

# Reliant Series FilterTank

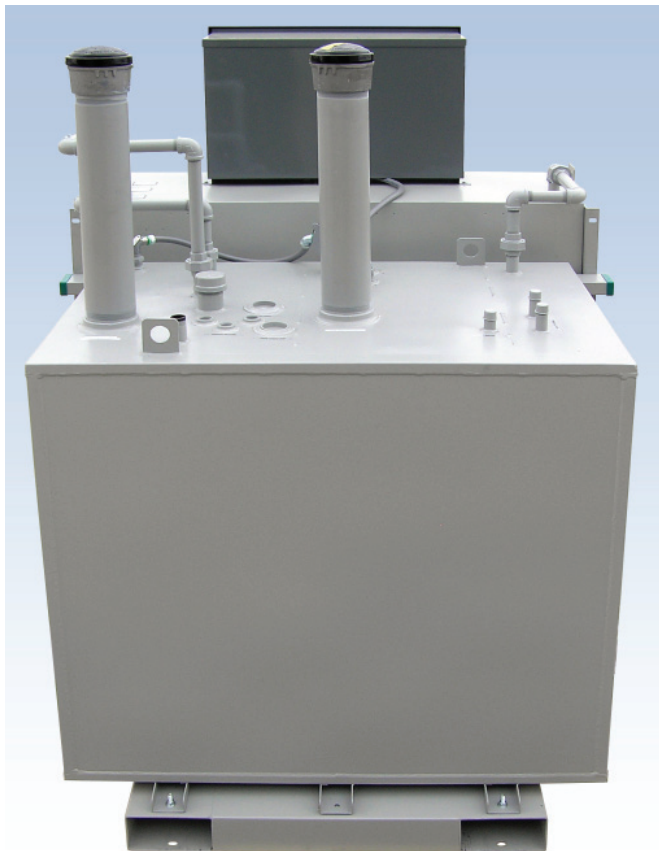
## Description

The Simplex Reliant Series FilterTank Systems Fuel Tank is a special variant of the Simplex Reliant Series product. The FilterTank variant incorporates an on-board filter-separator into the Reliant Series System. An on-board pump is required and can be either an included fill pump or return pump equipped with flow-control solenoid valves or a dedicated 2 GPM filter circulation pump.

## Overview

- Variant of Simplex Reliant Series, with inclusion of integral tank filtration system.
- UL142 double-wall tank construction
- Addition of fuel filter-separator
- Re-circulates fuel in day tank to remove harmful particles and water
- Requires on-board pump
- 10-400 gallons
- For use as day tanks, return tanks, source tanks
- For use with fuel oil
- UL508 digital and analog controllers
- Specify Simplex Reliant FilterTank





FILTER QUALITY		SYSTEM STATUS
RUN TIME SINCE LAST FUEL DELIVERY	83.65 HOURS	PREFILTER PRESS.
RUN TIME SINCE PREFILTER SERVICE	156.73 HOURS	COALESCER PRESS.
RUN TIME SINCE COALESCER SERVICE	25.87 HOURS	

## Filter-Separator Specification

- Epoxy coated steel filtration vessel with removable top closure, water sump and drain
- Replacable cartridge media combining particulate filtration, water coalescing and water separation
- Nominal 2-10 GPM flow rate, depending on pump selection
- 2-micron particulate filtration
- Nominal 5PPM water separation
- Differential pressure gauge and alarm
- Water detection sensor and alarm
- Automatic operation. HOA switch. Programmable for day of week, time of day and cycle time operation
- System stops and an alarm activates upon detection of a saturated filter or full water sump
- When used with Tank System included fill or return pump, a solenoid valve arrangement will be added to provide for continuous recirculation within the tank during a filtration cycle. **The filtration cycle will be interrupted if the included pump is called upon to refill or drain the tank.**
- When used with a dedicated circulation pump, a 2GPM, 0.33HP, 115v pump will be added and plumbed for simple re-circulation via supply and return drop tubes. A one-way check valve and isolation hand valves are also included.

**UL 142, Double-Wall  
UL508 Controllers**