

Hydrocarbon Recovery Systems

Geotech SpOILer Controllerless Recovery System

The SpOILer Controllerless Recovery System (CRS) is an efficient product recovery system designed to recover floating hydrocarbons from 2" (5cm) and larger wells and sumps. The SpOILer utilizes an internally regulated pneumatic bladder pump combined with a floating skimmer attachment. This system tracks water level fluctuations in excess of 24" (61cm) with the 4" (10cm) skimmer while removing product to a sheen. This system is extremely flexible for use at a variety of sites, with skimmers available to recover product ranging from gasoline to gear oil over several available travel ranges.

FEATURES

- No external controller required.
- Has a field adjustable cycle timer to optimize cycle rates and conserve energy.
- High efficiency, ultra low energy use.
- Quick set-up; only two lines to connect.
- Different sizes/types of skimmers can be used with the standard pump for varying site conditions, including screened skimmers for extra protection.
- Optional Tankfull Shut-Off.
- Optional oil-less air compressor.

OPERATION

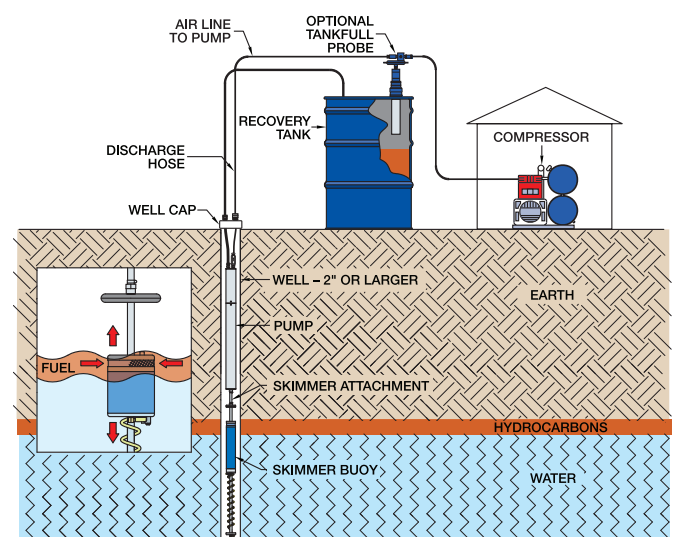
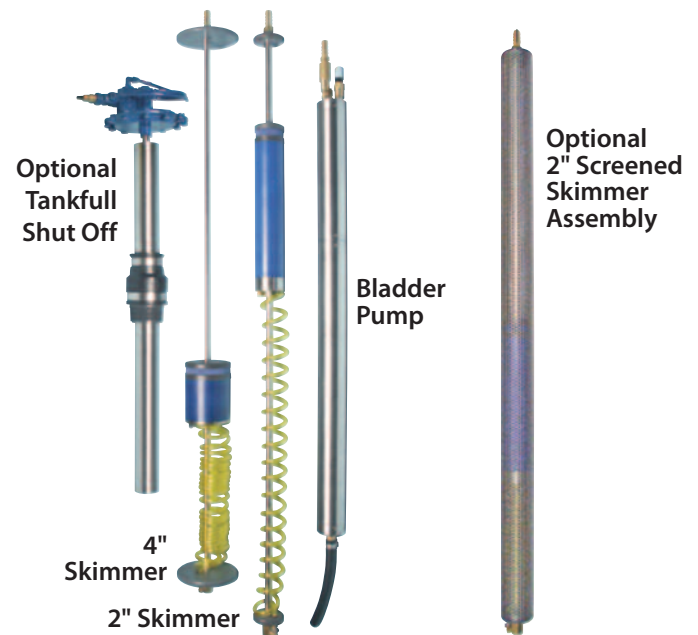
The Geotech SpOILer controllerless pump operates at the most efficient intake discharge cycles with minimum air consumption.

The system is flexible for use at different sites, with skimmers available to recover product ranging from gasoline to gear oil and several travel ranges available.

SPECIFICATIONS

Pump	Size:	30.75" L x 1.75" (4.5cm) O.D.
	Weight:	5.8 lbs. (2.6 kg)
	Materials:	Stainless steel and engineered plastics
	Discharge:	Synthetic rubber
Air Line & Sensor Line:		Polyethylene, Nylon-11
Operating Pressure:		60 psig (4 bar) minimum, 80-100 psig (5.5-7 bar) recommended
Maximum Pressure:		120 psig (8.3 bar)

Skimmer	2" Model	4" Model
Effective Travel Range:	12" (30cm)	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)



Typical SpOILer Installation

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