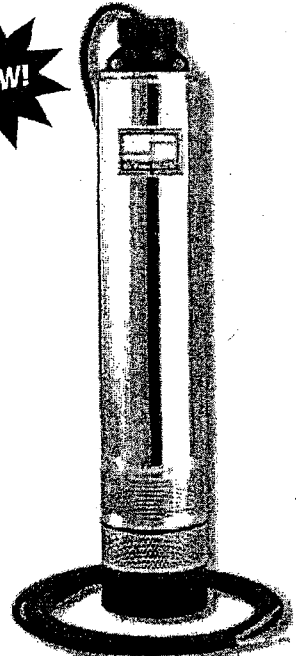




# 4" multi-stage submersible pump



This product is Listed to UL Standards for Safety by Underwriters Laboratories Inc. (UL).



The STEP Plus™ D Series 4" submersible pump in 10, 20 and 30 GPM models dominate with superior "DRAW-DOWN" capability.

The STEP Plus™ D Series 4" submersible pump dominates with reduced AMP DRAW.

The STEP Plus™ D Series 4" submersible pump dominates with COOLER and QUIETER operation.

### APPLICATIONS

■ Clean and Gray Water... for residential, commercial, and agricultural use.

### SPECIFICATIONS

- Motor** – Available in 115 or 230 volt versions. Dry-wound, double ball-bearing, double-seal and thermal overload protected, UL and CSA approved.
- Shell** – Stainless steel (300 grade)
- Discharge** – Fiberglass-reinforced thermoplastic
- Discharge Bearing** – Nylatron®
- Impellers** – Acetel
- 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** – Stainless steel
- Jacketed Cord** – 600 Volt "SJOW" jacketed 10' leads, 2-wire with ground
- Agency Listing** – UL and CSA

## STEP Plus™ D SERIES

### FEATURES

STEP Plus DOMINATES with a...

- Patented Stage System** – The proven SignaSeal™ staging system utilizes a patented ceramic wear surface. When incorporated with STA-RITE's "true" independent floating impellers, dominates with 1st-in-class performance, superior sand handling, and a thrust management staging system with industry exclusive "dry-run" capabilities.
- Superior "draw-down" capability** – The STEP Plus Dominates in this class with the lowest draw-down of 4-1/2" (a standard 4" NEMA submersible only draws-down to 13-1/2").
- Reduced amp draw** – The STEP Plus Dominates in this class with less energy consumption – over 25% less amp draw (9.5 amps vs. 12.7 amps, 115 volt) than a 4" NEMA submersible, reducing operating costs and extending the service life of float switch contacts.
- Cooler and quieter operation** – The STEP Plus Dominates by using the pumped liquid to cool the motor as it passes over the motor. The water passing over the motor dampens the motor noise, eliminating expensive "flow-inducer sleeves" required when using a standard 4" NEMA submersible.
- Impellers** – Precision molded for perfect balance... ultra smooth for the highest performance and efficiency. Allows for .080" solids.
- Shaft** – Positive drive, hexagonal 7/16" – 300-grade stainless steel shaft offers generous impeller drive surfaces.
- Shaft bearing** – Exclusive self-lubricating Nylatron® bearing resists wear surface from sand and abrasives.
- Shell** – Heavy-walled, corrosion resistant 300-grade stainless steel.

### ORDERING INFORMATION

Catalog Number	HP	Max. Load Amps	Volts	Phase/Cycles	Cord Length	Pallet Quantity	Weight (Lbs.)
10DOM05221	1/2	5.5	230	1/60	10'	80	16
10DOM05121	1/2	11.0	115	1/60	10'	80	16
20DOM05221	1/2	4.6	230	1/60	10'	80	16
20DOM05121	1/2	9.5	115	1/60	10'	80	16
30DOM05221	1/2	4.6	230	1/60	10'	80	16
30DOM05121	1/2	9.5	115	1/60	10'	80	16
20DOM05221+I	1/2	5.3	230	1/60	10'	80	16
20DOM05121+I	1/2	10.6	115	1/60	10'	80	16



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