

## PASSIVE REMEDIATION

### Passive Skimmer

Floating inlet automatically adjusts to water table changes.

#### Application

- ❖ **Passive LNAPL recovery**
- ❖ **Use when minimal product is present or slow recovery rates are expected**
- ❖ **2 in and larger wells**
- ❖ **May be upgraded to an active system by adding the F.A.P. Plus™ Pump.**

#### Description

- Skimmer
- Canister
- Well Clincher with 30 ft cord

■ **Skimmer.** The Passive Skimmer utilizes the F.A.P. Plus™ skimmer to provide a 36 in floating intake for the recovery of free phase products such as gasoline, diesel and jet fuel. It is used when minimal product is present or slow recovery rates are expected. For passive recovery of products with higher than 80 SSU, the 4 in high viscosity skimmer (TR-25410) is used. This system provides a floating intake of 30 inches.

■ **Product Recovery Canister.** The clear PVC collection canister uses a quick connect fitting to attach it to the skimmer and provides venting through the skimmer support hollow rod. The bottom of the canister incorporates a petcock for easy draining. The petcock assembly can be removed allowing an extension canister to be threaded into the existing canister to increase the volume of free product that can be recovered. Additional weights are included with each canister and must be used for proper installation.



TR-252

■ **Well Clincher and Cord.** The Well Clincher and 30 ft Nylon® suspension cord are used to support the passive skimmer in the recovery well. The clincher incorporates an eye hook to attach the suspension cord. Correct measurement of the product water interface is necessary to properly position the passive skimmer.

***Tech Tip.** The critical measurement for proper recovery is from the bottom of the well to the product water interface. Custom canisters are available for shallow well applications.*

| SPECIFICATIONS            |   |                          |
|---------------------------|---|--------------------------|
|                           | 2" Model  | 4" Model                 |
| Length                    | 93.5 in   | 93.5 in                  |
| Outside Dia.              | 1.75 in   | 3.5 in                   |
| Effective Travel          | 36 in<br>(30 in for High-Viscosity Skimmer)   |                          |
| Canister Volume           | 0.13 gal  | 0.45 gal                 |
| Canister Length           | 24 in   | 15 in                    |
| Min. Water Depth          | 50.5 in   |                          |
| Weight                    | 4 lb  | 6 lb                     |
| Extension Canister Length | 18 in   | 16.5 in                  |
| Extension Canister Volume | 0.10 gal<br>(Additional)  | 0.52 gal<br>(Additional) |
| Materials                 | UHMW polyethylene, stainless steel hollow rod and clamps, urethane tubing, polyethylene hydrophobic filter, Nitrophenyl float material, brass fittings, PVC tubing mouldings. |                          |

| ORDERING INFORMATION   |  |        |
|--|--|--------|
| TR-252   | 2 in Passive Skimmer                   | 4 lb   |
| TR-253   | 2 in Extension Canister                | 1 lb   |
| TR-254   | 4 in Passive Skimmer                   | 6 lb   |
| TR-25410   | 4 in Passive Skimmer (High-Viscosity ) | 6 lb   |
| TR-255   | 4 in Extension Canister                | 2 lb   |
| <b>Parts required to convert a Passive Skimmer into an Active Skimming System:</b> |  |        |
| TR-516   | F.A.P. Plus™ Pump                      | 6 lb   |
| TR-762   | 2 in Well Clincher                     | 1 lb   |
| TR-764   | 4 in Well Clincher                     | 2 lb   |
| 301822   | 1/4 in Brass Plug                      | .25 lb |
| 301139   | Push-Lok Fitting                       | .25 lb |