

Predator Plus Series

4" Submersible Pumps



Precision-engineered, high-quality, rugged pumps deliver efficient, dependable performance even in rough, aggressive water. Heads to 1,950 feet and capacities to 65 GPM. Built to deliver long-term, trouble-free service. Floating impeller design resists sand and reduces sand locking. These pumps feature the proven SignaSeal™ staging system..

APPLICATIONS

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

SPECIFICATIONS

Shell: Stainless steel

Diameter: 3-7/8"

Discharge: Stainless steel

Discharge Bearing: Nylatron®

Intermediate Bearing: (On larger units) polycarbonate, nitrile rubber and stainless steel

Impellers: Acetal

Diffusers: Polycarbonate

Suction Caps: Polycarbonate with stainless steel insert

Thrust Pads: Proprietary spec.

Shaft and Coupling: Stainless steel

Intake: Stainless steel

Intake Screen: Polypropylene

Cable Guard: Stainless steel

Check Valve: Acetal†

Agency Listings: CSA

FEATURES

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: Corrosion-resistant 300 grade stainless steel for durability in aggressive water. Large octagon wrench area for ease of installation.

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

Intake: Corrosion-resistant 300 grade stainless steel for durability in aggressive water.

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

Coupling: Stainless steel press fit to pump shaft. Couples to all standard NEMA motors.

Shell: Highest grade, heavy-walled corrosion-resistant stainless steel. Threaded for easy servicing.

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

Check Valve†: Durable internal spring-loaded check valve.

Cable Guard: Corrosion-resistant stainless steel guard protects motor leads. Tapered ends prevent pump from catching on well.

Intake Screen: Corrosion-proof.

Pentek® XE Series™ Motor: 2 and 3 wire NEMA standard all stainless construction water-filled motors.

POWERED BY
PENTEK®



ORDERING INFORMATION

GPM	MOTOR TYPE	HP	STGS.	PH†	VOLT	ASSEMBLED PUMP			PUMP END			MOTOR		CONTROL BOX	
						CATALOG NUMBER	LENGTH IN.*	WEIGHT LBS.*	CATALOG NUMBER	LENGTH IN.*	WEIGHT LBS.*	CATALOG NUMBER	WEIGHT LBS.*	CATALOG NUMBER	WEIGHT LBS.*
5	2 WIRE	1/2	14	1	115	2ST51-5PLUS-P4	28	28	ST5-5PLUS	18	12	P42B0005A1	19		
		1/2	14	1	230	2ST52-5PLUS-P4	28	28	ST5-5PLUS	18	12	P42B0005A2	19		
		3/4	19	1	230	2ST72-5PLUS-P4	33	34	ST7-5PLUS	22	15	P42B0007A2	23		
		1	22	1	230	2ST102-5PLUS-P4	37	39	ST10-5PLUS	26	17	P42B0010A2	25		
		1-1/2	30	1	230	2ST152-5PLUS-P4	47	51	ST15-5PLUS	32	21	P42B0015A2	29		
	3 WIRE	1/2	13	1	115	3ST51-5PLUS-P4	27-1/2	28	ST5-5PLUS	18	12	P43B0005A1	19	SMC-IR0511	4
		1/2	14	1	230	3ST52-5PLUS-P4	28	28	ST5-5PLUS	18	12	P43B0005A2	18	SMC-CR0521	4
		3/4	19	1	230	3ST72-5PLUS-P4	33	34	ST7-5PLUS	22	15	P43B0007A2	21	SMC-CR0721	4
		1	22	1	230	3ST102-5PLUS-P4	38	39	ST10-5PLUS	26	17	P43B0010A2	23	SMC-CR1021	4
		1-1/2	30	1	230	3ST152-5PLUS-P4	46	48	ST15-5PLUS	32	21	P43B0015A2	27	SMC-CR1521	7
		1-1/2	30	3	230				ST15-5PLUS	32	21	P43B0015A3	23		
		1-1/2	30	3	460				ST15-5PLUS	32	21	P43B0015A4	23		
		2	38	1	230				ST20-5PLUS	37-3/4	25	P43B0020A2	31	SMC-CR2021	7
		2	38	3	230				ST20-5PLUS	37-3/4	25	P43B0020A3	23		
		2	38	3	460				ST20-5PLUS	37-3/4	25	P43B0020A4	23		
7/8	2 WIRE	1/2	11	1	115	2ST51-8PLUS-P4	26	27	ST5-8PLUS	16	11	P42B0005A1	19		
		1/2	11	1	230	2ST52-8PLUS-P4	26	27	ST5-8PLUS	16	11	P42B0005A2	19		
		3/4	15	1	230	2ST72-8PLUS-P4	30	32	ST7-8PLUS	19	13	P42B0007A2	23		
		1	18	1	230	2ST102-8PLUS-P4	34	37	ST10-8PLUS	22	15	P42B0010A2	25		
		1-1/2	22	1	230	2ST152-8PLUS-P4	43	47	ST15-8PLUS	28	17	P42B0015A2	29		
	3 WIRE	1/2	10	1	115	3ST51-8PLUS-P4	25-1/2	27	ST5-8PLUS	16	11	P43B0005A1	19	SMC-IR0511	4
		1/2	11	1	230	3ST52-8PLUS-P4	26	27	ST5-8PLUS	16	11	P43B0005A2	18	SMC-CR0521	4
		3/4	15	1	230	3ST72-8PLUS-P4	30	32	ST7-8PLUS	19	13	P43B0007A2	21	SMC-CR0721	4
		1	18	1	230	3ST102-8PLUS-P4	34	37	ST10-8PLUS	22	15	P43B0010A2	23	SMC-CR1021	4
		1-1/2	22	1	230	3ST152-8PLUS-P4	42	44	ST15-8PLUS	28	17	P43B0015A2	27	SMC-CR1521	7
		1-1/2	22	3	230				ST15-8PLUS	27-1/4	17	P43B0015A3	23		
		1-1/2	22	3	460				ST15-8PLUS	27-1/4	17	P43B0015A4	23		
		2	28	1	230				ST20-8PLUS	32-1/2	20	P43B0020A2	31	SMC-CR2021	7
		2	28	3	230				ST20-8PLUS	32-1/2	20	P43B0020A3	27		
		2	28	3	460				ST20-8PLUS	32-1/2	20	P43B0020A4	27		
		3	36	1	230				ST30-8PLUS	39-1/2	24	P43B0030A2	37	SMC-CR3021	8
		3	36	3	230				ST30-8PLUS	39-1/2	24	P43B0030A3	37		
		3	36	3	460				ST30-8PLUS	39-1/2	24	P43B0030A4	37		

†For all Pentek XE series three-phase motor options, see page 65.

*Length and Weight are approximate.

TrimLine™ version maximum outside diameter is 3-3/4". Standard version maximum outside diameter is 3-7/8".

NOTE: Motor, Control Box or Magnetic Starter must be ordered separately, if ordering pump end only. Discharge NPT is 1-1/4".

ORDERING INFORMATION

GPM	MOTOR TYPE	HP	STGS.	PH†	VOLT	ASSEMBLED PUMP			PUMP END			MOTOR		CONTROL BOX	
						CATALOG NUMBER	LENGTH INCHES*	WEIGHT POUNDS*	CATALOG NUMBER	LENGTH INCHES*	WEIGHT POUNDS*	CATALOG NUMBER	WEIGHT POUNDS*	CATALOG NUMBER	WEIGHT POUNDS*
10/12**	2 WIRE	1/2	8	1	115	2ST51-12PLUS-P4	23	28	ST5-12PLUS	13	9	P42B0005A1	19		
		1/2	8	1	230	2ST52-12PLUS-P4	23	28	ST5-12PLUS	13	9	P42B0005A2	19		
		3/4	11	1	230	2ST72-12PLUS-P4	26	31	ST7-12PLUS	15	10	P42B0007A2	23		
		1	13	1	230	2ST102-12PLUS-P4	29	35	ST10-12PLUS	17	11	P42B0010A2	25		
		1-1/2	17	1	230	2ST152-12PLUS-P4	35	42	ST15-12PLUS	20	12	P42B0015A2	29		
	3 WIRE	1/2	7	1	115	3ST51-12PLUS-P4	22-3/4	27-1/2	ST5-12PLUS	12-3/4	9	P43B0005A1	19	SMC-IR0511	4
		1/2	8	1	230	3ST52-12PLUS-P4	23	28	ST5-12PLUS	13	9	P43B0005A2	19	SMC-CR0521	4
		3/4	11	1	230	3ST72-12PLUS-P4	26	31	ST7-12PLUS	15	10	P43B0007A2	21	SMC-CR0721	4
		1	13	1	230	3ST102-12PLUS-P4	29	35	ST10-12PLUS	17	11	P43B0010A2	23	SMC-CR1021	4
		1-1/2	17	1	230	3ST152-12PLUS-P4	34	42	ST15-12PLUS	20	12	P43B0015A2	27	SMC-CR1521	7
		1-1/2	17	3	230				ST15-12PLUS	19-3/4	12-1/2	P43B0015A3	23		
		1-1/2	17	3	460				ST15-12PLUS	19-3/4	12-1/2	P43B0015A4	23		
		2	22	1	230				ST20-12PLUS	22	13-3/4	P43B0020A2	31	SMC-CR2021	7
		2	22	3	230				ST20-12PLUS	22	13-3/4	P43B0020A3	23		
		2	22	3	460				ST20-12PLUS	22	13-3/4	P43B0020A4	23		
		3	30	1	230				ST30-12PLUS	22	16-3/4	P43B0030A2	40	SMC-CR3021	8
		3	30	3	230				ST30-12PLUS	28	16-3/4	P43B0030A3	32		
		3	30	3	460				ST30-12PLUS	28	16-3/4	P43B0030A4	32		
		5	50	1	230				ST50-12PLUS	43-1/2	25-1/2	P43B0050A2	70	SMC-CR5021	12
		5	50	3	230				ST50-12PLUS	43-1/2	25-1/2	P43B0050A3	55		
		5	50	3	460				ST50-12PLUS	43-1/2	25-1/2	P43B0050A4	55		
15**	2 WIRE	1/2	6	1	115	2ST51-15PLUS-P4	23	27	ST5-15PLUS	13	9	P42B0005A1	19		
		1/2	6	1	230	2ST52-15PLUS-P4	23	27	ST5-15PLUS	13	9	P42B0005A2	19		
		3/4	8	1	230	2ST72-15PLUS-P4	26	31	ST7-15PLUS	15	10	P42B0007A2	23		
		1	10	1	230	2ST102-15PLUS-P4	30	35	ST10-15PLUS	17	11	P42B0010A2	25		
		1-1/2	12	1	230	2ST152-15PLUS-P4	36	43	ST15-15PLUS	21	13	P42B0015A2	29		
	3 WIRE	1/2	5	1	115	3ST51-15PLUS-P4	22-1/4	27	ST5-15PLUS	12-1/4	9	P43B0005A1	19	SMC-IR0511	4
		1/2	6	1	230	3ST52-15PLUS-P4	23	27	ST5-15PLUS	13	9	P43B0005A2	19	SMC-CR0521	4
		3/4	8	1	230	3ST72-15PLUS-P4	26	31	ST7-15PLUS	15	10	P43B0007A2	23	SMC-CR0721	4
		1	10	1	230	3ST102-15PLUS-P4	30	35	ST10-15PLUS	17	11	P43B0010A2	25	SMC-CR1021	4
		1-1/2	12	1	230	3ST152-15PLUS-P4	34	41	ST15-15PLUS	21	13	P43B0015A2	29	SMC-CR1521	7
		1-1/2	12	3	230				ST15-15PLUS	20-1/4	13	P43B0015A3	23		
		1-1/2	12	3	460				ST15-15PLUS	20-1/4	13	P43B0015A4	23		
		2	15	1	230				ST20-15PLUS	23-1/2	15	P43B0020A2	31	SMC-CR2021	7
		2	15	3	230				ST20-15PLUS	23-1/2	15	P43B0020A3	23		
		2	15	3	460				ST20-15PLUS	23-1/2	15	P43B0020A4	23		
		3	22	1	230				ST30-15PLUS	31-1/4	18	P43B0030A2	40	SMC-CR3021	7
		3	22	3	230				ST30-15PLUS	31-1/4	18	P43B0030A3	32		
		3	22	3	460				ST30-15PLUS	31-1/4	18	P43B0030A4	32		

†For all Pentek XE series three-phase motor options, see page 65.

*Length and Weight are approximate.

**For 10 GPM, 15 GPM and 20 GPM discharge is 1-1/4" NPT.

***For 30 GPM and 50 GPM discharge is 2" NPT.

NOTE: On 2 HP and larger – Pump, Motor, Control Box or Magnetic Starter must be ordered separately.

†Check Valve not included on 5 HP, 7-1/2 HP and 10 HP models. Check Valve not included on 50 GPM models.

TrimLine™ version maximum outside diameter is 3-3/4". Standard version maximum outside diameter on all models is 3-7/8".

ORDERING INFORMATION

GPM	MOTOR TYPE	HP	STGS.	PH†	VOLT	ASSEMBLED PUMP			PUMP END			MOTOR		CONTROL BOX	
						CATALOG NUMBER	LENGTH INCHES*	WEIGHT POUNDS*	CATALOG NUMBER	LENGTH INCHES*	WEIGHT POUNDS*	CATALOG NUMBER	WEIGHT POUNDS*	CATALOG NUMBER	WEIGHT POUNDS*
20**	2 WIRE	3/4	6	1	230	2ST72-20PLUS-P4	24	30	ST7-20PLUS	13	9	P42B0007A2	23		
		1	7	1	230	2ST102-20PLUS-P4	28	34	ST10-20PLUS	15	10	P42B0010A2	25		
		1-1/2	10	1	230	2ST152-20PLUS-P4	32	39	ST15-20PLUS	17	11	P42B0015A2	29		
	3 WIRE	3/4	6	1	230	3ST72-20PLUS-P4	24	30	ST7-20PLUS	13	9	P43B0007A2	23	SMC-CR0721	5
		1	7	1	230	3ST102-20PLUS-P4	28	34	ST10-20PLUS	15	10	P43B0010A2	25	SMC-CR1021	5
		1-1/2	10	1	230	3ST152-20PLUS-P4	31	39	ST15-20PLUS	17	11	P43B0015A2	29	SMC-CR1521	7
		1-1/2	9	3	230				ST15-20PLUS	16-3/4	10-3/4	P43B0015A3	23		
		1-1/2	9	3	460				ST15-20PLUS	16-3/4	10-3/4	P43B0015A4	23		
		2	12	1	230				ST20-20PLUS	20-1/4	12-1/2	P43B0020A2	31	SMC-CR2021	7
		2	12	3	230				ST20-20PLUS	20-1/4	12-1/2	P43B0020A3	32		
		2	12	3	460				ST20-20PLUS	20-1/4	12-1/2	P43B0020A4	32		
		3	17	1	230				ST30-20PLUS	25-3/4	15	P43B0030A2	40	SMC-CR3021	7
		3	17	3	230				ST30-20PLUS	25-3/4	15	P43B0030A3	32		
		3	17	3	460				ST30-20PLUS	25-3/4	15	P43B0030A4	32		
		5	28	1	230				ST50-20PLUS	38	21	P43B0050A2	70	SMC-CR5021	8
		5	28	3	230				ST50-20PLUS	38	21	P43B0050A3	55		
		5	28	3	460				ST50-20PLUS	38	21	P43B0050A4	55		
		7-1/2	40	3	230				ST75-20PLUS	53-3/4	30	P43B0075A3	70		
		7-1/2	40	3	460				ST75-20PLUS	53-3/4	30	P43B0075A4	70		
		10	54	3	460				ST100-20PLUS	71	41	P43B0100A4	78		
30***	2 WIRE	1	5	1	230	2ST102-30PLUS-P4	26-1/2	35	SS10-30-02	14	9-3/4	P42B0010A2	25		
		1-1/2	6	1	230	2ST152-30PLUS-P4	30-1/2	39	SS15-30-02	15-1/4	10-3/4	P42B0015A2	29		
	3 WIRE	1	5	1	230	3ST102-30PLUS-P4	26-1/2	35	SS10-30-02	14	10	P43B0010A2	25	SMC-CR1021	5
		1-1/2	6	1	230	3ST152-30PLUS-P4	29	39	SS15-30-02	15-1/4	11	P43B0015A2	29	SMC-CR-1521	7
		1-1/2	6	3	230				SS15-30-02	15-1/4	11	P43B0015A3	23		
		1-1/2	6	3	460				SS15-30-02	15-1/4	11	P43B0015A4	23		
		2	8	1	230				SS20-30-02	18-1/4	12	P43B0020A2	31	SMC-CR2021	7
		2	8	3	230				SS20-30-02	18-1/4	12	P43B0020A3	23		
		2	8	3	460				SS20-30-02	18-1/4	12	P43B0020A4	23		
		3	12	1	230				SS30-30-02	24	15	P43B0030A2	40	SMC-CR3021	7
		3	12	3	230				SS30-30-02	24	15	P43B0030A3	32		
		3	12	3	460				SS30-30-02	24	15	P43B0030A4	32		
		5	20	1	230				SS50-30-02	35-3/4	20	P43B0050A2	70	SMC-CR5021	8
		5	20	3	230				SS30-30-02	35-3/4	20	P43B0050A3	55		
		5	20	3	460				SS30-30-02	35-3/4	20	P43B0050A4	55		
		7-1/2	28	3	230				SS75-30-02	50	27	P43B0075A3	70		
		7-1/2	28	3	460				SS75-30-02	50	27	P43B0075A4	70		
		10	38	3	460				SS100-30-02	65-1/2	35	P43B0100A4	70		

†For all Pentek XE series three-phase motor options, see page 65.

*Length and Weight are approximate.

**For 10 GPM, 15 GPM and 20 GPM discharge is 1-1/4" NPT.

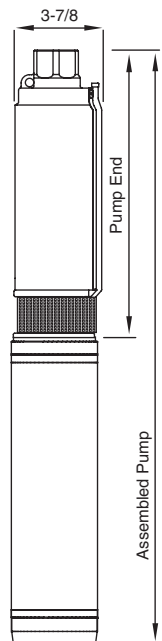
***For 30 GPM and 50 GPM discharge is 2" NPT.

NOTE: On 2 HP and larger – Pump, Motor, Control Box or Magnetic Starter must be ordered separately.

†Check Valve not included on 5 HP, 7-1/2 HP and 10 HP models.

TrimLine™ version maximum outside diameter is 3-3/4". Standard version maximum outside diameter on all models is 3-7/8".

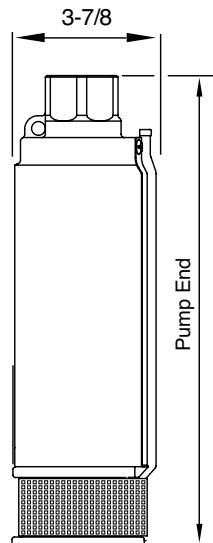
OUTLINE DIMENSIONS: 5, 7/8, 10/12, 15 AND 20 GPM



DISCHARGE	
5 GPM	1-1/4" NPT
7/8 GPM	1-1/4" NPT
10/12 GPM	1-1/4" NPT
15 GPM	1-1/4" NPT
20 GPM	1-1/4" NPT

For lengths, refer to Ordering Information tables.
Dimensions (in inches) are for estimating purposes only.
NOTE: 5 and 7/8 GPM models are the smaller 3-3/4" diameter TrimLine

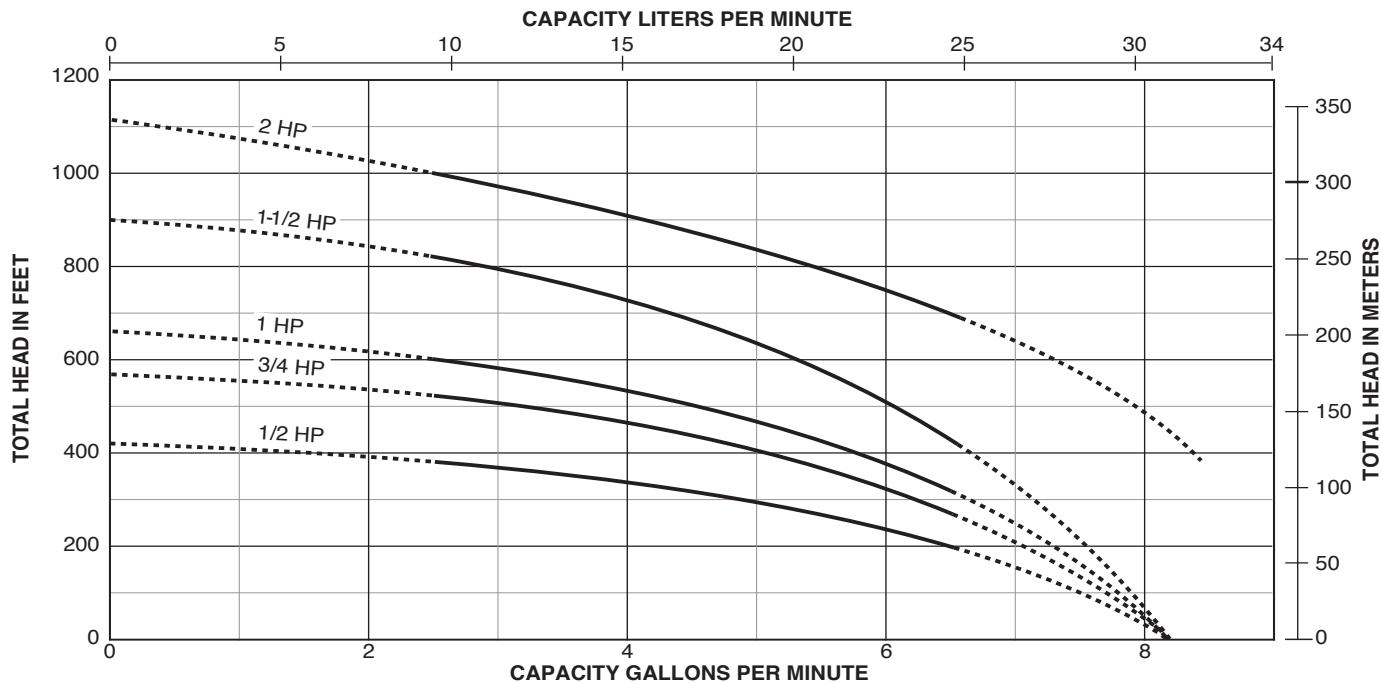
OUTLINE DIMENSIONS: 30



DISCHARGE	
30 GPM	2" NPT

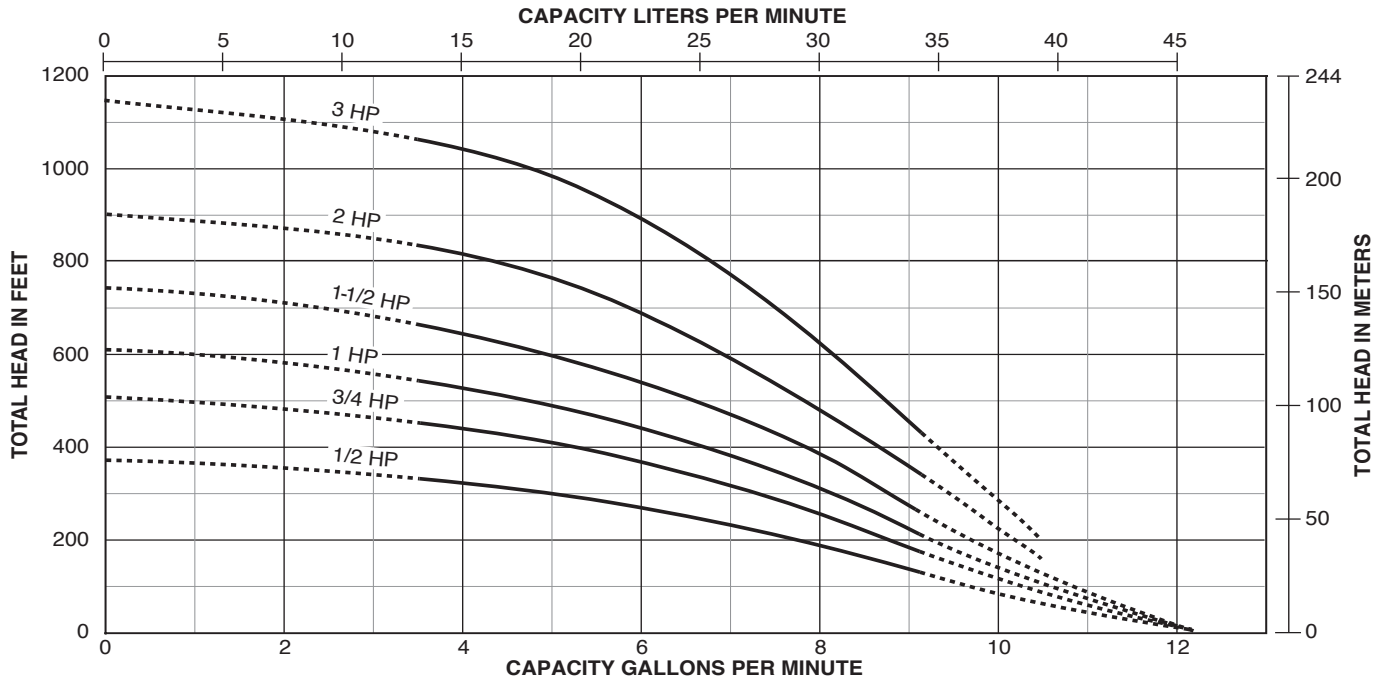
Pump diameter is 3-7/8".
For lengths, refer to Ordering Information tables.
Dimensions (in inches) are for estimating purposes only.

PUMP PERFORMANCE: 5 GPM

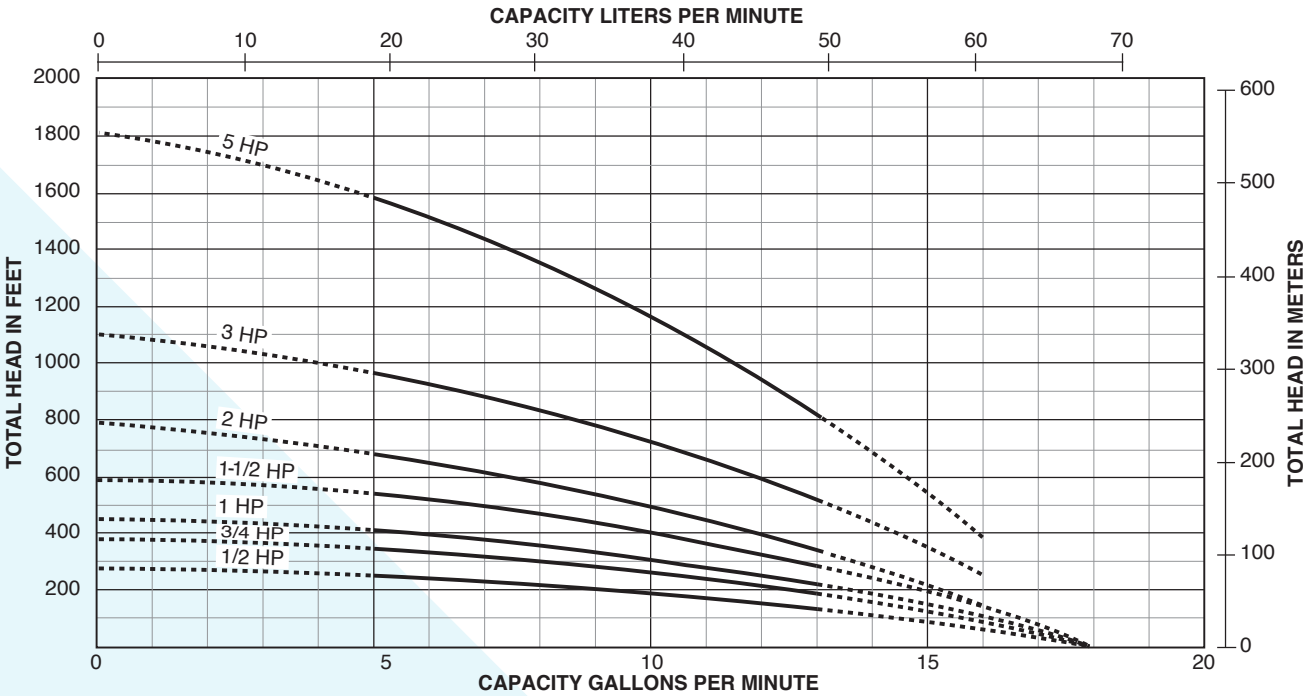


Tested and rated in accordance with Water Systems Council Standards.
NOTE: Pumps installed with a Pro-Source® tank require a 100 PSI relief valve. Pumps installed with a conventional tank require a 75 PSI relief valve.
Relief valve must be capable of relieving entire flow of pump at relief pressure.

PUMP PERFORMANCE: 7/8 GPM



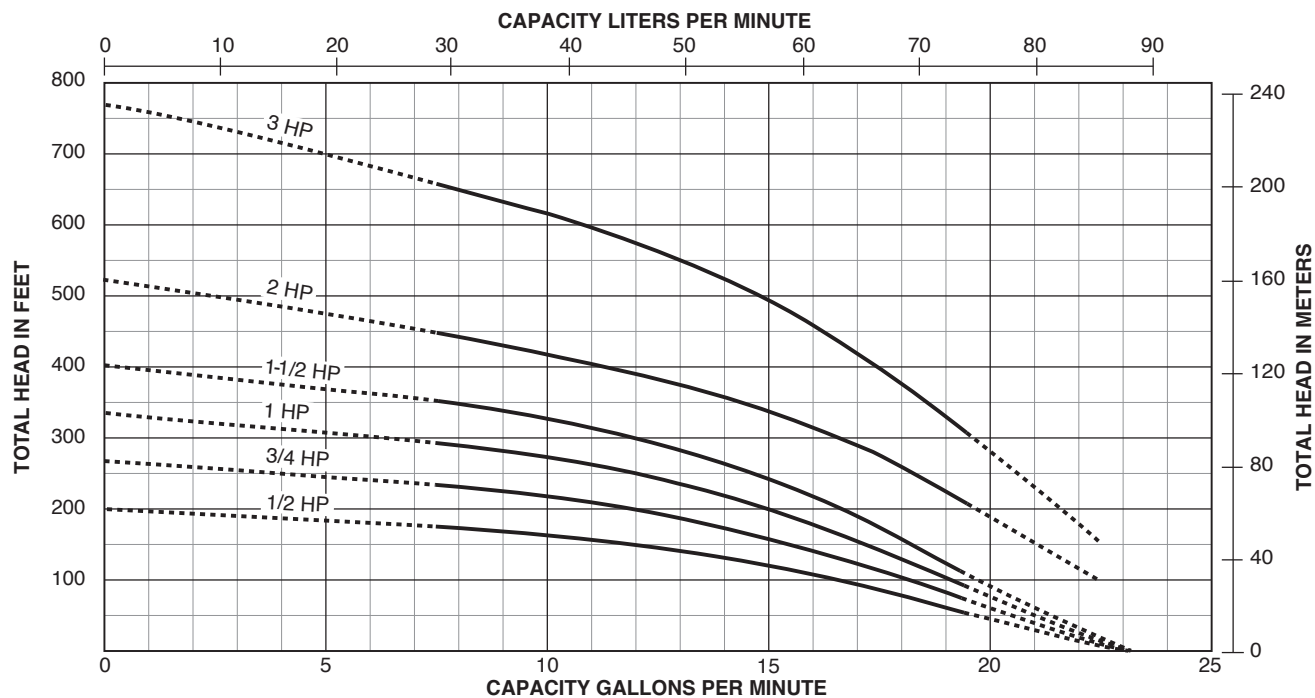
PUMP PERFORMANCE: 10/12 GPM



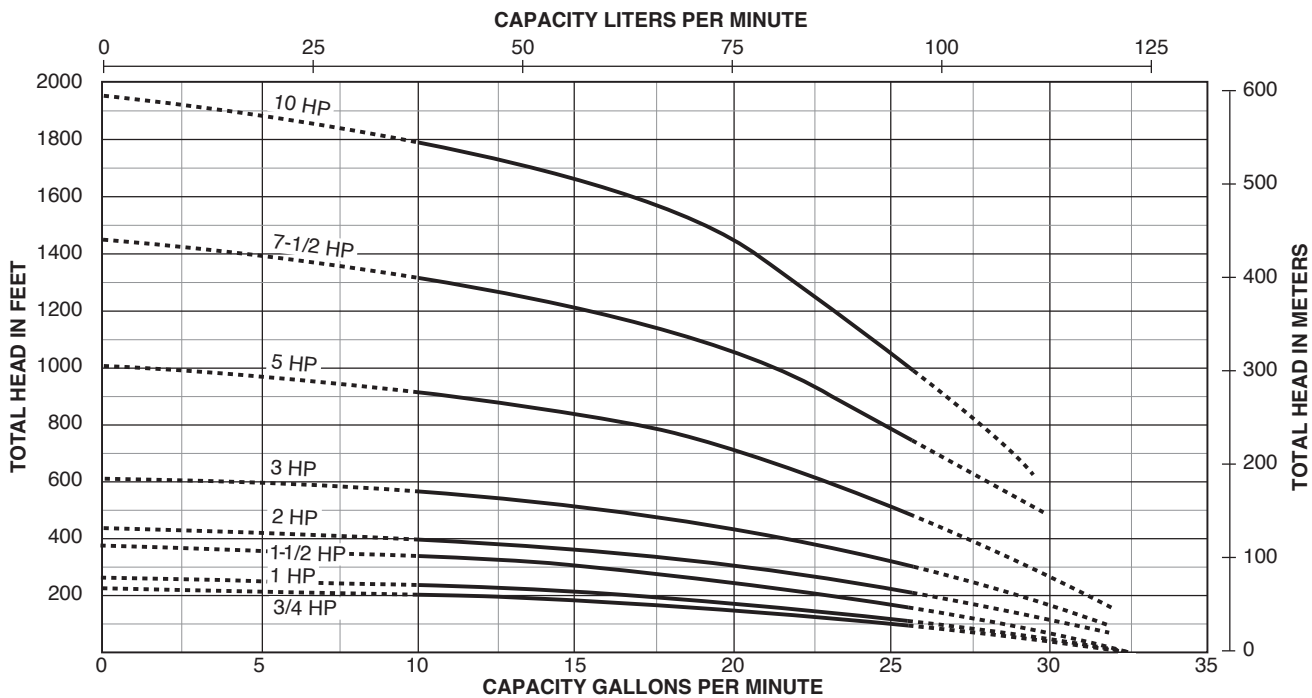
Tested and rated in accordance with Water Systems Council Standards.

NOTE: Pumps installed with a Pro-Source® tank require a 100 PSI relief valve. Pumps installed with a conventional tank require a 75 PSI relief valve. Relief valve must be capable of relieving entire flow of pump at relief pressure.

PUMP PERFORMANCE: 15 GPM



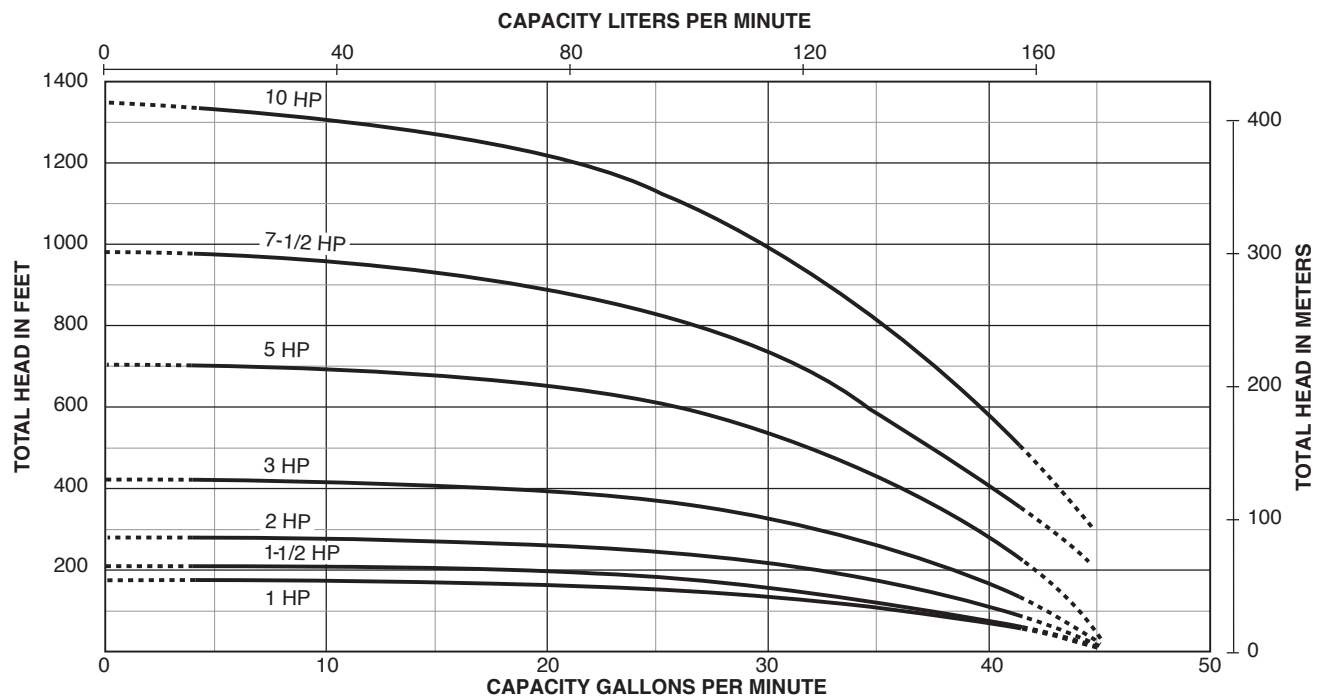
PUMP PERFORMANCE: 20 GPM



Tested and rated in accordance with Water Systems Council Standards.

NOTE: Pumps installed with a Pro-Source® tank require a 100 PSI relief valve. Pumps installed with a conventional tank require a 75 PSI relief valve. Relief valve must be capable of relieving entire flow of pump at relief pressure.

PUMP PERFORMANCE: 30 GPM



Tested and rated in accordance with Water Systems Council Standards.

NOTE: Pumps installed with a Pro-Source® tank require a 100 PSI relief valve. Pumps installed with a conventional tank require a 75 PSI relief valve. Relief valve must be capable of relieving entire flow of pump at relief pressure.

CAUTION: DO NOT use pump at flow rates indicated by the symbol '—'. To do so can cause premature failure of unit. Pump warranty is void when failure occurs under these conditions.

Tested and rated in accordance with Water Systems Council Standards.

NOTE: Pumps installed with a Pro-Source® tank require a 100 PSI relief valve. Pumps installed with a conventional tank require a 75 PSI relief valve. Relief valve must be capable of relieving entire flow of pump at relief pressure.

7/8 GALLONS PER MINUTE										PUMP PERFORMANCE (Capacity in 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													
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																						
	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																		
	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																
	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													
	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																	
HP	PSI	PUMPING DEPTH IN FEET																										SHUT-OFF HEAD													
		20	40	60	80	100	125	150	175	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	FEET	PSI											
2	0	—	—	—	—	—	10.9	10.6	10.3	10.1	9.7	9.4	9.0	8.7	8.4	8.0	7.4	7.1	6.4	5.8	5.0	4.2	2.8																		
	20	—	—	—	10.8	10.6	10.4	10.1	10.0	9.7	9.4	9.1	8.7	8.4	8.0	7.6	7.1	6.6	5.8	5.1	4.3	3.8																			
	30	—	11.0	10.7	10.6	10.4	10.1	10.0	9.7	9.5	9.2	8.9	8.6	8.3	7.9	7.4	6.9	6.2	5.5	4.7	3.8																				
	40	10.9	10.7	10.5	10.4	10.2	10.0	9.8	9.6	9.4	9.1	8.7	8.5	8.1	7.7	7.2	6.6	5.9	5.2	4.2	3.2																				
	50	10.7	10.5	10.3	10.1	10.0	9.8	9.6	9.4	9.3	8.9	8.7	8.3	7.9	7.4	6.9	6.3	5.5	4.8	4.0	2.3																				
	60	10.4	10.3	10.1	10.0	9.8	9.6	9.4	9.3	9.1	8.8	8.5	8.1	7.7	7.2	6.7	6.0	5.8	4.5	3.3																					
3	0	—	—	—	—	—	—	10.8	10.5	10.1	9.9	9.5	9.3	9.0	8.8	8.6	8.3	8.0	7.6	7.3	6.8	6.4	5.7	5.2	4.7	3.9	2.5														
	20	—	—	—	—	—	10.9	10.6	10.4	10.2	9.9	9.5	9.3	9.0	8.8	8.6	8.3	8.1	7.7	7.4	6.9	6.5	5.8	5.2	4.8	4.0	3.1														
	30	—	—	—	—	10.9	10.6	10.4	10.2	10.0	9.6	9.4	9.2	8.9	8.7	8.4	8.1	7.9	7.4	7.0	6.6	6.0	5.4	5.8	4.3	3.5															
	40	—	—	—	10.9	10.7	10.4	10.3	10.0	10.0	9.6	9.4	9.1	8.8	8.6	8.3	8.1	7.8	7.4	7.0	6.5	5.9	5.3	4.9	4.2	3.2															
	50	—	11.0	10.8	10.6	10.4	10.3	10.0	10.0	9.7	9.4	9.2	8.9	8.7	8.5	8.1	7.9	7.5	7.1	6.6	6.1	5.5	5.1	4.4	3.6																
	60	11.0	10.7	10.6	10.4	10.3	10.0	10.0	9.7	9.6	9.4	9.1	8.9	8.7	8.4	8.1	7.8	7.4	7.0	6.6	5.9	5.3	4.9	4.2	3.3																

CAUTION: DO NOT use pump at flow rates indicated by the symbol '—'. To do so can cause premature failure of unit. Pump warranty is void when failure occurs under these conditions.

Tested and rated in accordance with Water Systems Council Standards.

NOTE: Pumps installed with a Pro-Source® tank require a 100 PSI relief valve. Pumps installed with a conventional tank require a 75 PSI relief valve.

Relief valve must be capable of relieving entire flow of pump at relief pressure.

10/12 GALLONS PER MINUTE										PUMP PERFORMANCE (Capacity in 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	FEET	PSI				
1/2	0	—	—	—	—	—	14.7	13.8	12.9	11.8	10.7	9.4	8.0	6.3	4.1												278	120			
	20	—	—	—	14.4	13.5	12.5	11.5	10.3	9.0	7.5	5.7	3.2																		
	30	—	—	14.3	13.4	12.4	11.3	10.1	8.8	7.3	5.4	2.7																			
	40	—	14.2	13.2	12.2	11.1	9.9	8.6	7.0	5.1	2.0																				
	50	14.0	13.1	12.1	11.0	9.7	8.4	6.8	4.7																						
	60	12.9	11.9	10.8	9.5	8.1	6.5	4.3																							
	70	11.7	10.6	9.3	7.9	6.2	3.9																								
	80	10.4	9.1	7.7	5.9	3.4																									
3/4	0	—	—	—	—	—	—	14.6	14.0	13.3	12.6	11.8	11.0	10.1	9.2	8.2	7.0	5.6	3.9							382	165				
	20	—	—	—	—	—	14.4	13.8	13.1	12.3	11.6	10.7	9.9	8.9	7.8	6.6	5.1	3.2													
	30	—	—	—	—	14.3	13.0	12.2	11.5	10.6	9.7	8.7	7.6	6.4	4.9	2.8															
	40	—	—	14.9	14.2	13.6	12.9	12.1	11.3	10.5	9.6	8.6	7.5	6.2	4.6	2.4															
	50	15.4	14.8	14.1	13.5	12.7	12.0	11.2	10.3	9.4	8.4	7.3	6.0	4.3																	
	60	14.7	14.0	13.3	12.6	11.9	11.1	10.2	9.3	8.2	7.1	5.7	4.0																		
	70	13.9	13.2	12.5	11.8	10.9	10.1	9.1	8.1	6.9	5.5	3.7																			
	80	13.1	12.4	11.6	10.8	9.9	9.0	7.9	6.7	5.3	3.4																				
1	0	—	—	—	—	—	—	—	14.8	14.2	13.7	13.1	12.5	11.8	11.1	10.4	9.6	8.8	7.9	6.9	5.7					452	195				
	20	—	—	—	—	—	—	14.6	14.1	13.5	12.9	12.3	11.6	10.9	10.2	9.4	8.5	7.6	6.6	5.3	3.8										
	30	—	—	—	—	—	14.5	14.0	13.4	12.8	12.2	11.5	10.8	10.1	9.3	8.4	7.5	6.4	5.1	3.5											
	40	—	—	—	15.0	14.5	13.9	13.3	12.7	12.1	11.4	10.7	9.9	9.1	8.3	7.3	6.2	4.9	3.2												
	50	—	—	14.9	14.4	13.8	13.2	12.6	12.0	11.3	10.6	9.8	9.0	8.1	7.1	6.0	4.7	2.9													
	60	—	14.8	14.3	13.7	13.1	12.5	11.9	11.2	10.5	9.7	8.9	8.0	7.0	5.8	4.4	2.6														
	70	14.7	14.2	13.6	13.0	12.4	11.8	11.1	10.4	9.6	8.7	7.8	6.8	5.6	4.2	2.2															
	80	14.1	13.5	12.9	12.3	11.7	11.0	10.2	9.5	8.6	7.7	6.6	5.4	3.9																	
1-1/2	0	—	—	—	—	—	—	—	—	15.0	14.6	14.1	13.7	13.3	12.8	12.3	11.8	11.3	10.8	10.2	8.6	6.8	4.3			590	256				
	20	—	—	—	—	—	—	—	14.9	14.4	14.0	13.6	13.1	12.6	12.2	11.7	11.1	10.6	10.0	9.4	8.8	6.9	4.5								
	30	—	—	—	—	—	—	14.8	14.4	13.9	13.5	13.0	12.6	12.1	11.6	11.1	10.5	9.9	9.3	8.7	8.0	5.9	2.9								
	40	—	—	—	—	—	14.7	14.3	13.9	13.4	13.0	12.5	12.0	11.5	11.0	10.4	9.8	9.2	8.6	7.9	7.1	4.7									
	50	—	—	—	—	14.7	14.2	13.8	13.4	12.9	12.4	11.9	11.4	10.9	10.3	9.7	9.1	8.5	7.7	7.0	6.1	3.2									
	60	—	—	15.0	14.6	14.2	13.7	13.3	12.8	12.4	11.9	11.3	10.8	10.2	9.6	9.0	8.3	7.6	6.8	6.0	4.9										
	70	—	—	14.9	14.5	14.1	13.7	13.2	12.8	12.3	11.8	11.3	10.7	10.1	9.5	8.9	8.2	7.5	6.7	5.8	4.8	3.5									
	80	—	14.9	14.5	14.0	13.6	13.2	12.7	12.2	11.7	11.2	10.6	10.1	9.5	8.8	8.1	7.4	6.6	5.7	4.6	3.3										
HP	PSI	PUMPING DEPTH IN FEET																								SHUT-OFF HEAD					
		200	400	600	800	1000	1250	1500	1750	2000	2500	3000	3500	4000	4500	5000	5500	6000	6500	7000	7500	8000	8500	9000	9500	10000	FEET	PSI			
2	0	—	—	—	—	—	—	—	14.9	14.6	14.0	13.3	12.7	12.0	11.1	10.2	9.2	8.0	6.6	5.1	3.1						806	349			
	20	—	—	—	—	—	14.9	14.6	14.4	14.0	13.4	12.7	12.0	11.1	10.2	9.2	8.0	6.6	5.1	3.1											
	30	—	—	—	—	15.0	14.7	14.4	14.0	13.8	13.1	12.4	11.7	10.7	9.8	8.8	7.5	6.1	4.5	2.0											
	40	—	—	—	14.9	14.6	14.4	14.2	13.8	13.3	12.8	12.1	11.3	10.2	9.2	8.0	6.6	5.1	3.1												
	50	—	—	14.9	14.6	14.4	14.1	13.8	13.4	13.1	12.4	11.6	10.8	9.8	8.8	7.6	6.1	4.7	2.2												
	60	15.1	14.9	14.6	14.4	14.1	13.8	13.4	13.1	12.8	12.1	11.3	10.3	9.5	8.3	6.9	5.3	3.7													
3	0	—	—	—	—	—	—	—	—	14.7	14.3	13.8	13.3	12.8	12.3	11.8	11.0	10.2	9.5	8.7	7.6	6.4	5.3	4.1		1100	476				
	20	—	—	—	—	—	—	—	15.2	14.7	14.3	13.8	13.3	12.8	12.3	11.8	11.0	10.2	9.5	8.7	7.6	6.4	5.3	4.1							
	30	—	—	—	—	—	—	14.7	15.0	14.5	14.1	13.6	13.1	12.6	12.1	11.4	10.7	10.0	9.2	8.2	7.1	6.0	4.9	3.3							
	40	—	—	—	—	—	15.2	15.0	14.7	14.3	13.8	13.3	12.8	12.3	11.8	11.0	10.2	9.5	8.7	7.6	6.4	5.3	4.1								
	50	—	—	—	—	15.3	15.0	14.8	14.6	14.1	13.7	13.2	12.7	12.2	11.7	10.9	10.1	9.4	8.6	7.5	6.2	5.0	3.9								
	60	—	—	—	—	15.3	15.0	14.8	14.6	14.4	13.9	13.4	12.9	12.4	11.9	11.2	10.4	9.7	8.8	7.9	6.6	5.5	4.3								
HP	PSI	PUMPING DEPTH IN FEET																	SHUT-OFF HEAD												
		200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	FEET	PSI												
5	0	—	—	—	15.3	14.6	14.2	13.5	12.9	12.3	11.6	10.8	9.9	8.9	7.7	6.3	4.9	2.9	1824	745											
	20	—	—	—	15.0	14.5	13.9	13.3	12.7	12.1	11.2	10.3	9.4	8.5	7.1	5.6	4.1														
	30	—	—	—	14.9	14.3	13.8	13.1	12.5	11.9	11.1	10.2	9.2	8.2	6.7	5.2	3.7														
	40	—	—	—	14.7	14.2	13.5	12.9	12.3	11.6	10.8	9.9	8.9	7.7	6.3	4.9	2.9														
	50	—	—	—	14.6	14.1	13.4	12.8	12.2	11.5	10.7	9.8	8.8	7.5	6.1	4.7	2.7														
	60	—	15.0	14.5	13.9	13.3	12.7	12.1	11.2	10.3	9.4	8.5	7.1	5.6	4.1																

CAUTION: DO NOT use pump at flow rates indicated by the symbol '—'. To do so can cause premature failure of unit. Pump warranty void when failure occurs under these conditions. Tested and rated in accordance with Water Systems Council Standards.

NOTE: Pumps installed with a Pro-Source® tank require a 100 PSI relief valve. Pumps installed with a conventional tank require a 75 PSI relief valve. Relief valve must be capable of relieving entire flow of pump at relief pressure.

15 GALLONS PER MINUTE									PUMP PERFORMANCE (Capacity in 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	FEET	PSI						
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																		
HP	PSI	PUMPING DEPTH IN FEET																				SHUT-OFF HEAD								
		20	40	60	80	100	125	150	175	200	250	300	350	400	450	500	550	600	650	700	750	800	FEET	PSI						
2	0	—	—	—	—	—	—	20.7	20.2	19.6	18.3	16.9	14.4	11.6	7.4	2.7								525	227					
	20	—	—	—	21.2	20.9	20.2	19.7	19.1	18.4	17.0	14.7	11.8	7.8	3.2															
	30	—	—	21.2	20.8	20.3	19.7	19.1	18.5	17.9	16.1	13.5	10.2	5.5																
	40	—	21.1	20.6	20.2	19.8	19.2	18.6	17.9	17.1	14.9	12.0	8.1	3.4																
	50	21.1	20.6	20.1	19.7	19.2	18.6	17.9	17.1	16.2	13.6	10.8	6.0																	
	60	20.5	20.1	19.6	19.1	18.7	18.0	17.2	16.2	15.1	12.2	8.6	3.7																	
3	0	—	—	—	—	—	—	—	—	21.0	20.2	19.5	18.7	17.8	16.6	15.0	13.0	10.8	8.0	4.9	1.6			770	333					
	20	—	—	—	—	—	—	21.1	20.8	20.3	19.5	18.8	17.9	16.7	15.1	13.2	11.1	8.3	5.2	1.9										
	30	—	—	—	—	—	21.2	20.8	20.3	19.9	19.2	18.3	17.4	16.1	14.3	12.2	10.4	7.0	3.5	3.6										
	40	—	—	—	21.6	21.2	20.9	20.4	19.9	19.6	18.8	18.0	16.8	15.2	13.4	11.2	8.4	5.4	2.1											
	50	—	—	21.6	21.1	20.9	20.4	20.0	19.7	19.2	18.4	17.5	16.2	14.4	12.3	10.5	7.1	3.8												
	60	—	21.4	21.1	20.8	20.5	20.0	19.7	19.3	18.9	18.0	16.9	15.3	13.5	11.4	8.8	5.5													

CAUTION: DO NOT use pump at flow rates indicated by the symbol '—'. To do so can cause premature failure of unit. Pump warranty void when failure occurs under these conditions.

Tested and rated in accordance with Water Systems Council Standards.

NOTE: Pumps installed with a Pro-Source® tank require a 100 PSI relief valve. Pumps installed with a conventional tank require a 75 PSI relief valve. Relief valve must be capable of relieving entire flow of pump at relief pressure.

CAUTION: DO NOT use pump at flow rates indicated by the symbol '—'. To do so can cause premature failure of unit. Pump warranty void when failure occurs under these conditions. Tested and rated in accordance with Water Systems Council Standards.

NOTE: Pumps installed with a Pro-Source® tank require a 100 PSI relief valve. Pumps installed with a conventional tank require a 75 PSI relief valve. Relief valve must be capable of relieving entire flow of pump at relief pressure.

30 GALLONS PER MINUTE									PUMP PERFORMANCE (Capacity in gallons per minute)													
HP	PSI	PUMPING DEPTH IN FEET																		SHUT-OFF HEAD		
		20	40	60	80	100	125	150	175	200	250	300	350	400	450	500	550	600	650	700	FEET	PSI
1	0	—	42.5	40.9	39.1	36.8	32.5	26.0	8.0												175	76
	20	40.4	38.8	36.0	32.4	27.7	13.3															
	30	38.0	35.3	31.7	26.3	14.3																
	40	35.0	31.4	25.9	12.1																	
	50	30.2	24.0	3.0																		
	60	21.9																				
1-1/2	0	—	—	41.9	39.9	37.5	34.1	30.9	26.9	17.0											210	91
	20	41.2	39.1	36.5	34.0	31.5	27.8	21.5														
	30	38.9	36.1	33.8	31.0	27.9	21.8															
	40	36.0	33.5	30.8	27.7	20.2																
	50	32.9	30.1	26.8	21.5																	
	60	29.5	25.9	18.1																		
2	0	—	—	—	41.8	40.5	38.8	36.8	34.7	31.6	23.7										280	121
	20	—	41.3	40.1	38.7	37.1	34.9	32.1	29.0	24.8												
	30	41.2	40.0	38.5	37.0	35.0	32.2	29.1	24.9	15.2												
	40	39.9	38.3	36.6	34.8	32.7	29.8	25.1	16.1													
	50	38.0	36.3	34.5	32.1	30.0	25.3	17.5														
	60	36.0	34.0	31.9	29.1	26.0	18.0															
3	0	—	—	—	—	42.7	41.6	40.1	39.6	38.2	35.5	32.0	27.3								420	182
	20	—	—	42.4	41.5	41.0	39.8	38.5	37.1	35.7	32.1	28.0	18.5									
	30	42.9	42.2	41.3	40.6	39.9	38.7	37.2	35.8	34.2	30.3	24.9	6.0									
	40	42.1	41.2	40.4	39.7	38.8	37.3	35.9	34.5	32.6	28.3	19.9										
	50	41.1	40.3	39.5	38.5	37.4	36.0	34.6	32.7	31.0	25.2	9.5										
	60	40.2	39.3	38.3	37.2	36.1	34.7	32.8	31.0	28.5	20.5											
5	0	—	—	—	—	—	—	—	42.6	42.0	40.7	39.2	38.0	36.0	34.2	31.9	29.2	26.0	20.0		705	305
	20	—	—	—	—	—	42.7	42.0	41.3	40.8	39.3	38.2	36.2	34.4	32.4	30.0	26.1	21.5				
	30	—	—	—	—	42.8	42.1	41.4	40.8	40.1	38.7	37.0	35.1	33.1	31.1	26.0	24.1	16.0				
	40	—	—	—	—	42.1	41.5	40.9	40.2	39.3	37.9	36.1	34.3	32.0	29.4	26.2	20.4					
	50	—	—	42.6	42.0	41.5	41.2	40.2	39.5	38.8	37.1	35.4	33.2	31.2	28.8	24.5	16.0					
	60	—	42.5	42.0	41.4	41.1	40.3	39.8	38.9	38.1	36.2	34.2	32.1	30.0	26.7	22.0						
HP	PSI	PUMPING DEPTH IN FEET													SHUT-OFF HEAD							
		200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	FEET	PSI						
7-1/2	0	—	—	40.4	37.6	34.8	32.0	28.1	20.0							975	422					
	20	—	42.0	39.3	36.5	33.8	30.5	25.5	13.8													
	30	—	41.3	38.6	35.8	33.1	29.8	23.3	6.5													
	40	—	40.7	38.1	35.6	32.6	29.3	21.7														
	50	42.7	40.1	37.3	34.6	31.7	27.4	19.3														
	60	42.0	39.4	36.5	33.7	30.7	25.1	13.9														
10	0	—	—	—	41.3	39.5	37.3	35.1	33.1	30.4	27.1	22.5	11.9		1345	582						
	20	—	—	42.3	40.5	38.6	36.4	34.5	31.8	29.2	25.3	18.7										
	30	—	—	42.0	40.1	43.0	35.7	33.7	31.3	28.4	24.2	16.3										
	40	—	—	41.6	39.7	37.7	35.5	33.5	30.9	27.7	23.4	14.4										
	50	—	42.7	41.0	39.3	37.1	34.9	32.8	30.2	26.7	21.7	7.7										
	60	—	42.3	40.6	38.7	36.5	34.5	32.3	29.5	25.7	20.1	5.0										

CAUTION: DO NOT use pump at flow rates indicated by the symbol '—'. To do so can cause premature failure of unit. Pump warranty void when failure occurs under these conditions. Tested and rated in accordance with Water Systems Council Standards.

NOTE: Pumps installed with a Pro-Source® tank require a 100 PSI relief valve. Pumps installed with a conventional tank require a 75 PSI relief valve. Relief valve must be capable of relieving entire flow of pump at relief pressure.

PAGE LEFT BLANK INTENTIONALLY



**293 Wright Street,
Delavan, WI 53115
USA
Ph: 888.782.7483
Orders Fax: 800.426.9446**

**490 Pinebush Road
Unit 4
Cambridge, Ontario N1T 0A5
Canada
Ph: 800.363.7867
Orders Fax: 888.606.5484**

PENTAIR.COM

Noryl® is a registered trademark of SABIC Global Technologies B.V.
Nylatron® is a registered trademark of Mitsubishi Chemical Advanced Materials Inc.

All indicated Pentair trademarks and logos are property of Pentair. Third party registered and unregistered trademarks and logos are the property of their respective owners. Because we are continuously improving our products and services, Pentair reserves the right to change specifications without prior notice. Pentair is an equal opportunity employer.

M9108WS (04/01/21) ©2021 Pentair. All Rights Reserved.