

# ProLine™

## HIGH-FLOW SUBMERSIBLE WATER PUMPS

### Vortex Impeller for Increased Torque Flow

The torque flow impeller eliminates clogging and binding. Made of F.R.P. (fiberglass reinforced polypropylene) for minimal abrasive wear.

### Large Solid Handling Capability

Non-clog vortex impeller and volute designed for water containing decomposed plant matter and debris.

### Rugged Motor

Durable, Stainless steel. Corrosion resistant motor.

### Built-in Thermal Protection

Self-Resetting automatic protection against overload or overheat conditions.

### High Quality Mechanical Seals

Double Silicon Carbide mechanical seals for additional protection against leakage.

### Includes:

1/6 HP, 1/5 HP & 1/4 HP: 1 1/2" and 2" Barbed Fitting

1/3 HP, 1/2 HP & 1 HP: 2" Barbed Fitting



**DANNER**  
 VOLTAGE 115V 60Hz  
 Output 1/3 HP SINGLE PHASE  
 MAX. HEAD 7.5 M (24 Ft.)  
 MAX. FLOW 240 L/min. (63GPM)  
 SPEED 3450 R.P.M.  
 Please use circuit breaker and connect to ground.  
**DANNER MANUFACTURING**



### PERFORMANCE RANGES

HEAD HT.	FLOW RATE (GPH) @ FEET OF HEAD HT								MAX HEAD HEIGHT	
	0 FT	5 FT	10 FT	15 FT	20 FT	25 FT	30 FT	35 FT		40 FT
MODEL 1/6 HP	1860	1600	1308	846	400					23 FT
MODEL 1/5 HP	3000	2604	2250	1800	1122	530				28 FT
MODEL 1/4 HP	3270	2769	1925	1143	240					21 FT
MODEL 1/3 HP	4800	4140	3270	2400	1638	546				27 FT
MODEL 1/2 HP	5904	5460	4800	3900	3120	2040	1020			35 FT
MODEL 1 HP	7200	7200	6600	6000	4800	3720	2820	2160	840	44 FT

OPTIMAL

ACCEPTABLE

AVOID IF POSSIBLE

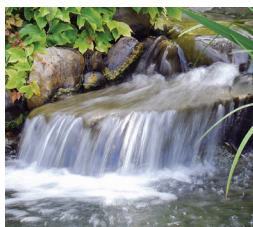
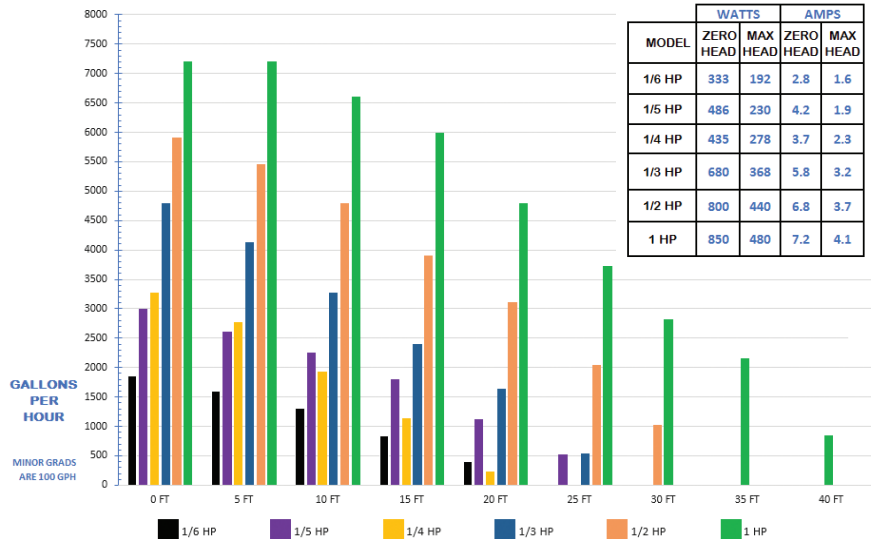
### Features:

- Completely submersible
- 24 hour continuous duty operation
- High-capacity fluid transfer
- Thermal overload protection with automatic reset
- 20' Grounded Power Cord

### Applications:

- Ponds, Fountains, Agricultural, Fish-Farming, Landscapes, Irrigation and Water Gardening
- Water Transfer and Recirculation
- Streams, Cascades and Waterfalls
- Aquaculture: Water Circulation
- Water Drainage

### POWER CONSUMPTION



### ProLine HFS Pump 1/6 HP

Item# 90101  
 UPC: 025033901018

### ProLine HFS Pump 1/5 HP

Item# 90102  
 UPC: 025033901025

### ProLine HFS Pump 1/4 HP

Item# 90103  
 UPC: 025033901032

### ProLine HFS Pump 1/3 HP

Item# 90104  
 UPC: 025033901049

### ProLine HFS Pump 1/2 HP

Item# 90105  
 UPC: 025033901056

### ProLine HFS Pump 1.0 HP

Item# 90106  
 UPC: 025033901063



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Every effort has been made to assure the information included is current and correct. We reserve the right to make product changes without notice and assume no responsibility for typographical errors.