

PRODUCT CODE: TR-516

FAP Plus™ Remediation Pump



The F.A.P. Plus™ Pump system is comprised of seven main components:

- F.A.P. Plus™ Pump (1)
- Skimmer Assembly (2)
- Well Clincher (3)
- Filter/Regulator (not shown)
- Pneumatic Overfill Protection Device (4)
- Electric Air Compressor (not shown)
- Hoses (not shown)

Options:

- SolarNAPL Compressor
- F.A.P. HF

Groundwater remediation pump for skimming in 2" or larger wells.

BENEFITS

- Ideal for LNAPL recovery in 2" wells or greater;
- Long 900mm tracking range (with skimmer assembly);
- Low air consumption (5 cfm or 14 l/min)

APPLICATIONS

- LNAPL Recovery.
- DNAPL Recovery.
- 2 inch or larger wells.
- Recover a wide range of products from light-end hydrocarbons to more viscous products such as #6 heating oils.

DESCRIPTION

The F.A.P. Plus™ Pump consists of a flexible, special inner bladder and a flexible Buna-N® hose which forms the outer pump body. The integral controller is housed inside the stainless chamber and is factory preset for 15 cycles per minute. This provides the optimum pumping rate. The pump operates by alternately inflating and deflating the annular space between the inner bladder and the outer hose. When compressed air is applied, the inner bladder collapses. When the

air is exhausted, the inner bladder rebounds to its original shape thereby causing a suction which pulls fluid into the pump and up to the surface. The pump utilizes two check valves to maintain the suction and prevent the fluid from flowing back into the well. The pump is capable of producing a suction of 17 in of mercury for the recovery of viscous product and operation in deep wells up to 200 feet.

The F.A.P. Plus™ can operate dry or in the coiled position without damage. It may be installed at the surface in shallow well applications.