

## Fox Oil Water Solid Separators

The Fox FX Series Oil water Solid Separators are designed to remove free floating hydrocarbons like oil, diesel and hydraulic fluid as well as suspended solids from your waste water. Oil water Separators are the minimum pre treatment system required by Council to treat waste water from wash bays etc prior to discharge to trade waste. The Oil Separator tank, stand and lid are manufactured from 304 Grade Stainless Steel, and covered by a 5 year warranty. For marine applications the Separator can be supplied in 316 Grade Stainless Steel. All Fox Separators are supplied on a mounting frame with individually adjustable legs to enable levelling on almost any surface.

A Fox diaphragm pump will draw the waste water from the holding tank and deliver it to the separator in a non-emulsified state. Waste water enters the Separator via the inlet and passes through the Vertical Tube Coalescing (VTC) pack. As oils are lighter than water gravity forces them to the top of the separator. The water then continues under a baffle and through 100 micron filters before exiting the Separator to the sewer.

Control of the delivery pump is achieved by a Fox Low Voltage Controller operated by float switches, operating in the underground collection tank. All floats are supplied with 10 metres of cable. When the level in the collection tank lifts the float, the pump will start and continue to operate until the level within the tank falls and the float switch de-activates. Various options are available for the low voltage controllers to fulfil Local Council Trade Waste requirements including high level alarms and hour run meters.

Fox Oil/Water Separators are available in standard sizes from 1000 to 15,000 l per hour and custom systems can be manufactured to treat up to 250,000 l per hour.

For maximum Oil Separator performance we recommend the use of Quick Break cleaners and degreasers.

All Fox Oil Separator drawings, specifications and typical installation drawings are available on our web site at [www.foxenviro.com.au](http://www.foxenviro.com.au) or contact us direct on 07 5437 8455.