



WP Groundwater Purging Pumps

Purging pumps for groundwater testing



- Used and trusted within the groundwater industry for more than 15 years
- Recommended by drillers, hydrologists and field technicians
- Practical for dedicated use and disposal
- Ready to use
- Supplied with heavy gauge cable to reduce voltage drop (Super Purger)
- Hermetically sealed electric connectors (Super Purger)
- Reduces labor costs and saves time
- Completely pre-assembled and packaged with leads and alligator clips
- Connect leads to 12V DC power source and pump is energized

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: 10A

WP9012: 10A

Outlet Diameter: 11 mm (3/8 inch) and 13 mm (1/2 inch) adapter supplied

Materials:

Pump Body: ABS, Seals: Nitrile, Strainer: Polypropylene, Impeller: Stainless Steel/PBT, Cable: PVC

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

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



Global Water

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