



XL Panels 40

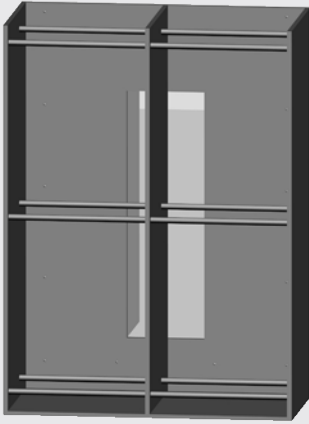
high performance-cost effective
below ground oil water separation



Operation & Maintenance
Version November 2006

FREYTECH INC.

Installation.



Pull out the filters to access the bore-holes in the back panel of the XL Panels 40. Direct the frame towards to the new built wall with the four holes and align it to one hole. Use the holes in the back bord as a template to drill anchor holes using a 6.8mm masonry drill bit to desired depth. Then insert anchors and secure. If you have secured all 12 anchors reinsert filters.



Putting into Service.

Before the XL Panels 40 is put into service, the tanks MUST be filled with clean water. Any material left behind from installation (e.g. mortar, soil,...) must be removed prior to filling the tanks with fresh water.

Maintenance.



General

Maintenance of your XL Panels 40 unit will strongly depend on the particular application. We recommend to visually inspect the system on a weekly basis in the first month of use and to increase or decrease maintenance intervals accordingly.

Maintenance of the Enhanced Coalescing Media

The enhanced coalescing media cartridge has to be cleaned periodically. Since the maintenance intervals strongly depend on each particular application, check the condition of the permanent filter element weekly during the first 60 days of operation. The filter media can be cleaned/rinsed with a garden hose. Recycle the wash-water to the separator. Do not expose the media to sunlight or UV-radiation!

Working Principle.



The XL Panels 40 is designed to separate non-emulsified light liquids or low-water-soluble fluids with a specific gravity below 0.95 (gasoline, diesel, heating oils and other mineral oils) from effluent discharge. Removal of small oil particles by coalescing media elements, produces high removal efficiencies.

Enhanced Coalescing Media

In the residual oil media, fine droplets that are too small to be separated by gravity alone are accumulated into bigger drops that rise to the surface. This coalescing media is made of durable reticular (i.e. "net-like") soft polyurethane foam. The media-cartridge is very easy to lift out and reinstall once it is cleaned/rinsed with a garden hose. The separated water that leaves the tanks, has a residual contamination of free petroleum content of less than 5 mg/liter.