

# PRAB ULTRAFILTRATION SYSTEM

## PROVEN TO REDUCE HAUL-AWAY COSTS UP TO 90%

### Cut Detergent and Washwater Costs up to 75%

PRAB's line of Ultrafiltration Systems are designed to separate emulsified oils and suspended solids from wash water, rinse water, mop bucket, and floor scrubber waters to extend their useful life. Customers have benefited from the reduction in the use of water, reduction of detergent cost by up to 75%, and decreased disposal costs up to 90%.



PRAB Ultrafiltration System

### Customer Documented Results

*Eaton Corporation of Marshall, Michigan achieved a total washer cleaner savings of \$196,000 a year and reduced energy use by 20% using PRAB Ultrafiltration.*

### Top Features & Benefits:

- No hazardous chemicals required
- Highly efficient membrane modules
- Turnkey system – fully assembled, tested, and ready to install
- Standard modular system from 100-6,000 gallons/day
- Larger systems available upon request
- "Pre-treatment" and "Post-treatment" modules available
- Prolongs life of wash water and rinse water
- Reduces cost of wash water detergents, heating and disposal
- System effluent water can be discharged to sewer or reused
- Simple automatic operation requires little attention and maintenance
- No chemical additives



Backed by the **PRAB Difference**

# PRAB ULTRAFILTRATION SYSTEM

## DECREASE OILY WATER VOLUMES AS MUCH AS 98%

Everything you need for manual or automatic ultrafiltration is included with our systems. Each turnkey system is designed for ease of installation, quick start-up, and efficient operation with minimal maintenance. PRAB backs every system with its 100% Performance Guarantee.

### Applications:

- Machining and grinding
- Primary metals
- Wash waters
- Die casting
- Stamping
- Transportation
- Vibratory deburring
- Pressure wash

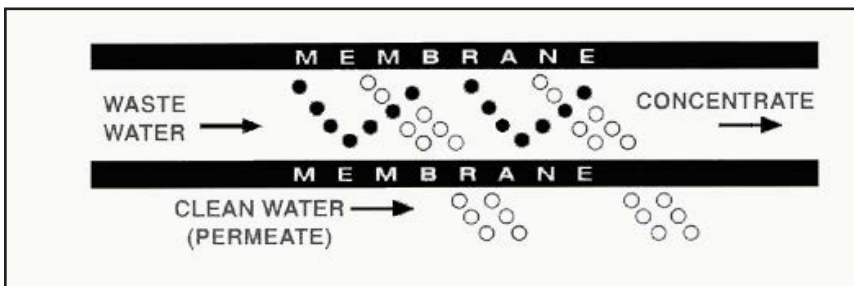
### Membrane Technology

Membrane technology is simple. The membrane separates the wash water, rinse water, and oily wastewater into two streams. One contains the concentrated disposable water and the other contains clean water or recyclable wash water.

PRAB utilizes the latest and best-available technologies when designing ultrafiltration systems. Depending on the application, we will select hollow fiber, tubular, or other types of membranes.



**Pictured Above:** PRAB Tubular Ultrafiltration system used to treat oily wastewater consisting mostly of used die lube and mop bucket/floor scrubber water. This system was custom designed with twenty-two Porex Tubular Membranes (1" in diameter by 6' long) that were vertically mounted to minimize floor space.



A true performance guarantee ensuring your PRAB equipment achieves the specific results it was designed and manufactured to deliver. And if you need technical support, call us. We are available 24/7.

Contact us to **request a quote** today

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