



Supernova™

FINALLY

Small Submersible 12 Volt Pumps
for Small Diameter Wells....
and for Troublesome 2" Bent Wells

Patent Pending



877-99-HYDRO • www.groundwateressentials.com

GROUNDWATER
Essentials


Proactive
ENVIRONMENTAL PRODUCTS

Add A Whole New Dimension to Groundwater Sampling and Purging

New Technology - Smaller Size

Sometimes smaller is better. Why waste time with a small diameter bailer or bladder pump when the Supernova will get the job done in a lot less time. And we mean a lot less time (take a look at the pump charts below.) The Supernova eliminates the need for heavy, bulky pumps and small diameter bailers. For all your purging and sampling needs the Supernova is a wiser choice.

How The Supernova Can Help You...

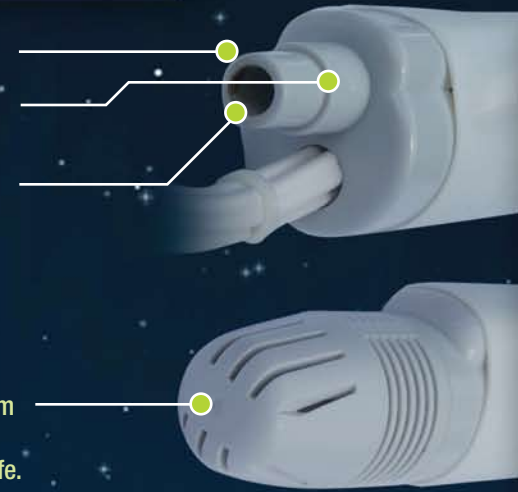
- Supernova is 1.44" O.D. — perfect for Pre-packed Well screens of 1.5" I.D. or larger!
- Perfect for 2" wells that are bent or cracked that a traditional 2" pump can't fit down.
- Save Time and Money • Save Trouble • Save Your Back
- Both Supernova pumps meet EPA protocols for low flow sampling.

Fits 3/8" ID polyethylene tubing.

Fits 1/2" ID polyethylene tubing.

Reinforced, super strong discharge outlet (durable, field-tested).

Computer engineered domed bottom debris screen will separate Debris from water, thus extending motor life.



Item #PSP-10000

PUMPING DEPTH: 70ft. DTW* (21.3 Meters)

- Supplied with 80 feet of heavy duty 10 gauge wire
- Dimensions: 1.44"O.D.x16" Length
- Use With: Optional Low Flow Sampling Controller (PA-10800)
- Can be used with 3/8" or 1/2" ID Low Density Polyethylene Tubing

SUPERNOVA 70 - PUMPING DEPTH IN FEET

| OPTIONAL CONTROLLER | 3 | 10 | 20 | 25 | 30 | 40 | 50 | 55 | 60 | 70 | 85 |
|---|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| LOW FLOW SAMPLING CONTROLLER (PA-10800) | 2.3 G.P.M 12V. | 2.0 G.P.M 12V. | 1.8 G.P.M 12V. | 1.8 G.P.M 12V. | 1.8 G.P.M 12V. | 1.7 G.P.M 12V. | 1.5 G.P.M 12V. | 1.4 G.P.M 12V. | 1.2 G.P.M 12V. | .70 G.P.M 12V. | N/A G.P.M 12V. |

DTW Means Depth to Water

- Simple hook up to a 12 Volt battery.
- Rated for continuous use when used in water, no need for a cool down!
- Can run dry for up to 2 hours without motor damage!
- Auto-primed.
- Fits into a 1.5" well or larger.
- Rated for over 400 hours of use when used in water.
- Can be used in harsh conditions with higher turbidity.*

**Pump technique is common sense, please don't use our pumps as a vacuum cleaner.*



Item #PSP-10100

PUMPING DEPTH: 120ft. DTW* (37 Meters)

- Supplied with 130 feet of heavy duty 10 gauge wire
- Dimensions: 1.44"O.D.x16" Length
- Requires: Power Booster II (PA-10700) or Low Flow W/ Power Booster II (PA-10750)
- Can be used with 3/8" or 1/2" ID Low Density Polyethylene Tubing

SUPERNOVA 120 - PUMPING DEPTH IN FEET

| REQUIRED CONTROLLERS | 10 | 20 | 40 | 50 | 70 | 80 | 85 | 100 | 110 | 120 |
|--|----------------------|-----------------------|----------------------|-----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| POWER BOOSTER 2 (PA-10700) OR LOW FLOW WITH POWER BOOSTER 2 (PA-10750) | 3.7 G.P.M 12V. | 3.25 G.P.M 12V. | 3.0 G.P.M 12V. | 2.75 G.P.M 12V. | 1.9 G.P.M 12V. | 1.3 G.P.M 12V. | 1.0 G.P.M 12V. | .75 G.P.M 12V. | .50 G.P.M 12V. | .25 G.P.M 12V. |

DTW Means Depth to Water

CALL 877-99-HYDRO