

MYERS® The Rustler 4" Submersible Pump

The Rustler 4" submersible pump is one of the most popular models in the Myers® line. They have an exceptional history of durability and trouble-free operation. Stainless steel design and self-lubricating impellers offer the best service for extreme conditions. The Rustler also includes the Pentek® XE Series, high-thrust motor for efficient performance and years of extended service.

APPLICATIONS

■ **Water systems...** residential, industrial, commercial, multiple housing and farm clean water use

SPECIFICATIONS

Shell – 300 Series Stainless Steel
Discharge – High-density composite resin
Discharge Bearing – Nylatron®
Impellers – Engineered composite
Diffusers – Engineered composite
Suction Caps – Engineered composite
Shaft and Coupling – 300 Series Stainless Steel
Intake Screen – High-density composite resin
Cable Guard – PVC
Check Valve – Acetal
Fasteners – 300 Series Stainless Steel

FEATURES

Leading Performer – Premium 4" submersible pump series field proven and preferred by industry pros.

True Grit – Self-lubricating impellers resist abrasion from grit and sand – outlasts the competition.

Awesome Power – Features the high-thrust Pentek XE motor for the ultimate in power, efficient performance and longer life. Thermal overload and lightning protected.

Built-in Safety – Built-in eyelet for safety line connection.

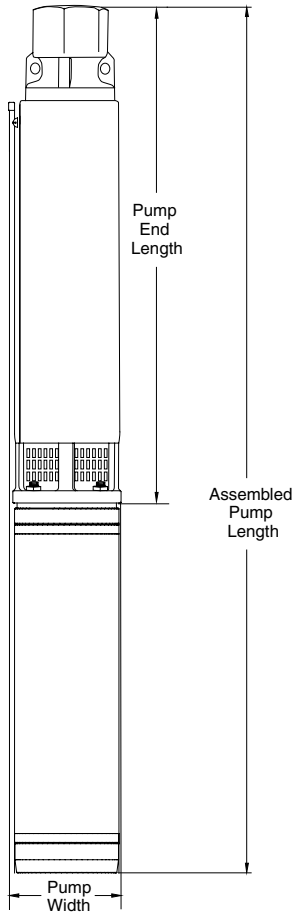
POWERED BY
PENTEK®



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OUTLINE DIMENSIONS



CABLE SELECTION

THREE WIRE CABLE, 60 Hz (Service Entrance to Motor – Maximum Length in Feet)

Motor Rating		AWG Copper Wire Size										
Volts	HP	14	12	10	8	6	4	3	2	1	0	00
115	1/2	87	138	221	349	544	867	1090	1376	1734	2188	2761
230	1/2	348	553	883	1398	2175	3467	4359	5505	6935	8753	11044
	3/4	264	420	670	1061	1651	2632	3309	4178	5264	6644	8383
	1	226	359	573	908	1413	2252	2831	3575	4504	5685	7173
	1-1/2	197	314	501	793	1234	1968	2474	3124	3936	4968	6268

TWO WIRE CABLE, 60 Hz (Service Entrance to Motor – Maximum Length in Feet)

Motor Rating		AWG Copper Wire Size										
Volts	HP	14	12	10	8	6	4	3	2	1	0	00
115	1/2	115	183	293	463	721	1150	1445	1825	2299	2902	3662
230	1/2	466	742	1183	1874	2915	4648	5843	7379	9295	11733	14803
	3/4	342	545	869	1376	2141	3413	4291	5419	6826	8617	10871
	1	241	383	611	968	1506	2400	3018	3811	4801	6060	7646
	1-1/2	199	317	505	801	1246	1986	2496	3153	3972	5013	6325

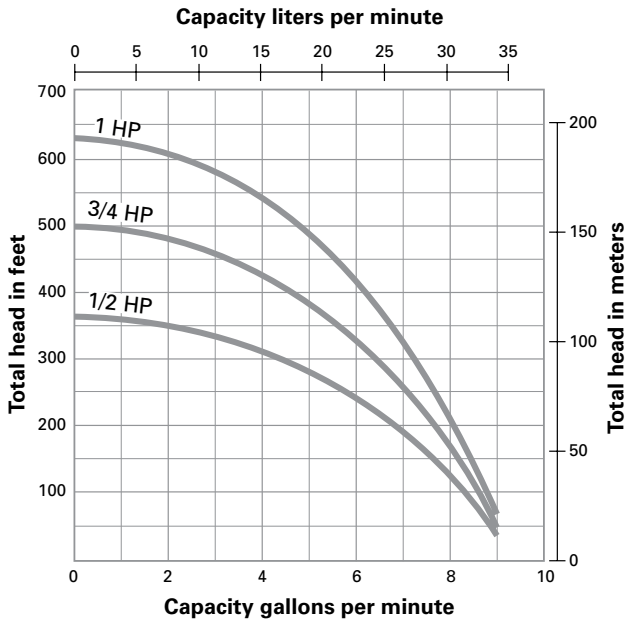
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ORDERING INFORMATION												
GPM	Motor Type	HP	Stg.	PH	Volt	Assembled Pump			Pump End		Pentek® Motor	Control Box
						Catalog Number	Length Inches*	Weight Pounds*	Catalog Number	Length Inches*	Catalog Number	Catalog Number
5	2-Wire	1/2	11	1	115	2NFL51-5-P4	24-3/4	33	N55R	15-1/4	P42B0005A1	
		1/2	11	1	230	2NFL52-5-P4	24-3/4	33	N55R	15-1/4	P42B0005A2	
		3/4	15	1		2NFL72-5-P4	28-3/4	35	N75R	18	P42B0007A2	
		1	19	1		2NFL102-5-P4	32-1/2	42	N105R	20-3/4	P42B0010A2	
	3-Wire	1/2	11	1	115	3NFL51-5-P4	24-3/4	30	N55R	15-1/4	P43B0005A1	SMC-IR0511
		1/2	11	1	230	3NFL52-5-P4	24-3/4	30	N55R	15-1/4	P43B0005A2	SMC-CR0521
		3/4	15	1		3NFL72-5-P4	28-3/4	34	N75R	18	P43B0007A2	SMC-CR0721
		1	19	1		3NFL102-5-P4	32-1/2	39	N105R	20-3/4	P43B0010A2	SMC-CR1021
8	2-Wire	1/2	9	1	115	2NFL51-8-P4	24-1/2	31	N58R	15	P42B0005A1	
		1/2	9	1	230	2NFL52-8-P4	24-1/2	31	N58R	15	P42B0005A2	
		3/4	12	1		2NFL72-8-P4	27-3/4	35	N78R	17	P42B0007A2	
		1	15	1		2NFL102-8-P4	31-1/2	40	N108R	19-3/4	P42B0010A2	
		1-1/2	20	1	2NFL152-8-P4	38-3/4	49	N158R	23-1/2	P42B0015A2		
	3-Wire	1/2	9	1	115	3NFL51-8-P4	24-1/2	29	N158R	15	P43B0005A1	SMC-IR0511
		1/2	9	1	230	3NFL52-8-P4	24-1/2	29	N58R	15	P43B0005A2	SMC-CR0521
		3/4	12	1		3NFL72-8-P4	27-3/4	33	N78R	17	P43B0007A2	SMC-CR0721
		1	15	1		3NFL102-8-P4	31-1/2	37	N108R	19-3/4	P43B0010A2	SMC-CR1021
		1-1/2	20	1	3NFL152-8-P4	37	39	N158R	23-1/2	P43B0015A2	SMC-CR1521	
12	2-Wire	1/2	7	1	115	2NFL51-12-P4	23-1/4	29	N512R	13-3/4	P42B0005A1	
		1/2	7	1	230	2NFL52-12-P4	23-1/4	29	N512R	13-3/4	P42B0005A2	
		3/4	9	1		2NFL72-12-P4	26-1/4	34	N712R	15-1/2	P42B0007A2	
		1	11	1		2NFL102-12-P4	29	38	N1012R	17-1/4	P42B0010A2	
		1-1/2	16	1	2NFL152-12-P4	36-3/4	45	N1512R	21-1/2	P42B0015A2		
	3-Wire	1/2	7	1	115	3NFL51-12-P4	23-1/4	28	N512R	13-3/4	P43B0005A1	SMC-IR0511
		1/2	7	1	230	3NFL52-13-P4	23-1/4	28	N512R	13-3/4	P43B0005A2	SMC-CR0521
		3/4	9	1		3NFL72-12-P4	26-1/4	33	N712R	15-1/2	P43B0007A2	SMC-CR0721
		1	11	1		3NFL102-12-P4	29	36	N1012R	17-1/2	P43B0010A2	SMC-CR1021
		1-1/2	16	1	3NFL152-12-P4	35	43	N1512R	21-1/2	P43B0015A2	SMC-CR1521	
20	2-Wire	3/4	6	1	230	2NFL72-20-P4	25-1/2	31	N720R	13-3/4	P42B0007A2	
		1	8	1		2NFL102-20-P4	27-1/2	36	N1020R	15-3/4	P42B0010A2	
		1-1/2	11	1		2NFL152-20-P4	34-1/4	43	N1520R	19	P42B0015A2	
	3-Wire	3/4	6	1	230	3NFL72-20-P4	25-1/2	31	N720R	13-3/4	P43B0007A2	SMC-CR0721
		1	8	1	3NFL102-20-P4	27-1/2	35	N1020R	15-3/4	P43B0010A2	SMC-CR1021	
		1-1/2	11	1	3NFL152-20-P4	32-1/2	41	N1520R	19	P43B0015A2	SMC-CR1521	

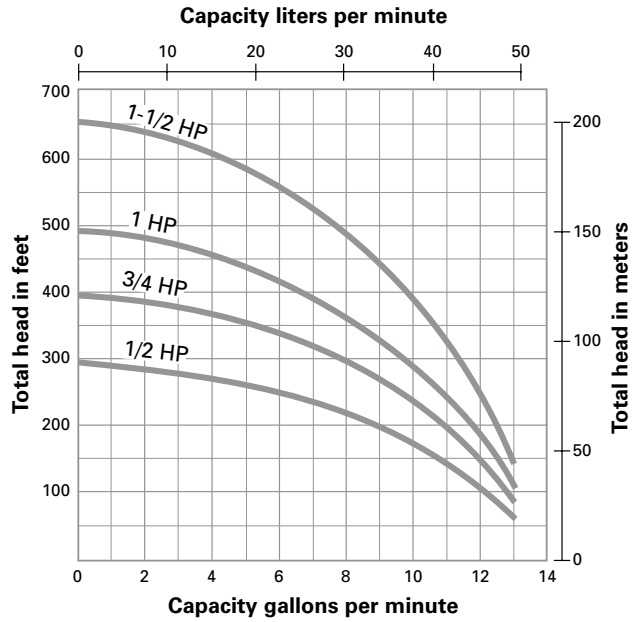
*Length and weight are approximate.

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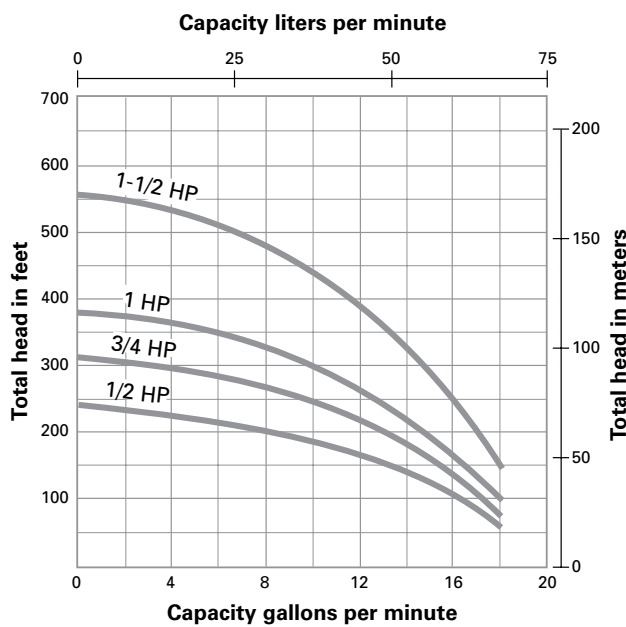
PUMP PERFORMANCE - 5 GPM



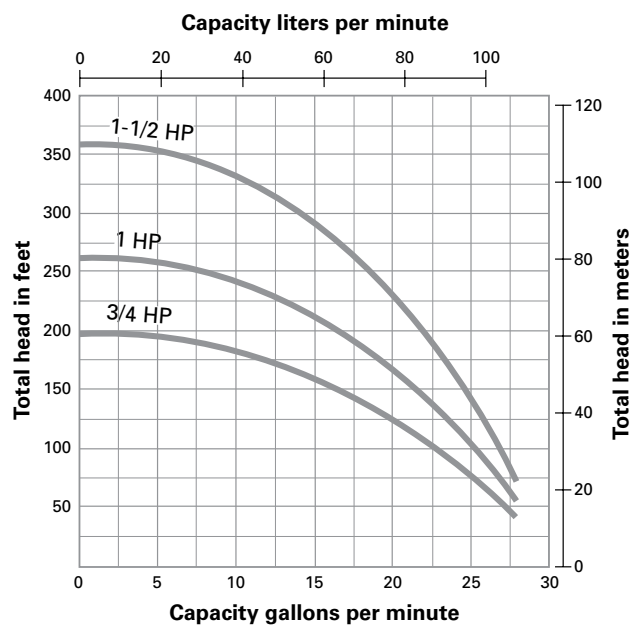
PUMP PERFORMANCE - 8 GPM



PUMP PERFORMANCE - 12 GPM



PUMP PERFORMANCE - 20 GPM



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PUMP PERFORMANCE																			
HP	2-Wire Cat. No.	3-Wire Cat. No.	Tank Pres.	Pumping Depth in Feet															
				20	40	60	80	100	120	140	160	180	200	250	300	350	400	450	500
5 GALLONS PER MINUTE																			
1/2	2NFL51-5-P4* 2NFL52-5-P4	3NFL51-5-P4* 3NFL52-5-P4	20/40 30/50 40/60					6.5	6.5 6.3	6.6 6.2 5.6	6.2 5.7 5.2	5.8 5.2 4.6	5.3 4.6 3.9	3.7					
3/4	2NFL72-5-P4	3NFL72-5-P4	20/40 30/50 40/60								6.7	6.5	6.6 6.2	6.1 5.7 5.3	5.3 4.8 4.3	4.2 3.5			
1	2NFL102-5-P4	3NFL102-5-P4	20/40 30/50 40/60											6.6	6.5 6.3 6.0	5.9 5.6 5.3	5.3 4.9 4.6	4.4 3.9 3.4	3.3 2.5
8 GALLONS PER MINUTE																			
1/2	2NFL51-8-P4* 2NFL52-8-P4	3NFL51-8-P4* 3NFL52-8-P4	20/40 30/50 40/60		10.8	10.8 10.1	11.0 10.1 9.3	10.3 9.3 8.3	9.5 8.3 7.1	8.5 7.2 5.7	7.5 5.8	6.0							
3/4	2NFL72-8-P4	3NFL72-8-P4	20/40 30/50 40/60				11.1	11.1 10.6	11.2 10.6 10.0	10.7 10.0 9.5	10.2 9.5 8.8	9.6 8.8 8.0	9.0 8.0 7.1	6.8 5.5					
1	2NFL102-8-P4	3NFL102-8-P4	20/40 30/50 40/60							10.9	10.9 10.5	11.0 10.5 10.0	10.6 10.0 9.5	9.3 8.7 8.1	7.9 7.0 6.2	5.8 4.7			
1-1/2	2NFL152-8-P4	3NFL152-8-P4	20/40 30/50 40/60											11.1 10.7 10.5	10.4 10.0 9.6	9.5 9.0 8.5	8.4 7.7 7.3	7.2 6.3 5.7	5.5 4.6
12 GALLONS PER MINUTE																			
1/2	2NFL51-12-P4* 2NFL52-12-P4	3NFL51-12-P4* 3NFL52-12-P4	20/40 30/50 40/60	14.5	14.5 13.0	15.0 13.0 11.5	13.5 11.5 9.8	12.0 9.8	10.3 7.2	8.0									
3/4	2NFL72-12-P4	3NFL72-12-P4	20/40 30/50 40/60		15.5	15.5 14.5	15.7 14.5 13.4	14.7 13.4 12.2	13.7 12.2 10.9	12.6 10.9 9.4	11.2 9.4 7.5	9.8 7.5	8.0						
1	2NFL102-12-P4	3NFL102-12-P4	20/40 30/50 40/60				15.3	15.3 14.5	15.5 14.5 13.5	14.7 13.5 12.6	13.7 12.6 11.6	12.7 11.6 10.5	11.9 10.5 9.2	8.7					
1-1/2	2NFL152-12-P4	3NFL152-12-P4	20/40 30/50 40/60								15.4	15.4 14.9	15.6 14.9 14.3	14.2 13.4 12.8	12.6 11.7 11.0	10.8 9.7 8.8	8.5		
20 GALLONS PER MINUTE																			
3/4	2NFL72-20-P4	3NFL72-20-P4	20/40 30/50 40/60	23.5 21.5 19.5	22.0 19.5 16.0	20.0 16.0	17.0												
1	2NFL102-20-P4	3NFL102-20-P4	20/40 30/50 40/60	24.0 23.0	24.5 23.0 21.5	23.0 21.5 20.0	22.0 20.0 17.5	20.5 17.5 14.5	18.0 14.5	15.5									
1-1/2	2NFL152-20-P4	3NFL152-20-P4	20/40 30/50 40/60		24.5 23.5	24.5 23.5 22.5	24.5 23.5 22.5 21.5	23.5 22.5 21.5	22.5 21.5 20.0	21.5 20.0 18.5	20.5 18.5 16.5	19.0 16.5 14.5	17.0 14.5 12.5						

All pumps wired for 230 volt operation.
 Values based on 1" minimum diameter pipe.
 *These 1/2 HP pumps are available with 115 Volt motors.

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