

Model CMAFU-2 Hydrokleen™

The Hydrokleen CMAFU-2 should be the first module of filtration in any wastewater stream that has solids present. Automatic operation of the CMAFU-2 reduces solids loading on any downstream filtration or pre-treatment equipment.

Standard Features:

- Stainless steel construction
- Automatic filter media advance
- Spent filter media collection tray – optional
- Gravity discharge of filtered water
- Automatic discharge of filtered water – optional
- Cascade electrical controls water inlet
- Casters provide mobility and increased flexibility



Options and Accessories	
Tank & Frame Options	
*1TR875	Wheel Kit, Casters
CMAST-1	Stand
1UK063	Conveyor Cover, W/Window
19816-1	Media Catch Container Cover
2KW341	Media Roll & Electrical Cover
Electrical: Power & Controls	
*1TR874	120 Volt, 1-Phase, 60 Hz
2BA788	220 Volt, 1-Phase, 50 Hz
Tank Inlet Options	
*1VB238	Single Inlet Feed
1TT898	Dual Inlet Feed
Discharge Options	
*1TT895	Gravity Discharge
1UK064	Auto Discharge, 60 Hertz
2DJ399	Auto Discharge, 50 Hertz

NOTE: * Standard

Specifications:

Dimension: 52" L X 25" W X 25 ½" H Weight: 182 LBS.

How Hydrokleen CMAFU-2 System Works:

Wastewater collected at the wash pad is automatically transferred to the CMAFU-2 where it is distributed evenly over a filter media bed. Media selected for the application is supported on a traveling concave conveyor surface that serves as a settling trough for wastewater slurry. Gravity provides the driving force for this low energy solids/liquid separation. Solids are captured atop the paper media as liquid permeates to a lower reservoir. As solids continue to collect on the media, liquid permeation rate is reduced causing the slurry level in the trough to rise. At a preset high level, a mechanical float is activated causing the support conveyor to advance. Media and collected solids also advance with conveyor thereby exposing a fresh media section. With new media, slurry level in the trough drops and solids/liquid separation continues automatically. As a function of conveyor advance, spent media and collected solids are deposited in a collection tray for periodic removal and disposal. Liquid in the lower reservoir is automatically transferred for subsequent processing.

NO CARTRIDGE FILTERS to clean or change out!