



## 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 plastic) for minimal abrasive wear.

### 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 Silicone Carbide mechanical seals (Impeller side) for increased performance and additional abrasive resistance.

### Large Solid Handling Capability

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

3/4" Solid Handling Capabilities: 1/6 HP, 1/5 HP

1 1/8" Solid Handling Capabilities: 1/4 HP

1 3/8" Solid Handling Capabilities: 1/3 HP, 1/2 HP & 1 HP

### Includes:

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

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



### Features:

- Completely submersible
- 24 hour continuous duty operation
- High-capacity fluid transfer
- 20' Grounded Power Cord
- 2 Year Limited Warranty

### Applications:

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

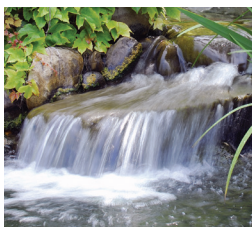
### PERFORMANCE RANGES

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



#### 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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