

Purge Pumps

geosquirt™ 12V DC Purge Pump

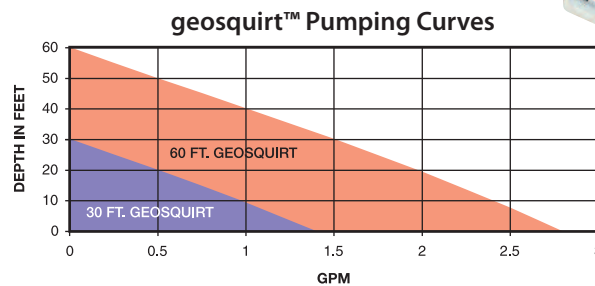
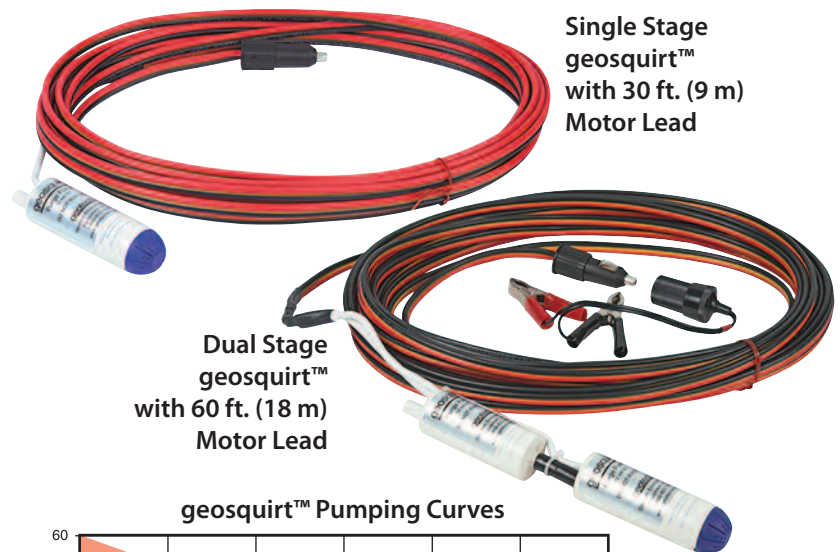
The geosquirt™ Purge Pump is designed for purging shallow wells up to a maximum depth of 55 feet (17 m). The pump is completely sealed and designed to be operated while completely submerged in water.

FEATURES

- Operates to depths of 55' (17 m)
- Very economical and reliable
- Flow rates up to 2.75 GPM (11 LPM)
- Ideal for 2" (5 cm) diameter or larger monitoring well
- Operates with 3.5 amps (Single), 7.0 amps (Dual)
- Requires an independent 12V DC power supply
- Optional portable reel system with tubing

OPERATION

The geosquirt™ purge pump can be purchased alone or as a complete system with reel and tubing. It is used to pump large quantities from shallow wells. Pump should be allowed to cool for 5 minutes for every 15 minutes of operation. It can operate in water temperatures as high as 140°F (60°C), but must be submerged at all times.



SPECIFICATIONS

	Single Stage	Double Stage
Dimensions	1.5" D x 6.5" L (4 cm D x 17 cm L)	1.5" D x 13" L (4 cm D x 33 cm L)
Outlet	Requires 3/8" (10 mm) I.D. tubing	Requires 3/8" (10 mm) I.D. tubing
Optional Outlet Adapter	Optional fitting allows 1/2" (13 mm) tubing	Optional fitting allows 1/2" (13 mm) tubing
Power	Requires an independent 12V DC source	Requires an independent 12V DC source
Current Draw	3.5 amps	7.0 amps
Principle of Operation	Intermittently rated centrifugal pump	Intermittently rated centrifugal pump
Operating Temperature	In water up to 140°F (60°C) do not freeze pump	In water up to 140°F (60°C) do not freeze pump
Flow Rate	Up to 1.5 GPM (6 LPM)	Up to 2.75 GPM (11 LPM)
Maximum Recommended Depth	30 feet (9 m)	55 feet (17 m)
Material of Casing	ABS plastic	ABS plastic
Material of Pump Impeller	Stainless steel	Stainless steel
Material of Seal	Rubber	Rubber
Length of Motor Lead	30 feet (9 m)	60 feet (18 m)
Recommended Duty Cycle	5 min. off/15 min. on	5 min. off/15 min. on

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