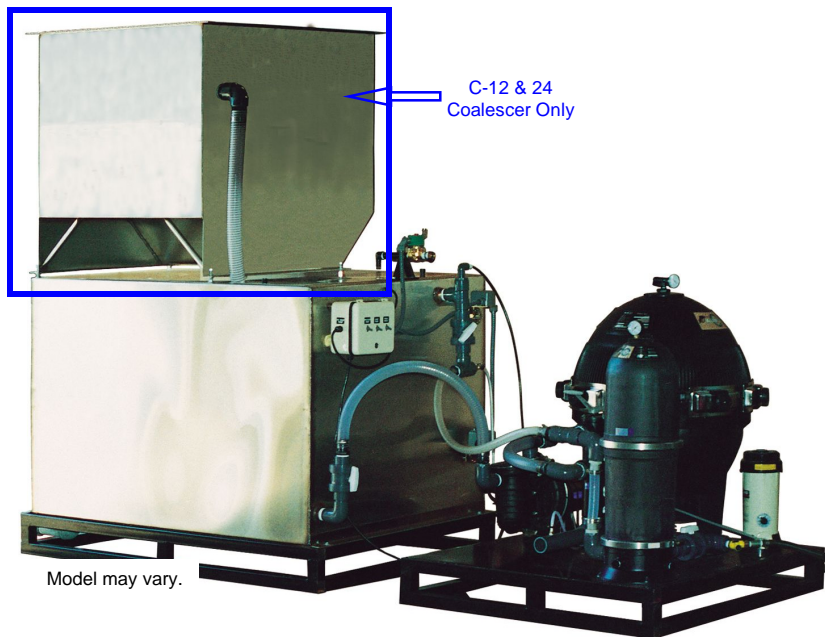


Waste-Water Oil / Water Stainless Steel Coalescence Series



Stainless Steel Coalescence Series is a versatile gravity flow line with a variable flow rate ranging from zero to a 24GPM. This 16 gauge stainless steel welded design will give years of performance. From the hot desert climates to the frigid winter temperatures of Alaska. Just remember to protect from freezing.

The Alkota oil / water / solids separation design easy separates free non-emulsified oil and solids from most industrial pressure washing

and steam cleaning applications.

Effluent from the separator will contain less than 10 mg/L of free oil droplets larger than 20 micron in size. The separator will operate continuously or intermittently without affecting performance. Free floating oil will be skimmed for proper disposal while the waste stream gravity flows automatically through the system.

The process is simply enhancing natural gravitational separation by attracting free oil and solids to the oleophilic or oil attracting material 60 times faster than mother nature her self. Transfer the waste stream to the inlet of the coalescer with a non-emulsifying pump such as an air driven diaphragm with variable speed control and the rest is done without moving parts. Oils attract gaining size and buoyancy and float to the top and solids find there way to the bottom.

Oils and solids can be removed manually automatically depending on the application.

- **Construction:** Heavy duty industrial stainless steel welded design. V-shaped bottom with drain for easy removal of solids.
- **Coalescence Media:** 900 square feet of an oleophilic or oil attracting material. Installed in multiple pieces for ease of service and maintenance.
- **Oil Skimmer:** Non-Motorized, 2" slotted oil skimmer tube w/ PVC union for ease of adjustment.
- **Lid:** Coalescer comes as an option with a S.S. lid or cover to protect the system from air born contaminants.
- **Stand:** Stainless steel legs are attached to elevate for gravitational discharge.
- **Electrical Requirements:** Non required.
- **Specifications:** Effluent rating from 40° to 120° F. Inlet 3", outlet " drain 1.5".
- **Optional Accessories:** Submersible sump or transfer pumps, air diaphragm sump or transfer