

# 4" submersible pumps – 5 and 7 gpm TrimLine™



*Precision-engineered, corrosion-resistant Signature 2000® 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 patented 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** – UL and CSA
- Check Valve** – Acetal

## Signature 2000® COMPOSITE

### FEATURES

- Patented 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** – 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.
- Franklin Electric Motor** – 2 and 3 wire NEMA standard super stainless series water filled motors.

UL Classified to ANSI/NSF Standard 61, Drinking Water Systems Components – Health Effects



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In order to provide the best products possible, specifications are subject to change.



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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	5SP4C01JL	27-1/2	29	L5P4CJL	18	12	P218-1079C	22			
		1/2	13	1	230	5SP4C02JL	27-1/2	29	L5P4CJL	18	12	P218-1080C	22			
		3/4	18	1	230	5SP4D02JL	32-3/4	34	L5P4DJL	22	15	P218-1081C	26			
		1	22	1	230	5SP4E02JL	37	38	L5P4EJL	25-1/4	17	P218-1082C	29			
		1-1/2	30	1	230	5SP4F02JL	47	45	L5P4FJL	32	21	P218-1327C	39			
	3 Wire	1/2	13	1	115	5P4C01JL	27-1/2	29	L5P4CJL	18	12	P218-1072C	21	P217-809	3	
		1/2	13	1	230	5P4C02JL	27-1/2	29	L5P4CJL	18	12	P218-1073C	21	P217-810	3	
		3/4	18	1	230	5P4D02JL	32-3/4	24	L5P4DJL	22	15	P218-1074C	25	P217-811	3	
		1	22	1	230	5P4E02JL	37	38	L5P4EJL	25-1/4	17	P218-1075C	28	P217-812	3	
		1-1/2	30	1	230	5P4F02JL	45-1/2	45	L5P4FJL	32	21	P218-1076C	31	P217-813	6	
		1-1/2	30	3	230				L5P4FJL	32	21	P218-1330C	31	1095-K41	6	
		1-1/2	30	3	460				L5P4FJL	32	21	P218-1279C	31	1096-K33	6	
	7	2 Wire	1/2	10	1	115	7SP4C01JL	25-1/2	27	L7P4CJL	16	12	P218-1079C	22		
			1/2	10	1	230	7SP4C02JL	25-1/2	27	L7P4CJL	16	12	P218-1080C	22		
3/4			13	1	230	7SP4D02JL	29	32	L7P4DJL	18-1/2	15	P218-1081C	26			
1			17	1	230	7SP4E02JL	33-3/4	37	L7P4EJL	22	17	P218-1082C	29			
1-1/2			22	1	230	7SP4F02JL	42-1/2	47	L7P4FJL	27-1/4	21	P218-1327C	39			
3 Wire		1/2	10	1	115	7P4C01JL	25-1/2	27	L7P4CJL	16	12	P218-1072C	21	P217-809	3	
		1/2	10	1	230	7P4C02JL	25-1/2	27	L7P4CJL	16	12	P218-1073C	21	P217-810	3	
		3/4	13	1	230	7P4D02JL	29	32	L7P4DJL	18-1/2	15	P218-1074C	25	P217-811	3	
		1	17	1	230	7P4E02JL	33-3/4	37	L7P4EJL	22	17	P218-1075C	28	P217-812	3	
		1-1/2	22	1	230	7P4F02JL	41	44	L7P4FJL	27-1/4	21	P218-1076C	31	P217-813	6	
		1-1/2	22	3	230				L7P4FJL	27-1/4	21	P218-1330C	39	1095-K41	6	
		1-1/2	22	3	460				L7P4FJL	27-1/4	21	P218-1279C	39	1096-K33	6	

\*Length and Weight are approximate.

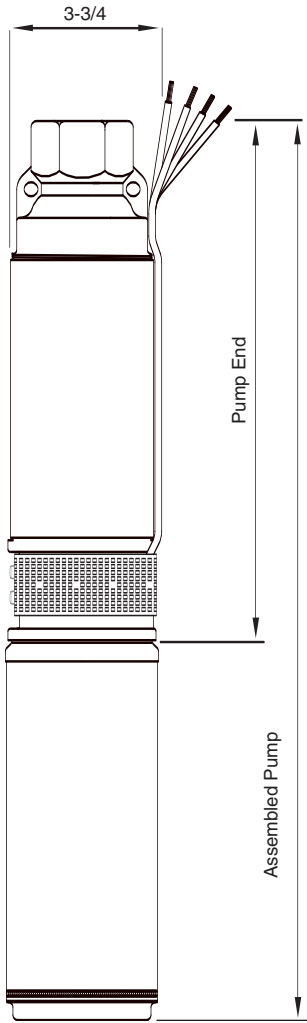
TrimLine™ version maximum outside diameter 3-3/4". Standard version maximum outside diameter 3-7/8".

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

Discharge NPT is 1-1/4".

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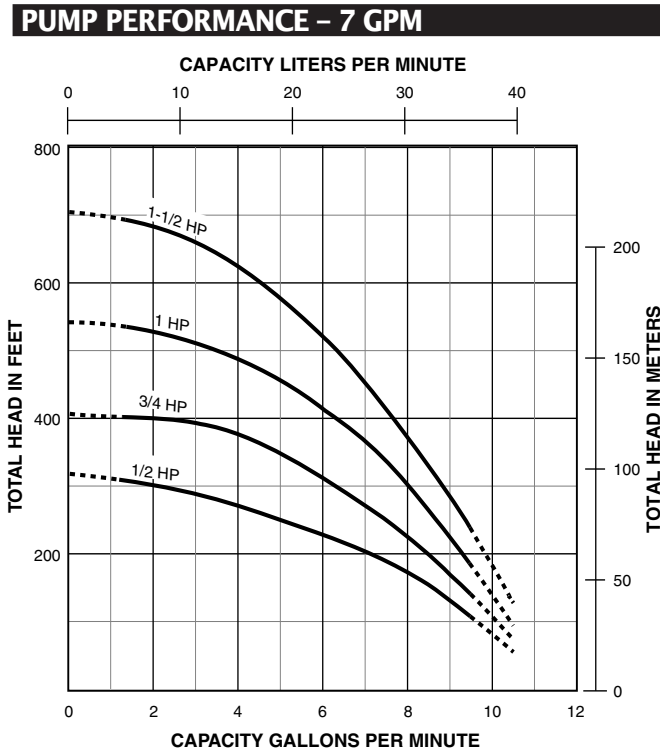
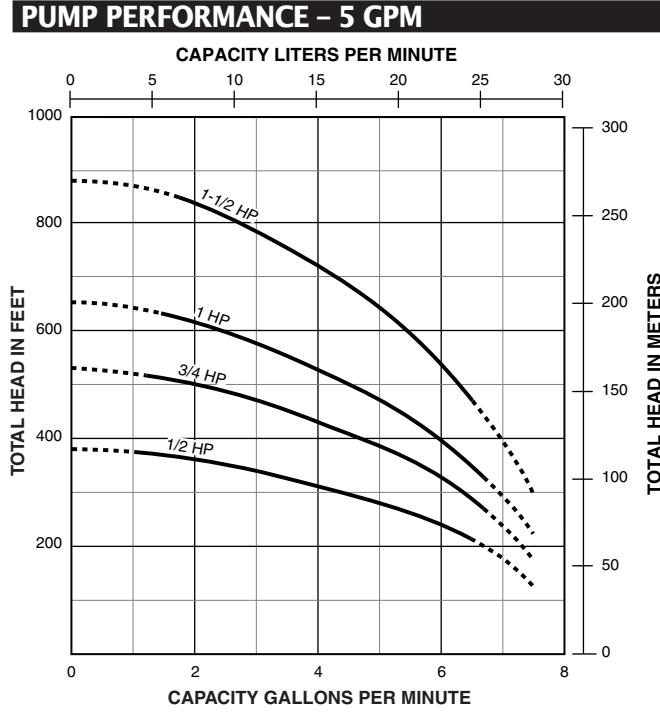
### OUTLINE DIMENSIONS



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.



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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