WP Groundwater Purging Pumps

Purging pumps for groundwater testing

Description

Global Water's groundwater purging pumps provide an easy-to-use, high-quality, economical solution for purging, and groundwater testing to a depth of 90 ft (27.4 m). The pump's 1-5/8 in (40 mm) diameter minimizes well hang ups and is ideal for use in 2 inch or larger monitoring wells. Each purging pump is self-priming when fully submersed and can be connected directly to a DC power source to begin pumping. All pumps are tough and powerful with plastic construction and a stainless steel impeller. They can pump up to 3 US gallons (11.4 ltrs) per minute. They have been used and trusted within the groundwater industry for more than 15 years and are recommended by drillers, hydrologists and field technicians around the world.

The Submersible Groundwater Purging Pumps have an inlet strainer and any sand, rocks or debris that pass through the inlet strainer will pass through the purging pump without clogging it. The pump's life expectancy is approximately 400 hours, lab tests have shown that they can last up to 750 hours. The pumps can achieve low flow sampling by restricting the outlet flow from the end of the sampling tube with a valve (or even by clamping the hose). Restricting the outlet flow will increase the effective head the pump has to deliver thus reducing output flow. Being a centrifugal ground water testing pump this action will also reduce the current thus making the pump use less energy increasing battery life.

Specifications

- **Voltage**: 12V DC
- **Current Draw**:
  - WP4012: 5 A
  - WP6012: 10 A
  - WP9012: 10 A
- **Outlet Diameter**: 11 mm (3/8 inch) and 13 mm (1/2 inch) adapter supplied
- **Materials**:
- **Dimensions**:
  - WP4012: 129mm (5-1/16") X 36mm (1-7/16")
  - WP6012: 258mm (10-3/16") x 36mm (1-7/16")
  - WP9012: 387mm (15-3/16") x 36mm (1-7/16")
- **Max Head Height**:
  - WP4012: 40'
  - WP6012: 60'
  - WP9012: 90'

For more specifications please visit [www.globalw.com](http://www.globalw.com)

Options and Accessories

- **WP4012** Mini Purger groundwater purging pump
  - 12 Volt, includes 50' of cable and battery clips
- **WP6012** Super Purger groundwater purging pump
  - 12 Volt, includes 66' of cable and battery clips
- **WP9012** Mega Purger groundwater purging pump
  - 12 Volt, includes 95' of cable and battery clips

In the U.S. call toll free at 1-800-876-1172
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