



high head multi-stage submersible effluent pumps

NOW AVAILABLE:

- Higher HP
- Higher GPM
- Longer Cords



The STEP Plus® 4" submersible filtered effluent pumps in 10, 20, 30 and 50 GPM models offer dependable performance and value for high pressure filtered effluent applications.

These STEP Plus pumps will handle "dry run" conditions where other manufacturers fail.

The 10, 20, 30 and 50 GPM are industry standard 3-3/4" in diameter.

APPLICATIONS

- **Filtered Effluent...** for residential, commercial, and agricultural use.

SPECIFICATIONS

Shell – Stainless steel

Discharge – 10, 20 and 30 GPM models: fiberglass-reinforced thermoplastic; 50 GPM models: stainless steel

Discharge Bearing – Nylatron®

Impellers – Delrin®

Diffusers – Polycarbonate

Suction Caps – Polycarbonate with stainless steel wear ring

Thrust Pads – Proprietary spec.

Shaft and coupling – Stainless steel 300 grade

Intake – Fiberglass-reinforced thermoplastic

Intake Screen – Polypropylene

Jacketed Cord – 300 Volt "SOOW" jacketed 10' leads (2-wire with ground); optional 20', 30', 50' and 100' lengths available

Delrin® is a registered trademark of E.I. DuPont de Nemours and Co. Nylatron® is a registered trademark of Polymer Corp. STEP Plus® is a registered trademark of Pentair Water. In order to provide the best products possible, specifications are subject to change.

STEP Plus®

STA-RITE EFFLUENT PUMP

FEATURES

Proven "Floating Impeller"

Staging System – Incorporates 1st-in-class performance, sand handling and thrust management staging system with the industry exclusive "dry-run" design element. Reinforced engineered composites and stainless steel, offering high resistance to corrosion and abrasion.

Discharge – Tested-tough, fiberglass-reinforced thermoplastic, with proven internal check valve. Large wrench flats and rope hole.

Shell – 300-grade stainless steel pump shell offers high corrosion resistance.

Shaft – Hexagonal 3/8", 300-grade stainless steel pump shaft; offers generous impeller drive surfaces.

Shaft Bearing – Exclusive self-lubricating Nylatron bearing resists wear surface from sand.

Motor Bracket – Tested-tough, fiberglass-reinforced thermoplastic; incorporates an integral suction screen.



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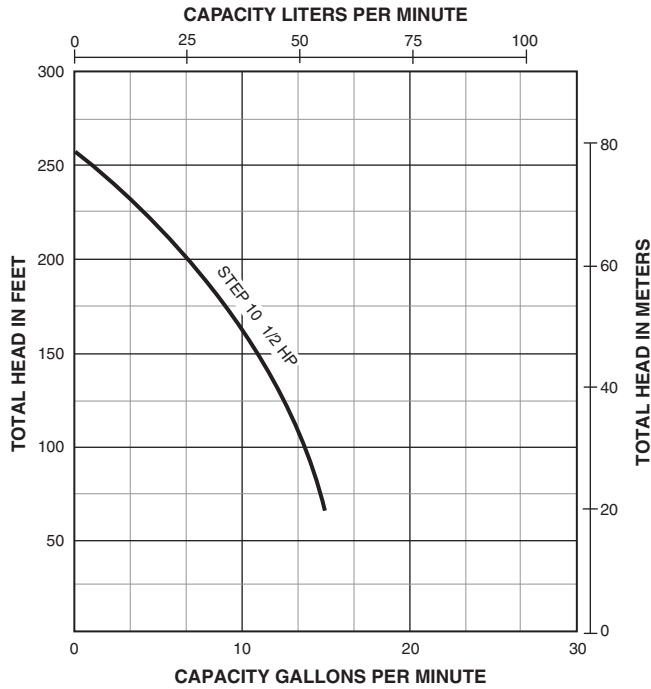
ORDERING INFORMATION						
Catalog Number	HP	Stages	Max. Load Amps	Volts	Phase/Cycles	Cord Length
STEP10	1/2	6	10.5	115	1/60	10'
STEP20	1/2	5	10.5	115	1/60	10'
STEP30-05121	1/2	3	9.5	115	1/60	10'
STEP30X20FT-05121	1/2	3	9.5	115	1/60	20'
STEP30X30FT-05121	1/2	3	9.5	115	1/60	30'
STEP30-05221	1/2	3	4.7	230	1/60	10'
STEP30X20FT-05221	1/2	3	4.7	230	1/60	20'
STEP30X30FT-05221	1/2	3	4.7	230	1/60	30'
STEP30-10221	1	5	9.1	230	1/60	10'
STEP30X20FT-10221	1	5	9.1	230	1/60	20'
STEP30X30FT-10221	1	5	9.1	230	1/60	30'
STEP30-15221	1-1/2	6	11.0	230	1/60	10'
STEP30X20FT-15221	1-1/2	6	11.0	230	1/60	20'
STEP30X30FT-15221	1-1/2	6	11.0	230	1/60	30'
STEP50-10221	1	3	9.1	230	1/60	10'
STEP50X20FT-10221	1	3	9.1	230	1/60	20'
STEP50X30FT-10221	1	3	9.1	230	1/60	30'
STEP50-15221	1-1/2	4	11.0	230	1/60	10'
STEP50X20FT-15221	1-1/2	4	11.0	230	1/60	20'
STEP50X30FT-15221	1-1/2	4	11.0	230	1/60	30'

PUMP PERFORMANCE				
Catalog Number	Gallons/Liters per Minute	Head (Feet/Meters)	PSI	
STEP10	0/0	255/78	110	
	5/19	228/69	99	
	10/38	170/52	74	
	12.5/47	120/37	52	
STEP20	0/0	180/55	78	
	7.5/28	160/49	69	
	15/57	135/41	58	
	20/76	115/35	50	
STEP20	25/95	75/23	32	
	STEP30-05221 & STEP30-05121	0/0	102/31	44
		8/30	100/30	43
		16/61	97/30	42
24/91		84/26	36	
30/114		68/21	29	
STEP30-10221	36/136	47/14	20	
	0/0	171/52	74	
	8/30	166/51	72	
	16/61	162/49	70	
	24/91	140/43	61	
STEP30-15221	30/114	114/35	49	
	36/136	78/24	34	
	0/0	206/63	89	
	8/30	203/62	88	
	16/61	199/61	86	
STEP50-10221	24/91	176/54	76	
	30/114	146/45	63	
	36/136	101/31	44	
	0/0	90/27	39	
	10/38	86/26	37	
	20/76	83/25	36	
	30/114	79/24	34	
STEP50-15221	40/152	71/22	31	
	50/190	62/19	27	
	60/227	49/15	21	
	70/265	27/8	12	
	0/0	120/37	52	
	10/38	115/35	50	
	20/76	110/34	48	
STEP50-15221	30/114	104/32	45	
	40/152	95/29	41	
	50/190	82/25	35	
	60/227	65/20	28	
	70/265	36/11	16	

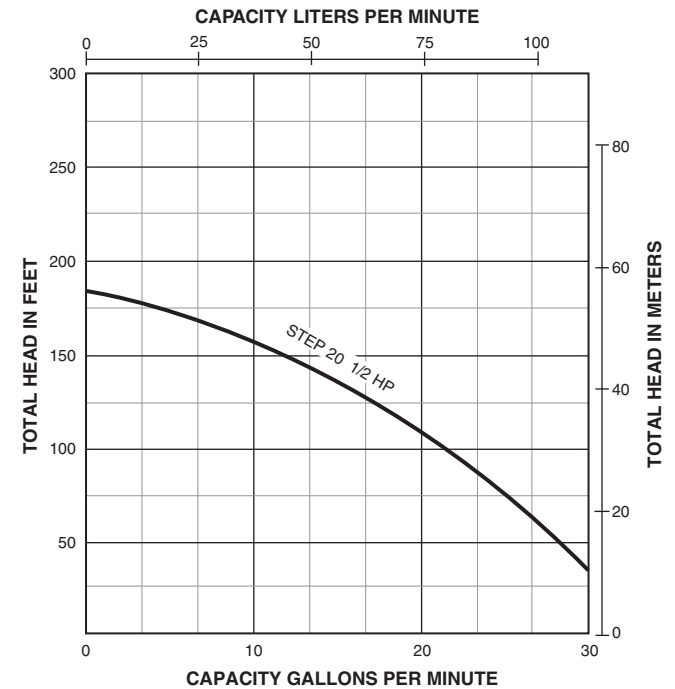


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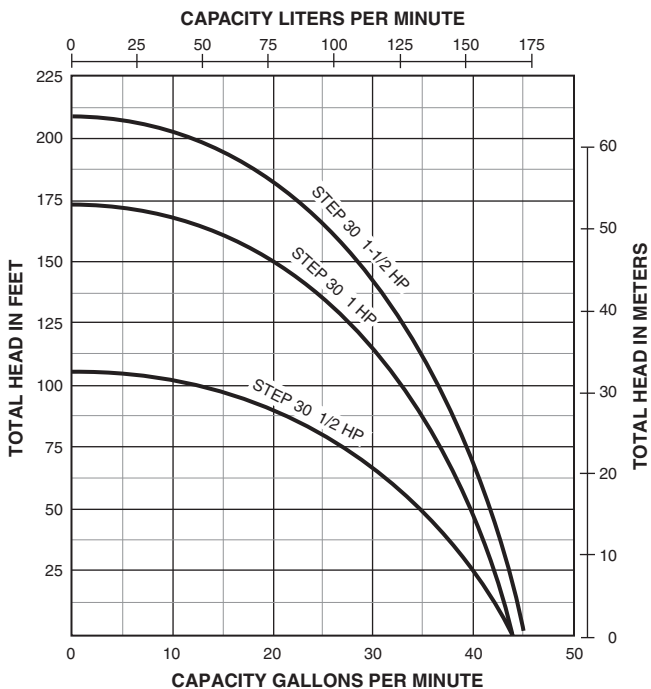
PUMP PERFORMANCE – 10 GPM



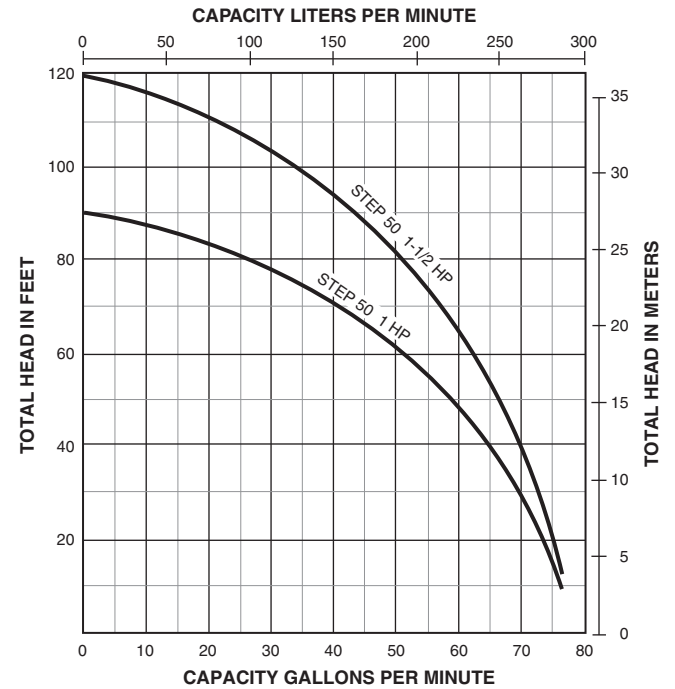
PUMP PERFORMANCE – 20 GPM



PUMP PERFORMANCE – 30 GPM



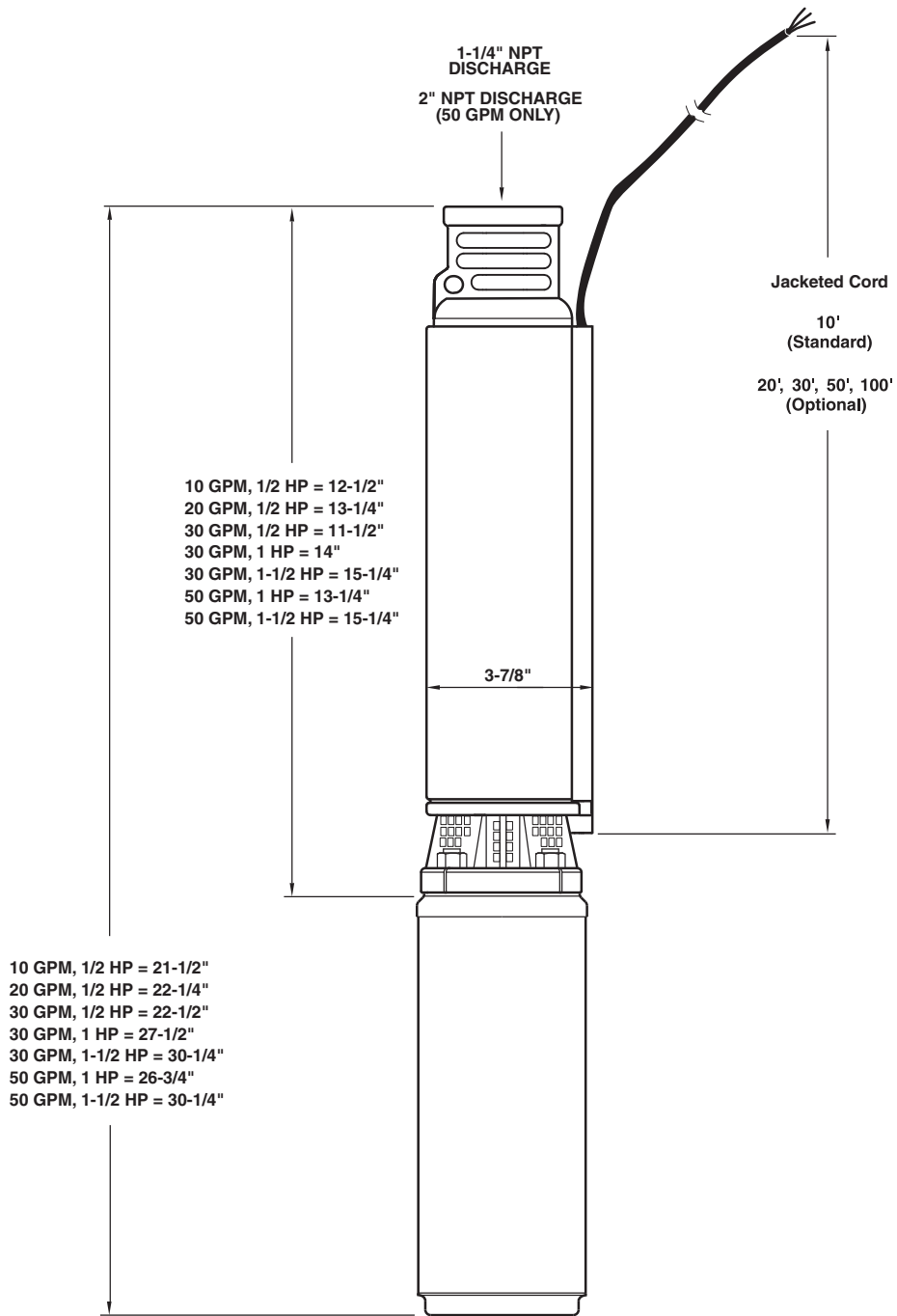
PUMP PERFORMANCE – 50 GPM





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OUTLINE DIMENSIONS



Dimensions (in inches) are for estimating purposes only.

