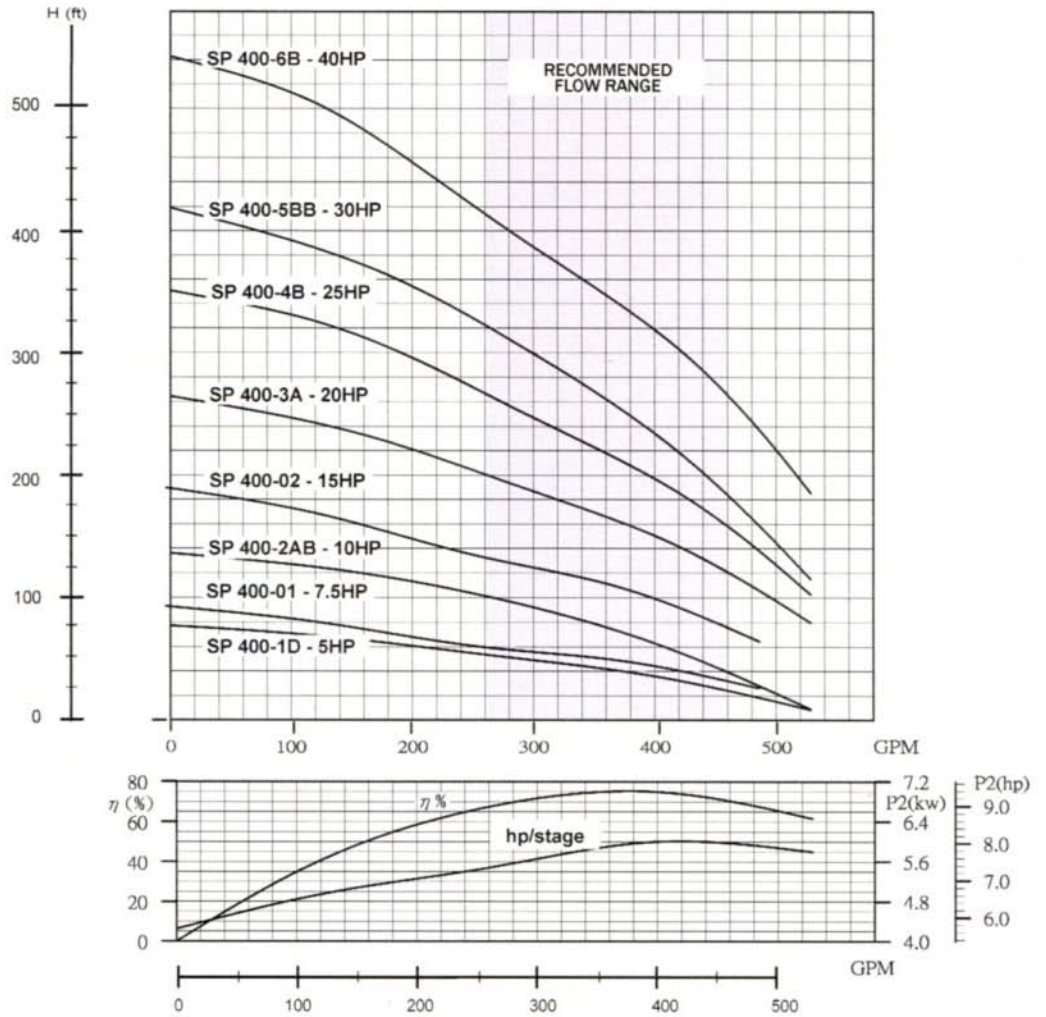
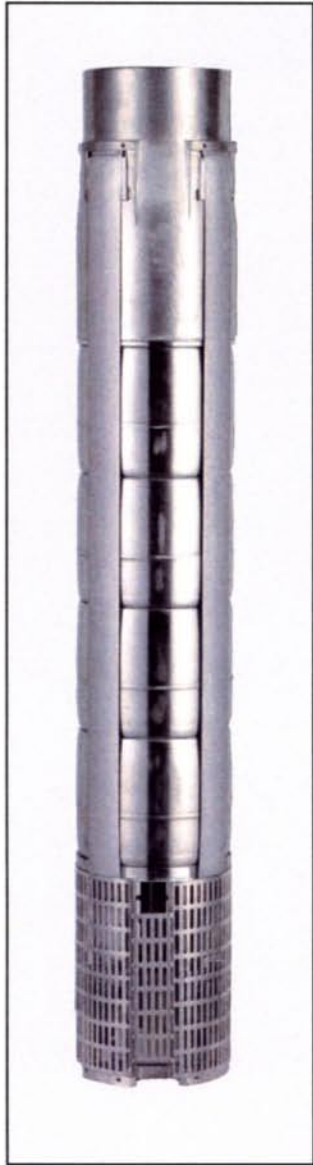
# 8" STAINLESS STEEL SUBMERSIBLE PUMPS

Recommended for Pumping Clear Water

400 GPM MAXIMUM EFFICIENCY

## PERFORMANCE CURVE

5" DISCHARGE



Pump Type	HP	STAGE	MOTOR DIA.	HEIGHT (in)		WEIGHT (lbs)	
				PUMPS	MOTOR	PUMPS	MOTOR
SP - 400-1D	5	1	4"	24.3	24.2	55.3	101.2
SP - 400-01	7.5	1	6"	24.3	24.2	55.3	105.8
SP - 400-2AB	10	2	6"	29.4	25.4	63.3	114.6
SP - 400-02	15	2	6"	29.4	28.0	63.3	127.9
SP - 400-3A	20	3	6"	39.5	30.6	71.2	141.1
SP - 400-4B	25	4	6"	44.5	33.1	79.1	154.3
SP - 400-5BB	30	5	6"	49.6	35.7	87.1	167.5
SP - 400-6B	40	6	6"	49.6	40.8	94.8	202.8



**MODEL SP - 400**  
60 Hz - 3450 RPM

# 8" STAINLESS STEEL SUBMERSIBLE PUMPS

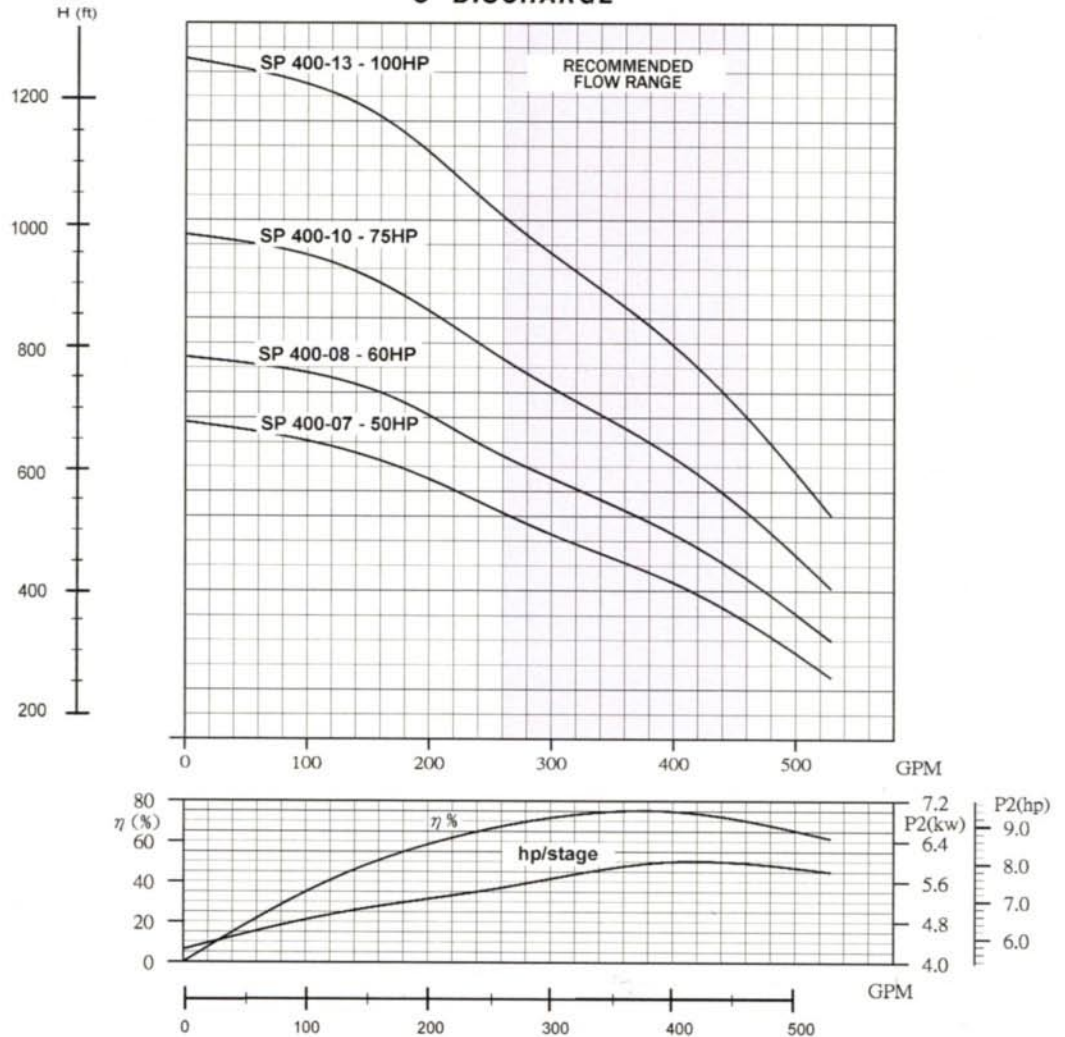
*Recommended for Pumping Clear Water*

400 GPM MAXIMUM EFFICIENCY

## PERFORMANCE CURVE



5" DISCHARGE



Pump Type	HP	STAGE	MOTOR DIA.	LENGTH (in)		WEIGHT (lbs)	
				PUMPS	MOTOR	PUMPS	MOTOR
SP - 400-07	50	7	6"	54.6	55.3	102.7	299.8
SP - 400-08	60	8	6"	60.1	41.8	113.8	385.8
SP - 400-10	75	10	8"	70.2	47.4	129.6	425.5
SP - 400-13	100	13	8"	85.4	54.9	153.4	469.6





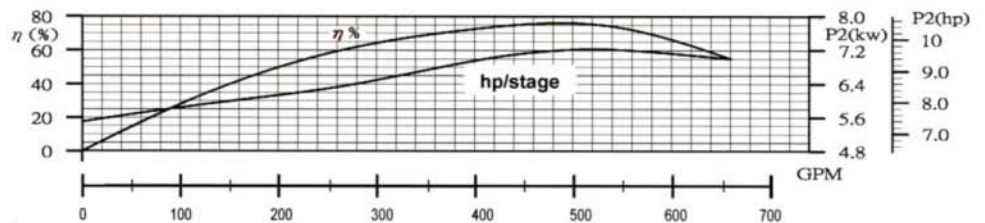
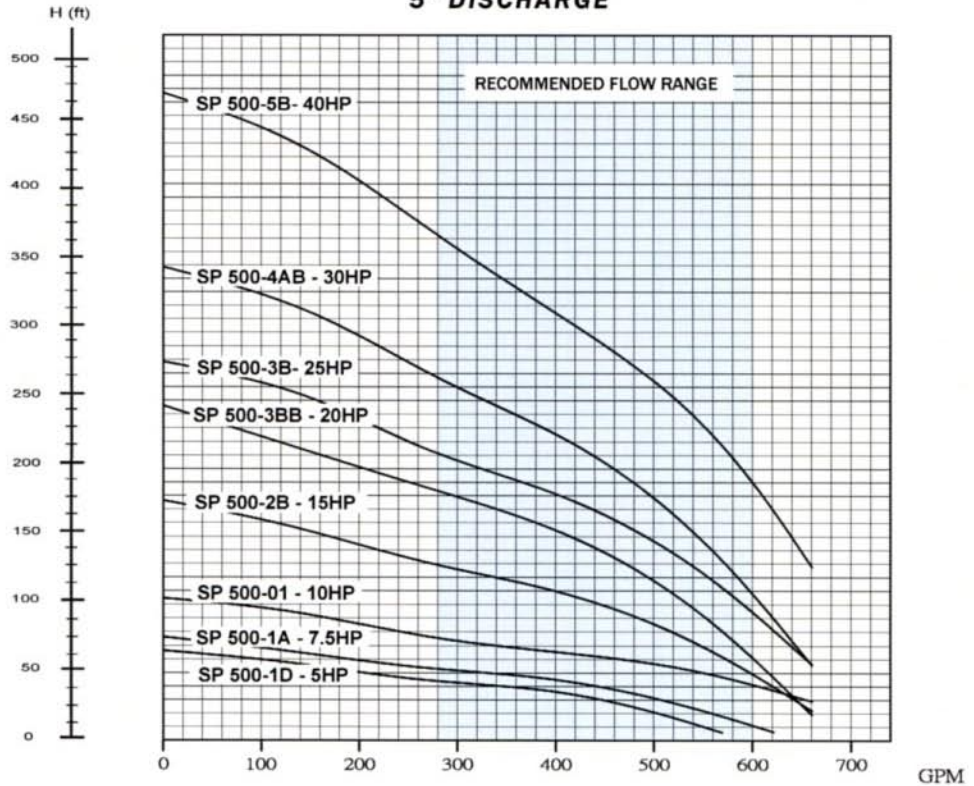
# 8" STAINLESS STEEL SUBMERSIBLE PUMPS

Recommended for Pumping Clear Water

500 GPM MAXIMUM EFFICIENCY

## PERFORMANCE CURVE

5" DISCHARGE



Pump Type	HP	STAGE	MOTOR DIA.	HEIGHT (in)		WEIGHT (lbs)	
				PUMP	MOTOR	PUMP	MOTOR
SP - 500-1D	5	1	4"	24.3	24.3	55.3	101.2
SP - 500-1A	7.5	1	6"	24.3	24.2	55.3	105.8
SP - 500-01	10	1	6"	24.3	25.4	55.3	114.6
SP - 500-2	15	2	6"	29.4	30.6	63.3	127.9
SP - 500-3BB	20	3	6"	34.4	30.6	71.2	141.1
SP - 500-3B	25	3	6"	34.4	33.1	71.2	154.3
SP - 500-4AB	30	4	6"	39.5	35.7	79.1	167.5
SP - 500-5B	40	5	6"	44.5	40.8	87.1	202.8

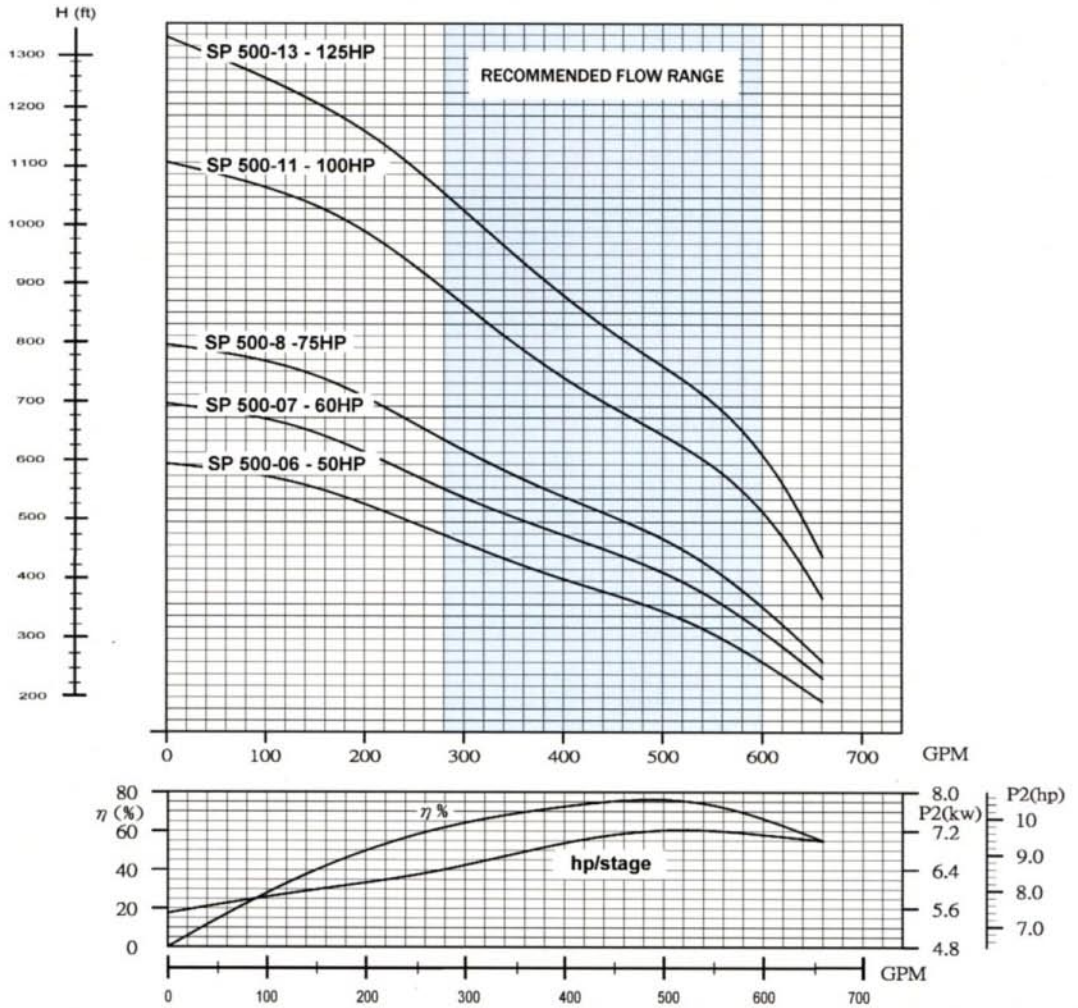
# 8" STAINLESS STEEL SUBMERSIBLE PUMPS

*Recommended for Pumping Clear Water*

500 GPM MAXIMUM EFFICIENCY

## PERFORMANCE CURVE

5" DISCHARGE

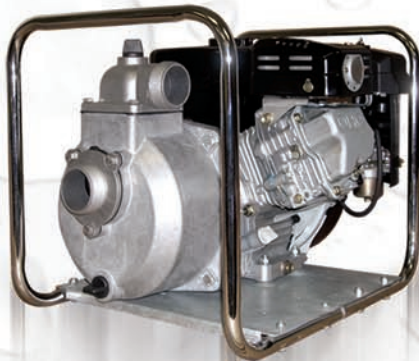


Pump Type	HP	STAGE	MOTOR DIA.	HEIGHT (in)		WEIGHT (lbs)	
				PUMP	MOTOR	PUMP	MOTOR
SP - 500-06	50	6	6"	49.6	55.3	94.8	299.8
SP - 500-07	60	7	6"	55.0	41.8	105.8	385.8
SP - 500-08	75	8	8"	60.1	47.4	113.8	425.5
SP - 500-11	100	11	8"	75.2	54.9	137.6	469.6
SP - 500-13	125	13	8"	85.4	68.8	153.4	700.0





## PORTABLE SELF-PRIMING ENGINE-DRIVEN CONTRACTOR PUMPS



**NX SERIES**



**SPG SERIES**



**TSP SERIES**

### WHAT ARE YOU LOOKING FOR WHEN YOU BUY A PUMP?

If you're looking for quality, features, performance and value, **Unitra's** newly redesigned heavy-duty engine-driven, self-priming pumps truly deliver.

**Unitra** has been manufacturing quality water pumps in the U.S.A. for over 30 years. In fact, we were the first American manufacturer to build a 100% die-cast aluminum contractor pump. So when we set out to improve our legendary engine-driven pumps, we meant business.

Extraordinary performance and value are things that our customers have come to expect. The new **Unitra** line of engine-driven pumps boast even better performance and a level of parts interchangeability that is unprecedented in the industry. That means that our customers will be able to stock a full complement of spare parts for the entire line while carrying far less physical inventory. That means you save money.

**Unitra** contractor pumps feature rugged die-cast aluminum housings that are manufactured using state-of-the-art tooling and durable cast-iron

impellers with removable, replaceable volutes. The breakthrough design eliminates the use of fasteners to align the volute. ( Proper concentricity is ensured by the use of a built-in guide pin that allows for quick and easy field maintenance.)

So, when you add it all up - **performance, features, value, ease of use, reliability and serviceability** - if you're looking for a contractor pump, **Unitra** is the clear choice.

### QUALITY FEATURES

- RUGGED DIE-CAST ALUMINUM BODY
- MULTI-POSITION DISCHARGE
- LIGHTWEIGHT AND PORTABLE
- SELF-LUBRICATING SHAFT SEAL
- BUILT-IN CHECK VALVE
- OPTIONAL ENGINE SELECTION
- ANTI-CREEP MOUNTS
- CARRYING HANDLE



# NX SERIES

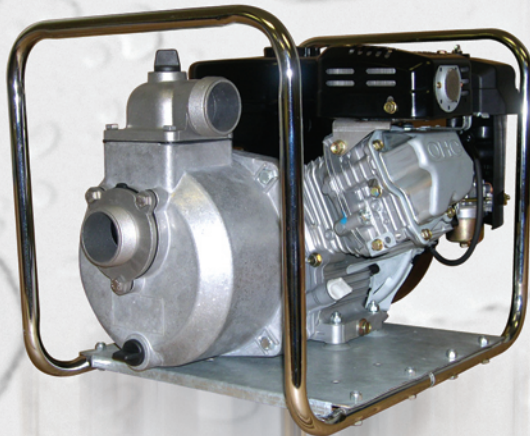
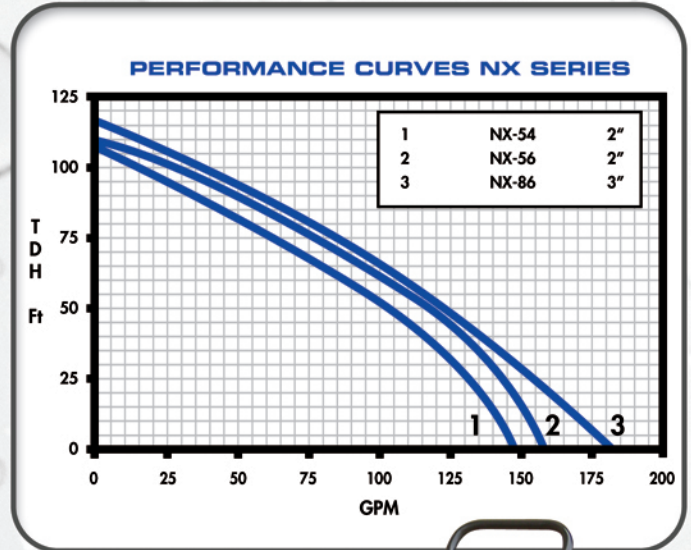
## GENERAL PURPOSE APPLICATIONS

Unitra's "NX" Series pumps are close-coupled, engine-driven contractor pumps that are specifically designed for pumping clear or sediment laden water.

**The "NX" Series standard features are:**

- Die-cast aluminum pump casing and volute and durable cast iron impellers.
- Improved suction results in faster priming and excellent performance.
- Built-in check valve helps retain prime and eliminate backflow.
- High quality, self-lubricating mechanical seal with corrosion-resistant shaft sleeve.
- Included patented suction strainer helps ensure trouble-free performance.
- Factory coupled to the leading engine of your choice\*.
- Convenient carrying handle and anti-creep mounts.
- Available factory options include roll cage, molded suction/discharge connectors, quick connects and wheel kits\*.

\*please contact factory, sales representative, or your distributor for additional information



**2 INCH, 4.5 HP PUMP**  
(shown with standard options)



**3 INCH, 6 HP PUMP**  
(shown with optional wheel kit)

MODEL	SUCTION DISCH.	ENGINE		MAX GPM	MAXIMUM		SPHERICAL SOLIDS	STANDARD MOUNTING	SHIPPING DIMS. (INCHES)			WEIGHT (DRY-LBS.)
		HP	MODEL		HEAD	LIFT			L	W	H	
NX-54-R	2" x 2"	4.5	SUBARU	160	107'	25'	1/2"	1/2 Cradle	22	18	19 3/4	55
NX-54-HO	2" x 2"	4	HONDA GX-120	165	109'	25'	1/2"	1/2 Cradle	22	18	19 3/4	60
NX-56-R	2" x 2"	6	SUBARU	165	109'	25'	1/2"	Handle	22	18	19 3/4	65
NX-86-R	3" x 3"	6	SUBARU	190	115'	25'	1/2"	Handle	22	18	19 3/4	80
NX-85-HO	3" x 3"	5.5	HONDA GX-160	190	115'	25'	1/2"	Handle	22	18	19 3/4	74



Visit us online at [www.UnitraInc.com](http://www.UnitraInc.com)



# SPG SERIES

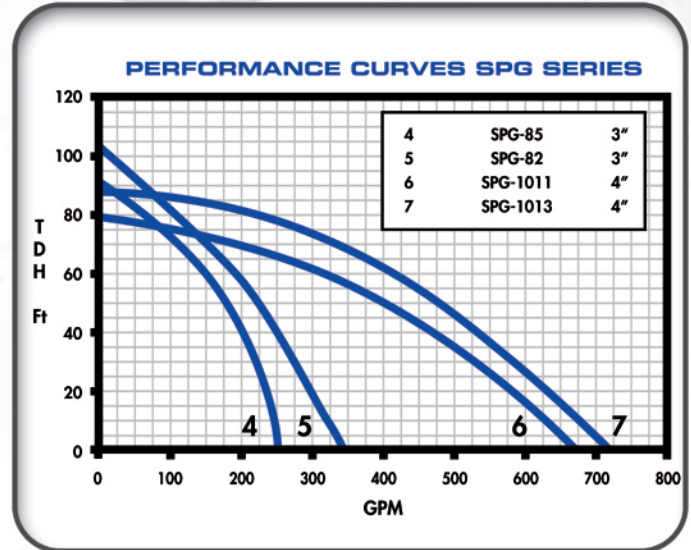
## PROFESSIONAL & COMMERCIAL APPLICATIONS

Unitra's "SPG" Series pumps are close-coupled, engine-driven contractor pumps that are specifically designed for demanding applications where dependable performance is required.

**The "SPG" Series standard features are:**

- Die-cast aluminum pump casing and motor support and durable cast iron volutes and impellers.
- Improved suction results in faster priming and excellent performance.
- Built-in check valve helps retain prime and eliminate backflow.
- High quality, self-lubricating mechanical seal with corrosion-resistant shaft sleeve.
- Included *patented* suction strainer helps ensure trouble-free performance.
- Factory coupled to the leading engine of your choice\*.
- Full roll cage with anti-vibration and anti-creep mounts is standard on 8 HP and larger sets.
- Available factory options include roll cage, molded suction/ discharge connectors, quick connects and wheel kits\*.

\*please contact factory, sales representative, or your distributor for additional information



**3 INCH, 6 HP PUMP**  
(shown with standard options)



**3 INCH, 9 HP PUMP**  
(shown with standard options)

MODEL	SUCTION DISCH.	ENGINE		MAX GPM	MAXIMUM		SPHERICAL SOLIDS	STANDARD MOUNTING	SHIPPING DIMS. (INCHES)			WEIGHT (DRY-LBS.)
		HP	MODEL		HEAD	LIFT			L	W	H	
SPG-86-R	3" x 3"	6	SUBARU	263	95'	25'	3/4"	Handle	22	18	19 3/4	90
SPG-89-R	3" x 3"	9	SUBARU	360	105'	25'	3/4"	Roll-Cage	24 3/4	22	23	107
SPG-88-HO	3" x 3"	8	HONDA GX-240	360	105'	25'	3/4"	Roll-Cage	24 3/4	22	23	110



Contact us by email through: [sales@UnitraInc.com](mailto:sales@UnitraInc.com)



# TSP SERIES

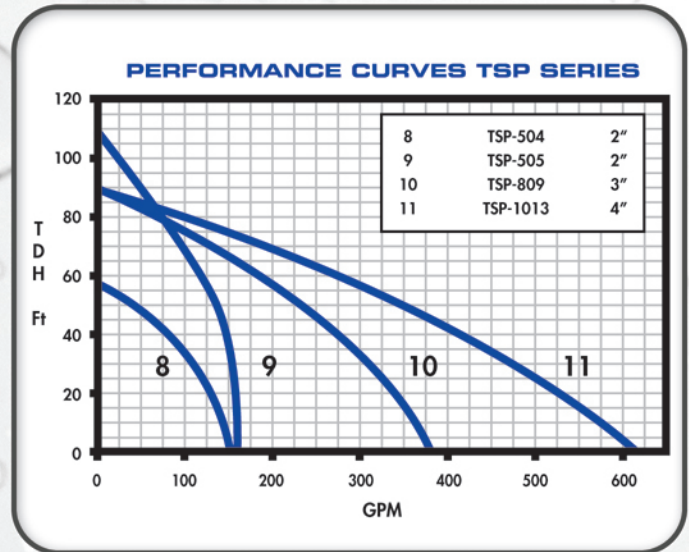
## TRASH HANDLING PUMPS

Unitra's "TSP" Series pumps are close-coupled, engine-driven contractor pumps that are specifically designed with excellent solids-handling capabilities.

### The "TSP" Series standard features include:

- Die-cast aluminum pump casing and motor support with durable cast iron volutes and impellers.
- Improved suction results, faster priming and excellent performance.
- Built-in check valve helps retain prime and eliminate backflow.
- High quality, self-lubricating silicon carbide shaft seal (except TSP 504) with corrosion resistant shaft sleeve.
- Included patented suction strainer helps ensure trouble-free performance.
- Full roll cage with anti-vibration and anti-creep mounts is standard except for TSP 504.
- Available factory options include molded suction/discharge hose connectors and wheel kits.

\*please contact factory, sales representative, or your distributor for additional information



**3 INCH, 9 HP TRASH PUMP**  
(shown with standard options)



**4 INCH, 13 HP TRASH PUMP**  
(shown with standard options)

MODEL	SUCTION DISCH.	ENGINE		MAX GPM	MAXIMUM		SPHERICAL SOLIDS	STANDARD MOUNTING	SHIPPING DIMS. (INCHES)			WEIGHT (DRY-LBS.)
		HP	MODEL		HEAD	LIFT			L	W	H	
TSP-504-R	2" x 2"	4.5	SUBARU	150	67'	25'	1"	Handle	22	18	19 3/4	60
TSP-506-R	2" x 2"	6	SUBARU	162	108'	25'	1"	Roll-Cage	22	18	19 3/4	80
TSP-505-HO	2" x 2"	5.5	HONDA GX-160	162	108'	25'	1"	Roll-Cage	22	18	19 3/4	80
TSP-809-R	3" x 3"	9	SUBARU	377	98'	25'	1 1/2"	Roll-Cage	24 3/4	22	23	120
TSP-808-HO	3" x 3"	8	HONDA GX-240	377	98'	25'	1 1/2"	Roll-Cage	24 3/4	22	23	123
TSP-1013-R	4" x 4"	13	SUBARU	750	90'	25'	2"	Roll-Cage	29 1/2	22	24	138
TSP-1013-HO	4" x 4"	13	HONDA GX-390	750	90'	25'	2"	Roll-Cage	29 1/2	22	24	139

NOTE: Specifications are subject to change without notice.

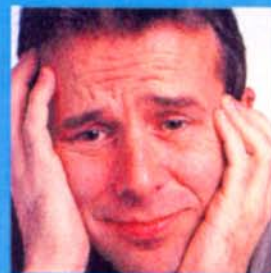




**U**  
**Unitra**  
Established 1971



Where's  
That  
Pump?  
I Need It



**NOW!**

Introducing **VSP** –  
Industry's First Vertical  
Self-Priming Pump





# WHEN YOU NEED A RUGGED, LOW-COST, PORTABLE, HIGH-CAPACITY, ALL DUTY PUMP . . .

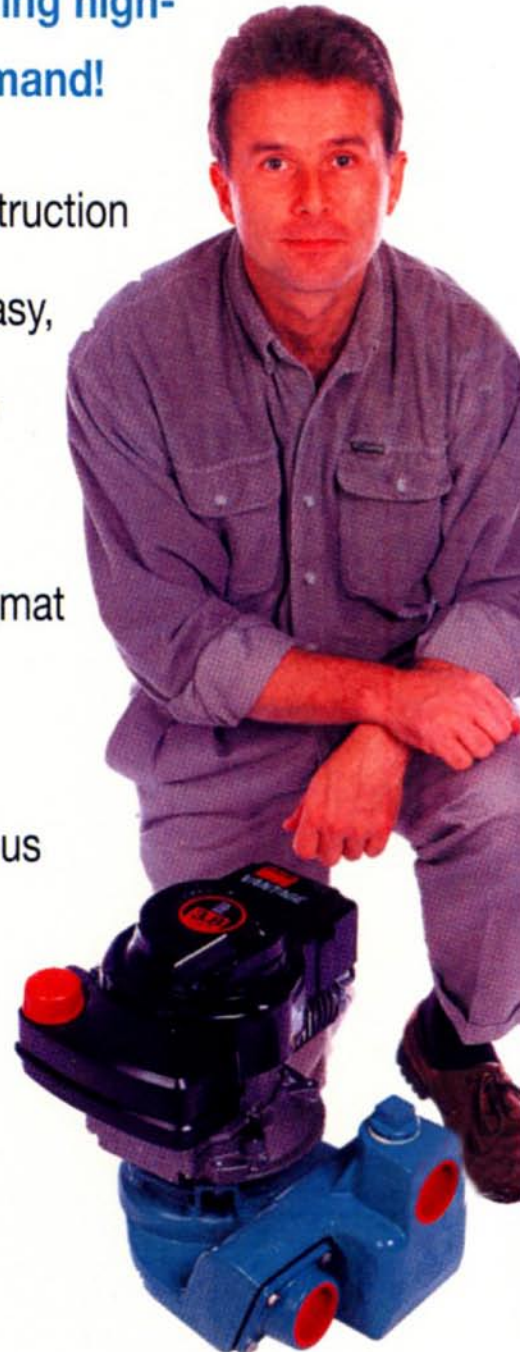
## **VSP IS YOUR ANSWER!**

**VSP** is gas engine-powered, with 3.8 (or 5.5) horsepower. Manufactured with tough “Tecumseh” technology, **VSP** breaks new ground in providing high-reliability performance . . . on demand!

Perfect for batch sampling, and construction projects. Mount on a mobile rig for easy, inexpensive bulk transfer that's *much* easier – and less costly – than PTO, hydraulic or DC transfer. Ideal for hazmat containment and spill cleanup.

**VSP** accommodates heavy and viscous liquids, abrasives, weak acids, and shear-sensitive liquids.

*The Ultimate Tool  
for Production,  
Process and  
Maintenance Use.*





**VSP PUMP**  
IS TRULY  
"ALL-PURPOSE"



BULK TRANSFER



HAZMAT MANAGEMENT



CONSTRUCTION



AGRICULTURE



POOL / SPA



EMERGENCY SERVICES

# LIGHTWEIGHT PORTABILITY – AND UP TO 170 GPM CAPACITY

## VSP IS A MULTI-PURPOSE PUMP THAT'S RICH IN FEATURES!

Rugged and reliable despite its compact size, it is self-priming to 25 ft. and accommodates pressures to 85 feet. It is stable and free-standing; the engine rests directly on the housing. (This streamlined design is unique in the marketplace!) Construction is **cast iron** (not plastic!) with internal alignment for long service life.

## VSP – THE MAINTENANCE TOOL THAT'S PRACTICALLY MAINTENANCE- FREE!

The VSP has an added-weight, balanced impeller, which eliminates the need for a heavy flywheel on the engine, and a stainless steel weighted check valve.

These features give VSP longer, stronger **performance power** than traditional general service pumps,

which contain plastic parts and are often troubled by leaks and other malfunctions.

In addition, VSP retains its priming fluid, so there's no need to repeatedly prime the valves when the pump is used often (such as in flood control or fluid transfer.)

VSP has a molded poly fuel tank and a heavy-service, replaceable air filter. Industrial-grade, self-adjusting Buna seals are standard. Viton® seals are available for corrosive service and temperature resistance up to 400°F.

VSP is powered by a 3.8 hp vertical shaft engine that's high on value, high on versatility!

Engineered and manufactured by **Tecumseh**, it is truly "world class."

The engine has a manual speed control, and a force-lubricated, cam-driven oil pump. A priming bulb and automatic mechanical compression simplify starting under all conditions.

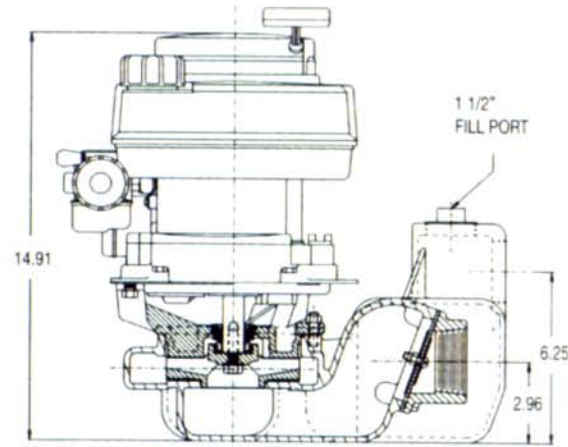


**VALUE-ADDED  
OPTIONS CUSTOMIZE  
THE VSP FOR YOUR  
APPLICATION!**

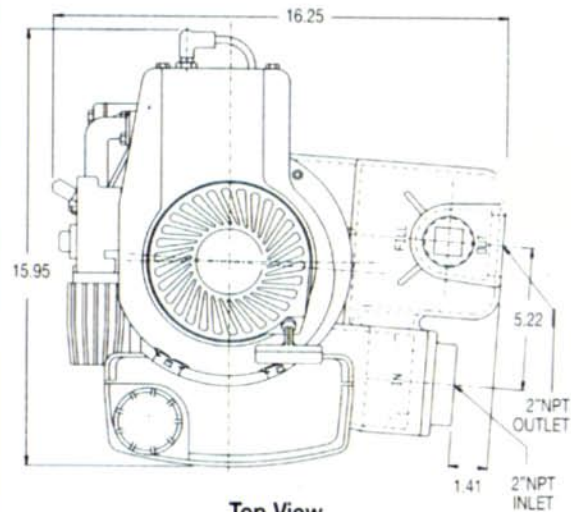
Special options include:

- a steel base . . .
- Viton® seals for high temperature (up to 400°F) use . . .
- a sturdy, molded carrying handle for greatest portability . . .
- an enhanced unit, with 45% greater horsepower. This 5.5hp unit is ideal for special applications such as slurries.

**VSP PUMP** is available for fast delivery throughout the U.S., Central America and South America. The unit is well-suited for use as an OEM product, and for export. Service manuals are available in English and Spanish. Proprietary packaging is available.

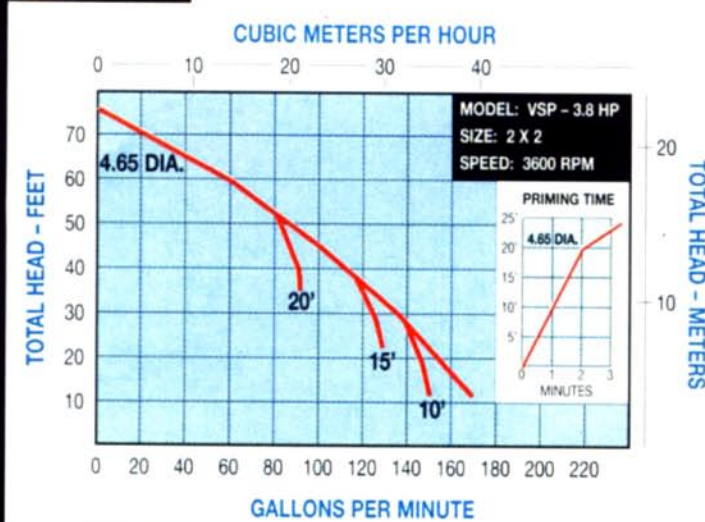


Side View



Top View

Shipping Weight: 60 lbs.



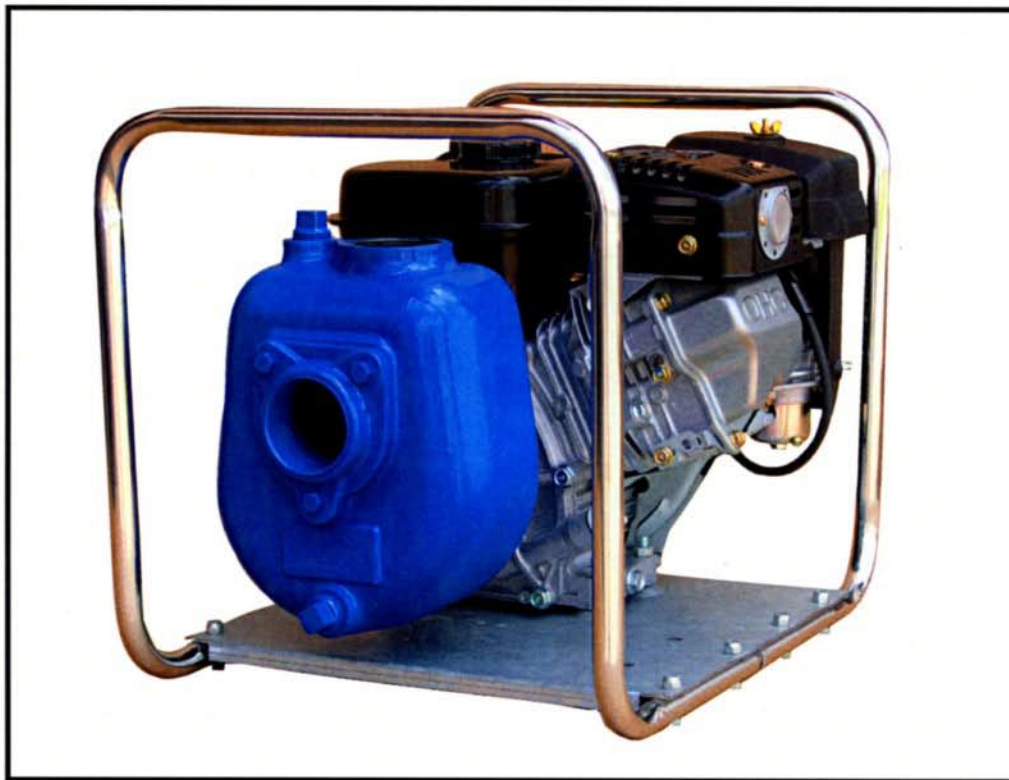
For information call  
281-240-1500 • Fax 281-240-4334  
[www.unitrainc.com](http://www.unitrainc.com)





# 2" SELF PRIMING CENTRIFUGAL PUMP

MODEL SPG-50-CI



SPG-50-CI SHOWN WITH HALF CRADLE

## 10,800 GALLONS PER HOUR

### Quality Features

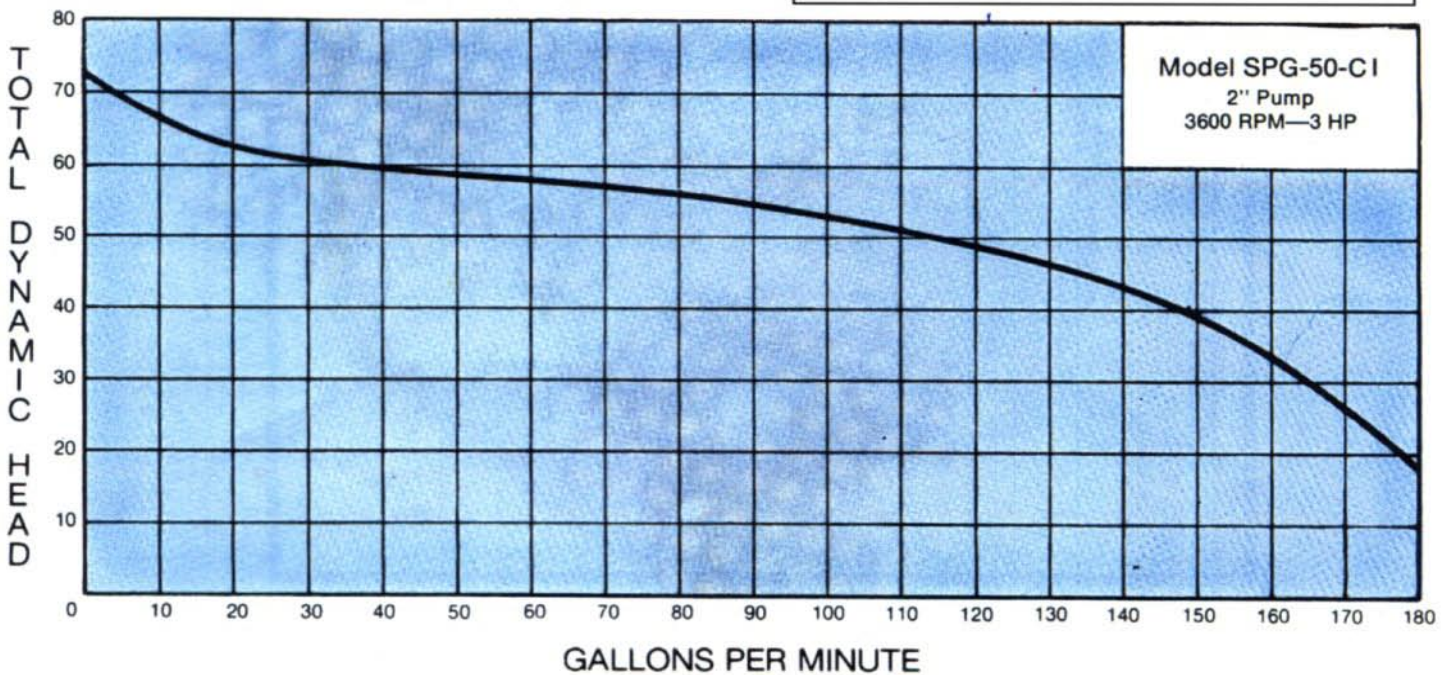
- 💧 RUGGED CAST BODY
- 💧 LIGHT WEIGHT
- 💧 OPTIONAL ENGINE SELECTION
- 💧 SHAFT SLEEVE
- 💧 SELF-LUBRICATED SHAFT SEAL
- 💧 BUILT-IN CHECK VALVE



### PUMP AND ENGINE SPECIFICATIONS



Suction and Discharge	2" NPT Male
Shaft Seal	Self Lubricating
Pump Shaft	Engine Crankshaft
Pump Body	Cast Iron
Pump Adaptor	Aluminum
Pump Impeller	Cast Iron
Pump Feet	Rubber (optional)
Solid Handling	1/2 Inch
<b>Standard Engine:</b> 4 HP-EX-13 SUBARU	
Net Weight, Lbs.	52
Shipping Weight, Lbs.	55
Overall Height, inches	14 1/2
Overall Length, inches	20 1/4
Overall Width, inches	12 1/2
<b>STANDARD EQUIPMENT</b>	
Carrying Cradle	
Suction Strainer	



Parts list shipped with every unit for quick reference and ordering through your local distributor.

Distributed By

Specifications are subject to change without notice







# 3" SELF PRIMING CENTRIFUGAL PUMP

SPG-70 SERIES



SPG-79-CI SHOWN WITH FULL CRADLE

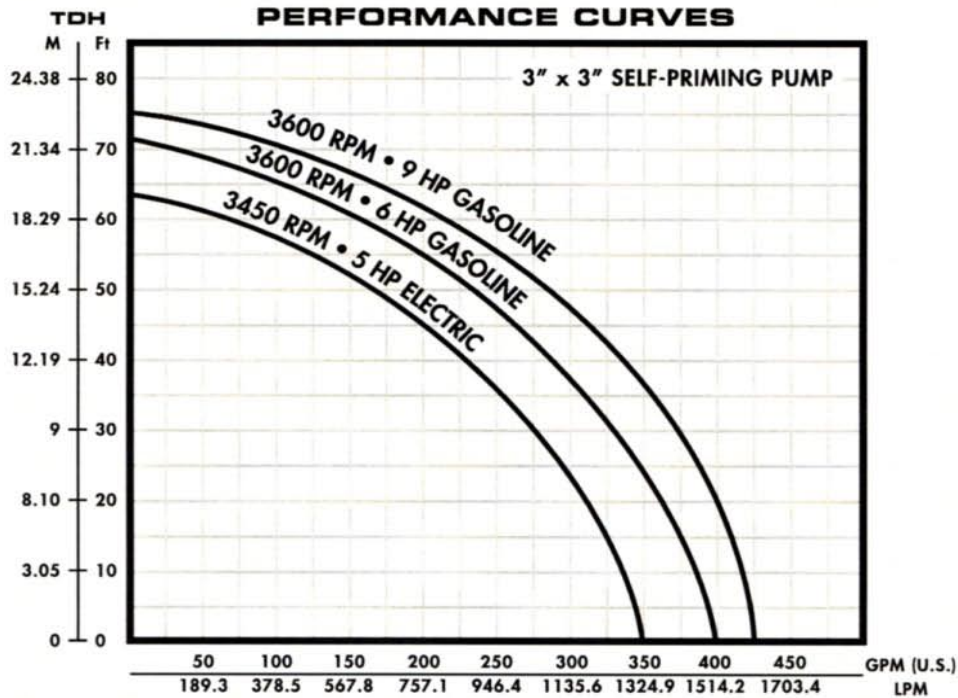
## Quality Features

- 💧 RUGGED CAST BODY
- 💧 LIGHT WEIGHT
- 💧 OPTIONAL ENGINE SELECTION
- 💧 SHAFT SLEEVE
- 💧 SELF-LUBRICATED SHAFT SEAL
- 💧 BUILT-IN CHECK VALVE



## QUALITY PUMPING EQUIPMENT BUILT FOR CONTINUOUS DUTY

Probably the most wanted of all pumps for draining of sumps, cellars, excavations, marine bilge service, mine work, filling tanks, flood irrigation, vegetable and lawn sprinkling, filling and emptying of swimming pools and many more uses.



MODEL #	SPG-CI-76	SPG-CI-79
Suction/Discharge	3" Female NPT Std.	
Capacity - GPH	21,000	24,000
Max. Head - Ft.	70	75
Max. Size of Solids Handled	3/4 in	
<b>MATERIAL OF CONSTRUCTION:</b>		
Pump Body	Cast Iron	
Impeller	Cast Iron	
Engine Adaptor	Cast Aluminum	
Suction Flanges	Cast Aluminum	
Discharge Flanges	Cast Aluminum	
HP @ 3600 RPM	6	9
Pump Mounting	6 HP w/Handle	9 HP w/Full Cradle
Weight Lbs.	60	75
Gross Weight Lbs.	64	80
Pump Dimensions Inches	21.5 x 13.5 x 17.5	22.5 x 17.5 x 18.25
Packed Dimensions: Inches	22 x 14 x 15	24 x 18 x 18

Consult your price sheet for options available.  
Specifications are subject to change without notice.





# 4" SELF PRIMING CENTRIFUGAL PUMP

SPG-100 SERIES



SPG-1013-CI SHOWN WITH FULL CRADLE

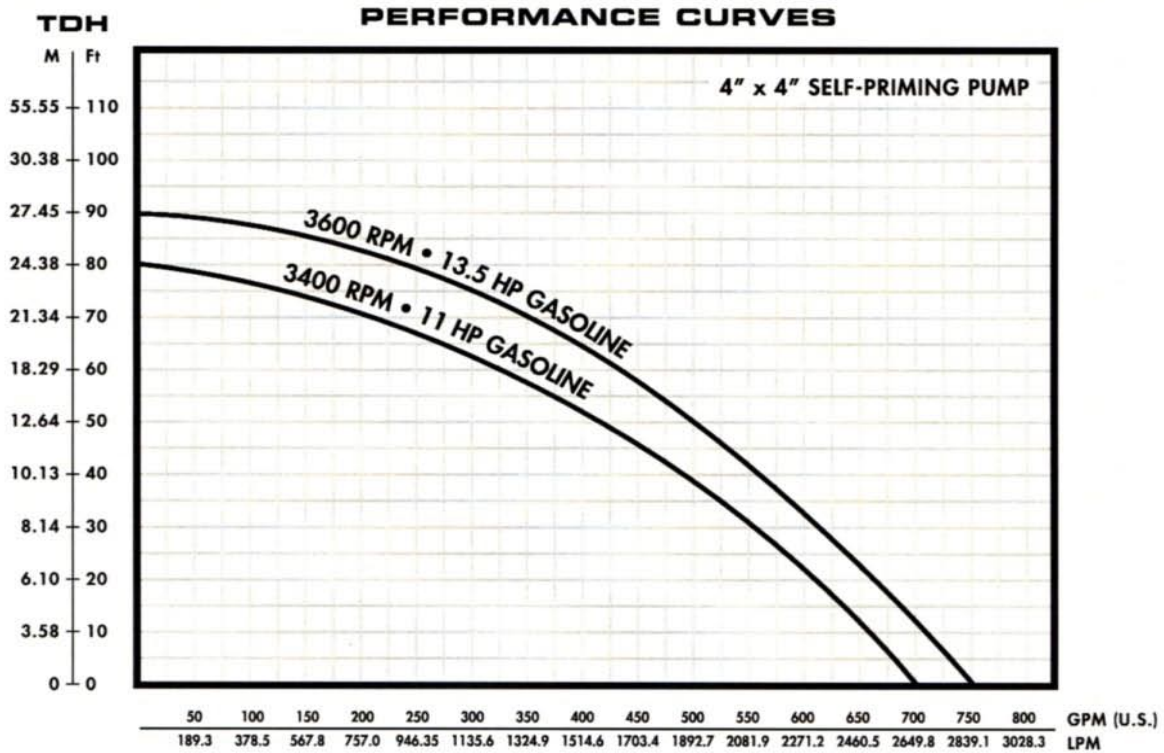
## Quality Features

- 💧 RUGGED CAST BODY
- 💧 LIGHT WEIGHT
- 💧 OPTIONAL ENGINE SELECTION
- 💧 SHAFT SLEEVE
- 💧 SELF-LUBRICATED SHAFT SEAL
- 💧 BUILT-IN CHECK VALVE



# QUALITY PUMPING EQUIPMENT BUILT FOR CONTINUOUS DUTY

Probably the most wanted of all pumps for draining of sumps, cellars, excavations, marine bilge service, mine work, filling tanks, flood irrigation, vegetable and lawn sprinkling, filling and emptying of swimming pools and many more uses.



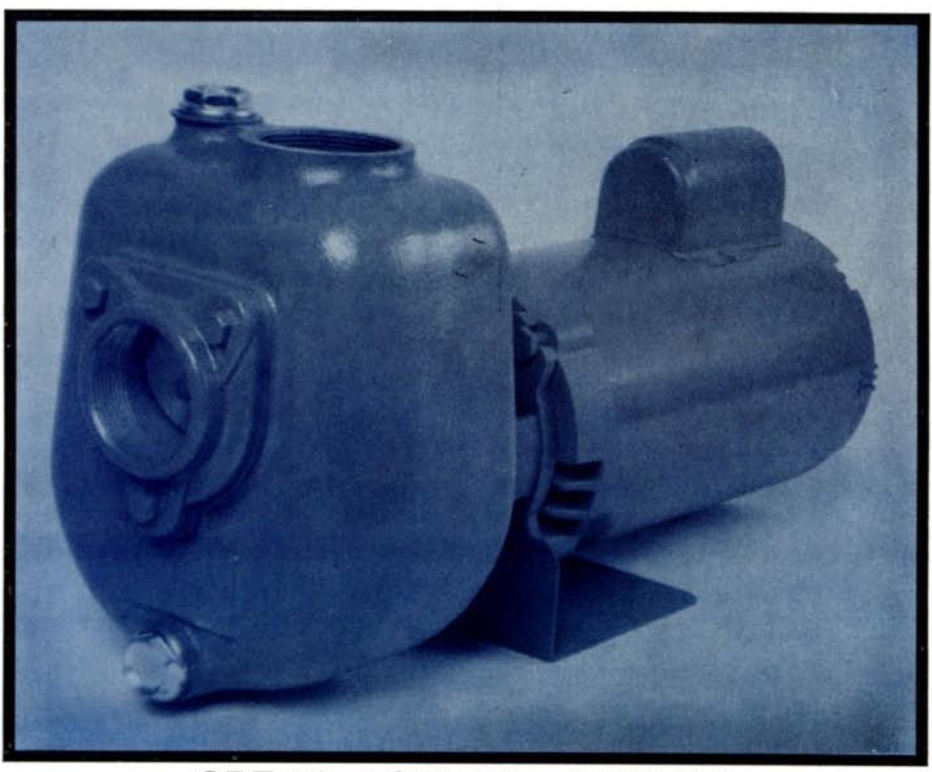
MODEL #	SPG-CI-1011	SPG-CI-1013
Suction/Discharge	4" Female NPT STD	
Capacity - GPH	35,000	45,000
Max. Head - Ft.	65	90
Max. Size of Solids Handled	1 5/16 in	
<b>MATERIAL OF CONSTRUCTION:</b>		
Pump Body	Cast Iron	
Impeller	Cast Iron	
Engine Adaptor	Cast Aluminium	
Suction Flanges	Cast Aluminium	
Discharge Flanges	Cast Aluminium	
HP @ 3600 RPM	11	13
Pump Mounting	Full Cradle w/Anti-Creep Shock Isolators	
Weight Lbs.	160	225
Gross Weight Lbs.	167	237
Pump Dimensions Inches	28 x 21.5 x 25.5	28 x 21.5 x 25.5
Packed Dimensions: Inches	29.5 x 25 x 25	29.5 x 26 x 25

Consult your price sheet for options available.  
Specifications are subject to change without notice.





# CLOSE COUPLED - ELECTRIC MOTOR DRIVE 2", 3" & 4" SELF PRIMING CENTRIFUGAL PUMPS



SPE-50 • SPE-70 • SPE-100

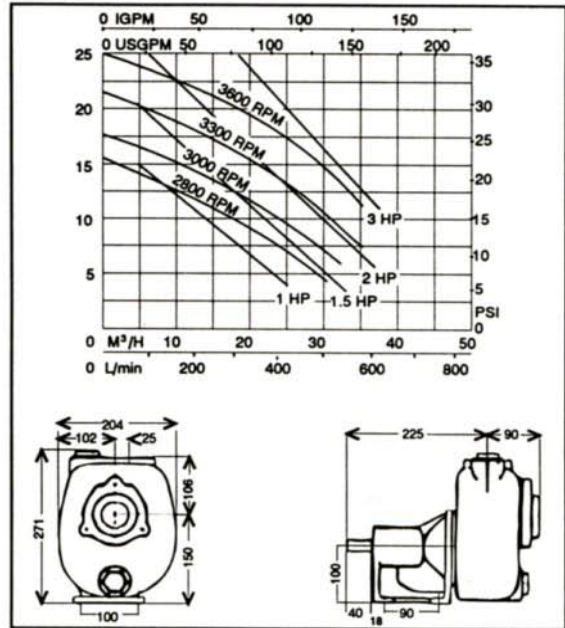
## QUALITY FEATURES

- RUGGED CAST BODY
- LIGHT WEIGHT
- STANDARD NEMA MOTORS
- BRASS STUB SHAFT
- SELF-LUBRICATED SHAFT SEAL
- BUILT-IN CHECK VALVE

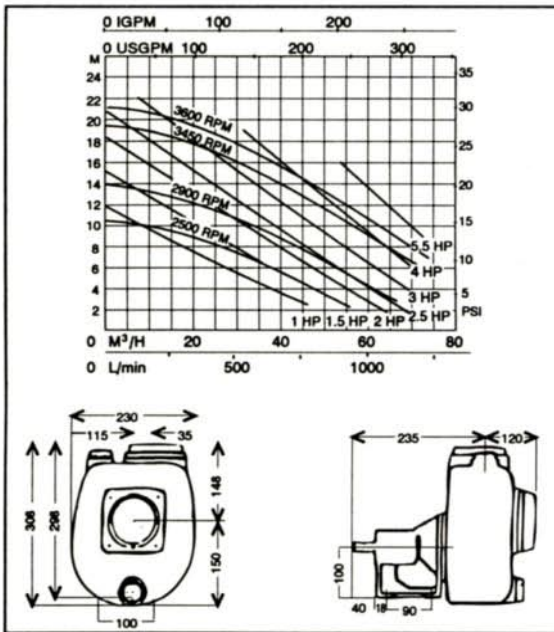
# 2", 3" & 4" PUMPS WITH PEDESTAL SUPPORT

- Type: Self - priming Centrifugal for pumping dirty water.
- Ports: Female Thread. \*
- Pump: Cast Iron.
- Impeller: Open, handling spherical solids up to. \*
- Shaft Seal: Mechanical Seal.

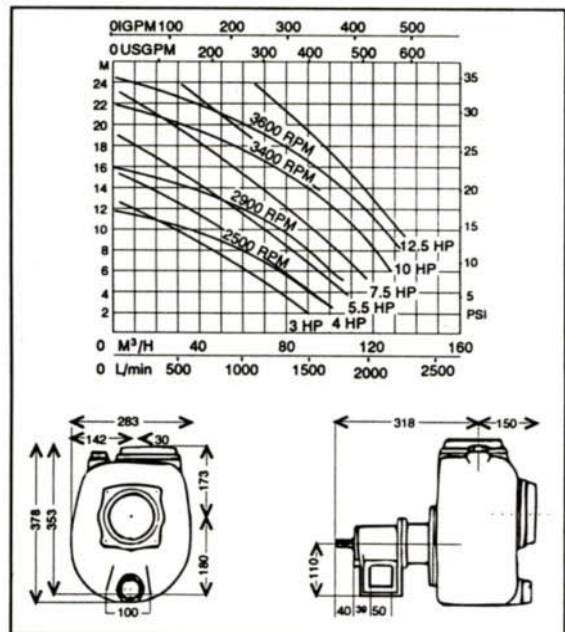
\* 2" PUMP UP TO 3/4" (18 mm) SOLIDS HANDLING



\* 3" PUMP UP TO 1" (25 mm) SOLIDS HANDLING



\* 4" PUMP UP TO 1 1/2" (38 mm) SOLIDS HANDLING



Specifications are subject to change without notice.

FORM U-1004

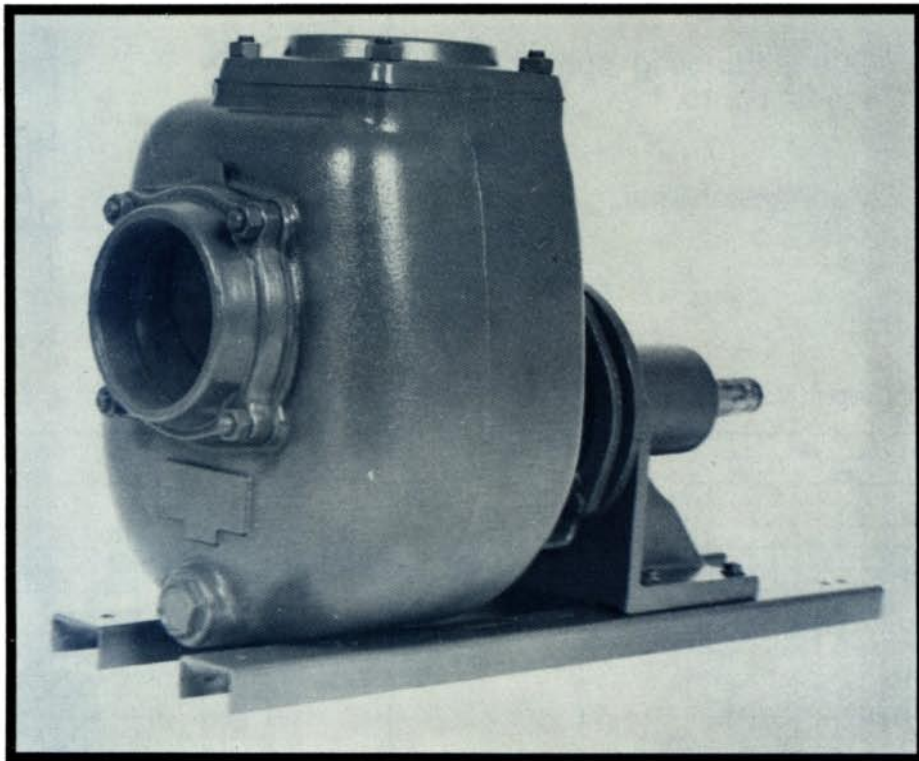


Unitra, Inc. 12601 Exchange Drive • Stafford, Texas • (713) 240-1500 • FAX. (713) 240-4334





## FREE SHAFT PEDESTAL 2", 3" & 4" SELF PRIMING CENTRIFUGAL PUMPS



FSP-50 PEDESTAL • FSP-70 PEDESTAL • FSP-100 PEDESTAL

### QUALITY FEATURES

- RUGGED CAST BODY
- LIGHT WEIGHT
- H. D. BEARING PEDESTAL
- S.S. SHAFT SLEEVE
- MECHANICAL SEAL
- BUILT-IN CHECK VALVE



**Unitra, Inc.** 12601 Exchange Drive • Stafford, Texas • (713) 240-1500 • FAX. (713) 240-4334

# 2", 3" & 4" PUMPS WITH PEDESTAL SUPPORT

Type: Self - priming Centrifugal  
for pumping dirty water.

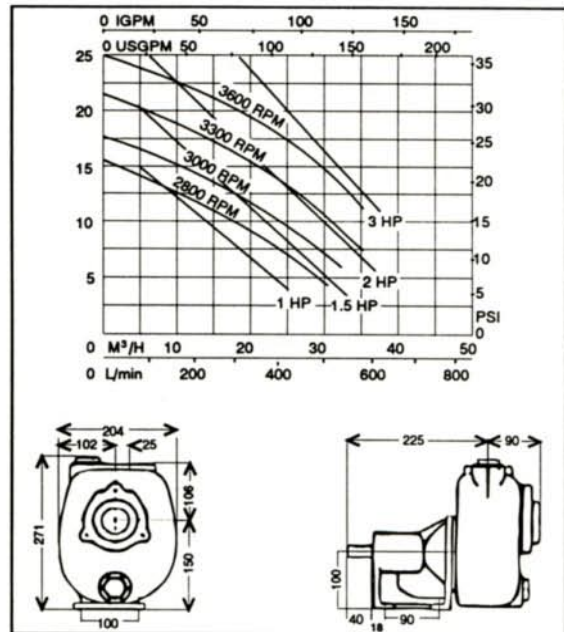
Ports: Female Thread. \*

Pump: Cast Iron.

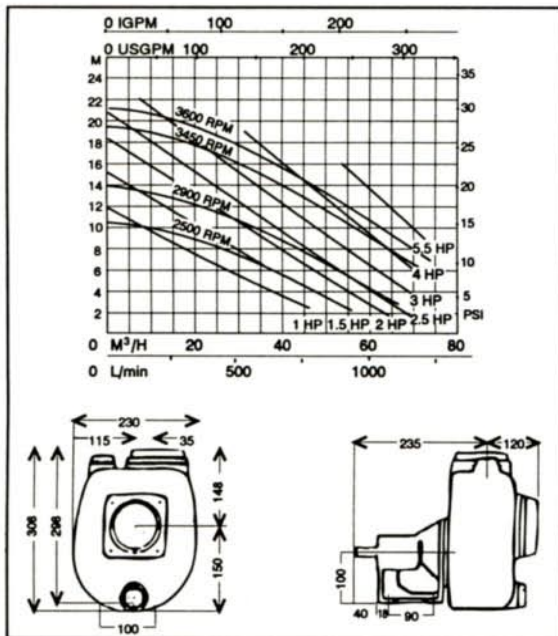
Impeller: Open, handling spherical  
solids up to. \*

Shaft Seal: Mechanical Seal.

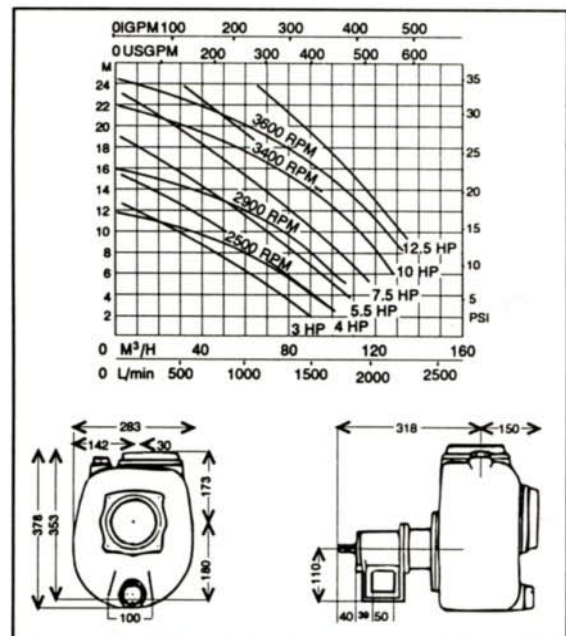
\* 2" PUMP UP TO 3/4" (18 mm) SOLIDS HANDLING



\* 3" PUMP UP TO 1" (25 mm) SOLIDS HANDLING



\* 4" PUMP UP TO 1 1/2" (38 mm) SOLIDS HANDLING



Specifications are subject to change without notice.

FORM U-1005



Unitra, Inc. 12601 Exchange Drive • Stafford, Texas • (713) 240-1500 • FAX. (713) 240-4334





## SHALLOW WELL JET PUMPS

State of the art pump designed to deliver a large volume of water at high pressure. Durable cast iron pump casing rubber "O" ring seals for durability and simplicity in repair. Built-in molded ejector that eliminates the need for external bolt-on adaptors. Durable high strength molded impeller and diffuser that are easily replaceable. Easy access motor with stainless steel shaft & service factor are standard.



### QUALITY FEATURES

💧 CAST IRON PUMPS

💧 MECHANICAL SEAL

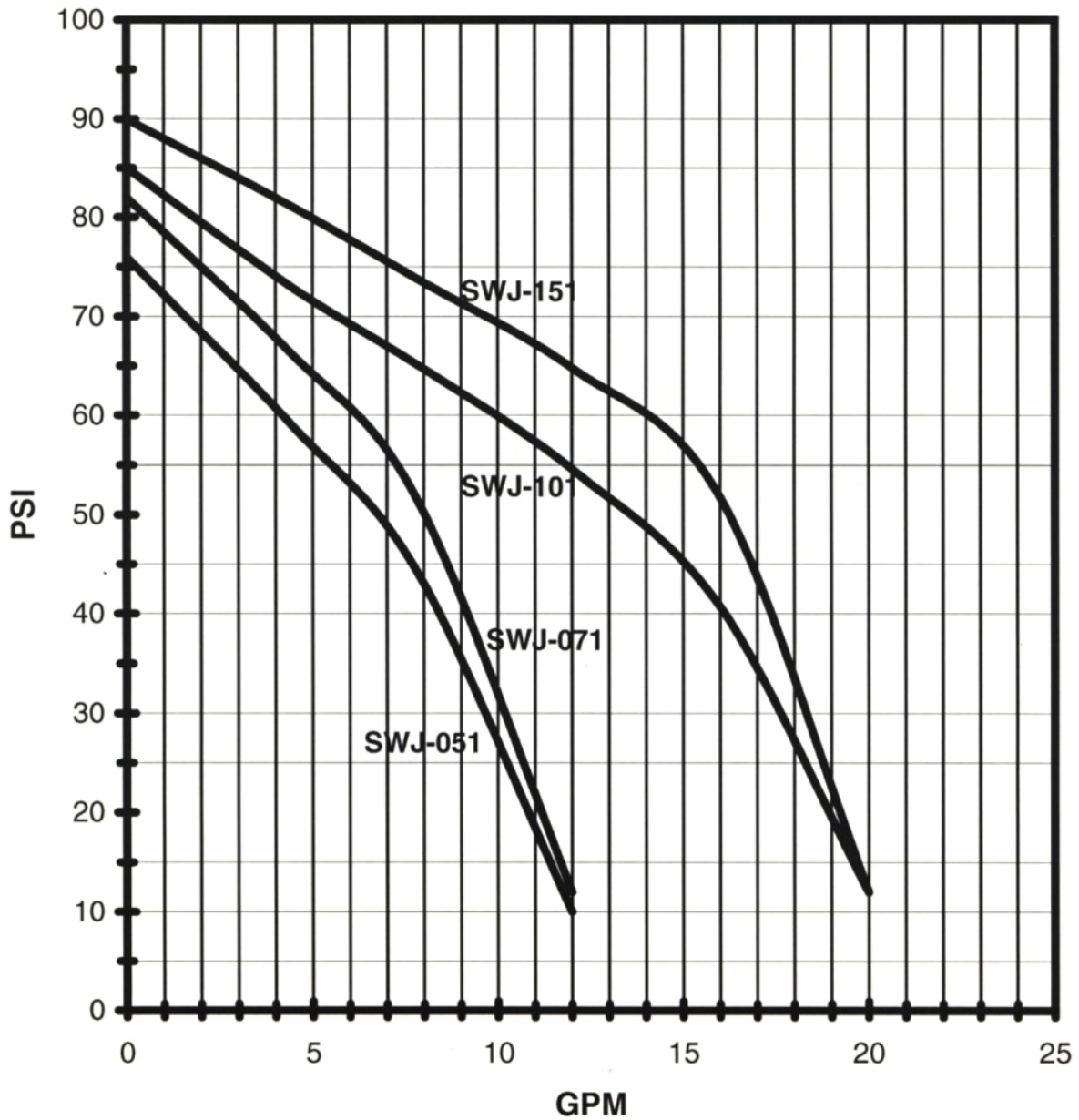
💧 "O" RING GASKETS

💧 SQUARE "D" PRESSURE SWITCH



## SWJ Series Performance Chart

MODEL	HP	VOLTS	SUCTION Ft.	DISCHARGE PRESSURE				SHUT OFF PSI
				20PSI	30PSI	40PSI	50PSI	
				GALLONS PER HOUR				
SWJ-051	1/2	115/230	5	720	666	500	300	65
			15	546	530	478	260	60
			25	294	289	275	150	56
SWJ-071	3/4	115/230	5	822	822	766	520	70
			15	630	630	594	410	65
			25	395	395	390	270	58
SWJ-101	1	115/230	5	990	960	930	550	72
			15	750	725	677	485	68
			25	396	386	369	275	63



Specifications are subject to change without notice.







## EC SERIES STRAIGHT CENTRIFUGAL PUMPS



### Quality Features

- HEAVY DUTY MOTORS
- PRECISION MOLDED IMPELLERS
- 4 POSITION DISCHARGE
- MECHANICAL SEAL
- VERTICAL OR HORIZONTAL INSTALLATION

### Servicing Accessibility

SIMPLY REMOVE MOTOR WITHOUT DISTURBING PLUMBING  
TO REPLACE IMPELLER, SEAL, OR GASKET

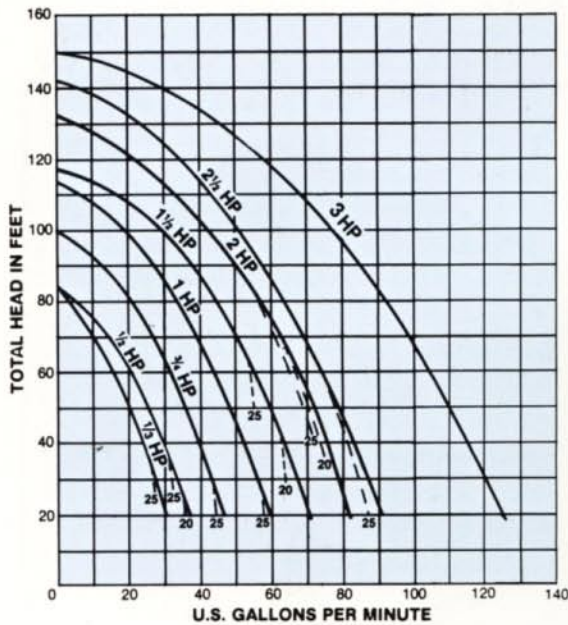
# SPECIFICATIONS AND SELECTION CHART

MODEL NO.	HP	VOLTAGE & PHASE	PORTS		PUMP DIMENSIONS Inches					PACKING DIMENSIONS	WEIGHT
			Suct.	Disch.	A	B	C	F	H	Inche	Lbs
EC-031	.33	115/230/1	1.25"	1.00"	15.10	2.35	6.10	4.35	5.60	15.5 x 8.5 x 10"	31
EC-051	.50	115/230/1	1.25"	1.00"	15.10	2.35	6.10	4.35	5.60	15.5 x 8.5 x 10"	32
EC-071	.75	115/230/1	1.25"	1.00"	15.80	2.35	6.10	4.35	5.60	16.5 x 9.5 x 10"	34
EC-101*	1	115/230/1	1.25"	1.00"	16.20	2.35	6.10	4.35	5.60	16.5 x 9.5 x 10"	37
EC-151*	1.5	115/230/1	1.25"	1.00"	16.80	2.35	6.10	4.35	5.60	16.5 x 9.5 x 10"	41
EC-201	2	230/1	1.50"	1.25"	18.00	2.90	6.75	4.70	6.30	18.25 x 9.5 x 10"	52
EC-251	2.5	230/1	2.00"	1.50"	18.00	2.90	6.75	4.70	6.30	18.25 x 9.5 x 10"	52
EC-301	3	230/1	2.00"	1.50"	18.00	2.90	6.75	4.70	6.30	18.25 x 9.5 x 10"	52

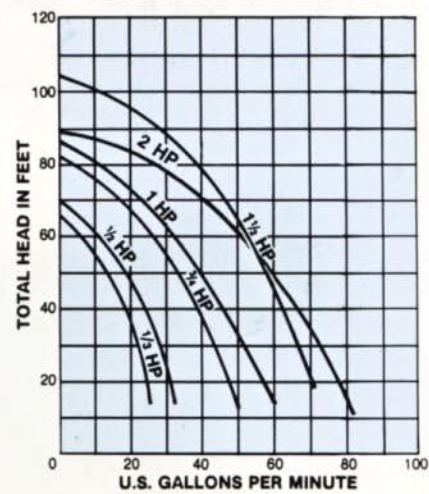
All Models are available in 3 Phase - specify voltage

\*Available in 1-1/2" / 1-1/4" - please specify

## 3450 RPM 60 CYCLE

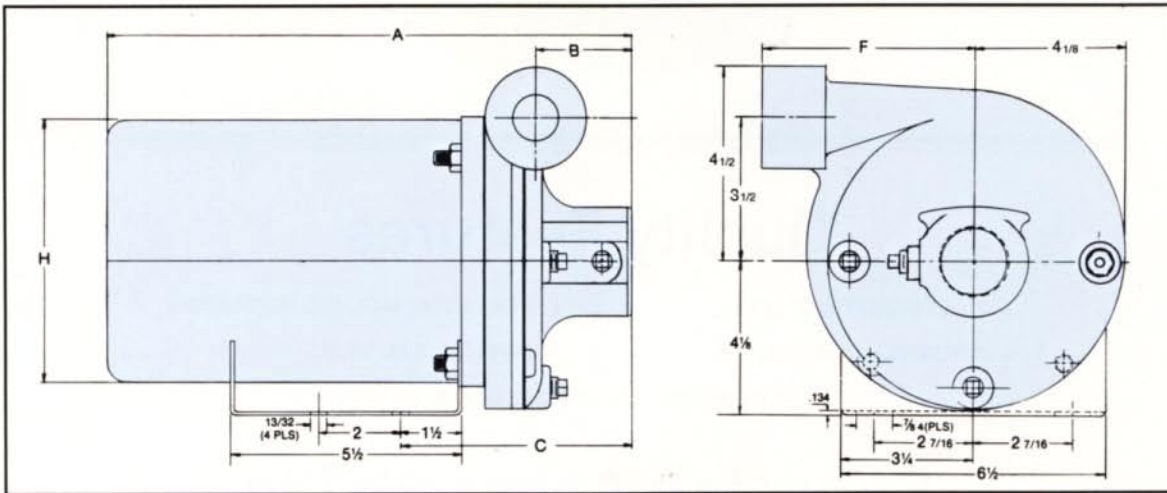


## 2850 RPM 50 CYCLE



NOTE: 4 Position Discharge - Vertical or Horizontal.  
Air Volume Control Tapping - Optional Suction Side of Pump

Specifications are subject to change without notice







## LAWN SPRINKLER PUMPS



LSP SERIES

### Quality Features

- 💧 RUGGED CAST IRON CONSTRUCTION
- 💧 BUILT FOR YEARS OF TROUBLE FREE OPERATION
- 💧 HIGH IMPACT MOLDED IMPELLERS
- 💧 HIGH QUALITY CAST IRON HOUSING
- 💧 TOP SUCTION W/LARGE RESERVIOR
- 💧 THREADED SHAFT NEMA J MOTOR DESIGN
- 💧 MECHANICAL SEAL
- 💧 AIR VOLUME CONTROL CONNECTION



# LAWN SPRINKLER PUMPS

## LSP SERIES

### Performance Data

Model	Depth to water FEET	Capacity in GPM			Shut Off PSI
		Discharge Pressure			
		20 PSI	30 PSI	40PSI	
LSP - 75	5	41	35	16	43
	15	37	24	--	39
	25	33	5	--	35
LSP - 100	5	50	40	27	51
	15	46	34	20	46
	25	40	30	--	42
LSP - 150	5	58	49	39	46
	15	51	40	14	42
	25	41	32	--	38
LSP - 200	5	67	61	48	53
	15	57	52	39	49
	25	44	41	26	45



LAWN

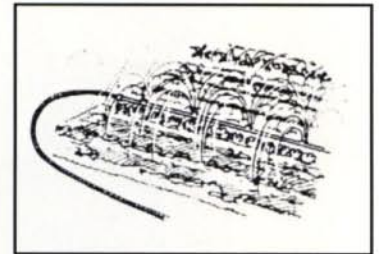
### Models Available

LSPS75 - 3/4 hp 115V/230V

LSP100 - 1 hp 115V/230V

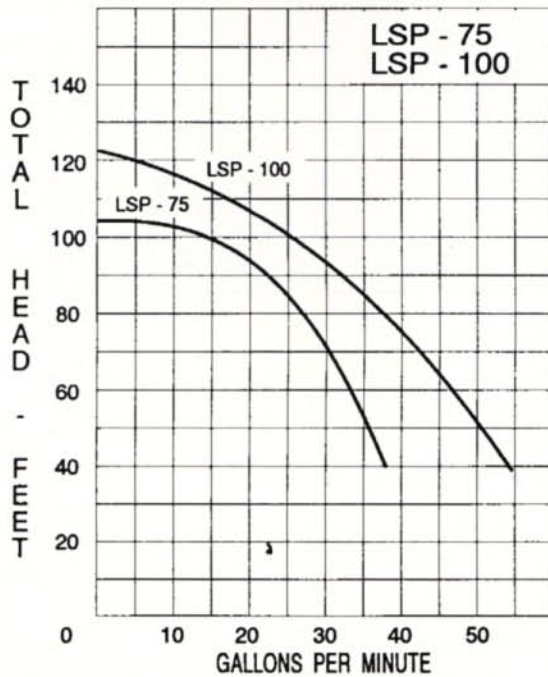
LSP150 - 1 1/2 hp 230V

LSP200 - 2 hp 230V

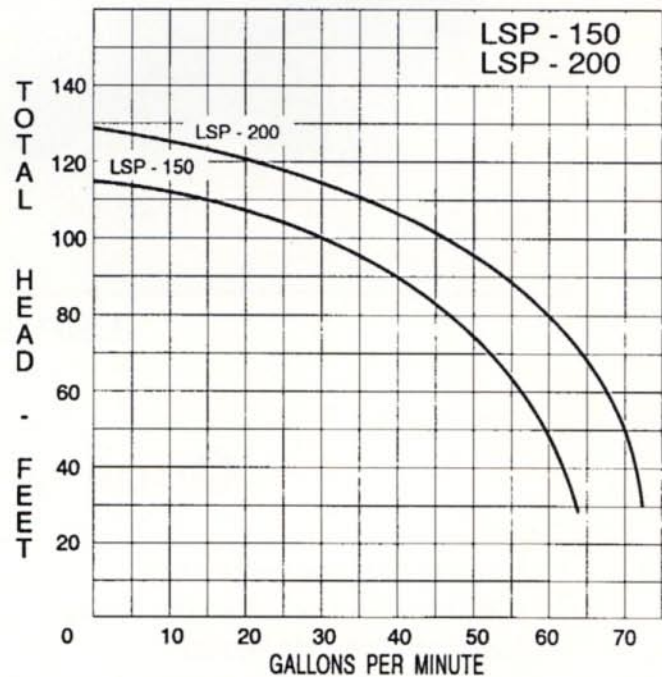


GARDEN

PERFORMANCE CURVE



PERFORMANCE CURVE



Specifications are subject to change without notice.



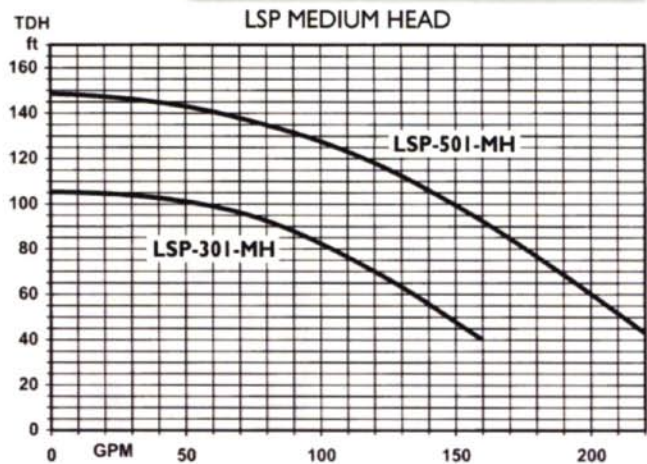
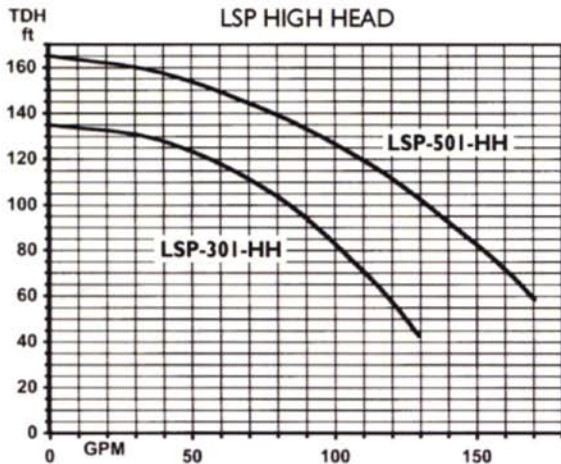




## LAWN SPRINKLER PUMPS

### 3 & 5 HP: High & Medium Head Self-Priming Centrifugals

Unitra's 3 & 5 Hp self-priming pumps are specially designed to be one of the fastest priming pumps on the market today. These pumps are well suited for lawn sprinkling applications with a brass impeller and air volume control tapping also includes a suction flange with a flapper valve to insure priming.



#### Quality Features

All Pumps are equipped with NEMA "JM" 3500RPM, 60Hz, Dual Ball Bearing. Single Phase 230 Volt or Three Phase 230/460 Volt. Also available in 50Hz. Optional Seals are available.

#### PERFORMANCE RATINGS

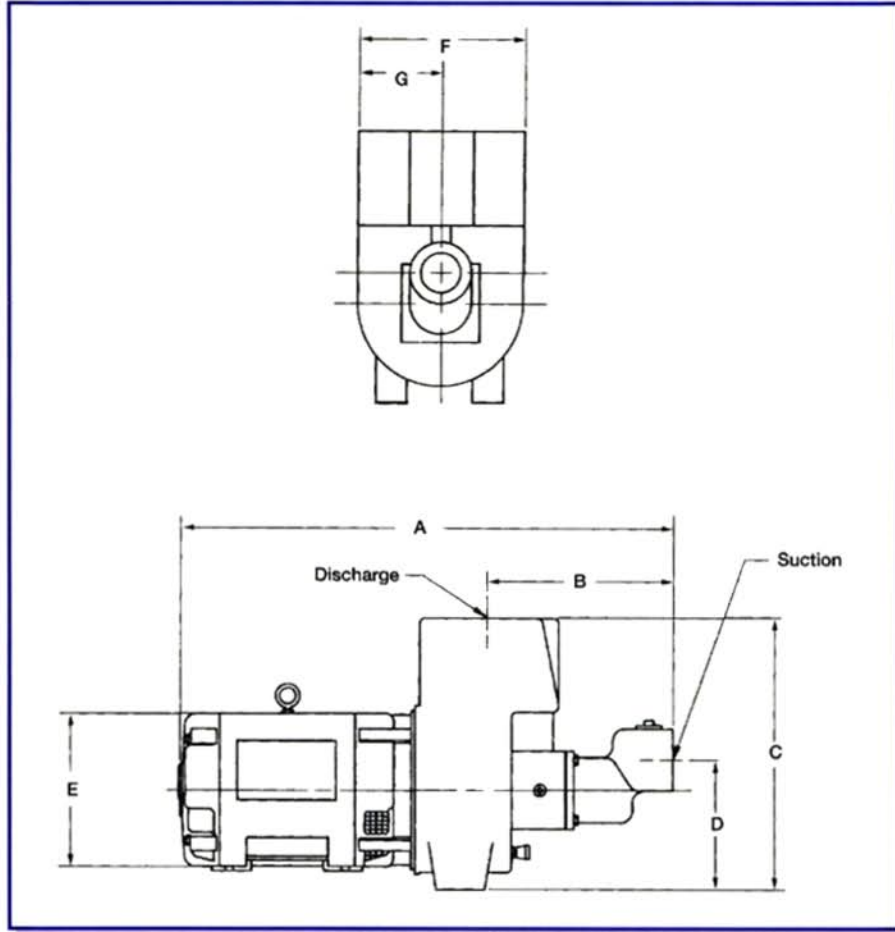
MODEL	HP	VOLTS	PHASE	NPT INCH		DISCHARGE HEAD		SUCTION LIFT IN FEET					WEIGHT Lbs.		
				Suct.	Disc.	PSI	Feet	CAPACITY - U.S. GALLONS PER MINUTE							
								5	10	15	20	25			
LSP-301-HH LSP-303-HH	3	230 230/460	1 3	2	1 1/2	20 30 40 50	46 69 92 115	123 108 87 60	120 105 82 52	108 98 76 44	98 94 70 33	70 68 62 18	144		
LSP-501-HH LSP-503-HH	5	230 230/460	1 3	2 1/2	2	20 30 40 50 60	46 69 92 115 138	162 160 146 118 80	160 158 141 115 71	151 150 136 104 54	140 136 130 94 28	98 98 96 94 -		182	
LSP-301-MH LSP-303-MH	3	230 230/460	1 3	2 1/2	2	20 30 40	46 69 92	156 124 84	150 116 76	140 108 40	135 99 30	100 91 -			144
LSP-501-MH LSP-503-MH	5	230 230/460	1 3	3	2 1/2	20 30 40 50	46 69 92 115	218 190 160 118	212 182 148 116	206 176 140 90	198 170 136 72	172 160 126 36			

Specifications are subject to change without notice.





## LSP 3 & 5 HP: High & Medium Head Self-Priming Centrifugals



DIMENSIONAL INFORMATION

PART #	HP	VOLTAGE	Ph.	SUCT.	DISCH.	A	B	C	D	E	F	G	Lbs.
LSP-301-HH	3	230	1	2	1½	25.50	7.44	13.25	6.50	9.38	9.25	4.75	144
LSP-303-HH	3	208-230/460	3	2	1½	23.50	7.44	13.25	6.69	7.19	9.25	4.75	144
LSP-501-HH	5	230	1	2½	2	27.25	8.44	13.25	7.44	8.56	9.25	4.75	182
LSP-503-HH	5	208-230/460	3	2½	2	25.75	8.44	13.25	7.44	9.38	9.25	4.75	182
LSP-301-MH	3	230	1	2½	2	26.50	8.44	13.25	7.44	9.38	9.25	4.75	144
LSP-303-MH	3	208-230/460	3	2½	2	24.50	8.44	13.25	7.44	7.19	9.25	4.75	144
LSP-501-MH	5	230	1	3	2½	27.25	8.44	13.25	7.44	8.56	9.25	4.75	182
LSP-503-MH	5	208-230/460	3	3	2½	25.75	8.44	13.25	7.44	9.38	9.25	4.75	182

Specifications are subject to change without notice.

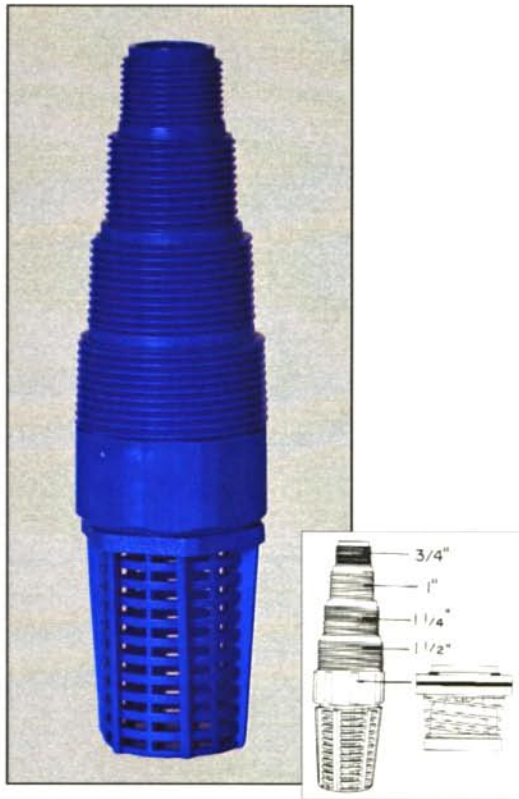




# 4 in 1 FOOT VALVE

## INCREASE SALES & SIMPLIFY YOUR INVENTORY

A single foot valve that fits four pipe sizes: 3/4", 1", 1 1/4" & 1 1/2"- in 2" or larger well casings.



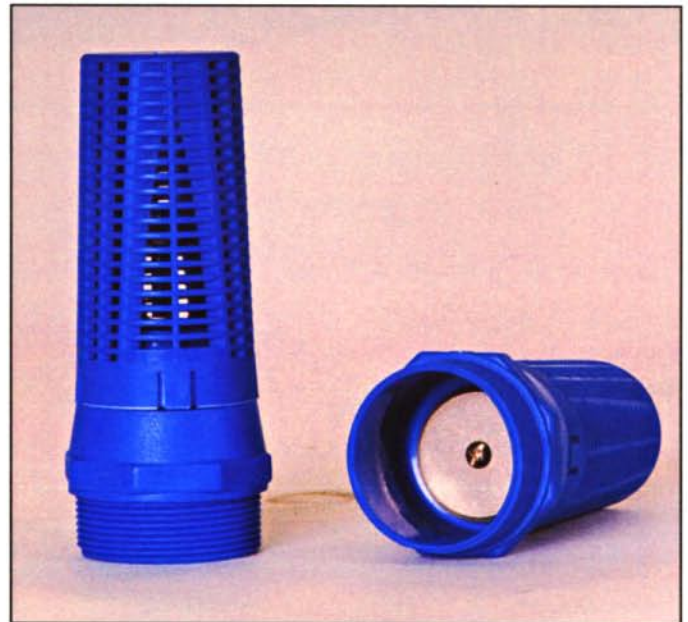
### SPECIFICATIONS

Length	Width	Wt. Ea.
7"	1-15/16"	6 Oz.

## SIMPLE TO INSTALL

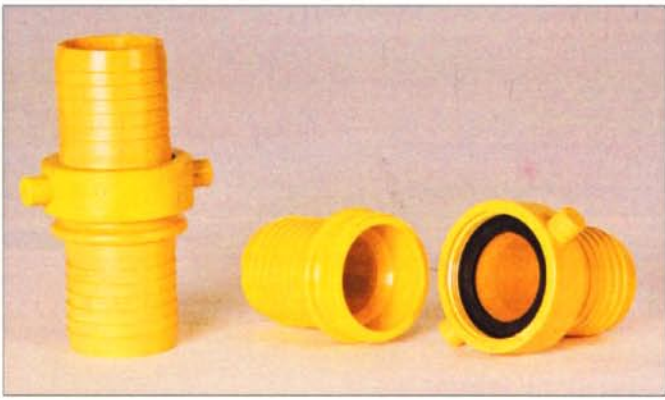
Remove the threaded sections that are not required, using a hack saw. The precision molded threads require a small amount of pipe dope.

- Positive sealing - spring loaded valve poppet closes against a smooth tapered brass seat.
- Corrosion proof - for long trouble free operation.
- Sturdy - made to withstand pressure.
- Self-cleaning design - for continuous positive seating.
- Large screen - designed to assure smooth water passage and better suction.
- Tapered ribs - eliminate pipe joint hang-ups during installation.



## 2" FOOT VALVE

Made in USA



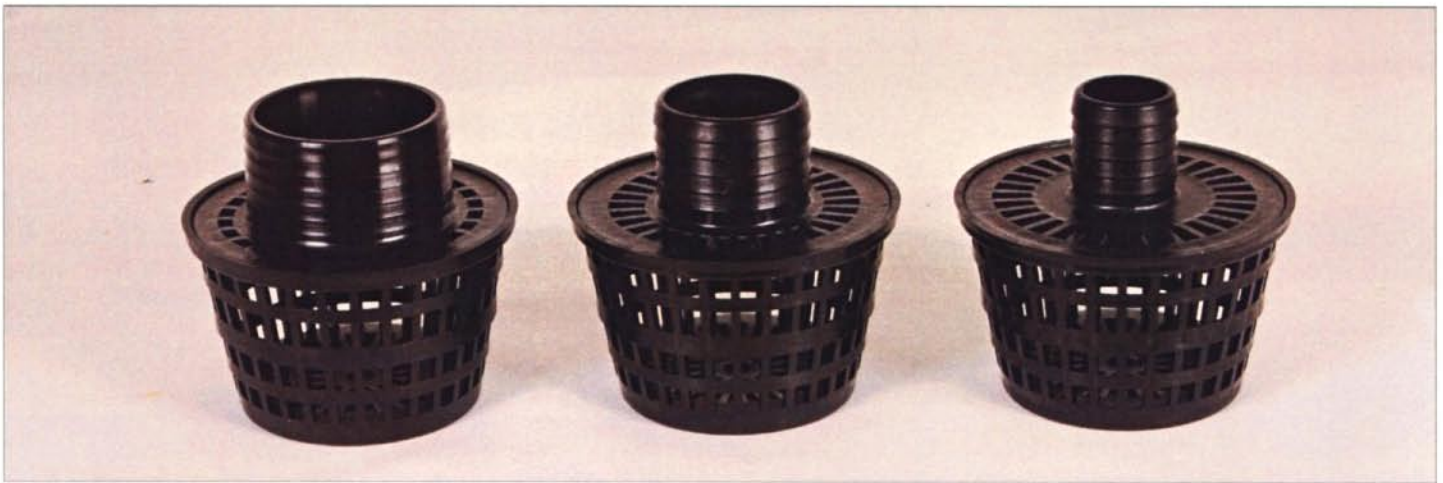
**2" HOSE MENDER**



**PLASTIC HOSE NOZZLE**

Weather proof • Corrosion proof  
Adjustable from fine mist to jet spray

## **PLASTIC MOLDED STRAINERS**



**2", 3" & 4"**

**METAL  
TRASH PUMP  
STRAINERS**

Made in USA





**U**  
*Unitra*



# “CLEAR-FLO” FILTERS

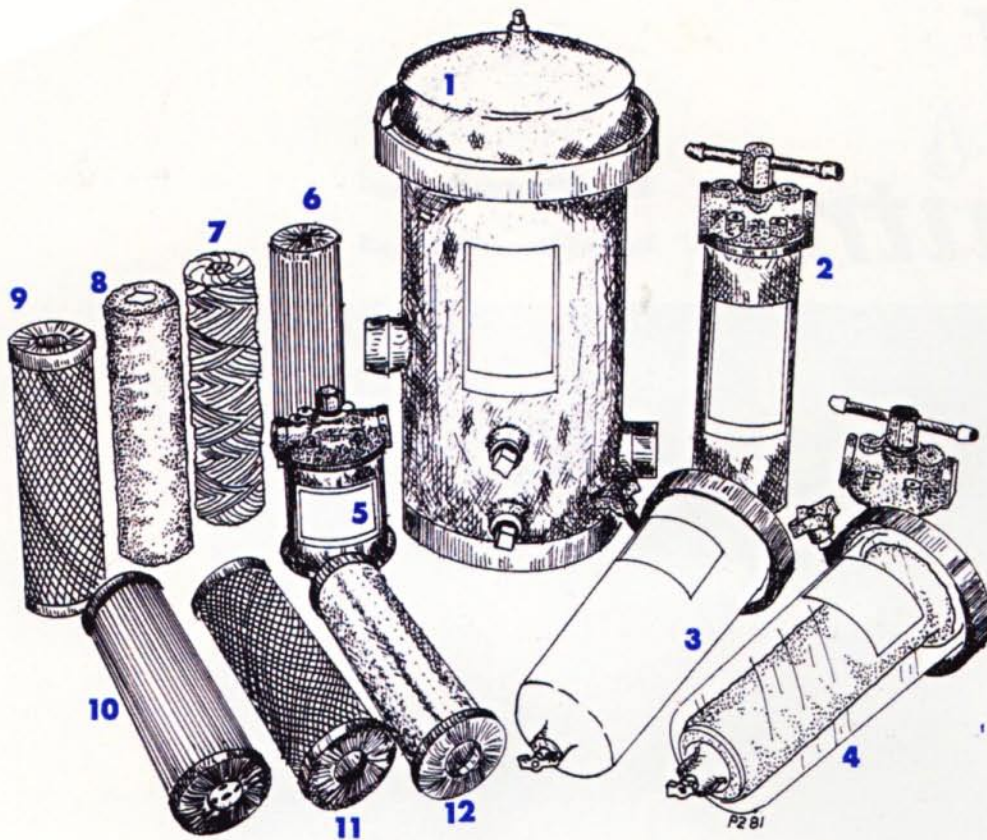
**EQUIPTEX CORPORATION** manufactures a comprehensive range of Filtration and Ultra Violet Purification Equipment to meet your exacting needs.

Our filters are made of rugged Stainless or durable Plastic body along with a wide range of “Clear-Flo” filter media to clean and improve water quality in your Home, Farm or Plant. We also filter in-Plant liquids and gases.



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KEY	MODEL	DESCRIPTIONS
<b>FILTER HOUSINGS</b>		
1	ST-4	Stainless Steel
2	ST-1	Stainless Steel
3	OP-1	White Plastic
4	CL-1	Clear Plastic
5	SM-1	Half Size Stainless
<b>FILTER CARTRIDGES (1)</b>		
6	PSS	Pleated S. S. Screen (2)
7	(1)	Wound - Dirt/Rust
8	P-5 or P-30	Spun Polypropylene
9	C-1 or C-2	Activated Charcoal
10	R-30	Pleated Polyester
11	S-1	Pleated Paper Resin impregnated
12	SSW	Stainless Wirecloth (2)
(1) Refer to Clear-Flo cartridge literature and designation chart.		
(2) Industrial/Commercial application.		

## CLEAR-FLO FILTER HOUSINGS

### TRUBLE-FREE PLASTIC

#### FILTER WITH S.S. BELLY-BAND CLAMP CLOSURES

- \*CL-1: Clear Lexan Bowl/White Clecon Head and Relief Valve
- \*OP-1: White Celcon Bowl/Red Celcon Head and Relief Valve

#### FILTERS WITH STANDARD THREADED HEAD

- TCL-1: Clear Bowl/Black Head – Standard Cartridge
- TOP-1: Off-White Bowl/Black Head – Standard Cartridge
- TOP-5: White Bowl/Black Head – 4 7/8 Cartridge
- TCL-2: Clear Bowl/Turquoise Head – 12" Cartridge
- TOP-2: Off-White Turquoise Head – 12" Cartridge

\* Drain Valve Optional

### STAINLESS STEEL

#### MODELS: SM-1, ST-1 & ST-2

High Quality – all S.S. filter housings. Sump is 304 Electro-Polished Stainless Steel – Head is forged bronze with a bright nickel plated finish. Ideal for indoor and outdoor locations where high pressure prevents the use of non-metallic filters.

#### MODELS: ST-4, ST-8, ST-12, ST-16 ST-5, ST-10, ST-15, ST-20 ST-12, ST-24, ST-36, ST-48

Special sizes are also available

Our finest quality – all 304 Electro-Polished Stainless Steel Filter Housings. Ideal for apartment buildings, schools, restaurants, hospitals, commercial, institutional and industrial locations.

1/2" Drains to Ease Cleaning with Stainless Steel Belly-Band Clamps for a simple Cartridge Change.

All "Clear-Flo" Filter Housings Accept Standard Length Cartridges.

Design Specifications are Subject to Change Without Notice.





## "CLEAR-FLO" POTABLE WATER FILTER CARTRIDGES

A comprehensive line of filter cartridges designed to provide sparkling clear water. EQUIPTEX "Clear-Flo" Filter Cartridges are manufactured in standard lengths of 4<sup>7</sup>/<sub>8</sub>", 5", 9<sup>3</sup>/<sub>4</sub>", 10" and 19<sup>7</sup>/<sub>8</sub>" — Special lengths are available. All materials used are FDA approved.

Our wide range of "Clear-Flo" filter cartridges cover your needs, and are available in two basic designs:

**C-1 HD**  
**C-2 HD**  
**C-1 STD**  
**C-2 STD**

### ACTIVATED CARBON TYPES - TASTE/ODOR/SEDIMENT—FOR COLD WATER USE ONLY

**ACTIVATED CARBON FILTER CARTRIDGES:** effectively remove objectionable chlorine taste, foul odors and much of the color and suspended matter visible in potable water. Filtered water is sparkling clean.

**C-1 HD, C-2 HD:** This Heavy/Duty 2<sup>3</sup>/<sub>4</sub>" O.D. Filter Cartridge has been made by a unique wet forming process which allows for dual filtration in a true-depth type construction. The pre-washed finely pulverized activated carbon assures visibly clean water and longer life filter cartridge rated at a nominal 10 micron, this is a superior cartridge. (Consult sectional view)

**C-1 STD, C-2 STD:** This Standard Duty 2<sup>1</sup>/<sub>4</sub>" O.D. Filter Cartridge is designed and manufactured to meet normal filtration requirements. This activated charcoal construction is equal to other cartridges available. This design allows for a nominal 20 micron filtration. C-1 9<sup>3</sup>/<sub>4</sub>" long, C-2 4<sup>7</sup>/<sub>8</sub>" long

**S-1**      **R-30**

### SEDIMENT REMOVAL TYPES

**DIRT/RUST FILTER CARTRIDGES:** provide for maximum filtration of solids such as sand, dirt, rust, silt and algae. This type of Filter Cartridge is designed and manufactured utilizing various methods and materials to assure optimum solid retention. All standard cartridges are 9<sup>3</sup>/<sub>4</sub>" long.

**S-1:** Resin impregnated pleated paper for use with Hot/Cold water rated at 200° F — nominal rating 20 micron. Offers two to three times the life of cellulose or string wound type cartridges. Flow rate 10 gpm with 2.4 psi pressure drop. Standard length 9<sup>3</sup>/<sub>4</sub>".

**R-30:** Pleated polyester cartridge with a polypropylene core at 30 micron nominal filtration. This cartridge can be re-washed and reused a number of times. In addition to water, it has excellent chemical resistance and it is a good choice for filtering paint, oil, chemicals, plating solutions, photographic solutions and other industrial fluids. Standard cartridge is 9<sup>3</sup>/<sub>4</sub>" long with 1" inner dia. and rated for 10 gpm at 2.5 psi pressure drop.

"CLEAR-FLOW" Cartridges are made of FDA approved fibers with **LOW EXTRACT** which is desirable in the following industries:

- |                   |                     |                  |                |
|-------------------|---------------------|------------------|----------------|
| • Chemical        | • Utilities         | • Pharmaceutical | • Photographic |
| • Food & Beverage | • Printed Circuit   | • Electronics    | • Paint & Ink  |
| • Plating         | • Consumer Products | • Petro-Chemical | • Oil          |





P-5



CS-1

## SEDIMENT REMOVAL TYPES (Continued)

**P-5:** Spun Polypropylene Fibers provides 5 micron (extra fine) filtration. Features depth type construction with polypropylene fibers becoming progressively denser from outer to inner diameter. Standard cartridge is 9<sup>3</sup>/<sub>4</sub>" long and rated for 10 gpm water flow. (P-30: 30 micron)

**CS-1:** Alpha Cellulose and man-made fibers which are heat bonded to a rigid porous polypropylene core (1" dia.) with a total diameter of 2<sup>3</sup>/<sub>4</sub>" of true depth filtration. The dual construction allows for maximum dirt holding capacity. The nominal 15-20 micron rating assures sparkling clear water (consult sectional view). Standard length 9<sup>3</sup>/<sub>4</sub>".



W-10

## WOUND FILTER CARTRIDGE TYPE

**W-10:** Yarn-Wound (string) Polypropylene or Bleached Cotton fiber wound on a 1" dia. polypropylene core, and is available in 2" to 3" diameter. Consult our price sheet and model designation chart for material of construction and available sizes.



View showing level-by-level construction of Wound Cartridge

## WOUND FILTER DESIGNATION CHART

The part number is completely descriptive of the cartridge filter. The chart below describes the various codes.

FILTER MEDIA	CODE	MICRON RATING	O.D.	CODE	LENGTH	CODE	CORE	CODE	CORE COVER	CODE	END TREATMENT	CODE
COTTON	C	1	2 <sup>1</sup> / <sub>4</sub> "	A	3"	3	POLYPROPYLENE	P	NONE	NO SYMBOL	NONE	NO SYMBOL
COTTON (UNBLEACHED)	CN	2			4"	4					CHEMICALLY PURE SODIUM SILICATE	S
POLYPROPYLENE	P	3	2"	B	5"	5			NONWOVEN FABRIC	N		
POLYPROPYLENE (SLIT FILM/NON LEACHING)	PF	5			6"	6	316 S.S.	S			ACETATE DISSOLVED IN ACETONE	A
RAYON (VISCOSE)	R	7	2 <sup>1</sup> / <sub>2</sub> "	C	9 <sup>1</sup> / <sub>2</sub> "	98	304 S.S.	A	WOVEN FABRIC	W		
JUTE	J	10			10"	10					BURN	B
GLASS	G	15	2 <sup>1</sup> / <sub>2</sub> "	D	12"	12	PHENOLIC	H	COVER COMPATIBLE AND EQUAL TO RESISTANCE OF FIBER AND MICRON RATING OF FILTER	C		
GLASS PURIFIED	GP	20			19 <sup>1</sup> / <sub>2</sub> "	195	NORYL	O			ORLON DISSOLVED IN DMF	O
CELLULOSE ACETATE	CA	25	3"	E	20"	20	TIN PLATED STEEL	T				
NYLON	N	30			29 <sup>1</sup> / <sub>2</sub> "	293						
MODACRYLIC	M	40		OTHERS AVAILABLE	30"	30						
NOMEX	NX	50			40"	40						
TEFLON	T	75										
		100										
		150										
		200										
		250										
		300										

### Selected Examples

EXAMPLE:

C I A I O S

COTTON MEDIA  
1 MICRON  
2<sup>1</sup>/<sub>4</sub>" DIAMETER  
10" LENGTH  
316 STAINLESS STEEL CORE

EXAMPLE:

P I O D 30 P

POLYPROPYLENE MEDIA  
10 MICRON  
2<sup>1</sup>/<sub>2</sub>" DIAMETER  
30" LENGTH  
POLYPROPYLENE CORE

EXAMPLE:

R 25 B 195 T C

RAYON  
25 MICRON  
2" DIAMETER  
19<sup>1</sup>/<sub>2</sub>" LENGTH  
TIN CORE  
CORE COVER

### PACKING

All Cartridges Are Individually Shrink Packed

5<sup>1</sup>/<sub>8</sub>" lengths \_\_\_\_\_ 60 per carton 10" lengths \_\_\_\_\_ 30 per carton 20" and 30" lengths \_\_\_\_\_ 15 per carton

Specifications are subject of change without notice.





**Unitra**   
**"CLEAR-FLO" Filters**



**ST-1 & ST-2**  
*Stainless Steel Filters*

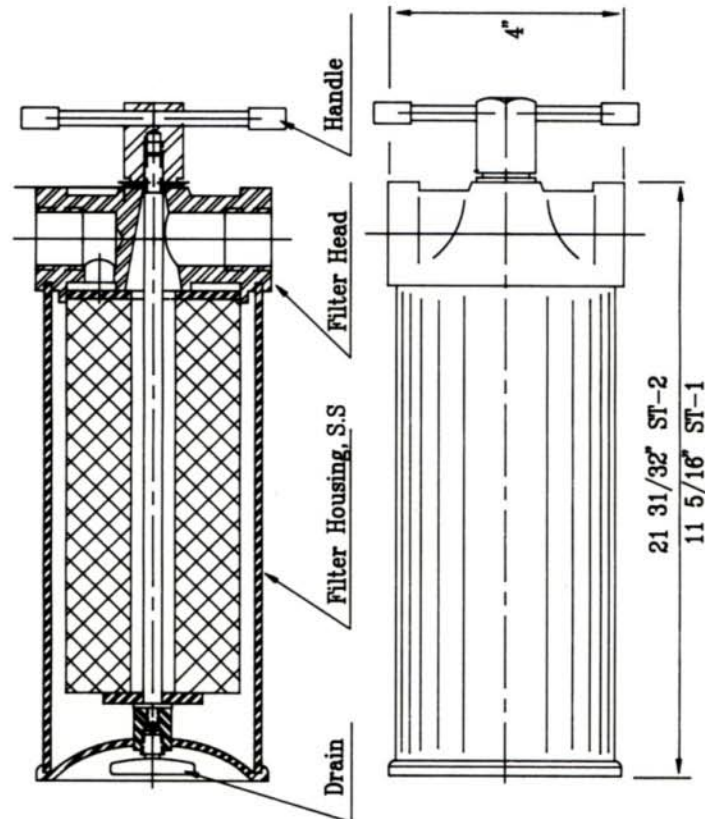


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# Unitra

## "CLEAR-FLO" Filters

ST-1, ST-2



### APPLICATION

- INDUSTRIAL, RESIDENTIAL, SCHOOL OR FARM USE
- FILTRATION OF SILT, TASTE ODOR OR SEDIMENT

### QUALITY FEATURES

- ACCEPTS COMPLETE RANGE OF FILTER MEDIA
- STAINLESS STEEL HOUSING
- ACCEPTS 9<sup>3</sup>/<sub>4</sub>" CARTRIDGES

### SPECIFICATIONS

MODEL	INLET/OUTLET*	NO. OF CARTRIDGES	FLOW-GPM		APPROX. SHIPPING LBS/KG.
			DIRT/RUST	TASTE/ODOR	
ST-1	1/4", 3/8"	1	6—10	3	6-2.7
ST-2	1/2" or 3/4" NPT	2	8—16	6	8-3.6

SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE



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Unitra   
"CLEAR-FLO" *Filters*



**ST-4, 8, 12 & 16**  
*Stainless Steel Filters*



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# Unitra

## "CLEAR-FLO" Filters

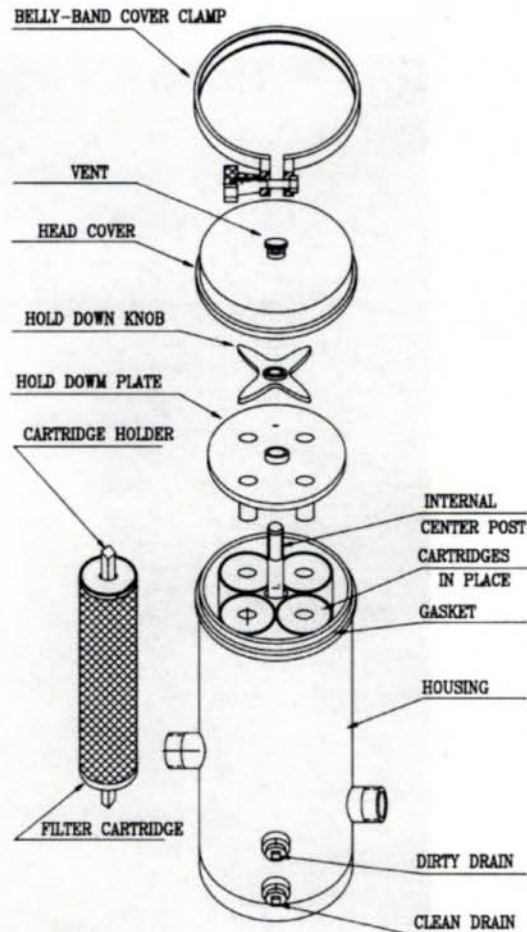
ST-4, ST-8, ST-12, ST-16

### APPLICATION

- INDUSTRIAL, RESIDENTIAL, SCHOOL OR FARM USE
- FILTRATION OF SILT, TASTE, ODOR OR SEDIMENT

### QUALITY FEATURES

- ACCEPTS COMPLETE RANGE OF FILTER MEDIA
- STAINLESS STEEL HOUSING
- MAXIMUM OPERATING PRESSURE 125 PSI
- MAXIMUM OPERATING TEMPERATURE 300 °F
- PIPE CONNECTIONS 2" MALE NPT IN & OUT
- 1/2" NPT DRAIN
- 1/4" VENT IN TOP
- ACCEPTS 93/4" CARTRIDGES



MODEL	FLOW CAPACITY GPM	DIMENSIONS		NUMBER OF CARTRIDGES	SHIPPING WEIGHT LBS.
		HEIGHT	DIAMETER		
ST-4	28	19 1/4"	10"	4	25
ST-8	56	29"	10"	8	31
ST-12	84	38 3/4"	10"	12	38
ST-16	112	48 1/2"	10"	16	45



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*Unitra*



Now improve water quality in your home

**“CLEAR-FLO”  
WATER  
FILTER**





# TROUBLE FREE

## Unique Stainless Steel Clamps for efficiency

Better Water for . . .



Drinking



Cooking



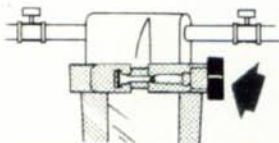
Bathing



Laundry

### *Easy* CARTRIDGE REPLACEMENT

1. Turn off main water supply valve or valves on pipes leading to the Facet Water Filter.
2. Before opening the filter housing, place a container under filter to catch water remaining in housing.
3. Open the drain valve at the bottom of the housing.



4. Release the screw clamp by turning the black knob counter clockwise (to the left). Loosen the clamp enough to clear the lip of the plastic body. Gently work the body loose.
5. Remove the dirty cartridge and rinse filter housing thoroughly. Close drain valve at the bottom of housing.
6. Insert new cartridge and reassemble. Check that "O" ring is seated solidly before tightening screw clamp.
7. Open water supply valve(s) slowly and check for leaks around "O" ring seal. Re-adjust the "O" ring if necessary.



**CL-1** Clear Filter with wound cartridge, swivel spout, and quick connect hose for self-installation in homes, boats and trailers.



# PLASTIC FILTERS

## Clamp or Threaded Closures and economy

### PRODUCT INFORMATION

#### Complete Filter Housings with Cartridge

"Clear-Flo" Water Filters are manufactured in various design features and capacities to cover a wide range of applications.

#### SERIES 6700 FILTERS

Clear Lexan Bowl and white Celcon head for cold water filtration, white Opaque Celcon Bowl and red Celcon Head for hot water filtration assure you of rugged top quality housings designed with Stainless Steel Belly-Band Clamp closures to assure Tool-Free cartridge changes. Pressure relief valves are standard. This Series is most suited for homes, boats, and commercial applications where space is important. It is recommended where frequent cartridge changes are necessary. A wall mounting S.S. bracket is included.

#### SERIES 7800 FILTERS

This functional design features superior threaded filter assembly which is competitively priced and is available to meet various applications.

#### APPLICATIONS:

All filter housings can be installed on the main incoming water line. They reduce scale build-up and filter potable water in homes, offices, household appliances, coin-operated machines, and boats. Larger filter housings are most suited where more capacity is required such as commercial applications.

Installation ahead of the hot water heater gives cleaner clothes and reduce solids deposited in the heater and pipes. Installation ahead of the lavatory reduces scale build-up and makes cleaning easier.

In addition to hot water and air filtration, Model 673765 can be used for filtration of some non-acidic solvents and difficult-to-handle liquids, including organic and inorganic acids, vegetable oils, hydrocarbons and alcohols. Fine filtration of a wide range of other fluids is possible. A wide range of filter cartridges are available to cover a variety of applications.



OP-1

CL-1 with charcoal filter cartridge



TOP-1  
TOP-2

Filter shown with optional swivel spout and quick connect hose for self-installation in homes, boats and trailers.



## PRODUCT INFORMATION

MODEL #	REF #	FILTER DIMENSIONS				OPERATING CONDITIONS				WEIGHT		MASTER PACKING		
		PIPING	DIA.METER	LENGTH	VOLUME	FLOW	CARTRIDGE SIZE	PRESSURE	TEMP.	NET	PACKED	QTY	L x W x H	WEIGHT

### 6700 SERIES—FILTERS WITH STAINLESS STEEL BELLY-BAND CLOSURES

Clear LEXAN Bowl/Opaque (White) CELCON Head with Built-In Relief Valve

		NPT				Gallons				Lbs.		Qty.	Inches		Lbs.
		Inches	Inches	Inches	Gallons	Gallons	Inches	PSI	°F	Lbs.	Lbs.		Inches	Lbs.	
CL-1	673764	3/4	5	13.50	.5	3-10	9 3/4	150	125	3	3.2	10	32x12x14	33	
CL-1A	672764	1/2	5	13.50	.5	3-10	9 3/4	150	125	3	3.2	10	32x12x14	33	
CL-2	673664	3/4	5	6.75	.2	1-5	9 3/4	150	125	1.6	1.7	20	32x12x14	34	
CL-2A	672664	1/2	5	6.75	.2	1-5	9 3/4	150	125	1.6	1.7	20	32x12x14	34	

		BSP				Liters				Kg.		Qty.	mm.		Kg.
		Inches	mm.	mm.	Liters	Liters	mm.	BAR	°C	Kg.	Kg.		mm.	Kg.	
CL-1M	673754	3/4	127	340	1.9	10-38	248	10.2	52	1.36	1.5	10	812x305x355	15	
CL-1MA	672754	1/2	127	340	1.9	10-38	248	10.2	52	1.36	1.5	10	812x305x355	15	
CL-2M	673654	3/4	127	170	1.0	5-19	248	10.2	52	.70	.75	20	812x305x355	7.5	
CL-2MA	672654	1/2	127	170	1.0	5-19	248	10.2	52	.70	.75	20	812x305x355	7.5	

Opaque (White) CELCON Bowl/Red CELCON Head with Built-In Relief Valve

		NPT				Gallons				Lbs.		Qty.	Inches		Lbs.
		Inches	Inches	Inches	Gallons	Gallons	Inches	PSI	°F	Lbs.	Lbs.		Inches	Lbs.	
OP-1	673765	3/4	5	13.50	.5	3-10	9 3/4	125	180	3	3.2	10	32x12x14	33	
OP-1A	672765	1/2	5	13.50	.5	3-10	9 3/4	125	180	3	3.2	10	32x12x14	33	
OP-2	673665	3/4	5	6.75	.2	1-5	9 3/4	125	180	1.6	1.7	20	32x12x14	34	
OP-2A	672665	1/2	5	6.75	.2	1-5	9 3/4	125	180	1.6	1.7	20	32x12x14	34	

		BSP				Liters				Kg.		QTY	mm.		Kg.
		Inches	mm.	mm.	Liters	Liters	mm.	BAR	°C	Kg.	Kg.		mm.	Kg.	
OP-1M	673755	3/4	127	340	1.9	10-38	248	8.5	82	1.36	1.5	10	812x305x355	15	
OP-1MA	672755	1/2	127	340	1.9	10-38	248	8.5	82	1.36	1.5	10	812x305x355	15	
OP-2M	673655	3/4	127	170	1.0	5-19	248	8.5	82	.70	.75	20	812x305x355	7.5	
OP-2MA	672655	1/2	127	170	1.0	5-19	248	8.5	82	.70	.75	20	812x305x355	7.5	

OP Filter Housings can be used to filter air @ a max. Press. of 75 PSIG (2.00 Kg./Cm<sup>2</sup>) and a max. Temp. of 220°F (100°C).

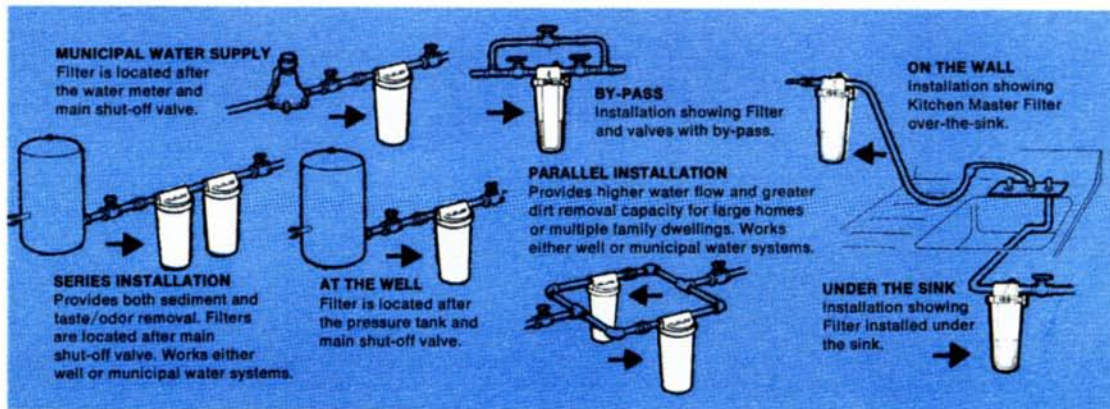
### 7800 SERIES—FILTERS WITH THREADED HEAD CLOSURES

Opaque (White) Bowl/Black Head with Built-In Relief Valve

		NPT				Gallon				Lbs.		Qty.	Inches		Lbs.
		Inches	Inches	Inches	Gallon	Gallons	Inches	PSI	°F	Lbs.	Lbs.		Inches	Lbs.	
TOP-1	786975	3/4	4.5	11 3/4	.4	3-10	9 3/4	125	100	2.6	3	6	14x12x12.5	26	
TOP-2	789675	3/4	6	14	.9	6-17	12	125	100	4.0	4.5	6	20x13x15	66	

Swivel Spout and Quick Connect hose assembly is available with all filter housings.  
Please add "KM" (Kitchen Master) to model number.

SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE



\* Note: Additional stop valve is installed on the other side of Filter to prevent gravity from draining upstairs piping during Filter Cartridge change.

