

Hydrocarbon Recovery Systems



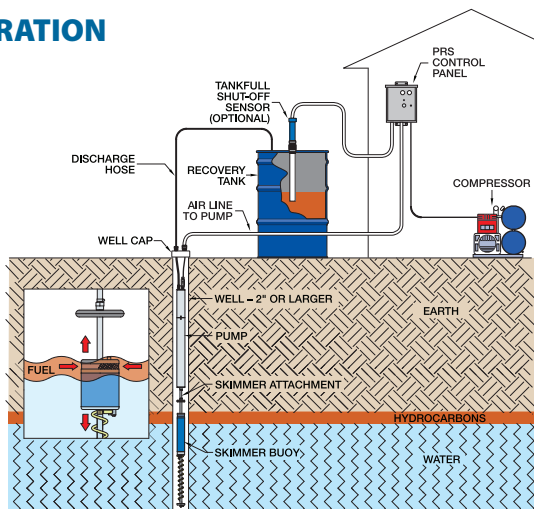
Geotech PRS (Product Recovery System)

The Geotech PRS is a product recovery system that incorporates a pneumatic control panel with a downwell stainless steel pneumatic bladder pump coupled with a unique floating skimmer attachment. The skimmer attachment consists of an oleophilic/hydrophobic buoy that allows free floating product to be skimmed down to a sheen.

FEATURES

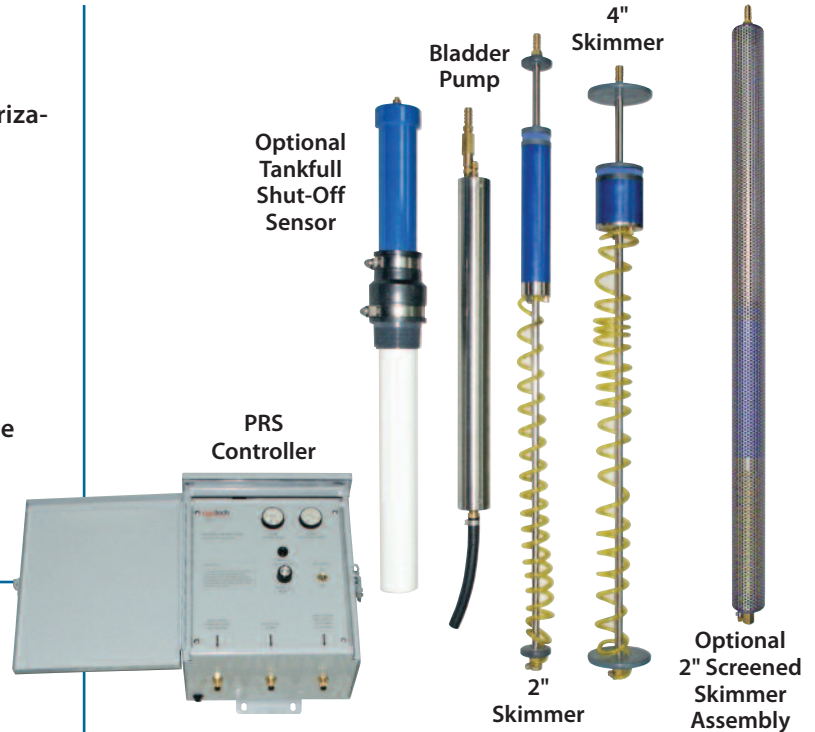
- Available for 2" (5cm) or larger diameter wells.
- Control unit has dual timers to alternate the pressurization and venting of the pump.
- Optional pneumatic Tankfull Shut-Off Sensor, with indicator and manual reset.
- Designed for field portability and rapid installation.
- Bladder designed for easy field replacement (no tools required).
- Operate multiple pumps from one control panel.
- Different sizes/types of skimmers can be used with the standard pump for varying site conditions, including screened skimmers for extra protection.
- High capacity pump available.

OPERATION



Typical PRS Installation with Optional Tankfull Shut-Off Sensor

The unique PRS skimmer incorporates both a density float and hydrophobic filter. The float follows water table fluctuations and places filter at the water/product interface. As the system cycles, product is drawn through the hydrophobic filter and transferred to a recovery tank.



SPECIFICATIONS

Pump:	Size	23.5" L x 1.75" O.D. (59.7cm L x 4.5cm O.D.)	
	Weight	4.5 lbs. (2 kg)	
	Materials	303 and 304 stainless steel, flexible PVC and brass	
Skimmer:		2" Model	4" Model
	Effective Travel Range	12" (30.5cm)	24" (61cm)
	Size	35.5" L x 1.75" O.D. (90cm L x 4.5cm O.D.)	35.5" L x 3.75" O.D. (90cm L x 9.5cm O.D.)
	With Optional Screen	35.5" L x 1.88" O.D. (90cm L x 4.7cm O.D.)	35.5" L x 3.83" O.D. (90cm L x 9.7cm O.D.)
	Weight	1.75 lbs. (.8 kg)	2.25 lbs. (1 kg)
	With Optional Screen	3.0 lbs. (1.4 kg)	4.5 lbs. (2 kg)
	Operating Temperature	32° to 100°F (0° to 38°C)	
	Materials	304 stainless steel, Polyethylene, PVC, Polypropylene, brass	

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