

Hydrocarbon Recovery Systems

Geotech High Volume Probe Scavenger

The Geotech High Volume Probe Scavenger is an automatic pumping system designed to recover floating hydrocarbons. A specially designed sensor probe differentiates between hydrocarbons and water, allowing for retrieval of virtually 100% water-free oil from wells 8" (20.3 cm) in diameter or larger. The Probe Scavenger product pump recovers the hydrocarbons floating on the water and pumps them to a product recovery tank. When the product recovery tank becomes full, an optional Tankfull Probe is used to shut down the product pump to prevent overflow.

FEATURES

- For applications in 8" (20.3 cm) and larger diameter wells
- Lighter-than-water (LNAPL) product recovery
- Can be used as a stand-alone system or in conjunction with a water table depression pump
- Reliable around-the-clock operation in automatic mode
- Sensor technology provides water-free product recovery
- Remote monitoring and troubleshooting capability with the optional Geotech Environmental Control Module

OPTIONS

- Lifting Winch
- Cable
- NEMA 4 or NEMA 7 controls
- Tankfull Shut-Off
- Conductivity Probe
- Density Probe
- 2" Density Actuated Product Probe with Stainless Steel Floats
- 2" Density Actuated Water Probe with Stainless Steel Floats



Geotech High Volume Probe Scavenger System with Optional Lifting Winch

SPECIFICATIONS

Applications:	8" (20.3 cm) or larger recovery wells
Recovery Rate:	Up to 12 GPM (45 LPM)
Horse Power:	1/3 HP
Maximum Head:	81 feet (24.6 m)
Dimensions:	6" ID x 170" L (152.4mm x 4318mm)
Weight:	85 lbs. (38.6 kg)
Power Requirements:	230 VAC 50/60 Hz
Oil/Water Separation:	Density sensor distinguishes hydrocarbons from water

CALL GEOTECH TODAY (800) 833-7958

Geotech Environmental Equipment, Inc.

2650 East 40th Avenue • Denver, Colorado 80205

(303) 320-4764 • **(800) 833-7958** • FAX (303) 322-7242

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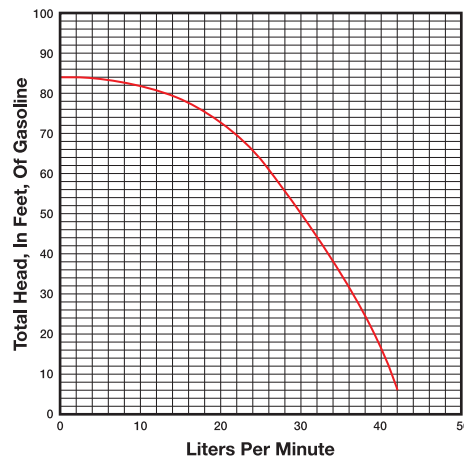
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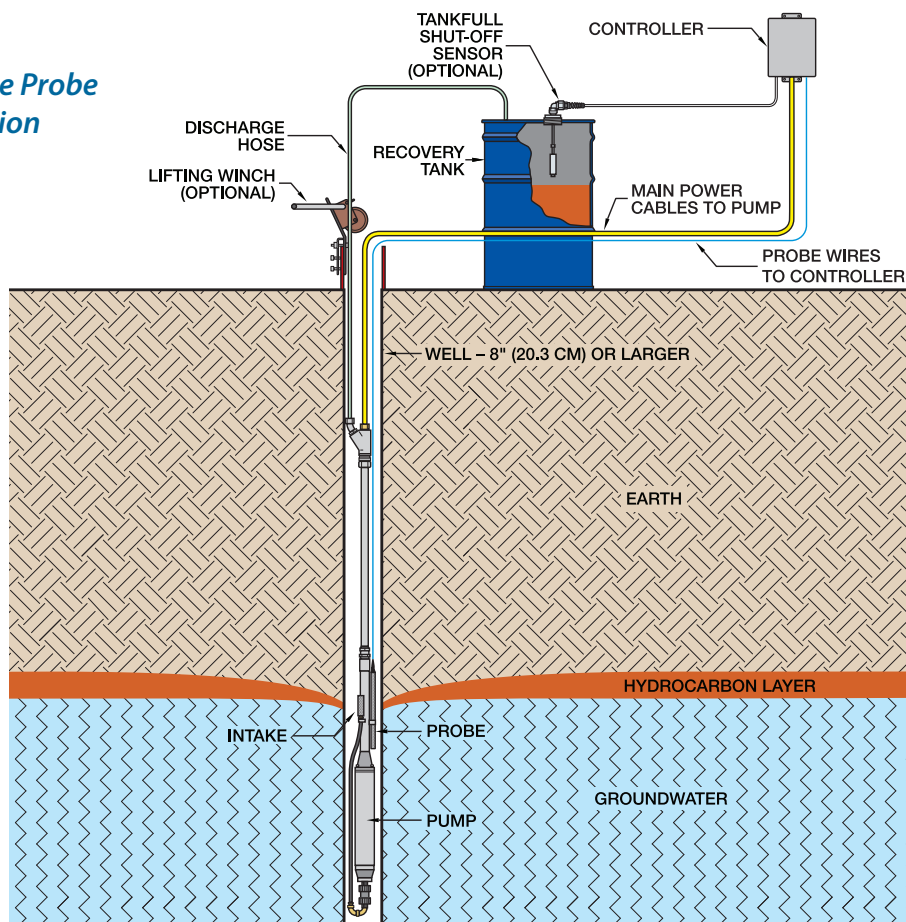
PERFORMANCE

Performance Test Data with Standard Plumbing Arrangement



INSTALLATION

Typical High Volume Probe Scavenger Installation



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