

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



PERFORMANCE RANGES

| | FLOW RATE (GPH) @ FEET OF HEAD HT | | | | | | | | | MAX HEAD HEIGHT |
|--------------|-----------------------------------|------|-------|------------|-------|-------|-------------------|-------|-------|-----------------|
| HEAD HT. | 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 | | | |

OPTIMAL

ACCEPTABLE

AVOID IF POSSIBLE

Features:

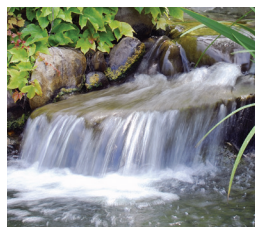
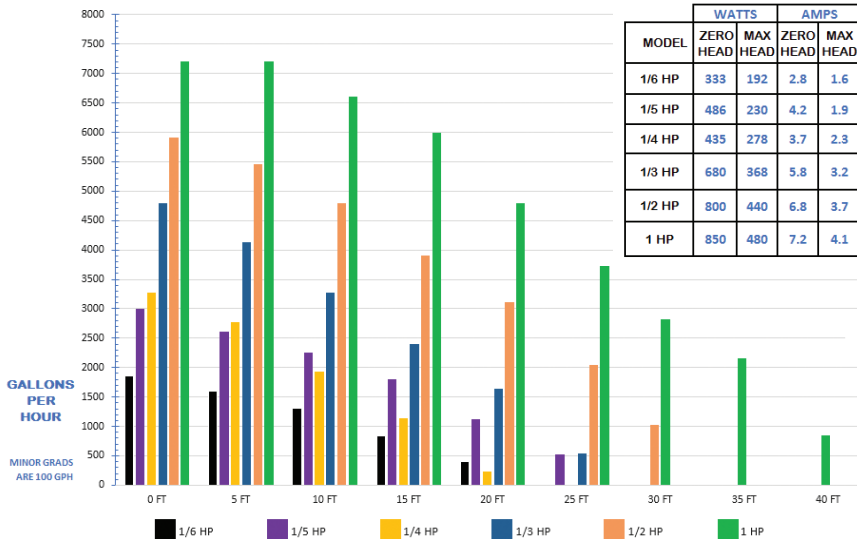
- Completely submersible
- 24 hour continuous duty operation
- High-capacity fluid transfer
- Thermal overload protection with automatic reset
- 20' Grounded Power Cord

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

| MODEL | WATTS | | AMPS | |
|--------|-----------|----------|-----------|----------|
| | ZERO HEAD | MAX HEAD | ZERO HEAD | MAX HEAD |
| 1/6 HP | 333 | 192 | 2.8 | 1.6 |
| 1/5 HP | 486 | 230 | 4.2 | 1.9 |
| 1/4 HP | 435 | 278 | 3.7 | 2.3 |
| 1/3 HP | 680 | 368 | 5.8 | 3.2 |
| 1/2 HP | 800 | 440 | 6.8 | 3.7 |
| 1 HP | 850 | 480 | 7.2 | 4.1 |



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