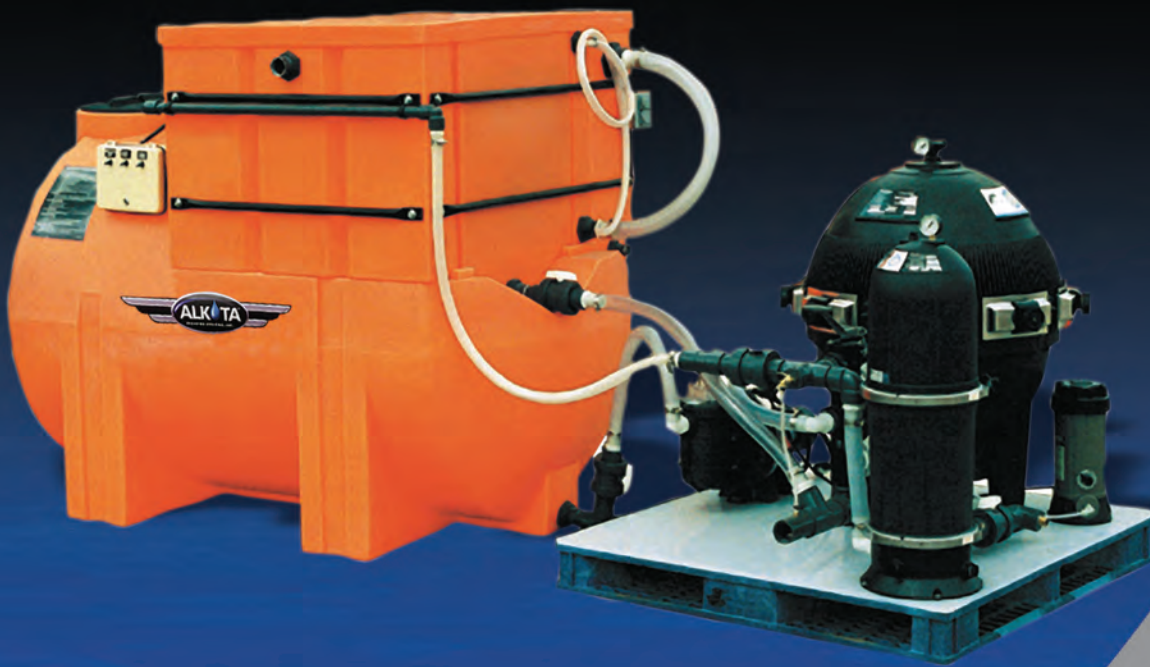


Media Filtration System



OLD VALUES. NEW IDEAS.



Should you
be recycling and
reusing your pressure
washer water?



- 1 SAND FILTER**
The sand filter removes solids & sediments from the waste stream. Partially treated water flows from the holding tank through the sand filter continuously to remove sediment from the water.
- 2 VALVING**
Two three way valves control the flow of water through the sand filter. This allows the sand filter to be back flushed cleaning contamininants from the sand.
- 3 BACK FLUSH LINE**
The back flush line is plumbed back to the water sump. A bag filter may be installed in the line to trap contaminants during the back flush operation.
- 4 STRAINER**
The strainer removes any large debris (leaves, cigarette butts, etc.) before the water goes through the pump.
- 5 POLISHING FILTER**
This filter is a final safeguard to assure high quality water coming from the system.
- 6 WATER PUMP**
The pump forces the water through the sand filter. See specifications for electrical.
- 7 AUTOMATIC CHLORINATOR**
This adjustable flow chlorine feeder allows you to set the amount of chlorine needed to control bacteria and odor in your operation.
- 8 CHLORINATION LINE & VALVE**
The operator controls the flow of the chlorine through the system.
- 9 CONTROL BOX**
Splash proof, weather tight box contains wiring for safety and ease of installation.
- 10 ELECTRICAL F...**
This switch co...
If the holding...
switch stops e...
the tank from...
- 11 VALVE (TANK)**
This valve sho...
to the water p...
- 12 TIMER**
Timer (CSFTO...
- 13 OZONE GENE...**
Available to f...
treatment tar...



OLD VALUES. NEW IDEAS.

CUTS DISPOSAL COSTS

By reducing the volume of your waste, your disposal costs are reduced by a proportionate amount.

SAVES SPACE

The compact design means low space requirements.

LOW MAINTENANCE REQUIREMENTS

Moving valves backflushes the filter thereby cleaning the filter media.

LOW OPERATING COSTS

Low cost, back flushable media, along with low maintenance requirements.



FLOAT SWITCH

Controls electrical flow to the sump pump. When the holding tank fills to the top, this float controlled switch cuts off electricity to the sump pump preventing the tank from overflowing.

Cuts off water flow from the holding tank to the sump pump.

Controls the oil skimmer.

OPTIONAL FILTERS (OPTIONAL)

Further enhance clarification in the holding tank.



The Alkota Media Filtration Systems are specially designed for use with high pressure washers and steam cleaners. Dirty, oily water is brought into the coalescing tank from the sump. The waste stream twists through the oil attracting coalescer plates. As the oil droplets and sediment hit the plates, they combine with other droplets forming larger globules and speeding up the separation process. Sediment is heavier than the waste stream so it drops through the plates collecting in the chamber at the bottom of the coalescing tank. Free oil rises to the top of the tank where it is removed by the oil skimmer. The waste oil flows from the coalescer tank into a suitable container. The partially clarified waste stream falls under gravity to the treatment tank.

From the treatment tank partially processed effluent is continuously pumped through the sand filter and back to the process tank. As the water circulates, the sand filter removes more and more of the remaining sediment. As the water in the process tank recirculates through the filter, it becomes cleaner and cleaner. When water is required for cleaning purposes, water is sent from the treatment tank through the final polishing filter. This filter takes out contaminants down to 20 microns in size. As this system does not remove emulsified oils, chemicals or other solubles it is recommended that fresh water be brought in for rinse operations. Activated carbon canisters are available if emulsified oils and chemicals do need to be removed.

Compliance with local, state and federal (EPA) waste water requirements has never been more difficult. In fact, just about anyone washing equipment, machinery or vehicles and discharging the water without treatment is in violation.

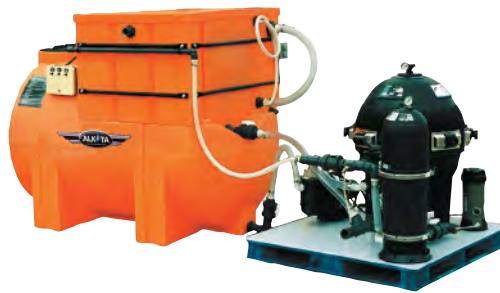
Alkota has developed waste water treatment systems designed to aid in eliminating problems associated with discharge regulations. The high quality of water produced in the systems mean that *you* have control in deciding whether reuse or discharge is the right answer for your particular application.

Simply stated, Alkota systems offer standard configurations allowing reuse or discharge to sanitary sewer. The choice is yours.



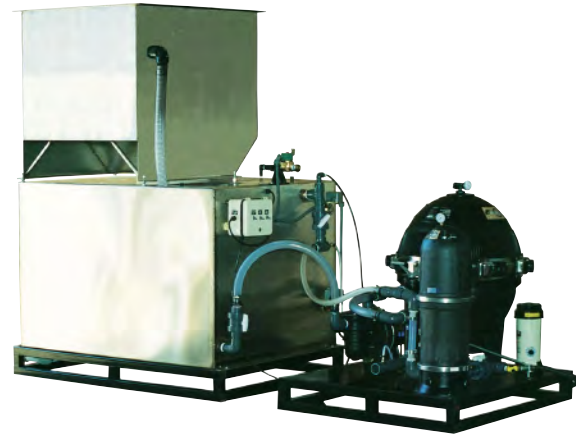
MODEL CSF-5 SPECIFICATIONS

Coalescing System: C-8 (8 GPM)
 Treatment Tank: 200 Gallons
 Voltage: 115V, 1 PH, Fuse - 20 amp
 Size: Vertical - L-73 1/4", W-51 1/4", H-87"
 Horizontal - L-100 3/4", W-51 1/4", H-55 3/4"
 Shipping Weight: 1066 lbs.



MODEL CSF-10 SPECIFICATIONS

Coalescing System: C-12 (10 GPM)
 Treatment Tank: 450 Gallons
 Voltage: 115V, 1 PH, Fuse - 20 amp
 Size: L-121", W-50", H-63"
 Shipping Weight: 850 lbs.



MODEL CSF-20 SPECIFICATIONS

Coalescing System: C-24 (20 GPM)
 Treatment Tank: 900 Gallons
 Voltage: 230V, 1 PH, Fuse - 20 amp
 Size: L-186", W-48", H-88 1/2"
 Shipping Weight: 1900 lbs.



OLD VALUES. NEW IDEAS.

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