

Extreme Clean

Features:

- High volume filtration capacity
- Dual multi media filtration systems
- Self-purging sludge settling tanks
- Automatic back flush systems
- Gravity flow through design
- Primary solids incline tank
- Extensive oil coalescing for free oil removal
- Active oil skimming system
- Polishing loop for emulsified oil removal
- Polishing loop for fines and metals removal
- Factory assembled and tested
- Automatic discharge system
- Easily integrated into existing systems

Benefits:

- With its gravity flow through design the unit can never interrupt car washing (even when turned off)
- Media filter changes are only every 40-50,000 cars
- Self-cleaning tanks – eliminate manual cleanout, lengthen service intervals and speed servicing
- Multiple polishing loops provide maximum oils, grease, heavy and light hydrocarbon removal
- High flow rates of 50+ gpm continuous
- No cartridge filters to stock and change
- Continuous pump operation eliminates control devices, surging, pump wear and improves filtration
- Total odor elimination – recycled water will not stink

How it Works:

This Hydrokleen system is designed to handle water recycling and/or wastewater pre-treatment to sanitary sewer. Water is pumped from the in-ground sump and discharged to the Extreme Clean. Wastewater flows into a primary solids settling tank and (by gravity) onto an oil coalescing system with 420,000 sq. in. of self-cleaning oil coalescing material. Here oils are separated, skimmed and decanted for disposal. By gravity water enters the first of two multi media polishing loop systems, where water is passed at 100 gpm multiple times through Hydrosorb media. This reduces light and emulsified hydrocarbons to less than 10 ppm. Again, by gravity water flows to a second polishing loop with activated carbon for additional hydrocarbon and metals removal. In the polishing loop water is circulated at 100 GPM assuring multiple passes through the job specific media. Filtered water is pressurized back to the washing equipment at 50+ gpm and 20 psi for reuse. Excess water from rinsing passes automatically (by gravity) from the system to sanitary sewer. Automatic back flush cycles are on demand or at timed intervals.

1. Specifications are effective October 8, 2002. 2. Specifications are subject to change without notice.

Applications: High volume recycling system / pre-treatment and discharge to sewer.



Shown with optional CMAFU-2

Specifications:

- Dimensions: 18' X 3' X 7.2' H
- Electrical: 220 V, 1 ph 30 Amps
- Flow rates: 50 + GPM
- Hydrocarbon red: to <10 PPM
- Outflow to wash: 2" pipe con.
- Outflow pressure 15 PSI
- Polishing rates: 2 x 100 GPM
- Tank capacity(s): (4) x 230 gals.



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