

Environmental Submersible Pumps

Grundfos 75S Teflon® Retrofitted Submersible Pumps

These Grundfos submersible pumps are made of stainless steel and retrofitted with Teflon® to handle the rigors of contaminated groundwater pumping and continuous operation in remediation applications. Built to deliver optimum efficiency during periods of high demand, all Grundfos pumps provide low, long-term operating costs and high operating reliability regardless of the application.

Grundfos Teflon® retrofitted submersibles meet government guidelines for environmental equipment and have been proven through extensive use in the field.

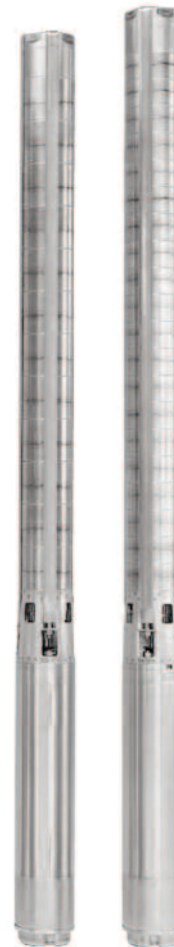
FEATURES

- **Made For 4" (10 cm) and Larger Wells**
Flow rates of 45 to 95 GPM (170.3 to 359.6 LPM).
- **State-of-the-art Hydraulics**
Pump efficiency is maximized by constant improvement of the high-performance hydraulic design, and precise manufacturing process.
- **Manufactured With High-grade Stainless Steel**
Rugged stainless steel construction inside and out resists corrosion and attack from aggressive liquids.
- **Wear-resistant Design**
Designed to flush abrasive particles from the pump, and made from stainless steel to resist wear caused by abrasives.
- **Built-in Check Valve**
Prevents back-flow into the well once the pump is shut down.
- **User Friendly Cable Guard For Easy Installation**
- **2 to 10 HP Motors**
Stainless steel construction and quality design.
- **Motor Controls and Protection**
Available controls to protect the motor against burnout and dry-running, plus the ability to monitor the system allowing the user to optimize settings.

OPERATION

Typical clean-up operations include water table depression techniques to isolate and remove dissolved contaminants.

With correct placement of the recovery well and proper sizing of the depression pump, the water table is depressed to stop and reverse the movement of the contamination plume. Once isolated, the contaminant is removed for treatment, re-use, or proper disposal.



GRUNDFOS 

*Geotech is a Certified
Grundfos Master Distributor*

CALL GEOTECH TODAY (800) 833-7958

Geotech Environmental Equipment, Inc.

2650 East 40th Avenue • Denver, Colorado 80205

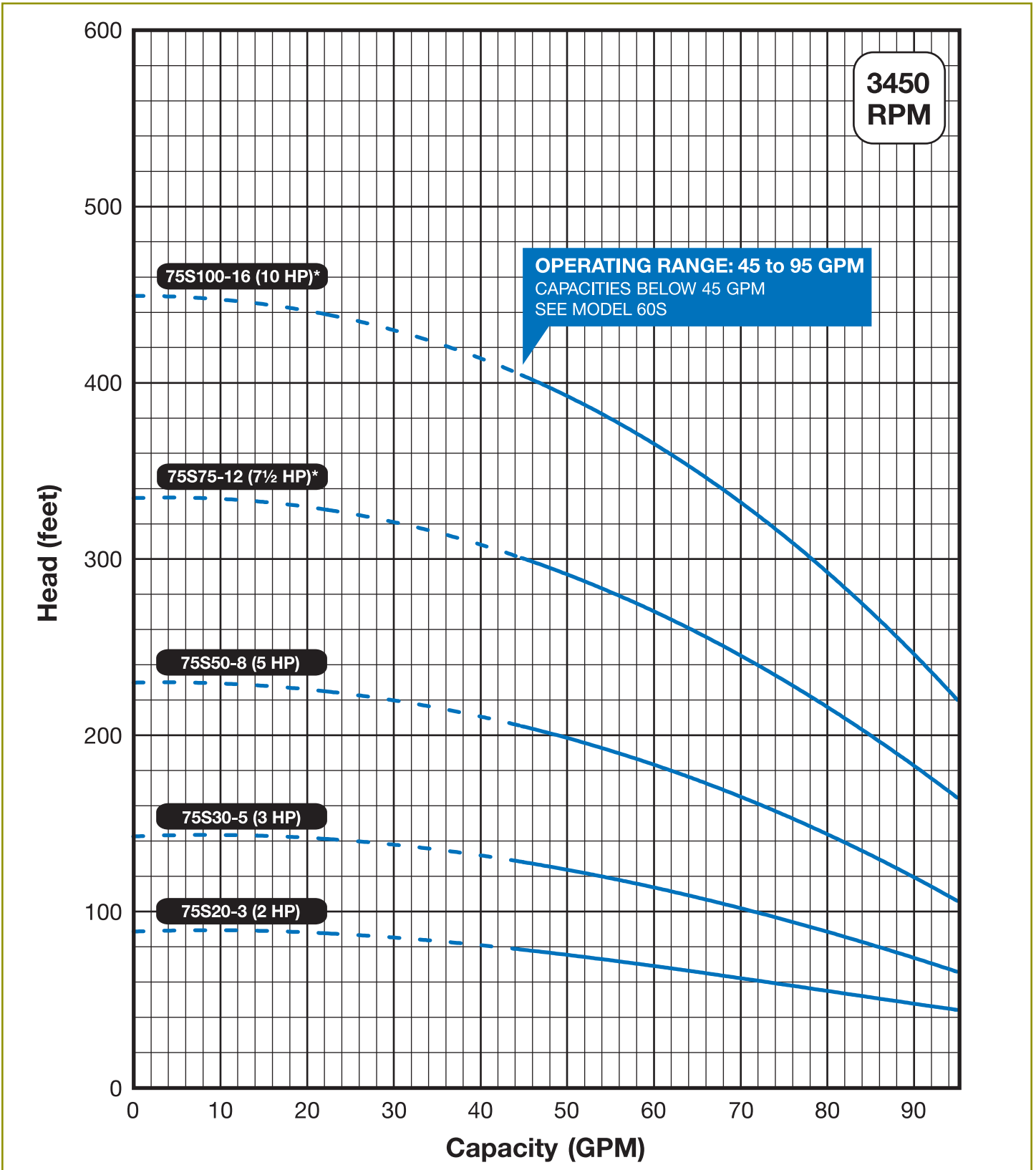
(303) 320-4764 • **(800) 833-7958** • FAX (303) 322-7242

email: sales@geotechenv.com website: www.geotechenv.com

FLOW RANGE: 45 - 95 GPM

OUTLET SIZE: 2" NPT

NOMINAL DIA. 4"



Specifications subject to change without notice.

* Also available with 6" motor. Performance is the same only at Best Efficiency Point.

Consult factory for actual performance.

Performance conforms to ISO 2548 Annex B @ 5 ft. minimum submergence.

DIMENSIONS & WEIGHTS

Model No.	HP	Motor Size		Discharge Size	Dimensions												Approximate Shipping Wt.	
		In.	CM		A		B		C		D		E		Lbs.	Kg		
75S20-3	2	4	10	2" NPT	30	76.2	15.1	38.4	14.9	37.8	3.8	9.7	3.9	9.9	38	17.2		
75S30-5	3	4	10	2" NPT	40.7	103.4	20.6	52.3	20.1	51.1	3.8	9.7	3.9	9.9	64	29.0		
75S50-8	5	4	10	2" NPT	51.4	130.6	23.6	59.9	27.8	70.6	3.8	9.7	3.9	9.9	78	35.4		
75S75-12*	7½	4	10	2" NPT	67.5	171.5	29.6	75.2	37.9	96.3	3.8	9.7	3.9	9.9	100	45.4		
75S100-16*	10	4	10	2" NPT	92.1	233.9	43.9	111.5	48.2	122.4	3.8	9.7	3.9	9.9	155	70.3		

NOTES: All models suitable for use in 4" (10 cm) wells, unless otherwise noted.

Weights include pump end with motor in lbs.

*Also available with 6" (15 cm) motor.

Performance is the same only at Best Efficiency Point.

Consult factory for actual performance.

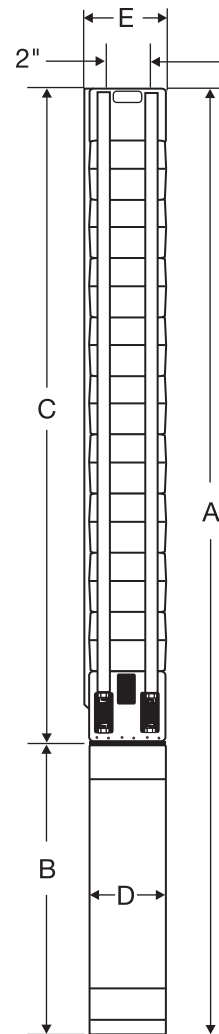
MATERIALS OF CONSTRUCTION

COMPONENT	CYLINDRICAL SHAFT (3-16 Stgs.)
Check Valve Housing	304 Stainless Steel
Check Valve	304 Stainless Steel
Diffuser Chamber	304 Stainless Steel
Impeller	304 Stainless Steel
Suction Interconnector	304 Stainless Steel
Inlet Screen	304 Stainless Steel
Pump Shaft	431 Stainless Steel
Strapes	304 Stainless Steel
Cable Guard	304 Stainless Steel
Priming Inducer	316 Stainless Steel
Coupling	329/420/431 Stainless Steel**
Check Valve Seat	NBR/316 Stainless Steel
Top Bearing	Teflon®/316 Stainless Steel
Impeller Seal Ring	Teflon®/316 Stainless Steel
Intermediate Bearings	Teflon®/316 Stainless Steel
Shaft Washer	LCP (Vectra®)
Split Cone	304 Stainless Steel
Split Cone Nut	304 Stainless Steel
Coupling Key	Not Required**

NOTES: Specifications are subject to change without notice.

Vectra® is a registered trademark of Hoechst Calanese Corporation.

** If using 6" non-standard motors, refer to 329/416 Stainless Steel for coupling and 302/304 for the coupling key.



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