

# Hot Water Side Stream Filter Systems

The hot water filtration system is especially suited for side stream filtration of boiler systems. Where solenoid valves are used and frequent water hammer occurs, the Side Stream Filter System is the answer.

## Standard Features - Side Stream Filter

- Superior strength and durability with very high operating pressure to 250 psi and temperature rating to 200°F
- Accepts a complete range of 9-3/4" cartridges for application flexibility (See page 129 for available cartridges)
- Assures positive cartridge sealing and easy cartridge change
- Sumps available in larger sizes to accept higher flow rates up to 20 gpm
- Available as single housing or as filter assembly



**SSF-ST1**  
(main)

## Features of Assembled SSF-ST1

- 3/4" nickel plated brass ball valves for fast cartridge changes
- Flow indicator easily displays flow path and flow rate (4 - 8 gpm) and is constructed of 304 stainless steel
- Brushed 304 stainless steel sump with a brass/nickel plated head
- All units offer a choice of either pipe plug or pet cock in the bottom for draining the sump

Item	Model	Inlet/Outlet Size	Height	Dimensions Length	Depth	Approx. Weight	Maximum Flow Rate	Maximum Water Temp.	Maximum Water Pressure	# of Cartridges Required	Flow Indication Range
15601705	SSF-ST1	3/4" FNPT	14"	13-3/8"	9"	11 lbs.	10 gpm	200°F	250 psi	1	4 - 8 gpm

**NOTE:** The manufacturer reserves the right to make product improvements which may deviate from the specifications and descriptions stated herein, without obligation to change previously manufactured products or to note the change.

# ***Side Stream Filter Systems - Hot Water Cartridges***

## ***Tin Core String Wound Cartridges***

### ***Specifications***

- Tin core and string wound natural cotton media is suitable for general purpose high temperature filter applications with water, oils, solvents, paints and other non-FDA (non-potable) applications.
- Maximum Cartridge Temperature - 300°F (149°C)
- 2.5" O.D. Core x 10" Length (suitable for #10 and ST-1 Housings)
- Available in 5, 10, 25, 50 micron ratings

26141 ..... 5 micron, 10", Tin Core Natural Cotton  
26134 .....10 micron, 10", Tin Core Natural Cotton  
26135 .....25 micron, 10", Tin Core Natural Cotton  
26136 .....50 micron, 10", Tin Core Natural Cotton

## ***304SS Core String Wound Cartridges***

### ***Specifications***

- 304 stainless steel core and string wound natural cotton media is suitable for slightly aggressive high temperature filter applications with water, oils, solvents, paints, moderately corrosive fluids and other non-FDA (non-potable) applications.
- Maximum Cartridge Temperature - 300°F (149°C)
- 2.5 O.D. Core x 10" Length (suitable for #10 and ST-1 Housings)
- Available in 5, 10, 25, 50 micron ratings

26137 .....5 micron, 10" 304SS, Natural Cotton  
26138 .....10 micron, 10" 304SS, Natural Cotton  
26139 .....25 micron, 10" 304SS, Natural Cotton  
26140 .....50 micron, 10" 304SS, Natural Cotton

### ***Features***

- The string wound winding pattern produces a greater solids-holding capacity and true depth filtration. Each 10" length cartridge provides 3.5 square feet of surface area and approximately 1/2 to 1 lb of solids retention before replacement. (NOTE: Actual amount of retention depends on type of solids and heat pressure.)
- Ideal for heating loop filtration applications using Side Stream Filter System Model SSF-ST1 (Item #15601705).