

Keeping Idaho Clean and Green

The **RPFE1 (PFE)** 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, just clean or change the cartridges as indicated by the pressure gauge. This is the system of choice to recycle pit wastewater at rental centers, vehicle maintenance facilities, and detail and body shops.

PROCESS FLOW RATE	Wastewater process flow up to 6gpm
FRAME	Stainless steel frame
POWER REQUIREMENTS	120 Volt AC, 20-amp
OIL SEPARATION	Center water column removal process, 1 cu ft oil coalescing spheres, dual oil absorption media bags
SOLIDS SEPARATION	3 stage inclined gravity separation with sludge / solids drain
TRANSFER PUMP	6.0gpm, centrifugal and automatic level control
PUMP POWER	115-volt, 9.4amp, panel controlled
BAG FILTERS	1) 100 micron polyester felt bag 7" x 32"
PRIMARY FILTER	135sq ft cellular media pleated, 1) 20 micron
SECONDARY	1) 4.5" x 20" polyester pleated, 10 micron
CARBON FILTER	1) 4.5" x 20" activated carbon: hydro carbon, oil and odor removal
FINAL FILTRATION	1) 5 micron polyester felt bag 7" x 32"
SANITATION	Automatic Chlorinator Injection System
WATER DELIVERY PUMP	6.0gpm 45psi, centrifugal jet w/ automatic on-demand operation, 115-volt, 9.4amp
SAFETY CONTROL	Automatic low level safety pump shut-off system
STORAGE TANK	200 gallon polyethylene tank with auto water fill, 29" x 47" x 30"
WARRANTY	One Year Accessory Warranty
WEIGHT/DIMENSIONS	427# dry weight, 40" x 48" x 58" (demo and deliver with standard pickup truck)

Featuring:

- ✓ **Reuse wastewater:** Separate sediment and oil and filter water to be reused by your pressure washer
- ✓ **Compact and simple to install:** Plug into standard power outlet, connect hoses to integrated storage tank, power on and use – Plug and play in less than an hour.
- ✓ **Simple to operate and maintain:** Includes automatic pump controls, sump pump, low water shut-off switch and replenishment valve. Clean or replace filter cartridges when indicated and pull quick purge valves.
- ✓ **Low cost wastewater compliance** for medium to light duty, non-detergent washing
- ✓ **Rust proof stainless steel construction**



200g storage tank also included, not shown in photo