

# The Filter Klear Fountain Solution Recycling System

# Filter Klear Features & Benefits

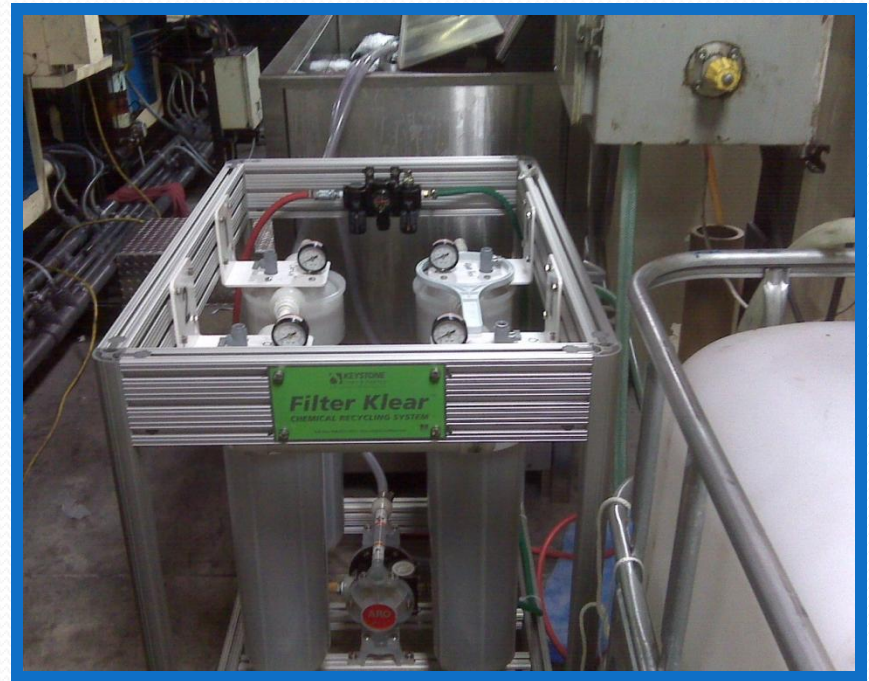
- Works with all fountain solutions and alcohol substitutes
- Does not lessen or weaken solutions
- Safely removes paper, ink, and mold contaminants that impair print quality while saving thousands of dollars on pan and tank maintenance costs
- Stabilizes and maintains a consistent fountain conductivity and tank cleanliness that translates into fewer print problems and reduced down time
- Affordable and easy to purchase because it comes direct to you from the manufacturer (Keystone)

# Filter Klear is a Portable System

- Systems are on wheels and can easily be moved by hand
- System can fit into almost any tight operating space
- Design can also be altered to hang on wall or fit in a specific area

Connect system to house air or electric and turn on...that's it.

No manuals or special kit hook-ups needed



# The Affordable Answer to Today's Contamination Concerns

- The Filter Klear Fountain Solution Recycle System is currently in use at: The Sheridan Press (Hanover, PA )
- Working next to a Technotrans unit for over one year with an estimated ROI of 3 months based on waste savings and labor reduction
- Contact Mr. Troy Ohme (Pressroom Manager) at Sheridan Press for questions @ 800-352-2210

# Portability and Efficiency on Wheels





# Cost Savings Estimates & Startup

## Cost Savings:

- Labor savings through faster setups due to no press cleanup between runs and solution change-out once every month or two, and is accomplished in ½ the time because the tanks stay clean. One company saved \$1500/wk. in maintenance costs and improved press output.
- Lower chemical costs as fountain solutions last longer. Estimated usage of fountain solution reduced to 1/10 of current usage.
- Elimination of disposal costs due to ability to re-use spent fountain solution as a percentage of make-up solution.

## Startup and run costs:

Four cartridge system engineered so that least expensive cartridges need to be replaced more frequently as they protect the more expensive cartridges.

Simple to operate. Pressure gauges on each filter indicate when cartridges need to be changed.

Four cartridge filter initial cost is \$484. If installing on dirty system, lower cost pre-filter cartridges will plug quickly as system is cleaned up. Once system is cleaned cartridges will last from a week to more than a month – depending on operating conditions and paper. Most companies spend \$200 - \$400 per month on cartridges for each system.

Payback on system and cartridge purchase in a few months, depending on labor costs and operating conditions.

# Keep Fountain Solution Performing Like New

- Reduces tank and pan maintenance
- Increases life of fountain solution up to 6x or more
- Controls incoming calcium contamination
- Keeps presses running cleaner and longer



## Cost Savings:

- Tank cleanout goes from weekly to monthly or longer
- Fountain solution lasts 4-6 times longer – no effect on pH or conductivity
- Reduced setup time - Press stays clean throughout run
- Spent solution can be used as portion of makeup solution – zero discharge
- Eliminates problems with “dirty” paper or calcium contamination



## Description:

Four cartridge filtration system with circulating pump. Uses quick connect to plant air for pump.

Simple and economical cartridge change-out provides quick payback.

Portable system can be easily moved

Works equally well on sheet fed or web presses

# Partial Customer List

## Harmony Press, Easton, PA

Customer since May 2009



System tucked behind new Heidelberg 8 color sheet press



Hoses going into solution tank



Solution remains clear as new with no change in pH or conductivity.

## BBF Printing Solutions, Pinnelas Park, FL

Customer since February 2009

Multi-color web press

## Quad Graphics, Sussex, WI

Customer since April 2009

6-color RDP narrow web press

## Sheridan Press, Hanover, PA

Customer since December 2010

Man Roland 700 10 color sheet press



# About Us

- Met-Pro Corporation is a global provider of niche solutions for product recovery, pollution control and fluid handling. Operations in the US, Canada, Europe and China.
  - Products and Solutions include filtration and purification equipment for air, water, harsh/corrosive liquids, fluid handling, and proprietary water treatment chemicals
- Keystone Filter is a division of Met-Pro and manufactures a wide range of air and liquid filtration products
  - Products include industrial and home drinking water filters
  - Major markets include bottled water, ink, medical and home drinking water

## Contact Information

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