

## Pleated Sand-Backflush Filtration System

The **RPBE1** is your solution to EPA local and state regulations mandating wastewater containment, filtration, and reuse. Designed as an addition to your wash pad, the 6-stage filtration process includes a 3-tank oil-water-solids separation system, oil coalescing, multi-stage filtration process that utilizes both a sand filter and pleated filter, and an on-demand water delivery system. Maintenance is simple, by switching the valve to backwash for the sand filter. Simply clean or change the pleated cartridges as indicated by the pressure gauge. The system incorporates three-cell inclined flow clarification at a controlled flow rate and allows for manual purging of settled solids from the tank bottoms. It is designed to treat light to moderate loads of wash water and manually back flush solids and oils for increased performance and less maintenance. It can be utilized in a wash environment for closed loop, wash water reuse or for discharge to the sewer. Ideal for small maintenance and rental yards, diesel truck and equipment repair facilities, military bases and municipalities or anywhere wash water treatment is required and conservation is a necessity. System includes a 270-gallon water storage tank

<b>PROCESS FLOW RATE</b>	Wastewater process flow up to 8-10gpm
<b>FRAME</b>	Stainless Steel frame
<b>POWER REQUIREMENTS</b>	120 Volt AC, 20-amp, 1 phase service
<b>SEPARATOR TANK SYSTEM</b>	
<b>SOLIDS SEPARATION</b>	Gravity 3-cell separation process with solids purge drain valves
<b>OIL SEPARATION</b>	Polypropylene oil coalescing spheres, oil absorption media bag
<b>INLET DEBRIS CATCHER</b>	800 Micron bag filter, 7" x 32", poly felt
<b>FILTRATION SYSTEM</b>	
<b>TRANSFER PUMP</b>	120 Volt, 9.4 amp, ½ hp Centrifugal pump, float switch controlled
<b>PRIMARY FILTRATION</b>	Sand Media Filter, 300 lbs.
<b>SECONDARY FILTRATION</b>	Pleated Filter, 135 sq. ft.
<b>SANITATION CONTROL</b>	Chlorine injection
<b>WATER DELIVERY SYSTEM</b>	
<b>WATER DELIVERY PUMP</b>	120 Volt, 9.4 amp, ½ hp Centrifugal jet pump, 8gpm demand flow activated
<b>STORAGE TANK</b>	
<b>STORAGE TANK SYSTEM</b>	270 Gallon polyethylene tank, 47 x 34 x 47, with auto water fill
<b>OPTIONS</b>	
<b>SUMP PUMP</b>	1/3 hp, 115 volt, cast iron with float switch, (part # PS105)
<b>R4T SEPARATION SYSTEM</b>	Heavy solids separator system, (part # R4TE1)
<b>DIM / WEIGHT</b>	Dimensions 48" x 40" x 60, 2 skids, Weight "Approx" (750 LBS)
<b>WARRANTY</b>	One year accessory warranty

### Featuring...

- ✓ Plug and play installation in hours not days:  
Connect hoses to integrated storage tank and filter, Plug into standard power outlet, power on and use
- ✓ Controlled flow 3 cell clarification tank system.
- ✓ Automatic pump controls w/low water shut-off switch.
- ✓ Storage tank equipped with replenishment valve.
- ✓ Sand system equipped with quick connects plumbing and simple backwash valve system.
- ✓ Rust proof stainless steel construction

TO: \_\_\_\_\_

COMMENTS: \_\_\_\_\_

YOUR PRICE: \_\_\_\_\_

DISTRIBUTED BY: \_\_\_\_\_



**270g storage tank  
also included, not shown**