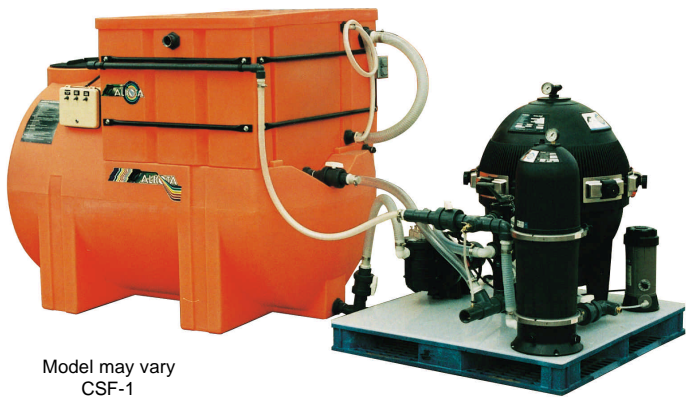


Waste-Water CSF Series



Model may vary
CSF-1

CSF Series is a low maintenance affordable way of working with water conservation or environmental regulations that limit the discharge of pressure washer or steam cleaner generated waste streams. This system utilizes above storage and process vessels for the ease of service & maintenance while preserving the environmental integrity of the property. The CSF-1 CSF-2 limits the need for under ground containment while limiting the exposure for possible leaks that could potentially contaminate property.

The Alkota CSF Series is offered in a modular design so that treatment options can change with the demands of the business. Simply by adding on additional treatment phases or technologies you can continue to build & design your site specific system as your environmental issues change.

- **Construction:** **CSF-1** Heavy duty industrial polypropylene rotary molded design. V-shaped bottom with drain for easy removal of solids. UV rated for exterior applications. Polypropylene tanks and corrosive free pump module base. **CSF-2** stainless steel construction with V-shaped bottom with drain for easy removal of solids. Corrosive free pump module base.
- **Electrical Specifications:** 120 volt 20 amp GFCI controlled CSF-1.
220 volt 20 amp CSF-2.
- **Control Panel :** NEMA 4 enclosure with all positive on/off SPST control switches
- **Coalescence Media:** Standard CSF-1 450 and the CSF-2 650 square feet of an oleophilic or oil attracting material. Installed in multiple pieces for ease of service and maintenance.
- **Oil Skimmer:** Standard belt skimmer with multi-function digital timer with capacitor back up for power failure protection
- **Solid Collection Reservoir :** Standard v-shaped, 2-stage compartment solids collection area with slide or ball valves for ease of controlled discharge or removal of solids material
- **Depth Sand Filter:** Poly with glass reinforced thermoplastic containment with patented clamps for easy removal and access to filter media
- **Depth Sand Filter Media:** 20 micron white silica sand 300 lbs. CSF-1.
450 lbs. CSF-2.
- **Polish Filter:** Poly with glass reinforced thermoplastic containment w/ 20 micron with easy removable clamps for easy access.
- **Polish Filter Media:** 20 micron non-woven pleated polyester.
- **Proprietary Process Rate:** 65 GPM @ 20 PSI CSF-1
100 GPM @ 20 PSI CSF-2
- **Reuse or discharge rate:** Proprietary single pump design for process and pressurized feed discharge
10 GPM CSF-1
20 GPM CSF-2
- **Process Pump:** Glass reinforced thermoplastic, center suction centrifugal, self priming, patented heat sink surrounding the shaft seal, precision molded impellers, easy opening clamp with 5" inline strainer basket.
- **Back Flush:** Glass reinforced ball valve control back to pit or filtration filter.
- **Fresh Water:** Fresh water make up level switch and solenoid.
- **High Level Protection:** High level protection level switch to over-ride sump level control to protect from above ground over-fill situations.
- **Low Level Protection:** Low level over-ride switch to protect the system from a potential low water situation.
- **Operational Temperature Range:** Effluent rating from 40° to 108° F.
- **Bacterial Control:** Pressurized brominator or chlorinator for a continuous feed back to the system, sumps or transfer areas for complete oxidation and odor control. Precision dial controls with corrosion resistant construction and easy open lock threaded cover.
- **Optional Accessories:** Submersible sump or transfer pumps, air diaphragm sump or transfer pump, ozone, ORP pH adjustment pit cleaners, pre-treatment storage clarifiers.



Model may vary
CSF-2