

4" SUBMERSIBLE PUMPS

1/2 HP TO 1-1/2 HP



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STA-RITE 4" SUBMERSIBLE PUMPS 1/2 HP TO 1-1/2 HP

The Signature 2000® pump design has been delivering dependable performance since 1990. Our floating stage design continues to handle even the most aggressive water with our SignaSeal™ system that breaks down debris and reduces locking. We've gone further by upstaging and adding additional features to the pumps you've grown to trust and rely on every day!

So what does this mean for you?

BETTER PERFORMANCE

With increased staging across much of our 1/2-1 1/2HP pumps, enjoy even greater performance receiving more depth and/or more flow than before with heads to 800 feet and flows up to 27 gallons.

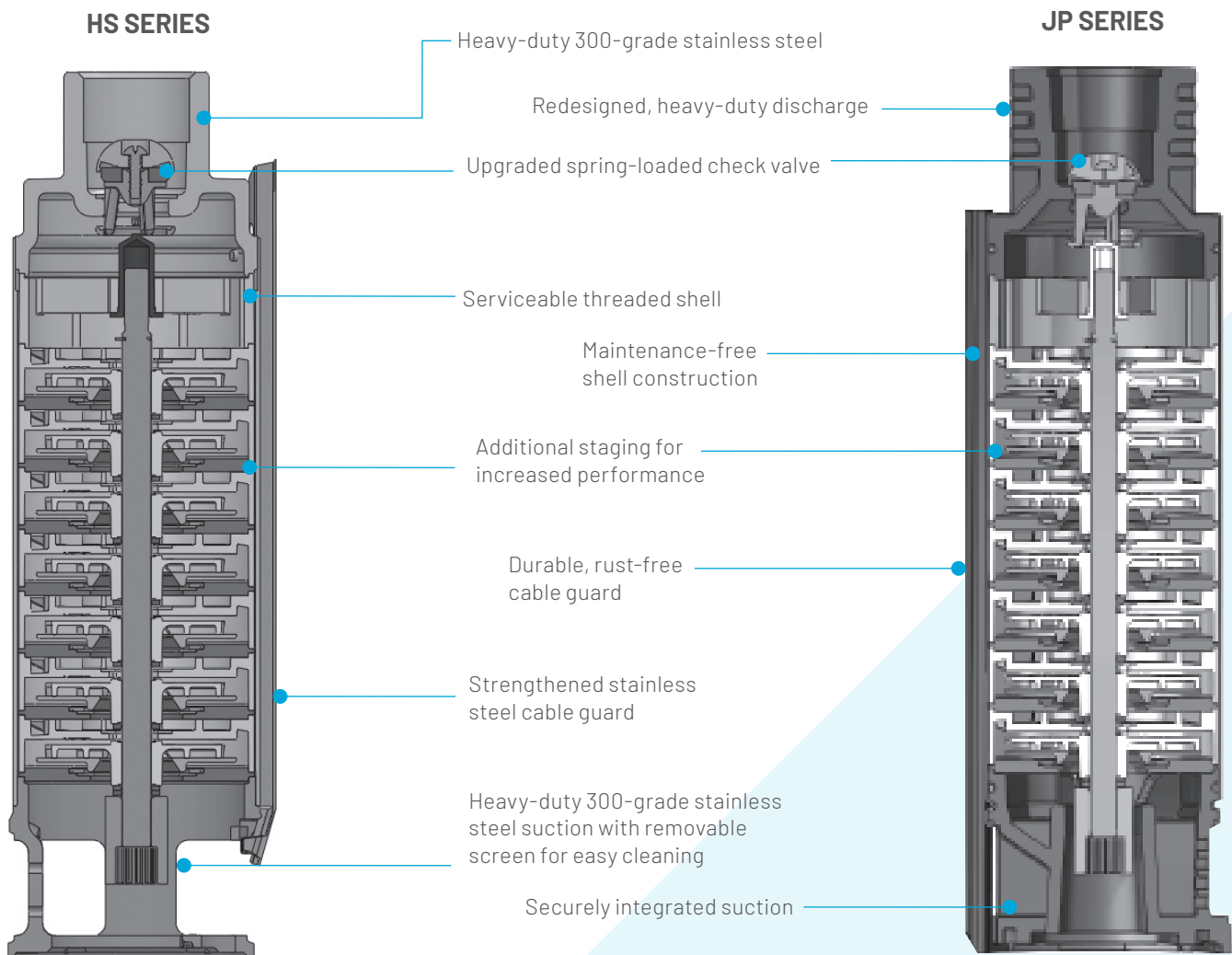
KEEP AHEAD OF THE CURVE

Our increased staging also gives you more than competitive pumps at like horsepower and rated flow. Reference this tool to show you how our pumps compare to the top competitors. Visit <https://www.pentair.com/pumps.html> to compare your pump.

RELIABILITY

With choices between stainless steel and super tough composite discharges that both include a spring-loaded check valve, we continue to deliver the reliable pumps our customers and the market expects.

PRODUCT IMPROVEMENTS



STA-RITE 4" SUBMERSIBLE PUMPS 1/2 HP TO 1-1/2 HP

APPLICATIONS

Water Supply for residential, industrial, commercial, multiple housing and farm use.

FEATURES (HS & JP)

Proven Staging System: Our proven SignaSeal staging system incorporates a harder-than-sand ceramic wear surface that when incorporated with our floating impeller design, greatly reduces problems with abrasives, sand lock-up and running dry.

Discharge Bearing: Self-lubricating Nylatron® bearing resists wear from sand.

Shaft: Positive drive from 7/16" hexagonal heavy-duty 300 grade stainless steel.

Coupling: Stainless steel press fit to pump shaft, which couples to all standard NEMA motors.

Shell: 300-grade, heavy-walled corrosion-resistant stainless steel.

Hardware: All screws, washers and nuts are corrosion-resistant 300 grade stainless steel.

Check Valve: Durable internal spring-loaded check valve.

Pentek® XE Series Motor: Our powerful, encapsulated submersible 2 and 3 wire motors drive all of our Sta-Rite pumps.



SPECIFICATIONS

	HS SERIES	JP SERIES
SUCTION/DISCHARGE		
Material	300-Grade Stainless Steel	Nylon 610 (Composite)
SCREEN		
Type	Serviceable	Integrated
Material	300-Grade Stainless Steel	Nylon 610
CABLE GUARD		
Material	300-Grade Stainless Steel	PVC
Attachment Method	2 screws - 300-Grade Stainless Steel and 2 hooks	2 screws - 300-Grade Stainless Steel and bottom inserts into suction slots
Screw Placement	Discharge/Shell area	Discharge/Shell area
SHELL		
Material	300-Grade Stainless Steel	300-Grade Stainless Steel
Construction Method	Threaded, left-handed threads	Sealed
Thickness	.065"	.032"
Serviceable	Yes	No

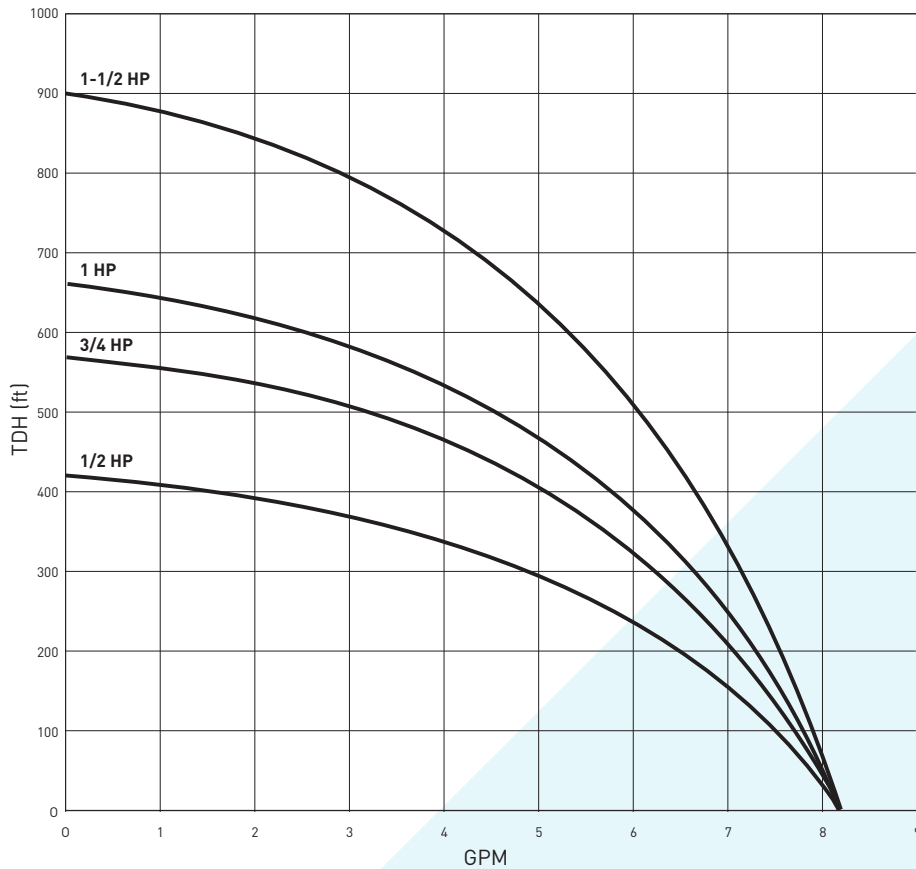
STA-RITE 4" SUBMERSIBLE PUMPS 1/2 HP TO 1-1/2 HP

5 GPM SUBMERSIBLE PUMPS

ORDERING INFORMATION

GPM	MOTOR TYPE	HP	STAGES	PH	VOLT	ASSEMBLED PUMP			PUMP END			MOTOR		DRIVE		CONTROL BOX					
						CAT. NO.	LENGTH (IN.)	WT. (LBS.)	CAT. NO.	LENGTH (IN.)	WT. (LBS.)	CAT. NO.	WT. (LBS.)	CAT. NO.	WT. (LBS.)	CAT. NO.	WT. (LBS.)				
HS SERIES																					
5	2 WIRE	1/2	14	1	115	S5P4HS05121	28	28	L5P4CHL	18	12	P42B0005A1-C	19	PID10	22						
		1/2	14	1	230	S5P4HS05221	28	28	L5P4CHL	18	12	P42B0005A2-C	19								
		3/4	19	1	230	S5P4HS07221	33	34	L5P4DHL	22	15	P42B0007A2-C	23								
		1	22	1	230	S5P4HS10221	37	39	L5P4EHL	26	17	P42B0010A2-C	25								
	3 WIRE	1/2	14	1	230	S5P4HS05231	28	28	L5P4CHL	18	12	P43B0005A2-C	18	PID10	22				SMC-CR0521	4	
		3/4	19	1	230	S5P4HS07231	33	34	L5P4DHL	22	15	P43B0007A2-C	21						SMC-CR0721	4	
		1	22	1	230	S5P4HS10231	38	39	L5P4EHL	26	17	P43B0010A2-C	23						SMC-CR1021	4	
		1 1/2	30	1	230	S5P4HS15231	46	48	L5P4FHL	32	21	P43B0015A2-C	27						PID20	SMC-CR1521	7
JP SERIES																					
5	2 WIRE	1/2	14	1	115	S5P4JP05121	28	28	L5P4CJL	18	12	P42B0005A1-C	19	PID10	22						
		1/2	14	1	230	S5P4JP05221	28	28	L5P4CJL	18	12	P42B0005A2-C	19								
		3/4	19	1	230	S5P4JP07221	33	34	L5P4DJL	22	15	P42B0007A2-C	23								
		1	22	1	230	S5P4JP10221	37	39	L5P4EJL	26	17	P42B0010A2-C	25								
	3 WIRE	1/2	14	1	230	S5P4JP05231	28	28	L5P4CJL	18	12	P43B0005A2-C	18	PID10	22					SMC-CR0521	4
		3/4	19	1	230	S5P4JP07231	33	34	L5P4DJL	22	15	P43B0007A2-C	21							SMC-CR0721	4
		1	22	1	230	S5P4JP10231	38	39	L5P4EJL	26	17	P43B0010A2-C	23							SMC-CR1021	4

PUMP PERFORMANCE



STA-RITE 4" SUBMERSIBLE PUMPS 1/2 HP TO 1-1/2 HP

PUMP PERFORMANCE CAPACITY IN GALLONS PER MINUTE

		5 GALLONS PER MINUTE																												SHUT-OFF HEAD										
HP	PSI	PUMPING DEPTH IN FEET																												FEET	PSI									
		0	20	40	60	80	100	120	140	160	180	200	220	240	260	280	300	320	340	360	380	400	450	500	550	600	650	700	750			800	850							
1/2	0	-	-	-	-	-	-	-	7.3	7.0	6.8	6.5	6.2	5.9	5.6	5.2	4.9	4.4	4.0	3.5	2.9	2.1	-	-	-	-	-	-	-	-	-	-	-	-	-	421	182			
	20	-	-	-	-	7.5	7.2	7.0	6.7	6.4	6.1	5.8	5.5	5.1	4.7	4.3	3.9	3.3	2.7	1.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
	30	-	-	-	7.4	7.2	6.9	6.6	6.4	6.1	5.7	5.4	5.1	4.7	4.2	3.8	3.2	2.5	1.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
	40	-	-	7.4	7.1	6.9	6.6	6.3	6.0	5.7	5.4	5.0	4.6	4.2	3.7	3.1	2.4	1.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
	50	-	7.4	7.1	6.8	6.6	6.3	6.0	5.6	5.3	4.9	4.5	4.1	3.6	3.0	2.3	1.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
	60	7.3	7.1	6.8	6.5	6.2	5.9	5.6	5.3	4.9	4.5	4.0	3.5	2.9	2.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	70	7.0	6.8	6.5	6.2	5.9	5.5	5.2	4.8	4.4	4.0	3.4	2.8	2.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	80	6.7	6.4	6.1	5.8	5.5	5.1	4.8	4.3	3.9	3.4	2.7	1.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
3/4	0	-	-	-	-	-	-	-	-	7.4	7.2	7.0	6.8	6.6	6.4	6.2	6.0	5.7	5.5	5.2	5.0	4.2	3.2	1.8	-	-	-	-	-	-	-	-	-	-	-	-	571	247		
	20	-	-	-	-	-	-	-	7.3	7.1	7.0	6.8	6.6	6.3	6.1	5.9	5.7	5.4	5.1	4.9	4.6	4.3	3.3	2.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	30	-	-	-	-	-	7.5	7.3	7.1	6.9	6.7	6.5	6.3	6.1	5.9	5.6	5.4	5.1	4.8	4.5	4.2	3.9	2.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	40	-	-	-	-	7.5	7.3	7.1	6.9	6.7	6.5	6.3	6.1	5.8	5.6	5.3	5.1	4.8	4.5	4.2	3.8	3.4	2.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	50	-	-	-	7.4	7.3	7.1	6.9	6.7	6.5	6.2	6.0	5.8	5.5	5.3	5.0	4.7	4.4	4.1	3.7	3.3	2.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	60	-	-	7.4	7.2	7.0	6.8	6.6	6.4	6.2	6.0	5.7	5.5	5.2	5.0	4.7	4.4	4.1	3.7	3.3	2.8	2.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	70	-	7.4	7.2	7.0	6.8	6.6	6.4	6.2	5.9	5.7	5.5	5.2	4.9	4.6	4.3	4.0	3.6	3.2	2.7	2.1	1.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	80	7.4	7.2	7.0	6.8	6.6	6.4	6.1	5.9	5.7	5.4	5.2	4.9	4.6	4.3	3.9	3.6	3.1	2.6	2.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1	0	-	-	-	-	-	-	-	-	-	7.5	7.3	7.1	7.0	6.8	6.6	6.4	6.3	6.1	5.9	5.7	5.1	4.5	3.8	2.8	1.2	-	-	-	-	-	-	-	-	-	-	661	286		
	20	-	-	-	-	-	-	-	7.4	7.3	7.1	6.9	6.7	6.6	6.4	6.2	6.0	5.8	5.6	5.4	5.2	4.5	3.8	2.9	1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	30	-	-	-	-	-	-	7.5	7.4	7.2	7.1	6.9	6.7	6.5	6.4	6.2	6.0	5.8	5.6	5.3	5.1	4.9	4.2	3.4	2.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	40	-	-	-	-	-	7.5	7.4	7.2	7.0	6.9	6.7	6.5	6.3	6.1	5.9	5.7	5.5	5.3	5.1	4.8	4.6	3.9	3.0	1.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	50	-	-	-	-	7.5	7.3	7.2	7.0	6.8	6.7	6.5	6.3	6.1	5.9	5.7	5.5	5.3	5.0	4.8	4.5	4.3	3.5	2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	60	-	-	-	7.5	7.3	7.2	7.0	6.8	6.6	6.5	6.3	6.1	5.9	5.7	5.5	5.2	5.0	4.8	4.5	4.2	3.9	3.1	1.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	70	-	-	7.4	7.3	7.1	7.0	6.8	6.6	6.4	6.2	6.1	5.9	5.6	5.4	5.2	5.0	4.7	4.5	4.2	3.9	3.6	2.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	80	-	7.4	7.3	7.1	6.9	6.8	6.6	6.4	6.2	6.0	5.8	5.6	5.4	5.2	4.9	4.7	4.4	4.1	3.8	3.5	3.1	1.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1 1/2	0	-	-	-	-	-	-	-	-	-	-	-	-	-	7.5	7.4	7.3	7.2	7.1	6.9	6.8	6.7	6.4	6.0	5.6	5.2	4.8	4.3	3.8	3.1	2.2	-	-	-	-	-	901	390		
	20	-	-	-	-	-	-	-	-	-	-	7.5	7.4	7.3	7.1	7.0	6.9	6.8	6.6	6.5	6.4	6.0	5.7	5.3	4.8	4.3	3.8	3.2	2.3	-	-	-	-	-	-	-	-	-		
	30	-	-	-	-	-	-	-	-	-	-	7.5	7.4	7.2	7.1	7.0	6.9	6.8	6.6	6.5	6.4	6.2	5.9	5.5	5.1	4.6	4.1	3.5	2.8	1.8	-	-	-	-	-	-	-	-	-	
	40	-	-	-	-	-	-	-	-	-	7.5	7.3	7.2	7.1	7.0	6.9	6.7	6.6	6.5	6.3	6.2	6.1	5.7	5.3	4.9	4.4	3.8	3.2	2.4	-	-	-	-	-	-	-	-	-	-	
	50	-	-	-	-	-	-	7.7	7.6	7.4	7.3	7.2	7.1	7.0	6.8	6.7	6.6	6.5	6.3	6.2	6.0	5.9	5.5	5.1	4.6	4.1	3.6	2.9	1.9	-	-	-	-	-	-	-	-	-	-	
	60	-	-	-	-	-	-	7.5	7.4	7.3	7.2	7.1	6.9	6.8	6.7	6.6	6.4	6.3	6.2	6.0	5.9	5.7	5.3	4.9	4.4	3.9	3.3	2.5	-	-	-	-	-	-	-	-	-	-	-	-
	70	-	-	-	-	-	7.5	7.4	7.3	7.2	7.1	6.9	6.8	6.7	6.5	6.4	6.3	6.1	6.0	5.8	5.7	5.5	5.1	4.7	4.2	3.6	2.9	2.0	-	-	-	-	-	-	-	-	-	-	-	-
	80	-	-	-	-	7.5	7.4	7.3	7.2	7.0	6.9	6.8	6.7	6.5	6.4	6.3	6.1	6.0	5.8	5.7	5.5	5.4	4.9	4.5	3.9	3.3	2.5	1.3	-	-	-	-	-	-	-	-	-	-	-	-

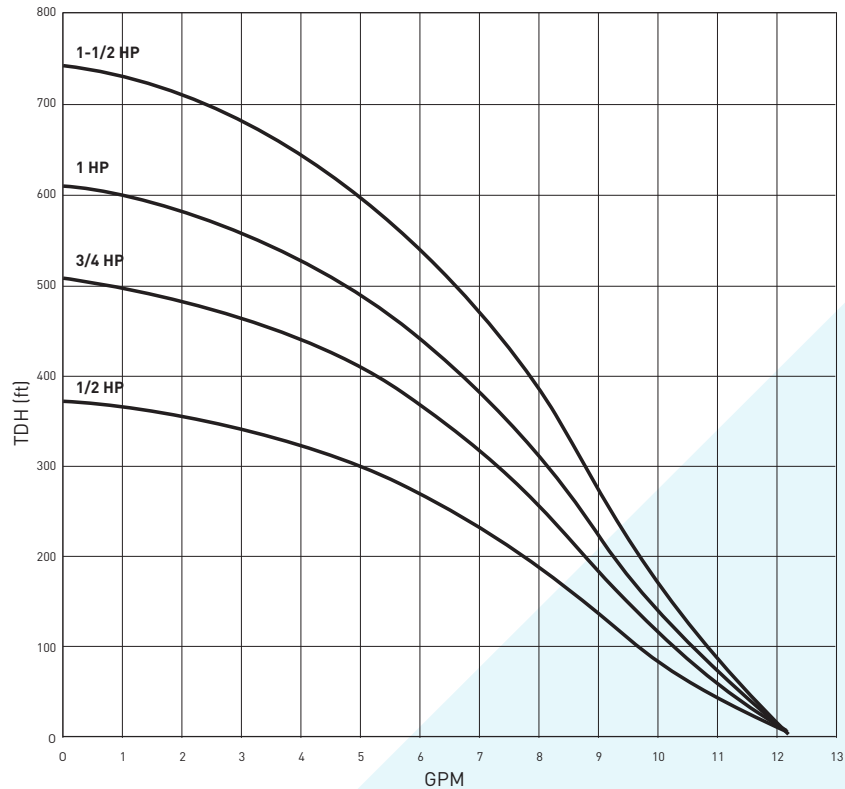
7 GPM SUBMERSIBLE PUMPS

ORDERING INFORMATION

GPM	MOTOR TYPE	HP	STAGES	PH	VOLT	ASSEMBLED PUMP			PUMP END			MOTOR		DRIVE		CONTROL BOX				
						CAT. NO.	LENGTH (IN.)	WT. (LBS.)	CAT. NO.	LENGTH (IN.)	WT. (LBS.)	CAT. NO.	WT. (LBS.)	CAT. NO.	WT. (LBS.)	CAT. NO.	WT. (LBS.)			
HS SERIES																				
7	2 WIRE	1/2	11	1	115	S7P4HS05121	26	27	L7P4CHL	16	11	P42B0005A1-C	19	PID10	22					
		1/2	11	1	230	S7P4HS05221	26	27	L7P4CHL	16	11	P42B0005A2-C	19							
		3/4	15	1	230	S7P4HS07221	30	32	L7P4DHL	19	13	P42B0007A2-C	23							
		1	18	1	230	S7P4HS10221	34	37	L7P4EHL	22	15	P42B0010A2-C	25							
	11/2	22	1	230	S7P4HS15221	43	47	L7P4FHL	28	17	P42B0015A2-C	29	PID20							
	3 WIRE	1/2	11	1	230	S7P4HS05231	26	27	L7P4CHL	16	11	P43B0005A2-C	19	PID10					SMC-CR0521	4
		3/4	15	1	230	S7P4HS07231	30	32	L7P4DHL	19	13	P43B0007A2-C	21						SMC-CR0721	4
		1	18	1	230	S7P4HS10231	34	37	L7P4EHL	22	15	P43B0010A2-C	23						SMC-CR1021	4
11/2		22	1	230	S7P4HS15231	42	47	L7P4FHL	28	17	P43B0015A2-C	27	PID20		SMC-CR1521	7				

JP SERIES																				
7	2 WIRE	1/2	11	1	115	S7P4JP05121	26	27	L7P4CJL	16	11	P42B0005A1-C	19	PID10	22					
		1/2	11	1	230	S7P4JP05221	26	27	L7P4CJL	16	11	P42B0005A2-C	19							
		3/4	15	1	230	S7P4JP07221	30	32	L7P4DJL	19	13	P42B0007A2-C	23							
		1	18	1	230	S7P4JP10221	34	37	L7P4EJL	22	15	P42B0010A2-C	25							
	11/2	22	1	230	S7P4JP15221	43	47	L7P4FJL	28	17	P42B0015A2-C	29	PID20							
	3 WIRE	1/2	11	1	230	S7P4JP05231	26	27	L7P4CJL	16	11	P43B0005A2-C	19	PID10					SMC-CR0521	4
		3/4	15	1	230	S7P4JP07231	30	32	L7P4DJL	19	13	P43B0007A2-C	21						SMC-CR0721	4
		1	18	1	230	S7P4JP10231	34	37	L7P4EJL	22	15	P43B0010A2-C	23						SMC-CR1021	4
11/2		22	1	230	S7P4JP15231	42	47	L7P4FJL	28	17	P43B0015A2-C	27	PID20		SMC-CR1521	7				

PUMP PERFORMANCE



STA-RITE 4" SUBMERSIBLE PUMPS 1/2 HP TO 1-1/2 HP

PUMP PERFORMANCE CAPACITY IN GALLONS PER MINUTE

7 GALLONS PER MINUTE																																
HP	PSI	PUMPING DEPTH IN FEET																										SHUT-OFF HEAD				
		0	20	40	60	80	100	120	140	160	180	200	220	240	260	280	300	320	340	360	380	400	450	500	550	600	650	700	FEET	PSI		
1/2	0	-	11.0	10.7	10.4	10.0	9.7	9.3	8.9	8.6	8.1	7.7	7.2	6.7	6.2	5.6	5.0	4.2	3.3	-	-	-	-	-	-	-	-	-	-	-	372	161
	20	10.6	10.3	9.9	9.6	9.2	8.8	8.4	8.0	7.6	7.1	6.6	6.0	5.4	4.7	3.9	2.9	-	-	-	-	-	-	-	-	-	-	-	-			
	30	10.2	9.9	9.5	9.2	8.8	8.4	7.9	7.5	7.0	6.5	5.9	5.3	4.6	3.8	2.7	-	-	-	-	-	-	-	-	-	-	-	-	-			
	40	9.8	9.5	9.1	8.7	8.3	7.9	7.4	6.9	6.4	5.9	5.2	4.5	3.7	2.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
	50	9.4	9.0	8.6	8.2	7.8	7.3	6.9	6.3	5.8	5.1	4.4	3.5	2.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
	60	9.0	8.6	8.2	7.7	7.3	6.8	6.2	5.7	5.0	4.3	3.3	2.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
	70	8.5	8.1	7.7	7.2	6.7	6.2	5.6	4.9	4.1	3.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
	80	8.0	7.6	7.1	6.6	6.1	5.5	4.8	4.0	3.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
3/4	0	-	-	10.9	10.6	10.4	10.2	9.9	9.6	9.4	9.1	8.8	8.5	8.2	7.9	7.6	7.2	6.9	6.5	6.1	5.7	5.2	3.8	-	-	-	-	-	-	507	220	
	20	10.8	10.6	10.3	10.1	9.8	9.6	9.3	9.0	8.7	8.4	8.1	7.8	7.5	7.1	6.8	6.4	6.0	5.5	5.0	4.5	3.9	-	-	-	-	-	-	-			
	30	10.5	10.3	10.0	9.8	9.5	9.2	9.0	8.7	8.4	8.1	7.8	7.4	7.1	6.7	6.3	5.9	5.5	5.0	4.4	3.8	3.0	-	-	-	-	-	-	-			
	40	10.2	10.0	9.7	9.5	9.2	8.9	8.6	8.3	8.0	7.7	7.4	7.0	6.6	6.3	5.8	5.4	4.9	4.3	3.7	2.9	-	-	-	-	-	-	-	-			
	50	10.0	9.7	9.4	9.2	8.9	8.6	8.3	8.0	7.7	7.3	7.0	6.6	6.2	5.8	5.3	4.8	4.2	3.6	2.8	-	-	-	-	-	-	-	-	-			
	60	9.7	9.4	9.1	8.8	8.5	8.2	7.9	7.6	7.3	6.9	6.5	6.1	5.7	5.2	4.7	4.1	3.5	2.6	-	-	-	-	-	-	-	-	-	-			
	70	9.4	9.1	8.8	8.5	8.2	7.9	7.6	7.2	6.8	6.5	6.1	5.6	5.2	4.6	4.0	3.3	2.5	-	-	-	-	-	-	-	-	-	-	-			
	80	9.0	8.8	8.5	8.2	7.8	7.5	7.2	6.8	6.4	6.0	5.6	5.1	4.5	3.9	3.2	2.3	-	-	-	-	-	-	-	-	-	-	-	-			
1	0	-	-	11.0	10.8	10.6	10.4	10.2	9.9	9.7	9.5	9.3	9.1	8.8	8.6	8.3	8.1	7.8	7.5	7.2	6.9	6.6	5.8	4.8	3.5	-	-	-	-	608	263	
	20	10.9	10.7	10.5	10.3	10.1	9.9	9.7	9.4	9.2	9.0	8.7	8.5	8.2	8.0	7.7	7.4	7.1	6.8	6.5	6.2	5.8	4.9	3.6	-	-	-	-	-			
	30	10.7	10.5	10.3	10.1	9.8	9.6	9.4	9.2	8.9	8.7	8.5	8.2	7.9	7.7	7.4	7.1	6.8	6.5	6.1	5.8	5.4	4.3	2.8	-	-	-	-	-			
	40	10.4	10.2	10.0	9.8	9.6	9.4	9.1	8.9	8.7	8.4	8.2	7.9	7.6	7.4	7.1	6.8	6.4	6.1	5.7	5.3	4.9	3.7	-	-	-	-	-	-			
	50	10.2	10.0	9.8	9.6	9.3	9.1	8.9	8.6	8.4	8.1	7.9	7.6	7.3	7.0	6.7	6.4	6.0	5.7	5.3	4.9	4.4	3.0	-	-	-	-	-	-			
	60	10.0	9.7	9.5	9.3	9.1	8.8	8.6	8.3	8.1	7.8	7.5	7.3	7.0	6.7	6.3	6.0	5.6	5.2	4.8	4.3	3.8	-	-	-	-	-	-	-			
	70	9.7	9.5	9.3	9.0	8.8	8.6	8.3	8.0	7.8	7.5	7.2	6.9	6.6	6.3	5.9	5.6	5.2	4.7	4.3	3.7	3.1	-	-	-	-	-	-	-			
	80	9.5	9.2	9.0	8.8	8.5	8.3	8.0	7.7	7.5	7.2	6.9	6.6	6.2	5.9	5.5	5.1	4.7	4.2	3.6	3.0	2.1	-	-	-	-	-	-	-			
1 1/2	0	-	-	11.0	10.9	10.7	10.5	10.4	10.2	10.0	9.9	9.7	9.5	9.3	9.1	8.9	8.8	8.6	8.3	8.1	7.9	7.7	7.1	6.5	5.8	5.0	4.0	2.7	-	744	322	
	20	11.0	10.8	10.7	10.5	10.3	10.2	10.0	9.8	9.6	9.5	9.3	9.1	8.9	8.7	8.5	8.3	8.1	7.9	7.6	7.4	7.2	6.5	5.8	5.0	4.1	2.8	-	-			
	30	10.8	10.6	10.5	10.3	10.1	10.0	9.8	9.6	9.4	9.2	9.1	8.9	8.7	8.5	8.3	8.0	7.8	7.6	7.4	7.1	6.9	6.2	5.5	4.6	3.5	-	-	-			
	40	10.6	10.4	10.3	10.1	9.9	9.8	9.6	9.4	9.2	9.0	8.8	8.6	8.4	8.2	8.0	7.8	7.6	7.3	7.1	6.8	6.6	5.9	5.1	4.2	2.9	-	-	-			
	50	10.4	10.2	10.1	9.9	9.7	9.6	9.4	9.2	9.0	8.8	8.6	8.4	8.2	8.0	7.8	7.5	7.3	7.1	6.8	6.5	6.3	5.5	4.7	3.6	2.1	-	-	-			
	60	10.2	10.1	9.9	9.7	9.5	9.3	9.2	9.0	8.8	8.6	8.4	8.2	7.9	7.7	7.5	7.3	7.0	6.8	6.5	6.2	5.9	5.2	4.2	3.0	-	-	-	-			
	70	10.0	9.9	9.7	9.5	9.3	9.1	8.9	8.7	8.5	8.3	8.1	7.9	7.7	7.5	7.2	7.0	6.7	6.5	6.2	5.9	5.6	4.8	3.7	2.3	-	-	-	-			
	80	9.8	9.6	9.5	9.3	9.1	8.9	8.7	8.5	8.3	8.1	7.9	7.6	7.4	7.2	6.9	6.7	6.4	6.1	5.9	5.5	5.2	4.3	3.1	-	-	-	-	-			

STA-RITE 4" SUBMERSIBLE PUMPS 1/2 HP TO 1-1/2 HP

10 GPM SUBMERSIBLE PUMPS

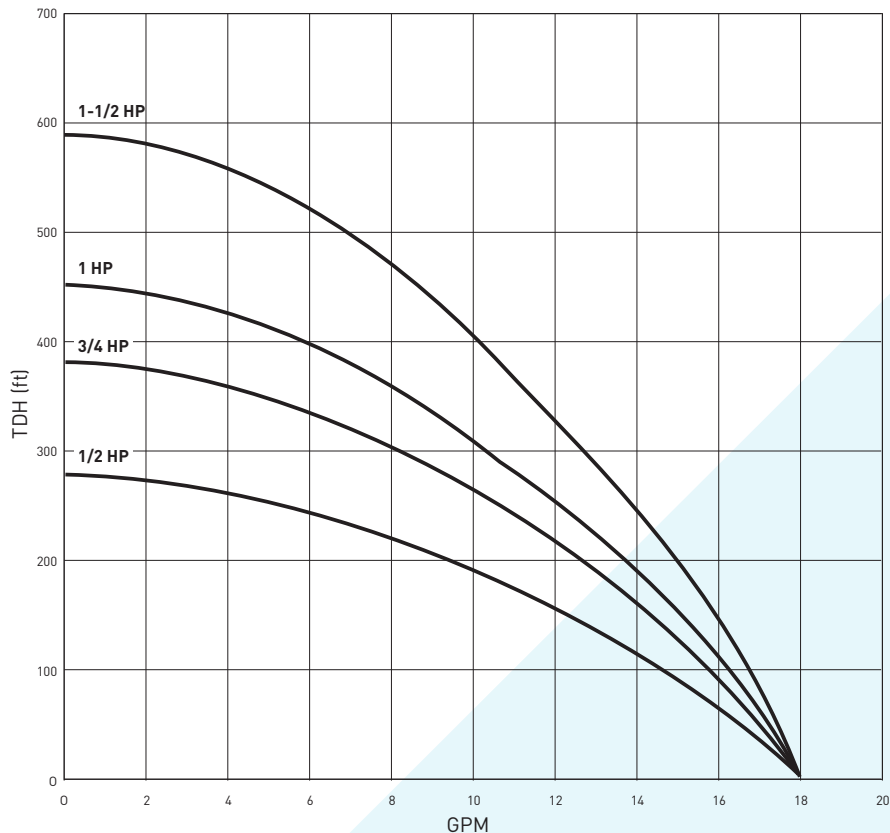
ORDERING INFORMATION

GPM	MOTOR TYPE	HP	STAGES	PH	VOLT	ASSEMBLED PUMP			PUMP END			MOTOR		DRIVE		CONTROL BOX		
						CAT. NO.	LENGTH (IN.)	WT. (LBS.)	CAT. NO.	LENGTH (IN.)	WT. (LBS.)	CAT. NO.	WT. (LBS.)	CAT. NO.	WT. (LBS.)	CAT. NO.	WT. (LBS.)	
HS SERIES																		
10	2 WIRE	1/2	8	1	115	S10P4HS05121	23	28	L10P4CH	13	9	P42B0005A1-C	19	PID10	22			
		1/2	8	1	230	S10P4HS05221	23	28	L10P4CH	13	9	P42B0005A2-C	19					
		3/4	11	1	230	S10P4HS07221	26	31	L10P4DH	15	10	P42B0007A2-C	23					
		1	13	1	230	S10P4HS10221	29	35	L10P4EH	17	11	P42B0010A2-C	25					
		1 1/2	17	1	230	S10P4HS15221	35	42	L10P4FH	20	12	P42B0015A2-C	29					
	3 WIRE	1/2	8	1	230	S10P4HS05231	23	28	L10P4CH	13	9	P43B0005A2-C	19	PID10	22		SMC-CR0521	4
		3/4	11	1	230	S10P4HS07231	26	31	L10P4DH	15	10	P43B0007A2-C	21					
		1	13	1	230	S10P4HS10231	29	35	L10P4EH	17	11	P43B0010A2-C	23					
		1 1/2	17	1	230	S10P4HS15231	34	42	L10P4FH	20	12	P43B0015A2-C	27	PID20			SMC-CR1521	7

JP SERIES

10	2 WIRE	1/2	8	1	115	S10P4JP05121	23	28	L10P4CJ	13	9	P42B0005A1-C	19	PID10	22			
		1/2	8	1	230	S10P4JP05221	23	28	L10P4CJ	13	9	P42B0005A2-C	19					
		3/4	11	1	230	S10P4JP07221	26	31	L10P4DJ	15	10	P42B0007A2-C	23					
		1	13	1	230	S10P4JP10221	29	35	L10P4EJ	17	11	P42B0010A2-C	25					
		1 1/2	17	1	230	S10P4JP15221	35	42	L10P4FJ	20	12	P42B0015A2-C	29					
	3 WIRE	1/2	8	1	230	S10P4JP05231	23	28	L10P4CJ	13	9	P43B0005A2-C	19	PID10	22		SMC-CR0521	4
		3/4	11	1	230	S10P4JP07231	26	31	L10P4DJ	15	10	P43B0007A2-C	21					
		1	13	1	230	S10P4JP10231	29	35	L10P4EJ	17	11	P43B0010A2-C	23					
		1 1/2	17	1	230	S10P4JP15231	34	42	L10P4FJ	20	12	P43B0015A2-C	27	PID20			SMC-CR1521	7

PUMP PERFORMANCE



STA-RITE 4" SUBMERSIBLE PUMPS 1/2 HP TO 1-1/2 HP

15 GPM SUBMERSIBLE PUMPS

ORDERING INFORMATION

GPM	MOTOR TYPE	HP	STAGES	PH	VOLT	ASSEMBLED PUMP			PUMP END			MOTOR		DRIVE		CONTROL BOX	
						CAT. NO.	LENGTH (IN.)	WT. (LBS.)	CAT. NO.	LENGTH (IN.)	WT. (LBS.)	CAT. NO.	WT. (LBS.)	CAT. NO.	WT. (LBS.)	CAT. NO.	WT. (LBS.)

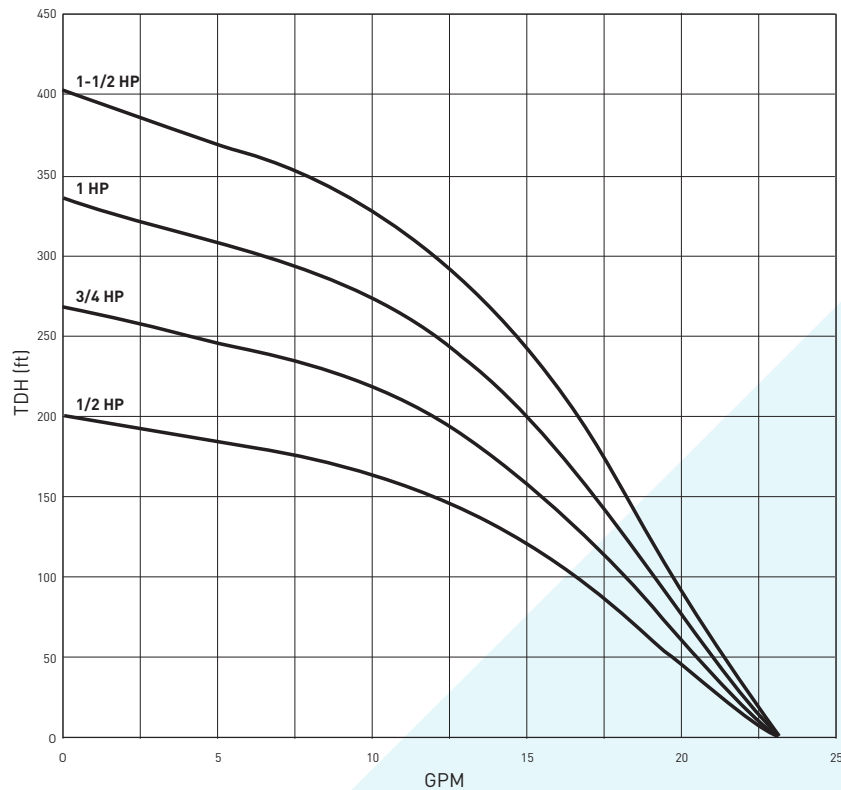
HS SERIES

15	2 WIRE	1/2	6	1	115	S15P4HS05121	23	27	L15P4CH	13	9	P42B0005A1-C	19	PID10	22			
		1/2	6	1	230	S15P4HS05221	23	27	L15P4CH	13	9	P42B0005A2-C	19					
		3/4	8	1	230	S15P4HS07221	26	31	L15P4DH	15	10	P42B0007A2-C	23					
		1	10	1	230	S15P4HS10221	30	35	L15P4EH	17	11	P42B0010A2-C	25					
		1 1/2	12	1	230	S15P4HS15221	36	43	L15P4FH	21	13	P42B0015A2-C	29					
	3 WIRE	1/2	6	1	230	S15P4HS05231	23	27	L15P4CH	13	9	P43B0005A2-C	19	PID10		SMC-CR0521	4	
		3/4	8	1	230	S15P4HS07231	26	31	L15P4DH	15	10	P43B0007A2-C	21			SMC-CR0721	4	
		1	10	1	230	S15P4HS10231	30	35	L15P4EH	17	11	P43B0010A2-C	23			SMC-CR1021	4	
		1 1/2	12	1	230	S15P4HS15231	34	41	L15P4FH	21	13	P43B0015A2-C	27			PID20	SMC-CR1521	7

JP SERIES

15	2 WIRE	1/2	6	1	115	S15P4JP05121	23	27	L15P4CJ	13	9	P42B0005A1-C	19	PID10	22			
		1/2	6	1	230	S15P4JP05221	23	27	L15P4CJ	13	9	P42B0005A2-C	19					
		3/4	8	1	230	S15P4JP07221	26	31	L15P4DJ	15	10	P42B0007A2-C	23					
		1	10	1	230	S15P4JP10221	30	35	L15P4EJ	17	11	P42B0010A2-C	25					
		1 1/2	12	1	230	S15P4JP15221	36	43	L15P4FJ	21	13	P42B0015A2-C	29					
	3 WIRE	1/2	6	1	230	S15P4JP05231	23	27	L15P4CJ	13	9	P43B0005A2-C	19	PID10		SMC-CR0521	4	
		3/4	8	1	230	S15P4JP07231	26	31	L15P4DJ	15	10	P43B0007A2-C	21			SMC-CR0721	4	
		1	10	1	230	S15P4JP10231	30	35	L15P4EJ	17	11	P43B0010A2-C	23			SMC-CR1021	4	
		1 1/2	12	1	230	S15P4JP15231	34	41	L15P4FJ	21	13	P43B0015A2-C	27			PID20	SMC-CR1521	7

PUMP PERFORMANCE



STA-RITE 4" SUBMERSIBLE PUMPS 1/2 HP TO 1-1/2 HP

PUMP PERFORMANCE CAPACITY IN GALLONS PER MINUTE

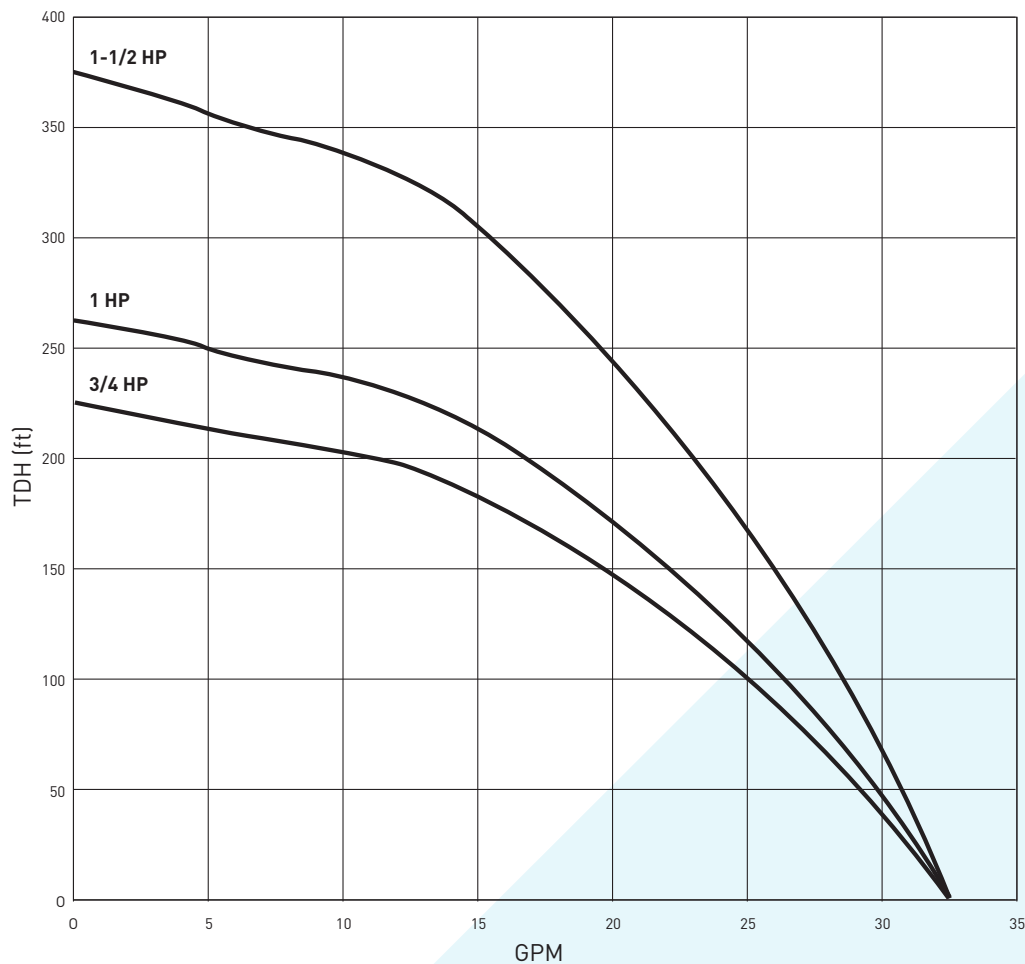
		15 GALLONS PER MINUTE																				SHUT-OFF HEAD		
HP	PSI	PUMPING DEPTH IN FEET																				FEET	PSI	
		0	20	40	60	80	100	120	140	160	180	200	220	240	260	280	300	320	340	360	380			400
1/2	0	-	-	20.5	19.2	17.8	16.3	14.7	12.8	10.5	7.5	-	-	-	-	-	-	-	-	-	-	-	201	87
	20	20.1	18.8	17.4	15.8	14.1	12.1	9.7	6.2	-	-	-	-	-	-	-	-	-	-	-	-	-		
	30	18.6	17.1	15.6	13.8	11.8	9.2	5.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	40	16.9	15.3	13.5	11.4	8.8	4.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	50	15.1	13.2	11.0	8.3	3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	60	12.9	10.7	7.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	70	10.3	7.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	80	6.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
3/4	0	-	-	-	20.2	19.2	18.2	17.1	15.9	14.7	13.3	11.7	9.8	7.5	3.6	-	-	-	-	-	-	-	269	116
	20	20.8	19.9	18.9	17.9	16.7	15.5	14.2	12.8	11.2	9.2	6.6	-	-	-	-	-	-	-	-	-	-		
	30	19.7	18.7	17.7	16.6	15.4	14.0	12.6	10.9	8.8	6.1	-	-	-	-	-	-	-	-	-	-	-		
	40	18.6	17.5	16.4	15.2	13.8	12.3	10.6	8.5	5.5	-	-	-	-	-	-	-	-	-	-	-	-		
	50	17.3	16.2	15.0	13.6	12.1	10.3	8.1	4.8	-	-	-	-	-	-	-	-	-	-	-	-	-		
	60	16.0	14.8	13.4	11.8	10.0	7.7	4.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	70	14.5	13.1	11.5	9.7	7.3	3.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	80	12.9	11.3	9.3	6.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1	0	-	-	-	-	20.4	19.6	18.7	17.8	16.9	15.9	14.8	13.6	12.3	10.9	9.3	7.3	4.5	-	-	-	-	336	145
	20	-	21.0	20.2	19.3	18.5	17.5	16.6	15.5	14.4	13.2	11.9	10.4	8.7	6.6	3.2	-	-	-	-	-	-		
	30	20.9	20.1	19.2	18.3	17.4	16.4	15.4	14.3	13.0	11.7	10.2	8.4	6.2	2.4	-	-	-	-	-	-	-		
	40	19.9	19.1	18.2	17.3	16.3	15.2	14.1	12.8	11.5	9.9	8.1	5.7	-	-	-	-	-	-	-	-	-		
	50	18.9	18.0	17.1	16.1	15.0	13.9	12.6	11.3	9.7	7.8	5.3	-	-	-	-	-	-	-	-	-	-		
	60	17.9	17.0	15.9	14.9	13.7	12.4	11.0	9.4	7.5	4.8	-	-	-	-	-	-	-	-	-	-	-		
	70	16.8	15.8	14.7	13.5	12.2	10.8	9.1	7.1	4.2	-	-	-	-	-	-	-	-	-	-	-	-		
	80	15.6	14.5	13.3	12.0	10.6	8.8	6.7	3.6	-	-	-	-	-	-	-	-	-	-	-	-	-		
1 1/2	0	-	-	-	-	20.5	19.9	19.2	18.5	17.8	17.1	16.3	15.5	14.7	13.7	12.8	11.7	10.5	9.1	7.5	5.3	-	403	174
	20	-	20.9	20.3	19.7	19.0	18.3	17.6	16.9	16.1	15.3	14.4	13.4	12.4	11.3	10.1	8.7	6.9	4.3	-	-	-		
	30	20.8	20.2	19.6	18.9	18.2	17.5	16.7	16.0	15.1	14.2	13.3	12.3	11.2	9.9	8.4	6.6	3.8	-	-	-	-		
	40	20.1	19.5	18.8	18.1	17.4	16.6	15.8	15.0	14.1	13.1	12.1	11.0	9.7	8.2	6.2	3.0	-	-	-	-	-		
	50	19.4	18.7	18.0	17.3	16.5	15.7	14.9	14.0	13.0	11.9	10.8	9.5	7.9	5.9	1.8	-	-	-	-	-	-		
	60	18.6	17.9	17.1	16.4	15.6	14.7	13.8	12.8	11.8	10.6	9.2	7.6	5.5	-	-	-	-	-	-	-	-		
	70	17.8	17.0	16.3	15.4	14.6	13.7	12.7	11.6	10.4	9.0	7.3	5.1	-	-	-	-	-	-	-	-	-		
	80	16.9	16.1	15.3	14.4	13.5	12.5	11.4	10.2	8.8	7.0	4.6	-	-	-	-	-	-	-	-	-	-		

20 GPM SUBMERSIBLE PUMPS

ORDERING INFORMATION

GPM	MOTOR TYPE	HP	STAGES	PH	VOLT	ASSEMBLED PUMP			PUMP END			MOTOR		DRIVE		CONTROL BOX		
						CAT. NO.	LENGTH (IN.)	WT. (LBS.)	CAT. NO.	LENGTH (IN.)	WT. (LBS.)	CAT. NO.	WT. (LBS.)	CAT. NO.	WT. (LBS.)	CAT. NO.	WT. (LBS.)	
HS SERIES																		
20	2 WIRE	3/4	6	1	230	S20P4HS07221	24	30	L20P4DH	13	9	P42B0007A2-C	23	PID10	22			
		1	7	1	230	S20P4HS10221	28	34	L20P4EH	15	10	P42B0010A2-C	25					
		1 1/2	10	1	230	S20P4HS15221	32	39	L20P4FH	17	11	P42B0015A2-C	29					
	3 WIRE	3/4	6	1	230	S20P4HS07231	24	30	L20P4DH	13	9	P43B0007A2-C	23	PID10				
		1	7	1	230	S20P4HS10231	28	34	L20P4EH	15	10	P43B0010A2-C	25					
		1 1/2	10	1	230	S20P4HS15231	31	39	L20P4FH	17	11	P43B0015A2-C	29					
JP SERIES																		
20	2 WIRE	3/4	6	1	230	S20P4JP07221	24	30	L20P4DJ	13	9	P42B0007A2-C	23	PID10	22			
		1	7	1	230	S20P4JP10221	28	34	L20P4EJ	15	10	P42B0010A2-C	25					
		1 1/2	10	1	230	S20P4JP15221	32	39	L20P4FJ	17	11	P42B0015A2-C	29					
	3 WIRE	3/4	6	1	230	S20P4JP07231	24	30	L20P4DJ	13	9	P43B0007A2-C	23	PID10				
		1	7	1	230	S20P4JP10231	28	34	L20P4EJ	15	10	P43B0010A2-C	25					
		1 1/2	10	1	230	S20P4JP15231	31	39	L20P4FJ	17	11	P43B0015A2-C	29					

PUMP PERFORMANCE



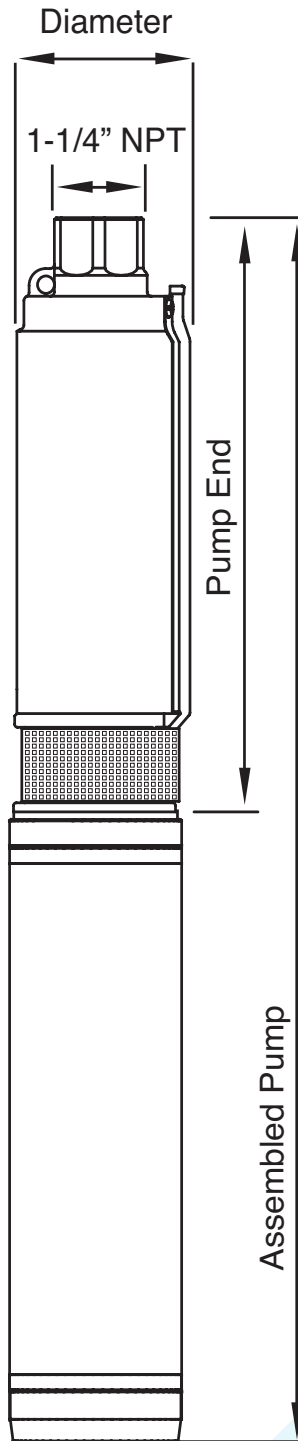
STA-RITE 4" SUBMERSIBLE PUMPS 1/2 HP TO 1-1/2 HP

PUMP PERFORMANCE CAPACITY IN GALLONS PER MINUTE

		20 GALLONS PER MINUTE																							SHUT-OFF HEAD	
HP	PSI	PUMPING DEPTH IN FEET																				FEET	PSI			
		0	20	40	60	80	100	120	140	160	180	200	220	240	260	280	300	320	340	360	380			400		
3/4	0	-	-	-	-	26.9	25.0	23.0	20.7	18.1	15.1	11.3	4.9	-	-	-	-	-	-	-	-	-	-	-	225	97
	20	-	-	26.3	24.4	22.3	19.9	17.3	14.1	9.8	-	-	-	-	-	-	-	-	-	-	-	-	-			
	30	27.9	26.1	24.1	21.9	19.6	16.8	13.5	9.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
	40	25.8	23.8	21.6	19.2	16.4	12.9	8.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
	50	23.4	21.2	18.8	15.9	12.3	7.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
	60	20.9	18.3	15.4	11.6	5.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
	70	17.9	14.9	10.9	3.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
	80	14.3	10.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
1	0	-	-	-	-	27.9	26.4	24.7	23.0	21.0	18.9	16.5	13.6	10.0	2.8	-	-	-	-	-	-	-	-	262	114	
	20	-	-	27.5	25.9	24.2	22.4	20.4	18.2	15.7	12.6	8.5	-	-	-	-	-	-	-	-	-	-	-			
	30	-	27.2	25.6	23.9	22.1	20.1	17.8	15.2	12.1	7.6	-	-	-	-	-	-	-	-	-	-	-	-			
	40	27.0	25.4	23.7	21.8	19.7	17.5	14.8	11.5	6.6	-	-	-	-	-	-	-	-	-	-	-	-	-			
	50	25.1	23.4	21.5	19.4	17.1	14.3	10.9	5.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
	60	23.1	21.2	19.1	16.7	13.9	10.3	3.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
	70	20.9	18.7	16.3	13.4	9.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
	80	18.4	15.9	12.9	8.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
1 1/2	0	-	-	-	-	-	27.9	26.8	25.6	24.4	23.1	21.7	20.2	18.6	16.9	15.0	12.7	10.0	6.1	-	-	-	-	375	162	
	20	-	-	-	-	27.5	26.4	25.2	24.0	22.6	21.3	19.8	18.1	16.3	14.3	12.0	9.0	4.1	-	-	-	-	-			
	30	-	-	-	27.4	26.2	25.0	23.8	22.4	21.0	19.5	17.9	16.0	14.0	11.6	8.4	2.6	-	-	-	-	-	-			
	40	-	-	27.2	26.0	24.8	23.6	22.2	20.8	19.3	17.6	15.7	13.6	11.1	7.8	-	-	-	-	-	-	-	-			
	50	-	27.0	25.8	24.6	23.4	22.0	20.6	19.0	17.3	15.4	13.3	10.7	7.2	-	-	-	-	-	-	-	-	-			
	60	26.8	25.7	24.4	23.2	21.8	20.3	18.8	17.0	15.1	12.9	10.2	6.5	-	-	-	-	-	-	-	-	-	-			
	70	25.5	24.2	23.0	21.6	20.1	18.5	16.8	14.8	12.5	9.7	5.6	-	-	-	-	-	-	-	-	-	-	-			
	80	24.1	22.7	21.4	19.9	18.2	16.5	14.5	12.2	9.2	4.7	-	-	-	-	-	-	-	-	-	-	-	-			

OUTLINE DIMENSIONS

DIAMETER (IN INCHES)	
5, 7 GPM	3-3/4
10, 15, 20 GPM	3-7/8



For lengths, refer to Ordering Information tables.
 Dimensions (in inches) are for estimating purposes only.



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