PENTAIR MYERS

The Rustler Series

4" Submersible Pumps

POWERED BY PENTEK®

NSF/ANSI 61 Drinking Water

Precision-engineered, corrosion-resistant pumps in 5, 7/8, 10/12, 20, and 30 GPM deliver efficient, dependable performance even in rough, aggressive water. Heads to over 650 feet and capacities to 45 GPM. Built to deliver long-term, trouble-free service.

These pumps feature the proven SignaSeal™ staging system. Floating impeller design resists sand and reduces sand locking.

APPLICATIONS

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

SPECIFICATIONS

Shell: Stainless steel

Diameter: 3-7/8"

Discharge: Fiberglass-reinforced thermoplastic

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: Fiberglass-reinforced thermoplastic

Intake Screen: Polypropylene

Cable Guard: Stainless steel

Check Valve: Spring-loaded check valve

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 fiberglass-reinforced thermoplastic for durability in aggressive water. Large octagon wrench area for ease of installation.

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

Intake: Corrosion-resistant fiberglass-reinforced thermoplastic 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: Crimped shell.

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

Check Valve: Spring-loaded check valve.

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

Intake Screen: Molded-in screen.

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

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*
5	2 WIRE	1/2	14	1	115	2NFL51-5-P4	28	28	N55R	18	12	P42B0005A1	19		
		1/2	14	1	230	2NFL52-5-P4	28	28	N55R	18	12	P42B0005A2	19		
		3/4	19	1	230	2NFL72-5-P4	33	34	N75R	22	15	P42B0007A2	23		
		1	22	1	230	2NFL102-5-P4	37	39	N105R	26	17	P42B0010A2	25		
	3 WIRE	1/2	13	1	115	3NFL51-5-P4	27-1/2	29	N55R	18	12	P43B0005A1	19	SMC-IR0511	4
		1/2	14	1	230	3NFL52-5-P4	28	28	N55R	18	12	P43B0005A2	18	SMC-CR0521	4
		3/4	19	1	230	3NFL72-5-P4	33	34	N75R	22	15	P43B0007A2	21	SMC-CR0721	4
		1	22	1	230	3NFL102-5-P4	37	39	N105R	26	17	P43B0010A2	23	SMC-CR1021	4
		1	22	3	230				N105R	25-1/4	17	P43B0010A3	23		
		1	22	3	460				N105R	25-1/4	17	P43B0010A4	23		
7/8	2 WIRE	1/2	11	1	115	2NFL51-8-P4	26	27	L7P4CJL	16	11	P42B0005A1	19		
		1/2	11	1	230	2NFL52-8-P4	26	27	L7P4CJL	16	11	P42B0005A2	19		
		3/4	15	1	230	2NFL72-8-P4	30	32	L7P4DJL	19	13	P42B0007A2	23		
		1	18	1	230	2NFL102-8-P4	34	37	L7P4EJL	22	15	P42B0010A2	25		
		1-1/2	22	1	230	2NFL152-8-P4	43	47	L7P4FJL	28	21	P42B0015A2	29		
	3 WIRE	1/2	10	1	115	3NFL51-8-P4	25-1/2	27	N58R	16	12	P43B0005A1	19	SMC-IR0511	4
		1/2	11	1	230	3NFL52-8-P4	26	27	N58R	16	11	P43B0005A2	18	SMC-CR0521	4
		3/4	15	1	230	3NFL72-8-P4	29	32	N78R	19	13	P43B0007A2	21	SMC-CR0721	4
		1	17	1	230	3NFL102-8-P4	31	35	N108R	20	14	P43B0010A2	23	SMC-CR0721	4
		1	17	3	230				N108R	22	17	P43B0010A3	23	SMC-CR1021	4
		1	17	3	460				N108R	22	17	P43B0010A4	23		
		1-1/2	22	1	230	3NFL152-8-P4	41	44	N158R	27-1/4	21	P43B0015A2	27		
		1-1/2	22	3	230				N158R	27-1/4	21	P43B0015A3	23	SMC-CR1521	7
		1-1/2	22	3	460				N158R	27-1/4	21	P43B0015A4	23		

†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. Discharge NPT is 1-1/4".

ORDERING INFORMATION

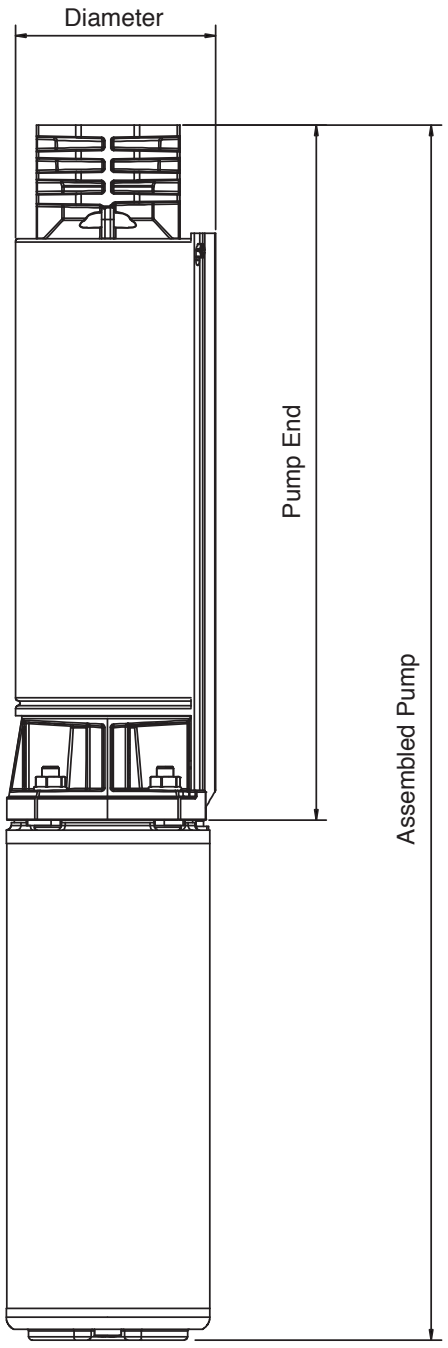
GPM	MOTOR TYPE	HP	STGS.	PH†	VOLT	ASSEMBLED PUMP			PUMP END			MOTOR		CONTROL BOX	
						CATALOG NUMBER	LENGTH INCHES*	WEIGHT POUNDS*	CATALOG NUMBER	LENGTH INCHES*	WEIGHT POUNDS*	CATALOG NUMBER	WEIGHT POUNDS*	CATALOG NUMBER	WEIGHT POUNDS*
10/12**	2 WIRE	1/2	8	1	115	2NFL51-12-P4	23	28	N512R	13	9	P42B0005A1	19		
		1/2	8	1	230	2NFL52-12-P4	23	28	N512R	13	9	P42B0005A2	19		
		3/4	11	1	230	2NFL72-12-P4	26	31	N712R	15	10	P42B0007A2	23		
		1	13	1	230	2NFL102-12-P4	29	35	N1012R	17	11	P42B0010A2	25		
		1-1/2	17	1	230	2NFL152-12-P4	35	42	N1512R	20	12	P42B0015A2	29		
	3 WIRE	1/2	7	1	115	3NFL51-12-P4	22-3/4	27-1/2	N512R	12-3/4	9	P43B0005A1	19	SMC-IR0511	4
		1/2	8	1	230	3NFL52-12-P4	23	28	N512R	13	9	P43B0005A2	19	SMC-CR0521	4
		3/4	11	1	230	3NFL72-12-P4	26	31	N712R	15	10	P43B0007A2	21	SMC-CR0721	4
		1	13	1	230	3NFL102-12-P4	29	35	N1012R	17	11	P43B0010A2	23	SMC-CR1021	4
		1	13	3	230				N1012R	15-1/2	10-1/4	P43B0010A3	23		
		1	13	3	460				N1012R	15-1/2	10-1/4	P43B0010A4	23		
		1-1/2	17	1	230	3NFL152-12-P4	34	42	N1512R	20	12	P43B0015A2	27	SMC-CR1521	7
		1-1/2	17	3	230				N1512R	19-3/4	12-1/2	P43B0015A3	23		
		1-1/2	17	3	460				N1512R	19-3/4	12-1/2	P43B0015A4	23		
15**	2 WIRE	1/2	6	1	115	2NFL51-15-P4	23	27	N515R	13	9	P42B0005A1	19		
		1/2	6	1	230	2NFL52-15-P4	23	27	N515R	13	9	P42B0005A2	19		
		3/4	8	1	230	2NFL72-15-P4	26	31	N715R	15	10	P42B0007A2	23		
		1	10	1	230	2NFL102-15-P4	30	35	N1015R	17	11	P42B0010A2	25		
		1-1/2	12	1	230	2NFL152-15-P4	36	43	N1515R	21	13	P42B0015A2	29		
	3 WIRE	1/2	5	1	115	3NFL51-15-P4	22-1/4	27	N515R	12-1/4	9	P43B0005A1	19	SMC-IR0511	4
		1/2	6	1	230	3NFL52-15-P4	23	27	N515R	13	9	P43B0005A2	19	SMC-CR0521	4
		3/4	8	1	230	3NFL72-15-P4	26	31	N715R	15	10	P43B0007A2	21	SMC-CR0721	4
		1	10	1	230	3NFL102-15-P4	30	35	N1015R	17	11	P43B0010A2	23	SMC-CR1021	4
		1	9	3	230				N1015R	15-1/2	10-1/4	P43B0010A3	23		
		1	9	3	460				N1015R	15-1/2	10-1/4	P43B0010A4	23		
		1-1/2	12	1	230	3NFL152-15-P4	34	41	N1515R	21	13	P43B0015A2	27	SMC-CR1521	7
		1-1/2	12	3	230				N1515R	20-1/4	13	P43B0015A3	23		
		1-1/2	12	3	460				N1515R	20-1/4	13	P43B0015A4	23		
20**	2 WIRE	3/4	6	1	230	2NFL72-20-P4	23-3/4	30	N720R	13	9	P42B0007A2	23		
		1	7	1	230	2NFL102-20-P4	27-1/4	34	N1020R	15	10	P42B0010A2	25		
		1-1/2	10	1	230	2NFL152-20-P4	32	39	N1520R	17	11	P42B0015A2	29		
	3 WIRE	3/4	6	1	230	3NFL72-20-P4	23-3/4	30	N720R	13	9	P43B0007A2	23	SMC-CR0721	4
		1	7	1	230	3NFL102-20-P4	27-1/4	34	N1020R	15	10	P43B0010A2	25	SMC-CR1021	4
		1	7	3	230				N1020R	15-1/2	10-1/4	P43B0010A3	23		
		1	7	3	460				N1020R	15-1/2	10-1/4	P43B0010A4	23		
		1-1/2	10	1	230	3NFL152-20-P4	30-1/2	39	N1520R	17	11	P43B0015A2	29	SMC-CR1521	7
		1-1/2	9	3	230				N1520R	16-3/4	10-3/4	P43B0015A3	23		
		1-1/2	9	3	460				N1520R	16-3/4	10-3/4	P43B0015A4	23		
		2	12	1	230				N2020R	20-1/4	12-1/2	P43B0020A2	31	SMC-CR2021	7
		2	12	3	230				N2020R	20-1/4	12-1/2	P43B0020A3	23		
		2	12	3	460				N2020R	20-1/4	12-1/2	P43B0020A4	23		
30**	2 WIRE	1	5	1	230	2NFL102-30-P4	26-1/2	35	N1030R	14	10	P42B0010A2	25		
		1-1/2	6	1	230	2NFL152-30-P4	30-1/2	39	N1530R	15-1/4	11	P42B0015A2	29		
	3 WIRE	1	5	1	230	3NFL102-30-P4	26-1/2	35	N1030R	14	10	P43B0010A2	23	SMC-CR1021	4
		1	5	3	230				N1030R	15-1/2	10-1/4	P43B0010A3	23		
		1	5	3	460				N1030R	15-1/2	10-1/4	P43B0010A4	23		
		1-1/2	6	1	230	3NFL152-30-P4	29	39	N1530R	15-1/4	11	P43B0015A2	27	SMC-CR1521	7
		1-1/2	6	3	230				N1530R	15-1/4	11	P43B0015A3	23		
		1-1/2	6	3	460				N1530R	15-1/4	11	P43B0015A4	23		
		2	8	1	230				N2030R	18-1/4	12	P43B0020A2	31	SMC-CR2021	7
		2	8	3	230				N2030R	18-1/4	12	P43B0020A3	23		
		2	8	3	460				N2030R	18-1/4	12	P43B0020A4	23		

†For all Pentek XE series three-phase motor options, see page 65.
*Length and Weight are approximate.

**For 10 GPM, 15 GPM, 20 GPM and 30 GPM discharge is 1-1/4" NPT.

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

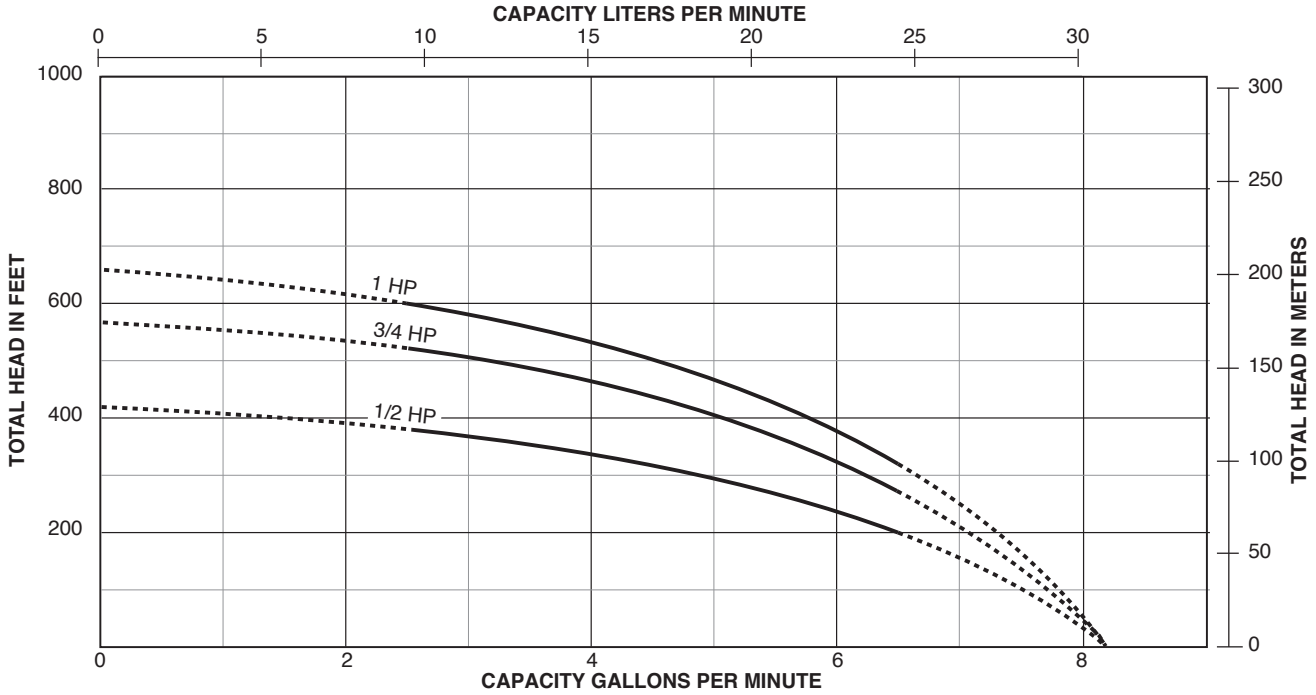
OUTLINE DIMENSIONS



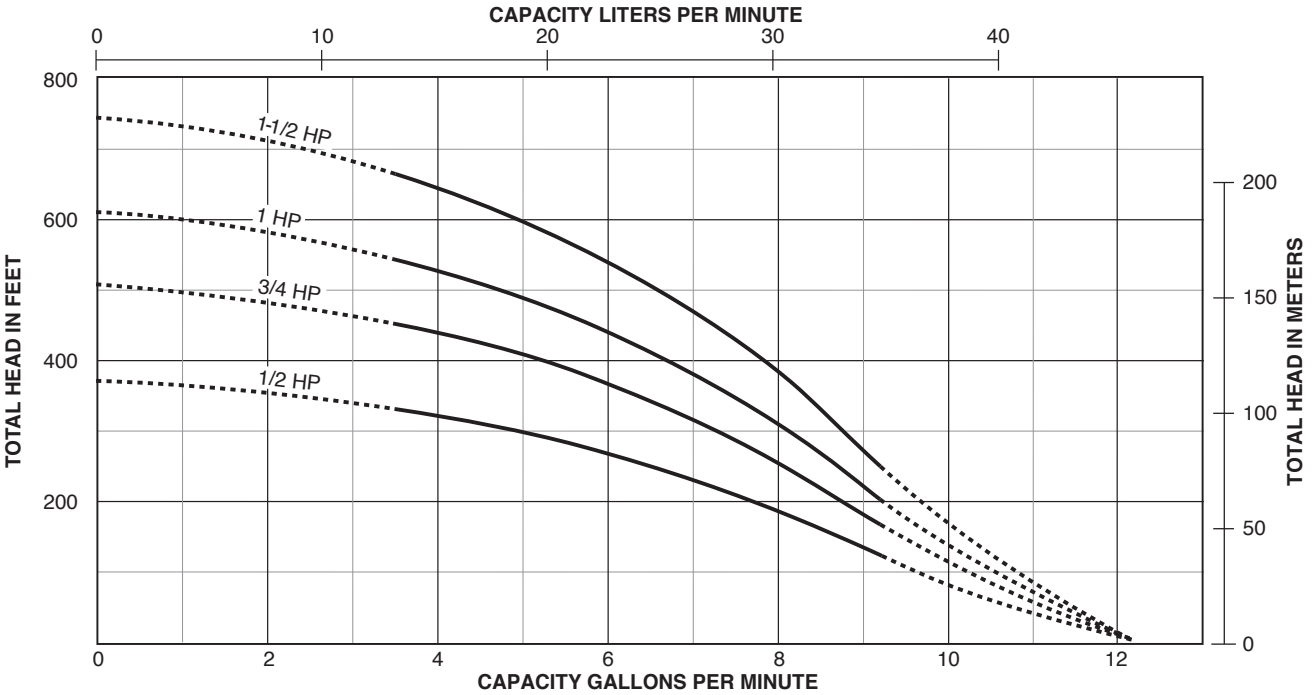
DISCHARGE	
5 GPM	1-1/4" NPT
7/8 GPM	1-1/4" NPT
10/12 GPM	1-1/4" NPT
15 GPM	1-1/4" NPT
20 GPM	1-1/4" NPT
30 GPM	1-1/4" NPT

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

PUMP PERFORMANCE: 5 GPM



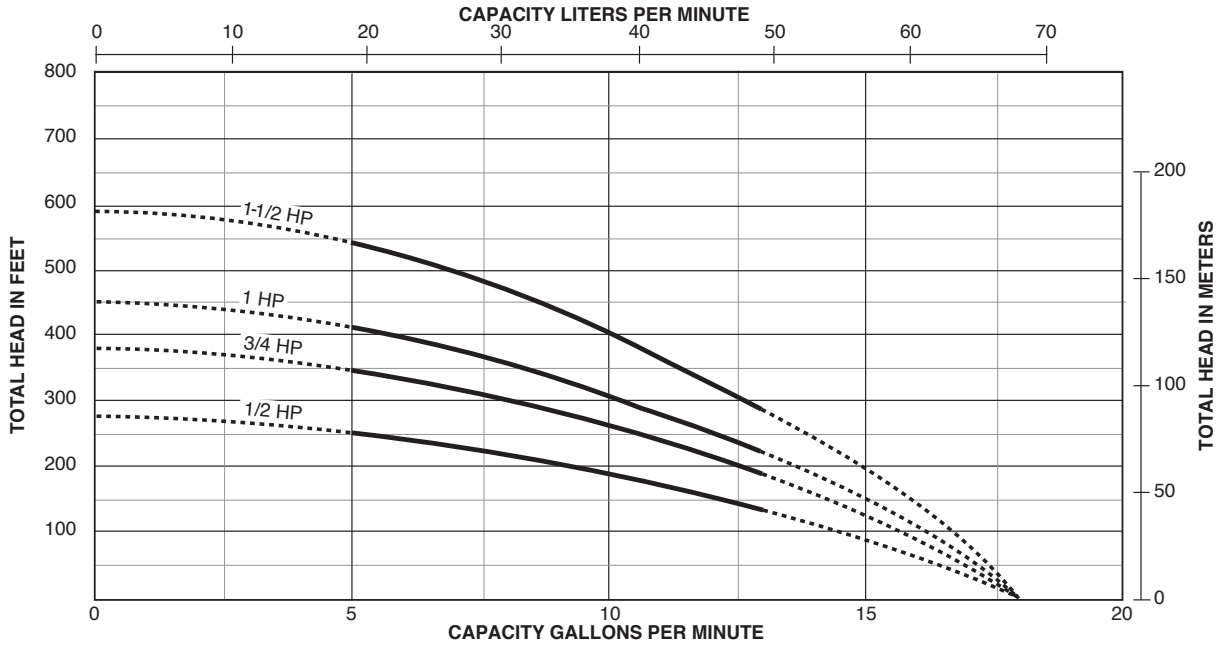
PUMP PERFORMANCE: 7/8 GPM



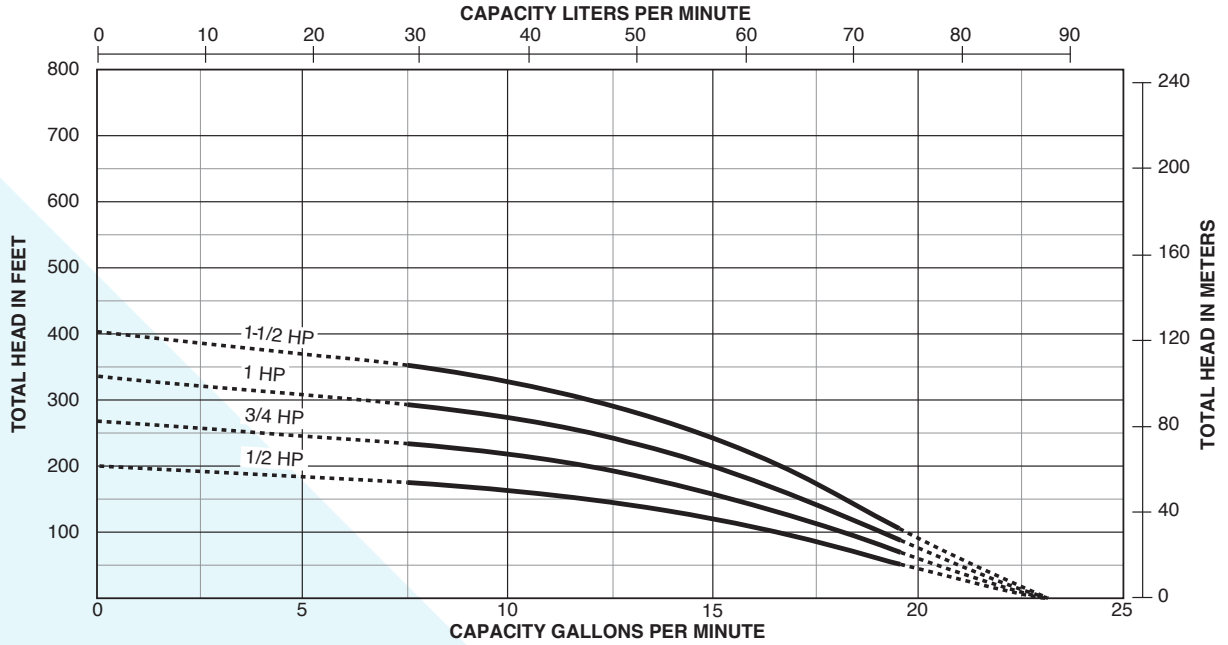
Tested and rated in accordance with Water Systems Council Standards.

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: 10/12 GPM



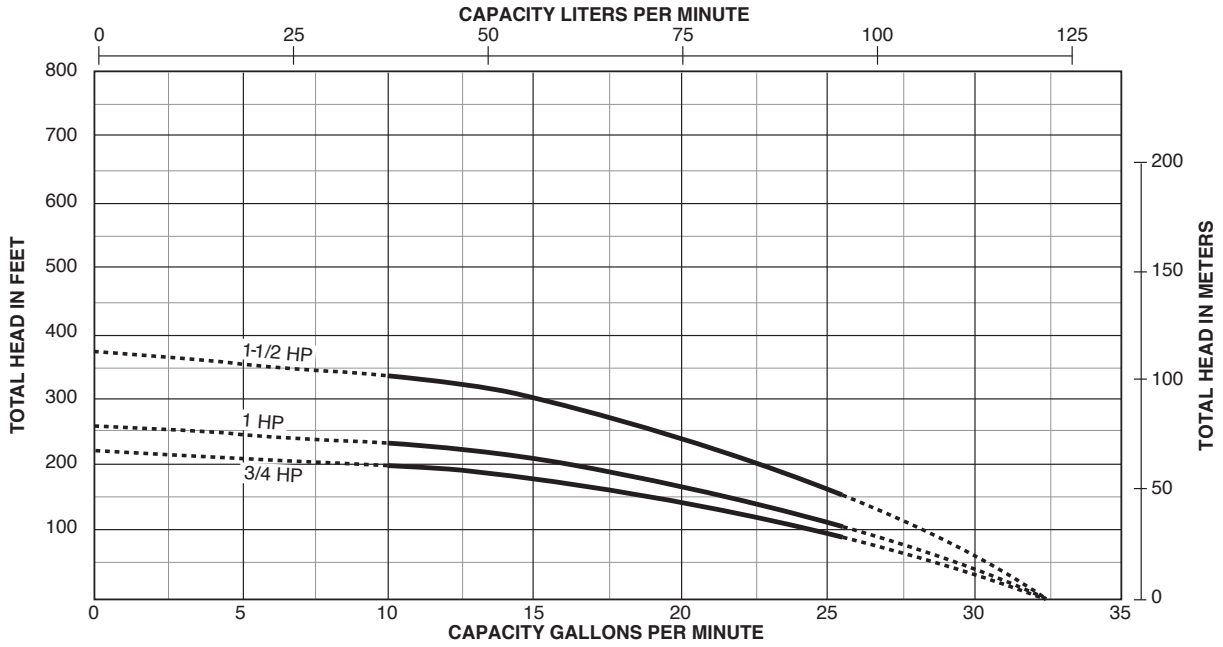
PUMP PERFORMANCE: 15 GPM



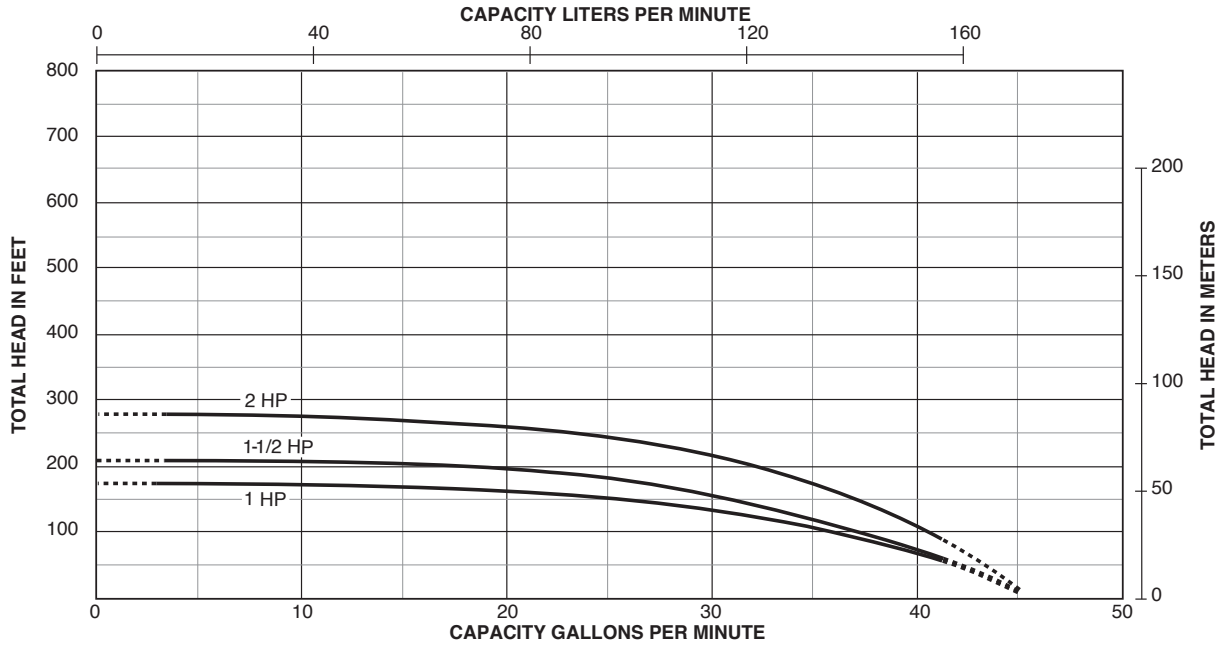
Tested and rated in accordance with Water Systems Council Standards.

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: 20 GPM



PUMP PERFORMANCE: 30 GPM



5 GALLONS PER MINUTE		PUMP PERFORMANCE (Capacity in gallons per minute)																																
		PUMPING DEPTH IN FEET																															SHUT-OFF HEAD	
HP	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	FEET	PSI
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										

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)																												
		PUMPING DEPTH IN FEET																											SHUT-OFF HEAD	
HP	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	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						

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)																										
		PUMPING DEPTH IN FEET																									SHUT-OFF HEAD	
HP	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	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	–	–	–	15.0	14.3	13.7	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						

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)																						
		PUMPING DEPTH IN FEET																					SHUT-OFF HEAD	
HP	PSI	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												

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.

20 GALLONS PER MINUTE		PUMP PERFORMANCE (Capacity in gallons per minute)																						
		PUMPING DEPTH IN FEET																					SHUT-OFF HEAD	
HP	PSI	0	20	40	60	80	100	120	140	160	180	200	220	240	260	280	300	320	340	360	380	400	FEET	PSI
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													

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)															
		PUMPING DEPTH IN FEET													SHUT-OFF HEAD	
HP	PSI	20	40	60	80	100	125	150	175	200	250	300	350	400	450	FEET	PSI
1	0	—	—	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										

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.

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