

# Environmental Submersible Pumps

## **Grundfos 625S 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 10" (25.4 cm) and Larger Wells**  
Flow rates of 125 to 850 GPM (473.2 to 3,217.6 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**
- **15 to 150 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.**

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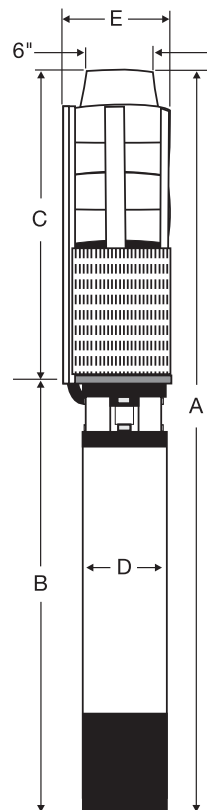
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**DIMENSIONS & WEIGHTS**

Model No.	HP	Motor Size		Discharge Size	Dimensions										Approximate Shipping Wt.	
		In.	CM		A		B		C		D		E		Lbs.	Kg
625S150-1A	15	6	15	6" NPT	50.6	128.5	25	63.5	25.6	65.0	5.4	13.7	8.3	21.1	208	94.3
625S250-1	25	6	15	6" NPT	58.7	149.1	33.1	84.1	25.6	65.0	5.4	13.7	8.3	21.1	235	106.6
625S300-2AA	30	6	15	6" NPT	63.8	162.1	32	81.3	31.8	80.8	5.4	13.7	8.3	21.1	296	134.3
625S400-2A	40	6	15	6" NPT	66.2	168.1	34.4	87.4	31.8	80.8	5.4	13.7	8.3	21.1	307	139.3
625S400-2*	40	6	15	6" NPT	66.2	168.1	34.4	87.4	31.8	80.8	5.4	13.7	8.3	21.1	320	145.1
625S500-3AA*	50	6	15	6" NPT	93.6	237.7	55.7	141.5	37.9	96.3	5.4	13.7	8.3	21.1	415	188.2
625S600-3A*	60	6	15	6" NPT	99.6	253.0	61.7	156.7	37.9	96.3	5.4	13.7	8.3	21.1	448	203.2
625S600-3*	60	6	15	6" NPT	99.6	253.0	61.7	156.7	37.9	96.3	5.4	13.7	8.3	21.1	448	203.2
625S750-4AA	75	8	20	6" NPT	91.4	232.2	47.4	120.4	44	111.8	7.5	19.1	8.6	21.8	560	254.0
625S750-4A	75	8	20	6" NPT	91.4	232.2	47.4	120.4	44	111.8	7.6	19.3	8.6	21.8	560	254.0
625S1000-4	100	8	20	6" NPT	98.9	251.2	54.9	139.4	44	111.8	7.6	19.3	8.6	21.8	638	289.4
625S1000-5AA	100	8	20	6" NPT	105	266.7	54.9	139.4	50.1	127.3	7.6	19.3	8.6	21.8	661	299.8
625S1000-5A	100	8	20	6" NPT	105	266.7	54.9	139.4	50.1	127.3	7.6	19.3	8.6	21.8	661	299.8
625S1000-5	100	8	20	6" NPT	105	266.7	54.9	139.4	50.1	127.3	7.6	19.3	8.6	21.8	661	299.8
625S1250-6AA	125	8	20	6" NPT	125	317.5	68.8	174.8	56.2	142.7	7.7	19.6	8.6	21.8	855	387.8
625S1250-6A	125	8	20	6" NPT	125	317.5	68.8	174.8	56.2	142.7	7.7	19.6	8.6	21.8	855	387.8
625S1250-6	125	8	20	6" NPT	125	317.5	68.8	174.8	56.2	142.7	7.7	19.6	8.6	21.8	855	387.8
625S1250-7AA	125	8	20	6" NPT	131.2	333.2	68.8	174.8	62.4	158.5	7.7	19.6	8.6	21.8	890	403.7
625S1500-7A	150	8	20	6" NPT	140.2	356.1	77.8	197.6	62.4	158.5	7.7	19.6	8.6	21.8	983	445.9
625S1500-7	150	8	20	6" NPT	140.2	356.1	77.8	197.6	62.4	158.5	7.7	19.6	8.6	21.8	983	445.9

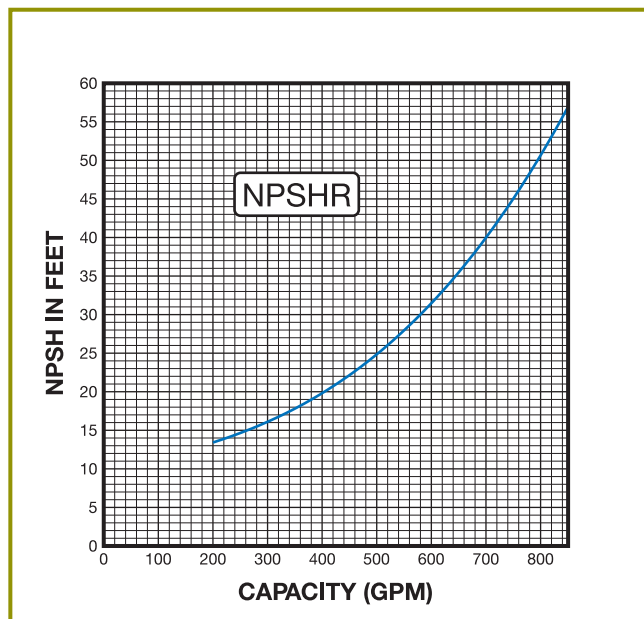
NOTES: All models suitable for use in 10" (25.4 cm) wells, unless otherwise noted.  
Weights include pump end with motor in lbs.  
\*Alternate motor sizes available.



**MATERIALS OF CONSTRUCTION**

COMPONENT	CYLINDRICAL SHAFT (1-7 Stgs.)
Valve Housing	304 Stainless Steel
Check Valve	304 Stainless Steel
Diffuser Chamber	304 Stainless Steel
Split Cone Nut	304 Stainless Steel
Split Cone	304 Stainless Steel
Impeller	304 Stainless Steel
Suction Interconnector	304 Stainless Steel
Inlet Screen	304 Stainless Steel
Straps	304 Stainless Steel
Cable Guard	304 Stainless Steel
Coupling	316/329 Stainless Steel
Pump Shaft	431 Stainless Steel
Intermediate Bearings	Teflon
Impeller Seal Ring	Teflon
Check Valve Seat	NBR/316 Stainless Steel
Top Bearing	NBR/304 Stainless Steel
Upthrust Disc	Carbon/Graphite HY22
Check Valve Spring	401 Stainless Steel
O-Ring	NBR
Valve Seat	304 Stainless Steel
Lower Valve Seat Retainer	304 Stainless Steel
Upper Valve Seat Retainer	316 Stainless Steel
Valve Guide	304 Stainless Steel

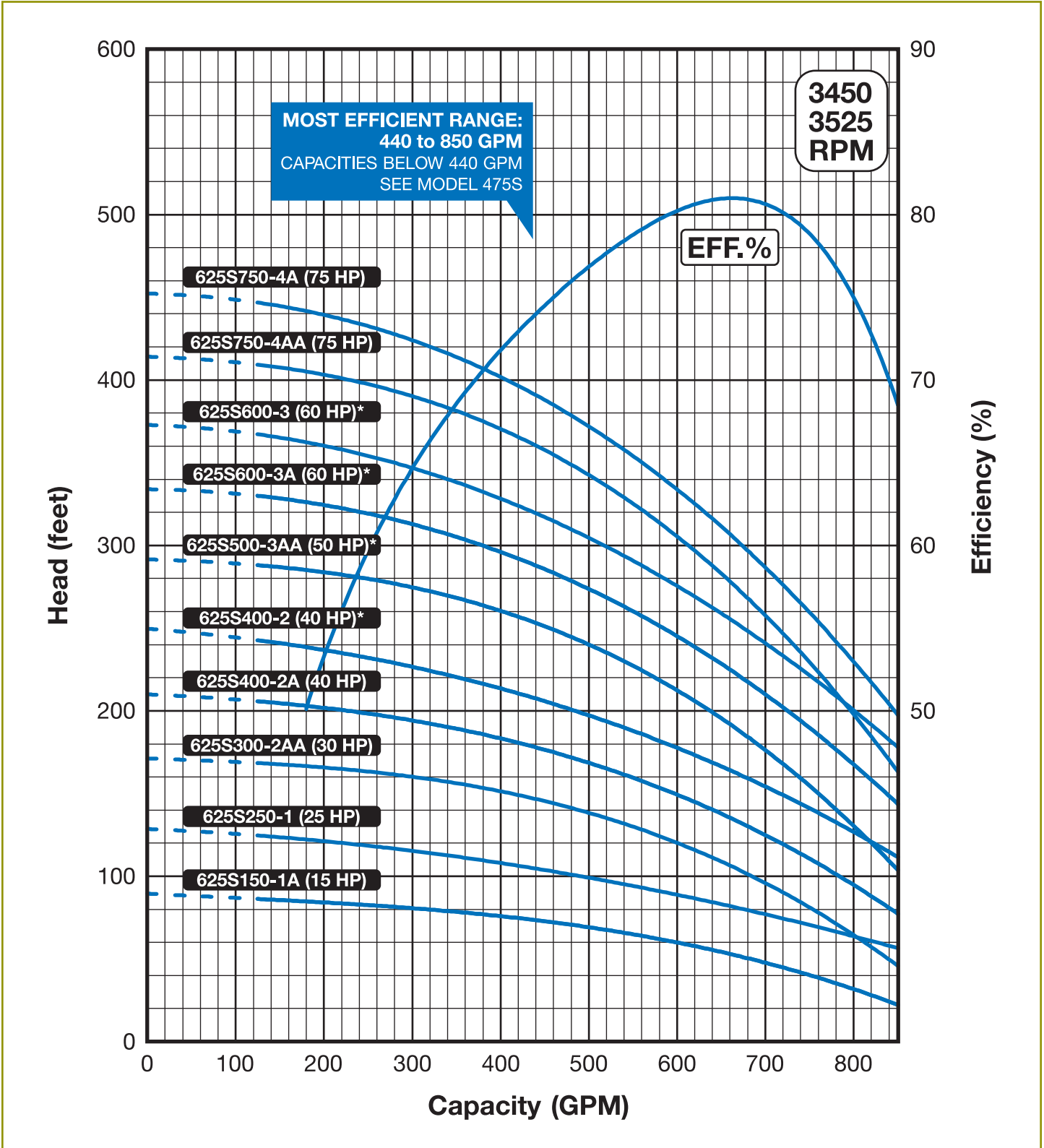
NOTES: Specifications are subject to change without notice.



FLOW RANGE: 125 - 850 GPM

OUTLET SIZE: 6" NPT

NOMINAL DIA. 10"



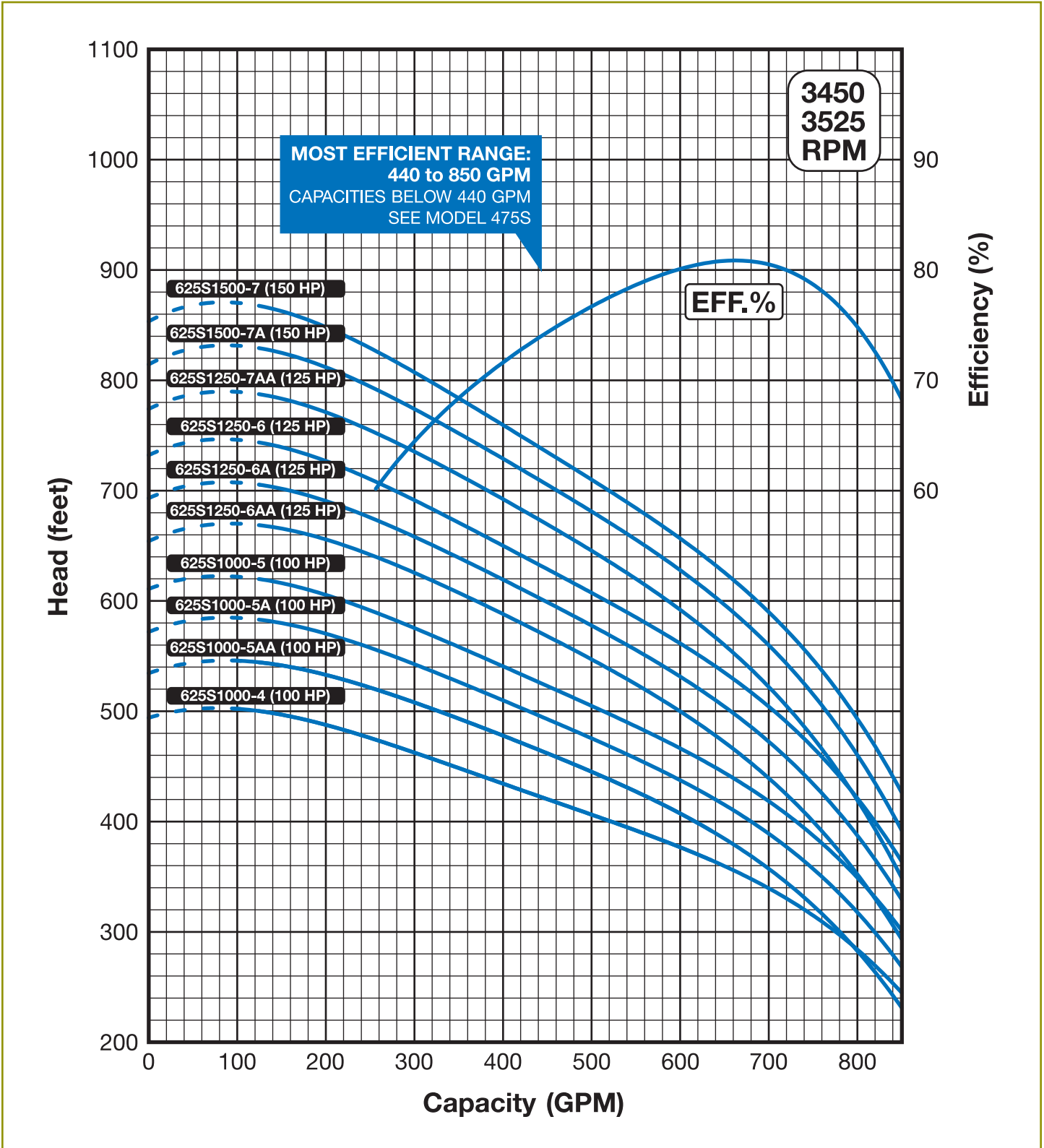
Specifications subject to change without notice.

6" motor standard, 15-60 HP/3450 RPM.

8" motor standard, 75-150 HP/3525 RPM.

\* Alternate motor sizes available.

Performance conforms to ISO 9906 Annex A @ 10 ft. minimum submergence.



Specifications subject to change without notice.  
6" motor standard, 15-60 HP/3450 RPM.  
8" motor standard, 75-150 HP/3525 RPM.  
Performance conforms to ISO 9906 Annex A @ 10 ft. minimum submergence.