

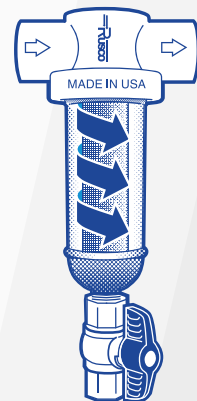


# SPIN-DOWN™ & SEDIMENT TRAPPER™ GUIDE



## FILTER FEATURES

- ▶ Centrifuge Spin-Down™ type sediment separation
- ▶ Clear cover easily removed for total cleaning (no tools required\*)
- ▶ Reusable elements with polyester and stainless steel screens are available in various mesh sizes
- ▶ Chemical resistant models available for chemical applications



# SPIN-DOWN™ FILTERS

## T STYLE



Popular design used for straight through plumbing.

- Clear cover provides visibility when filter needs cleaning
- Sediment is quickly and easily removed by opening the ball valve at the bottom of the filter cover
- Reusable polyester and stainless steel element screens in many mesh sizes

## Body

Rusco™ Spin-Down™ Sediment Filter bodies are PVC material in 3/4" FPT, 1", 1-1/2" and 2" slip x slip connections in and out. Bushings are available to convert 1", 1-1/2" and 2" slip by slip connections to female pipe thread. FPT is molded into 3/4" body and not glued to prevent cracking.

## Covers†

Rusco™ Spin-Down™ Filter covers are made of high impact polymer resin for maximum strength and durability. 1/2" MPT nipple on bottom of cover for connection of plastic ball valve for easy cleaning.

## Filter Elements

Polyester and stainless steel element screens are available in many mesh sizes to meet your requirements.



## SPECIFICATIONS

MODEL NO.	MIN <sup>Δ</sup> /MAX FLOW	INLET/OUTLET	LENGTH	WIDTH
1-#-F	1-25 GPM	1" SLIP	11 3/8"	5"
1-1/2-#-F	10-50 GPM	1 1/2" SLIP	15 3/8"	5 1/4"
2-#-F	18-100 GPM	2" SLIP	17 7/8"	5 1/2"

## ADDITIONAL CONFIGURATIONS

### COMBO STYLE (CF)



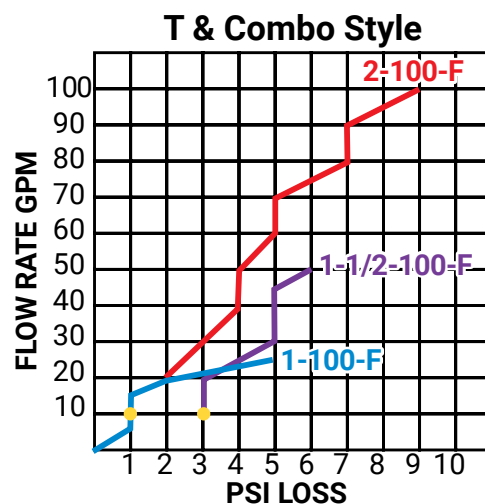
Allows for adjustable plumbing configurations.

### L STYLE (L)



For use in jet pump applications.

## PRESSURE LOSS



● Typical home system flow rate

**Rusco filters provide for very low pressure loss.**

## Ordering Information

- Replace "#" with mesh size when ordering.
- For stainless steel element, add "SS" after mesh size.
- For chemical resistant cover, add "CR" prior to "F".
- For white cover, add "W" prior to "F".
- 10 filters per case. All filters are individually boxed to prevent loss or damage.
- *Example product numbers:* 3/4-100-F, 1-30SS-F, 1-1/2-30 CR-F

† Chemical Resistant covers available for use in chemical applications. Please refer to our chemical application chart for suitability.

Δ Minimum flow needed for "Spin-out" action. L Filters don't produce "Spin-out" action.

# SEDIMENT TRAPPER™ FILTERS

## T STYLE



Used for straight through plumbing and offers additional trapping space.

- Unique element design traps sediment in lower reservoir of clear cover
- Clear bowl easily removed for total cleaning (No tools required\*)
- Sediment is visible through the clear cover indicating when the filter needs cleaning

## Filter Element

Easily convert a Spin-Down Filter to a Sediment Trapper when dealing with large amounts of debris. Filter elements are easily interchangeable without replumbing a system.

## SPECIFICATIONS

MODEL NO.	MIN <sup>Δ</sup> /MAX FLOW	INLET/OUTLET	LENGTH	WIDTH
1-#ST-F	<b>1-25 GPM</b>	1" SLIP	14 3/8"	5"
1-1/2-#ST-F	<b>10-50 GPM</b>	1 1/2" SLIP	15 3/8"	5 1/4"
2-#ST-F	<b>18-100 GPM</b>	2" SLIP	17 7/8"	5 1/2"

## ADDITIONAL CONFIGURATIONS

### COMBO STYLE (CF)



Allows for adjustable plumbing configurations and offers additional trapping space.

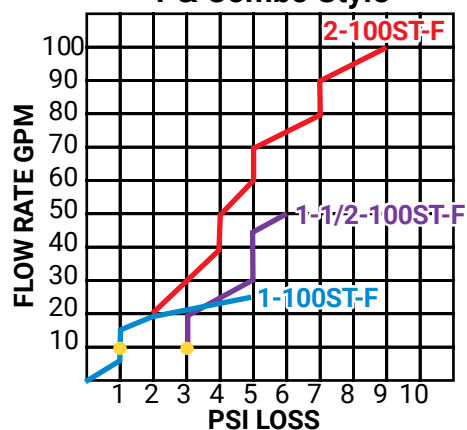
### L STYLE (L)



For use in jet pump applications and offers additional trapping space.

## PRESSURE LOSS

### T & Combo Style



● Typical home system flow rate

**Rusco filters provide for very low pressure loss.**

## Ordering Information

- Replace "#" with mesh size when ordering.
- For stainless steel element, add "SS" after "ST".
- For chemical resistant cover, add "CR" prior to "F".
- 10 filters per case. All filters are individually boxed to prevent loss or damage.
- Example product numbers: 1-100ST-F, 2-60STSS-F, 1-1/2-140STSS-F

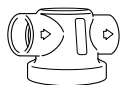
\*Using tools voids warranty

Δ Minimum flow needed for "Spin-out" action.

# PART SPECIFICATIONS

## FILTER BODIES

### SPIN-DOWN™ & SEDIMENT TRAPPER STYLE



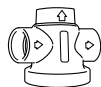
MODEL NO.	SIZE	LENGTH	WIDTH
1B	1"	2 1/2"	5"
1.5B	1 1/2"	3 1/8"	5 1/4"
2B	2"	4 1/2"	5 1/2"

### L SPIN-DOWN™ & SEDIMENT TRAPPER STYLE



MODEL NO.	SIZE	LENGTH	WIDTH
L 1.5B	1 1/2"	4 3/8"	4 1/2"
L 2B	2"	7 1/2"	5 1/2"
L 1.5BL ST	1 1/2"	4 3/8"	4 1/2"
L 1.5BH ST	1 1/2"	4 3/8"	4 1/2"
L 2B ST	2"	7 1/2"	5 1/2"

### COMBO SPIN-DOWN™ & SEDIMENT TRAPPER STYLE



MODEL NO.	SIZE	LENGTH	WIDTH
CF 1.5B	1 1/2"	4 3/8"	5 1/4"
CF 2B	2"	5 3/4"	5 1/2"

## O-RING KITS

### SPIN-DOWN & COMBO STYLE

MODEL NO.	SIZE
1OR	1"
1.5OR	1 1/2"
2OR	2"

### L STYLE

MODEL NO.	SIZE
L1.5OR	1 1/2"
L2OR	2"

## FLUSH VALVE

MODEL NO.	LENGTH	WIDTH	INLET
.5FV	2 7/8"	1 1/4"	1/2" FPT

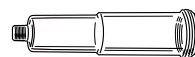
## FILTER COVERS

### SPIN-DOWN & COMBO STYLE



MODEL NO.	SIZE	LENGTH	WIDTH
1C	1"	6 1/2"	2 3/8"
1.5C	1 1/2"	9 7/8"	2 3/4"
2C	2"	11"	3 3/8"

### SEDIMENT TRAPPER STYLE

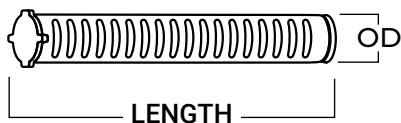


MODEL NO.	SIZE	LENGTH	WIDTH
1CST	1"	9 3/8"	2 3/8"

## SUN SHIELD

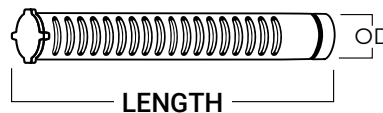
MODEL NO.	DESCRIPTION
SS1	1" Spin-Down Filter
SS1-ST	1" Sediment Trapper
SS1.5	All 1 1/2" Spin-Downs & Sediment Trappers
SS2	All 2" Spin-Downs & Sediment Trappers

# ELEMENT SPECIFICATIONS



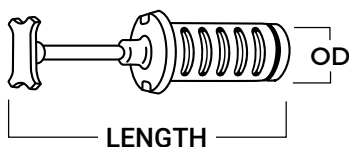
## SPIN-DOWN™ STYLE

MODEL NO.	LENGTH	OD
FS1	5 1/4"	1 1/8"
FS1-1/2	8 1/8"	1 5/8"
FS2	10"	1 7/8"



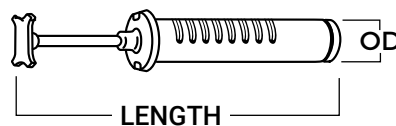
## L STYLE

MODEL NO.	LENGTH	OD
LFS1-1/2	10 1/8"	1 5/8"
LFS2	13 3/4"	1 7/8"



## SEDIMENT TRAPPER STYLE

MODEL NO.	LENGTH	OD
FS1-ST	5 1/8"	1 1/8"
FS1-1/2-ST	8 1/8"	1 5/8"
FS2-ST	10"	1 7/8"



## L SEDIMENT TRAPPER STYLE

MODEL NO.	LENGTH	OD
LFS1-1/2-ST	10"	1 5/8"
LFS2-ST	13 3/4"	1 7/8"

## MESH/MICRON SIZING

MESH	MICRONS	INCHES
24	711	.028
30*	533	.021
40	381	.015
60*	254	.010
100*	152	.006
140*	104	.004
200**	74	.0029
250*	61	.0024
500*	30	.0012
1000*	15	.0006

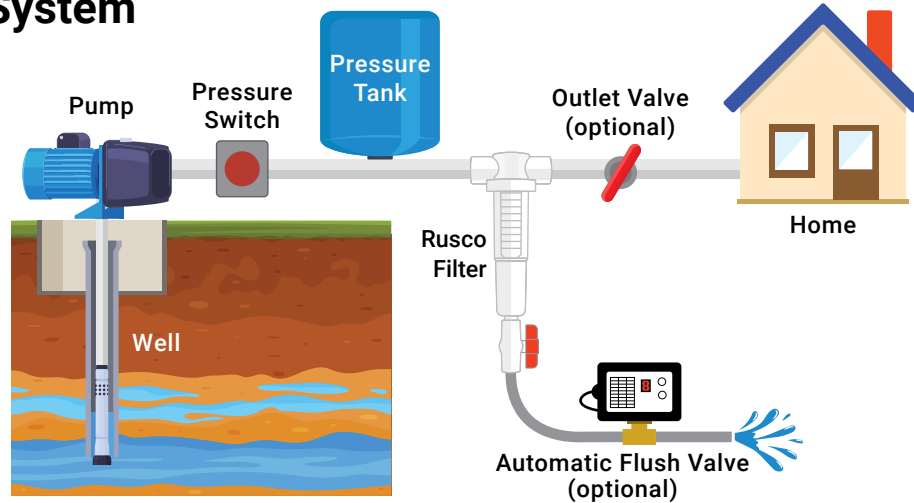
Micron sizes are approximate.

\*Also available in stainless steel.

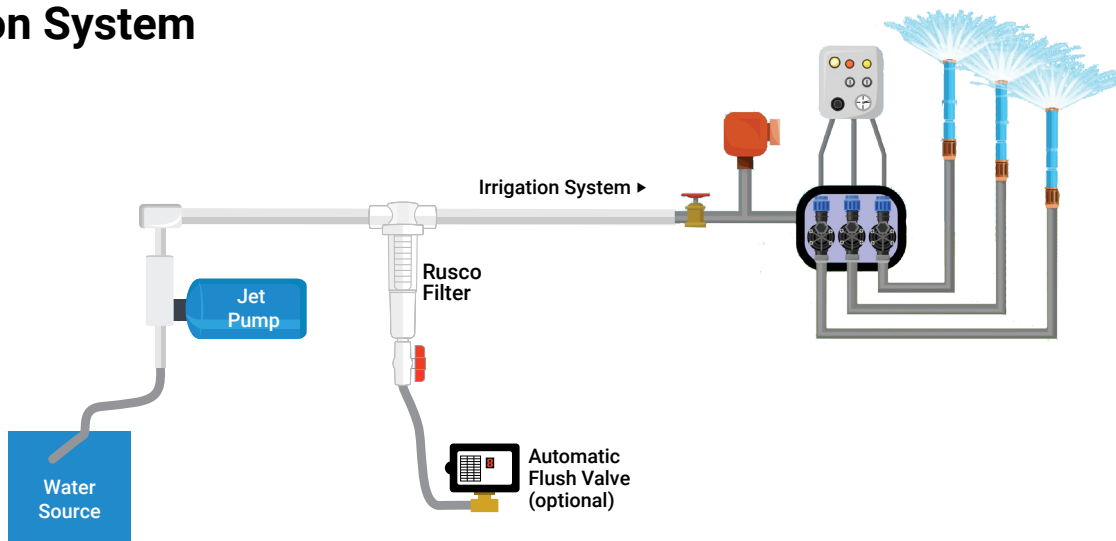
\*\*Only available in stainless steel.

# RUSCO SPIN-DOWN™ FILTER SYSTEM APPLICATIONS

## Well Water System



## Irrigation System



## FILTER INSTALLATION INFORMATION

- Install on discharge to allow use of purge valve for easy one step purge cleaning
- Manifold two or more filters for applications with flow rates higher than 100GPM
- Hand Tighten Only - Use of Tools Voids Warranty





Rusco is a leading manufacturer of high quality, efficient, water sediment filtration products and accessories. Rusco filters are available throughout the United States and in many major international locations. We strive to always exceed our customers' expectation of quality and service, and to provide the most effective solutions.

**[RUSCO.COM](http://RUSCO.COM) | 1.800.345.103**



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