

**YOU CAN SAVE MONEY BY RECYCLING UP TO
90% OF YOUR WASTEWATER STREAM!**

KEMCO

CERAMIC MICROFILTRATION SYSTEM



KEMCO's Ceramic Microfiltration System is a cost effective way to achieve a high recycle rate for industries that require large amounts of process water. KEMCO's CMF System removes suspended and emulsified contaminants from wastewater, without the addition of treatment chemicals. Through the use of ceramic elements with porosity of less than 1 micron, wastewater is cleansed to a recyclable quality.

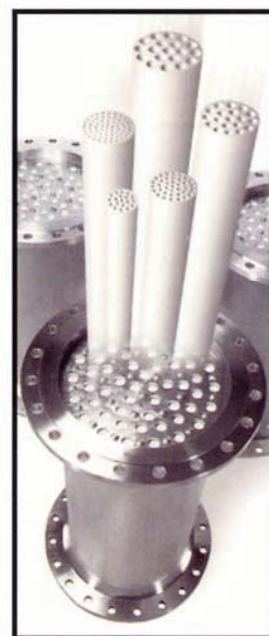
KEMCO's CMF System uses highly effective cross-flow filtration technology. The wastewater stream runs through ceramic elements in the filter modules, as well as passing through pores in the filter element, to produce a product water filtrate. The cleaned filtrate is diverted to a storage system for recycling. Rejected contaminants are removed in a small "concentrate" stream.

PRINCIPAL COMPONENTS – CERAMIC MODULE

Stainless steel modules house the required number of elements (based on the wastewater flow rate). The element is an all ceramic tube consisting of channels lined with a ceramic membrane. The membrane will provide filtration to a variety of sub-micron pore sizes.

DOCUMENTED TEST RESULTS

PARAMETER	RAW	TREATED	% REMOVED
Suspended Solids	300	6.0	98%
Oil & Grease	590	14.0	97%
COD	2100	310	85%



FROM METER TO SEWER: TOTAL INDUSTRIAL WATER SYSTEM SOLUTIONS SINCE 1969



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REDUCE SURCHARGES!

KEMCO'S CERAMIC MICROFILTRATION SYSTEM IS DESIGNED TO MEET YOUR WATER REUSE/RECYCLE REQUIREMENTS

CMF FEATURES

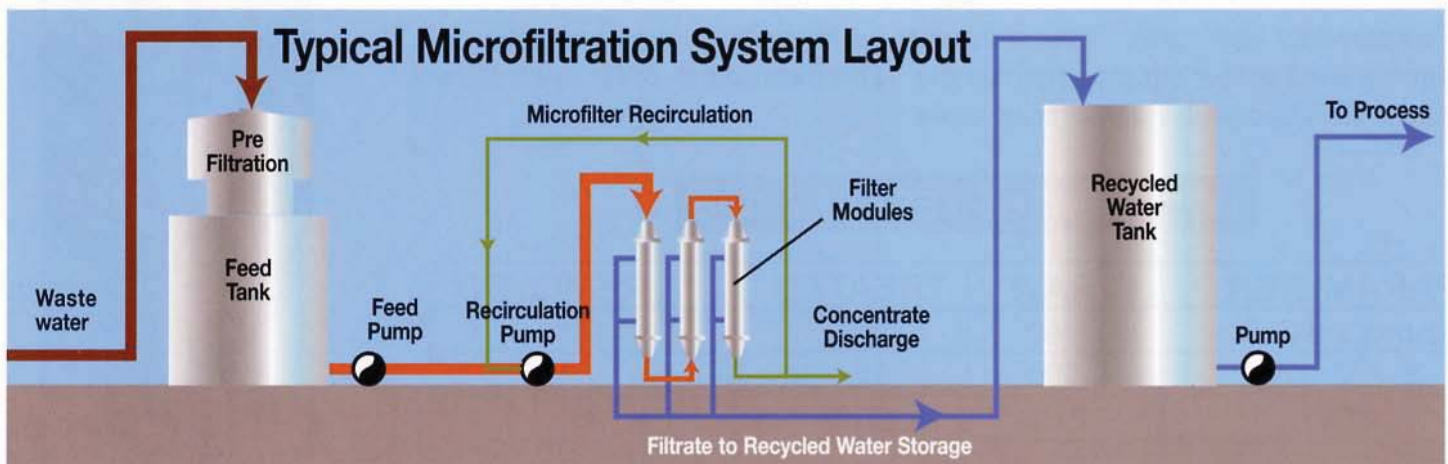
- Cost effective - compact design
- Total pre- piped system
- Automated and user friendly
- Guaranteed to perform under high temperature and pH

CMF BENEFITS

- No equalization or treatment chemicals required
- Reduce water and discharge (sewer) costs and surcharges
- Ease of installation
- Minimal maintenance – no full time operator required
- Nano filtration or reverse osmosis can be added after CMF to recycle all of your wastewater – **NO DISCHARGE TO SEWER!**



For a nominal fee, KEMCO can conduct a bench scale treatability study to determine the effectiveness of the CMF technology in treating your waste - water stream. KEMCO can also lease a pilot CMF test unit to be used on site at your facility for testing a continuous wastewater flow rate of up to 10 GPM.



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www.kemcosystems.com



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