

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 and just clean or change the 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.

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