

JP Composite Series

5 and 7 GPM TrimLine



POWERED BY
PENTEK[®]



Precision-engineered, corrosion-resistant Composite Pumps in 5 and 7 GPM deliver efficient, dependable performance even in rough, aggressive water. Heads to over 850 feet and capacities to 10 GPM. Built to deliver long-term, trouble-free service.

These pumps feature the proven SignaSeal staging system. Floating stack design resists sand and reduces sand locking. The 5 and 7 GPM models are the smaller 3-3/4" diameter TrimLine .

APPLICATIONS

- **Water systems...** for residential, industrial, commercial, multiple housing and farm use.

SPECIFICATIONS

Shell – Stainless steel

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

Agency Listings – CSA

Check Valve – Acetal

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 wrench flats 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 – 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 poppet type check valve.

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

Intake Screen – Corrosion-proof polypropylene.

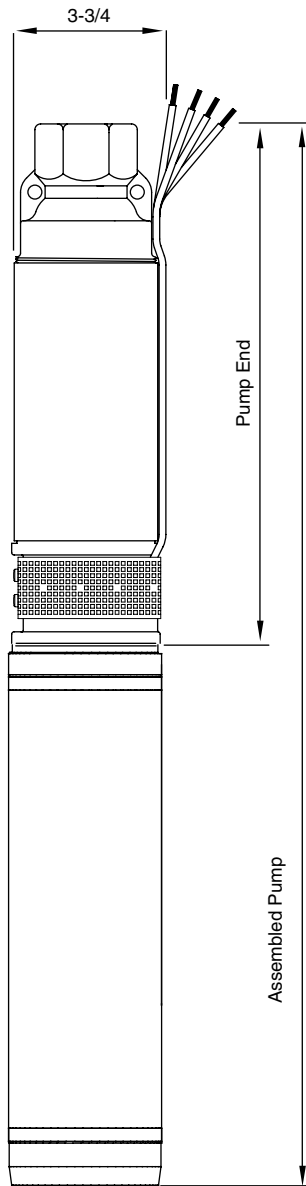
Pentek[®] XE Series Motor –

2 and 3 wire NEMA standard all stainless construction water filled motors.

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OUTLINE DIMENSIONS

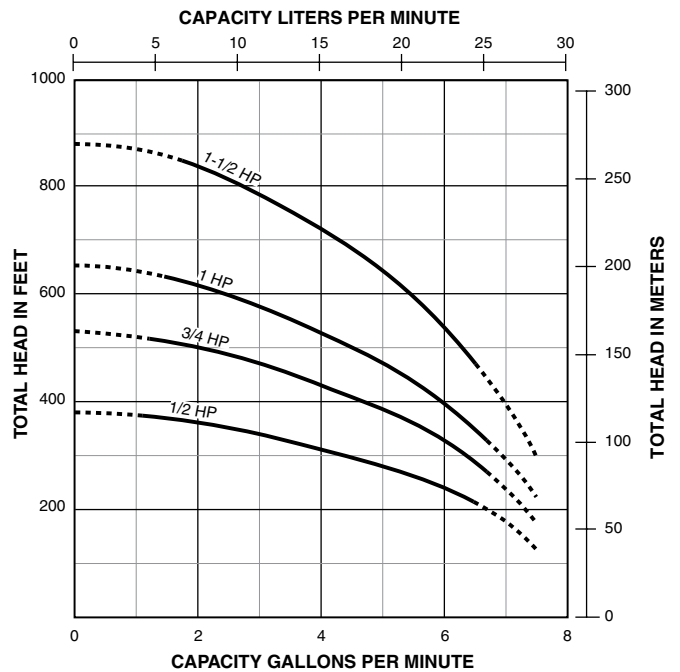


Discharge	
5 GPM	1-1/4" NPT
7 GPM	1-1/4" NPT

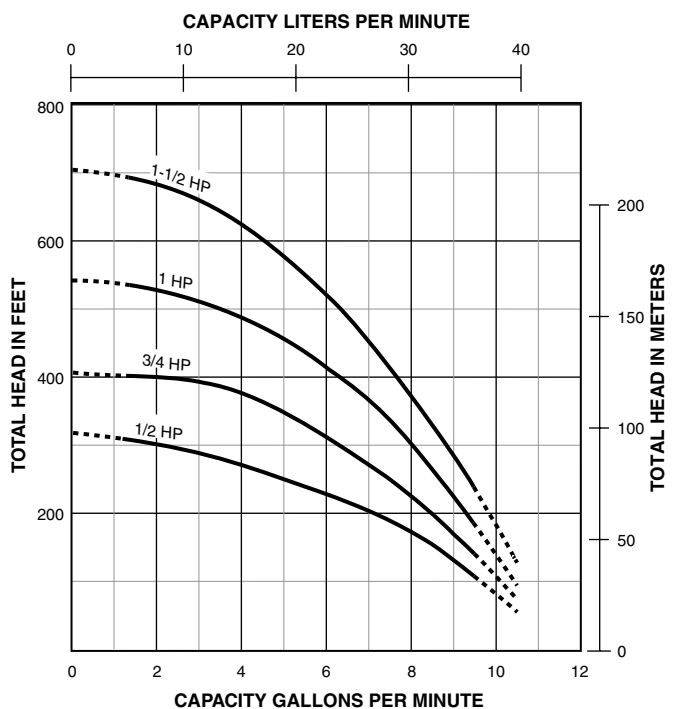
For dimensions, refer to ordering information table.

Dimensions (in inches) are for estimating purposes only.

PUMP PERFORMANCE - 5 GPM



PUMP PERFORMANCE - 7 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.

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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	13	1	115	B5P4JP05121	27-1/2	29	SL5P4CJ	18	12	P42B0005A1-C	19		
		1/2	13	1	230	B5P4JP05221	27-1/2	29	SL5P4CJ	18	12	P42B0005A2-C	19		
		3/4	18	1	230	B5P4JP07221	32-3/4	34	SL5P4DJ	22	15	P42B0007A2-C	23		
		1	22	1	230	B5P4JP10221	37	38	SL5P4EJ	25-1/4	17	P42B0010A2-C	25		
		1-1/2	30	1	230	B5P4JP15221	47	45	SL5P4FJ	32	21	P42B0015A2-C	29		
	3 Wire	1/2	13	1	115	B5P4JP05131	27-1/2	29	SL5P4CJ	18	12	P43B0005A1-C	19	SMC-IR0511	4
		1/2	13	1	230	B5P4JP05231	27-1/2	29	SL5P4CJ	18	12	P43B0005A2-C	18	SMC-CR0521	4
		3/4	18	1	230	B5P4JP07231	32-3/4	24	SL5P4DJ	22	15	P43B0007A2-C	21	SMC-CR0721	4
		1	22	1	230	B5P4JP10231	37	38	SL5P4EJ	25-1/4	17	P43B0010A2-C	23	SMC-CR1021	4
		1	22	3	230				SL5P4EJ	25-1/4	17	P43B0010A3-C	23		
		1	22	3	460				SL5P4EJ	25-1/4	17	P43B0010A4-C	23		
		1-1/2	30	1	230	B5P4JP15231	45-1/2	45	SL5P4FJ	32	21	P43B0015A2-C	27	SMC-CR1521	7
		1-1/2	30	3	230				SL5P4FJ	32	21	P43B0015A3-C	23		
	1-1/2	30	3	460				SL5P4FJ	32	21	P43B0015A4-C	23			
7	2 Wire	1/2	10	1	115	B7P4JP05121	25-1/2	27	SL7P4CJ	16	12	P42B0005A1-C	19		
		1/2	10	1	230	B7P4JP05221	25-1/2	27	SL7P4CJ	16	12	P42B0005A2-C	19		
		3/4	13	1	230	B7P4JP07221	29	32	SL7P4DJ	18-1/2	15	P42B0007A2-C	23		
		1	17	1	230	B7P4JP10221	33-3/4	37	SL7P4EJ	22	17	P42B0010A2-C	25		
		1-1/2	22	1	230	B7P4JP15221	42-1/2	47	SL7P4FJ	27-1/4	21	P42B0015A2-C	29		
	3 Wire	1/2	10	1	115	B7P4JP05131	25-1/2	27	SL7P4CJ	16	12	P43B0005A1-C	19	SMC-IR0511	4
		1/2	10	1	230	B7P4JP05231	25-1/2	27	SL7P4CJ	16	12	P43B0005A2-C	18	SMC-CR0521	4
		3/4	13	1	230	B7P4JP07231	29	32	SL7P4DJ	18-1/2	15	P43B0007A2-C	21	SMC-CR0721	4
		1	17	1	230	B7P4JP10231	33-3/4	37	SL7P4EJ	22	17	P43B0010A2-C	23	SMC-CR1021	4
		1	17	3	230				SL7P4EJ	22	17	P43B0010A3-C	23		
		1	17	3	460				SL7P4EJ	22	17	P43B0010A4-C	23		
		1-1/2	22	1	230	B7P4JP15231	41	44	SL7P4FJ	27-1/4	21	P43B0015A2-C	27	SMC-CR1521	7
		1-1/2	22	3	230				SL7P4FJ	27-1/4	21	P43B0015A3-C	23		
	1-1/2	22	3	460				SL7P4FJ	27-1/4	21	P43B0015A4-C	23			

*Length and Weight are approximate.

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

NOTE: Motor, Control Box or Magnetic Starter must be ordered separately.

Discharge NPT is 1-1/4".