

STF Filter Vessels

STF High Capacity Filter Vessels are made with the highest level of engineering and quality. Design pressures are available to 2220 psig with sizes to meet almost any flow requirement.



Horizontal vessels for 60" & 80" length filters

Vertical vessels are also an option for 40" High Capacity Filters.

Existing cartridge and bag filter vessels can be upgraded to STF High Capacity Filters with minimal changes to existing piping and foundation.



With their superior solids holding most users prefer horizontal vessels when using STF 60" or 80" High Capacity Filters. STF vessels are available as skid mounted units, or with saddles or legs as required.

Quick opening closures are a standard on horizontal vessels. Also included are pull bars, lift lugs, fork lift slots, and heavy duty full bore nozzles.



Quick Opening Closure

STF also offers economical single element vessels for less flow rates. Both horizontal and vertical vessels are available. An 8" diameter STF vessel containing a single 80" filter can handle up to 500 gpm flow and match the solids holding of a larger 24" diameter vessel with standard 40" depth filters.



Single element vessels, 304L SS, 275 psig

Ideal for Pipeline Pigging

The solids generated in pipeline pigging can overwhelm standard filter systems. The slug of solids in front of a pig can cause rapid filter plugging and filter failure. Standard filter systems will require numerous change outs, often in a short period of time.

STF filter systems are a leader in pipeline pigging filtration. A 24" diameter STF vessel with 80" filters and can flow over 4,900 gpm (7,000 bl/hr) in LPG and can remove a slug of solids exceeding 300 lbs. The result is less filters required.

Filter change outs are also faster when using STF vessels. Each vessel is equipped with a quick opening closure which is safe and easy to operate. STF filter cartridges are easily installed and have a zero bypass seal. There are no seal nuts or springs required.

Solids are trapped inside STF filter cartridges and not jarred loose during operation or liquid evacuation. The result is a cleaner vessel interior and a reduced need to wash the vessel between change-outs.

