

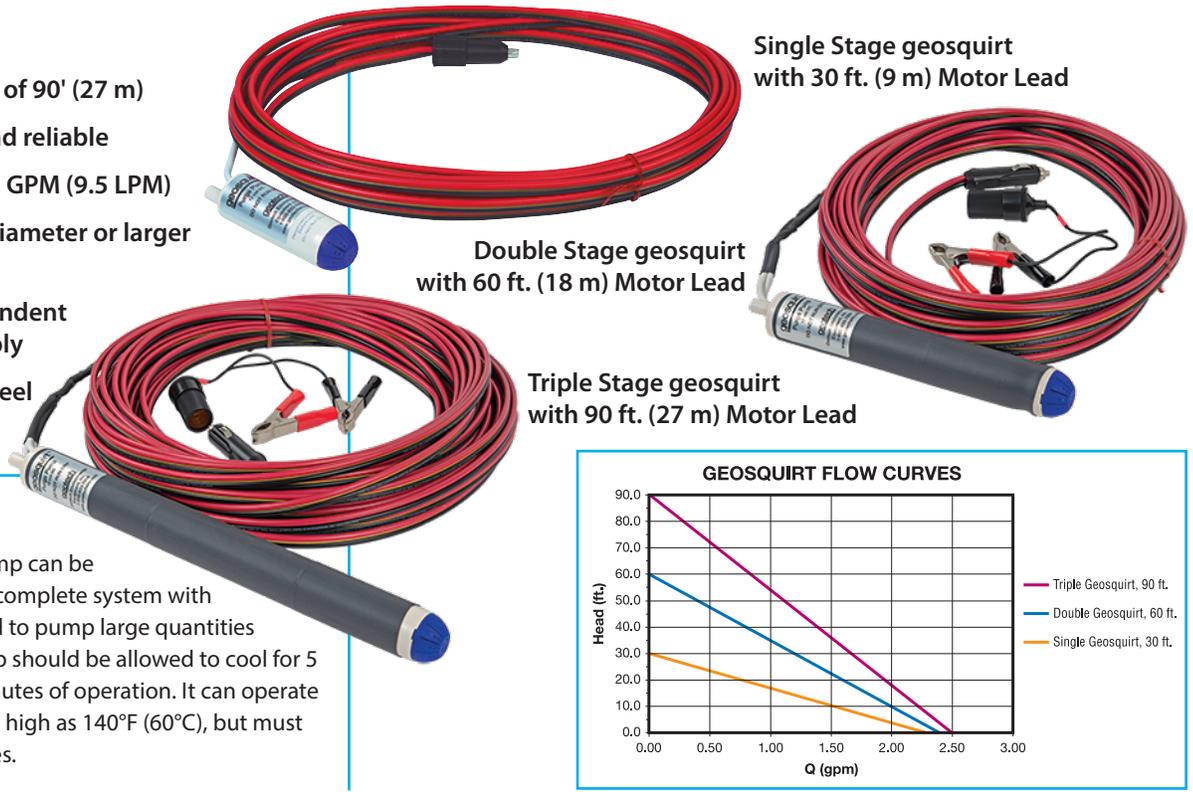
Purge Pumps

geosquirt 12V DC Purge Pump

The geosquirt Purge Pump is designed for purging shallow wells up to a maximum depth of 90 feet (27 m). The pump is completely sealed and designed to be operated while completely submerged in water.

FEATURES

- Operates to depths of 90' (27 m)
- Very economical and reliable
- Flow rates up to 2.5 GPM (9.5 LPM)
- Ideal for 2" (5 cm) diameter or larger monitoring well
- Requires an independent 12V DC power supply
- Optional portable reel system with tubing



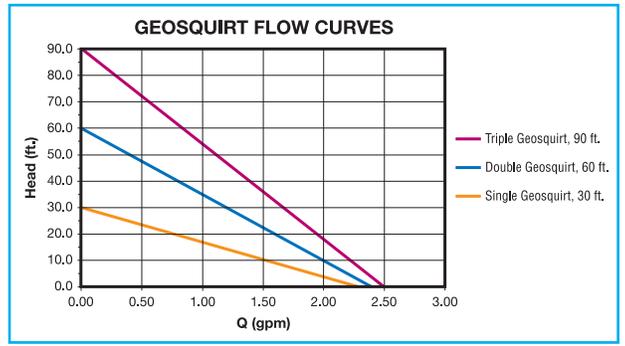
Single Stage geosquirt with 30 ft. (9 m) Motor Lead

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

Triple Stage geosquirt with 90 ft. (27 m) Motor Lead

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	Triple 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)	1.5" D x 16" L (4 cm D x 41 cm L)
Outlet	Requires 3/8" (10 mm) I.D. tubing	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	Optional fitting allows 1/2" (13 mm) tubing
Power	Requires an independent 12V DC source	Requires an independent 12V DC source	Requires an independent 12V DC source
Current Draw	3.3 amps	6.2 amps	8.0 amps
Voltage Range	10V-15V	10V-15V	10V-15V
Principle of Operation	Intermittently rated centrifugal pump	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	In water up to 140°F (60°C) do not freeze pump
Flow Rate	Up to 2.5 GPM (9.5 LPM)	Up to 2.5 GPM (9.5 LPM)	Up to 2.5 GPM (9.5 LPM)
Max. Recommended Depth	30 feet (9 m)	60 feet (18 m)	90 feet (27 m)
Pump Material of Casing	ABS plastic	ABS plastic	ABS plastic
Material of Seal	Rubber	Rubber	Rubber
Length of Motor Lead	30 feet (9 m)	60 feet (18 m)	90 feet (27 m)
Recommended Duty Cycle	5 min. off/15 min. on	5 min. off/15 min. on	5 min. off/15 min. on

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