

Purge Pumps

geosquirt™ 12V DC Purge Pump

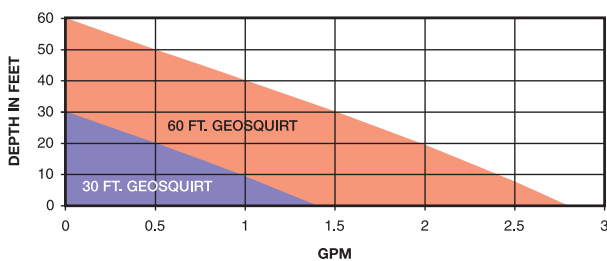
The geosquirt™ Purge Pump is designed for purging shallow wells up to a maximum depth of 55 feet (17 m). The pump is completely sealed and designed to be operated while completely submerged in water.

FEATURES

- Operates to depths of 55' (17 m)
- Very economical and reliable
- Flow rates up to 2.5 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

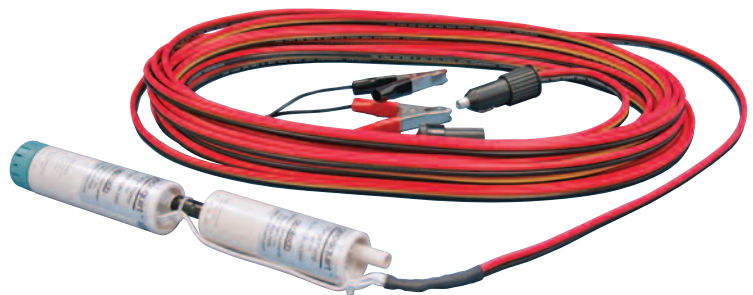
The geosquirt™ purge pump can be purchased alone or as a complete system with reel and tubing. It is used to pump large quantities from shallow wells. Pump should be allowed to cool for 5 minutes for every 15 minutes of operation. It can operate in water temperatures as high as 140° F (60°C), but must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



geosquirt™ Pumping Curves



Single Stage geosquirt™ with 30 ft. (9 m) Motor Lead



Dual Stage geosquirt™ with 60 ft. (18 m) Motor Lead

SPECIFICATIONS

Dimensions	1.5" D x 13" L (4 cm D x 33 cm L)
Outlet	Requires 3/8" (10 mm) I.D. tubing
Permanent Optional Outlet	Optional fitting allows 1/2" (13 mm) tubing
Power	Requires an independent 12V DC source
Current Draw	3.5 amps (Single), 7.0 amps (Dual)
Principle of Operation	Intermittently rated centrifugal pump
Operating Temperature	In water up to 140°F (60°C) (do not freeze pump)
Flow Rate	Up to 2.5 GPM (11 LPM) dependent on depth
Max. Recommended Depth	55 feet (17 m)
Material of Casing	ABS plastic
Material of Pump Impeller	Stainless steel
Material of Seal	Rubber
Length of Motor Lead	30, 60 feet (9 m, 18 m)
Recommended Pumping Duration	15 minutes, then cool for 5 minutes, then resume operation, etc.

CALL GEOTECH TODAY (800) 833-7958

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