Overview

- Portable fuel filtration and conditioning unit
- For field, jobsite use
- For use with generator base tanks, day tanks, AST's to 2000 gallons
- 5 micron particulate filtration
- Spin-on particulate filter
- 10ppm water coalescing filter
- 6 gallon waste holding tank
- 7 gpm pump
- Includes hoses and wands

Description

Joe Filter is a field service, job-site maintenance tool used to clean fuel in long-term storage in small tanks. Typical applications are generator base tanks, generator day tanks, and small bulk storage tanks to 2000 gallons. Joe Filter is fully portable and self-contained. Joe is easily moved at the job-site by one person using his built-in wheels and handle and can be off-loaded from a service truck via a lift-gate or ramp.

Joe Filter provides complete fuel filtration and conditioning with his built-in 5-micron, spin-on particulate filter and 2 PPM water coalescing and separating filter. A 6-gallon holding tank is included for draining of the separation canister.

Joe includes a 7 GPM, cast-iron, high-lift pump and pump control panel. Water detection, filter differential pressure and holding tank full alarms are provided.

A selection of hoses and wands are supplied with Joe Filter. The service tech need only access the tank through an available port and insert the suction and return hose/wand. The circulation pump can then be run continuously until the tech is satisfied with fuel condition. Typically, at least one-quarter of the tank is circulated, drawing from the tank sump. The pump will automatically stop and an alarm will be activated if the water collection canister fills or the particulate filter differential pressure limit is reached. The tech can then either drain the collection sump or replace the particulate filter and resume filtration.

With modern diesel engines, fuel quality is paramount and poor fuel quality is a prime cause of generator set unreliability. Joe Filter is the ideal field service assistant for the multitude of generator sets equipped with integral base tanks or day tanks where fuel has been stored long-term and may have degraded from water and particulate contamination and the resultant growth of algae and bacteria and rust formation.

Contact Simplex today to recruit Joe to your field service team.

**Joe Filter with Optional Timer
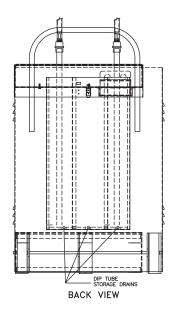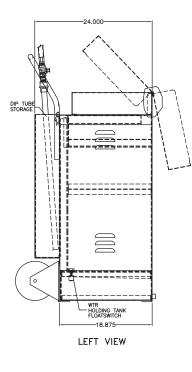(Top View with Control Panel Cover Open)**

How Long Should Joe Work?

Most fuel contaminants will settle from still fuel resulting in a stratification of fuel with contaminants concentrated in the lower strata. Therefore, it is necessary to circulate and filter the lower 25-33% of the tank contents. Using the included wands and hoses, Joe will draw fuel from the bottom of the tank and return fuel into the upper portion with minimal disturbance of the settled strata resulting in good filtration performance and removal of contaminants and water.
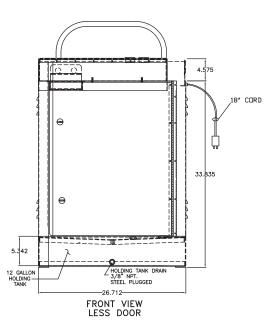
Joe has a 7 GPM pump. So, for a 200-gallon base tank, to circulate 50 gallons, Joe only needs to work less than 8 minutes. You don't have to go that easy on Joe. He'll work non-stop and needs no breaks.

Joe Filter Includes

• Portable enclosure, aluminum construction, painted safety-yellow. Equipped with casters and feet and handle. Includes top control panel with protective cover and storages bin for hoses and wands.

• Selection of supply and return hoses and wands

• 1/2" inlet ball valve and ½" outlet ball valve, quick-disconnect couplings

• 7 GPM, cast-iron gear pump; ¼ HP, 120v motor

• Motor control relay and run/stop pushbuttons

• 18' cord with plug, 120v, 15A

• Neon indicators: power-on, holding tank full, water collection full, filter blocked

• 5-micron spin-on filter with pressure differential switch

• 2 PPM water coalescing separator with collection sump and water detection switch

• 6 gallon holding tank with float switch

• Optional timer available

BACK VIEW

DIP TUBE STORAGE DRAINS

24.000

DIP TUBE STORAGE

WTR HOLDING TANK FLOATSWITCH

18.875

LEFT VIEW

4.575

18" CORD

33.835

5.342

12 GALLON HOLDING TANK

HOLDING TANK DRAIN 3/8" NPT. STEEL PLUGGED

26.712

FRONT VIEW
LESS DOOR