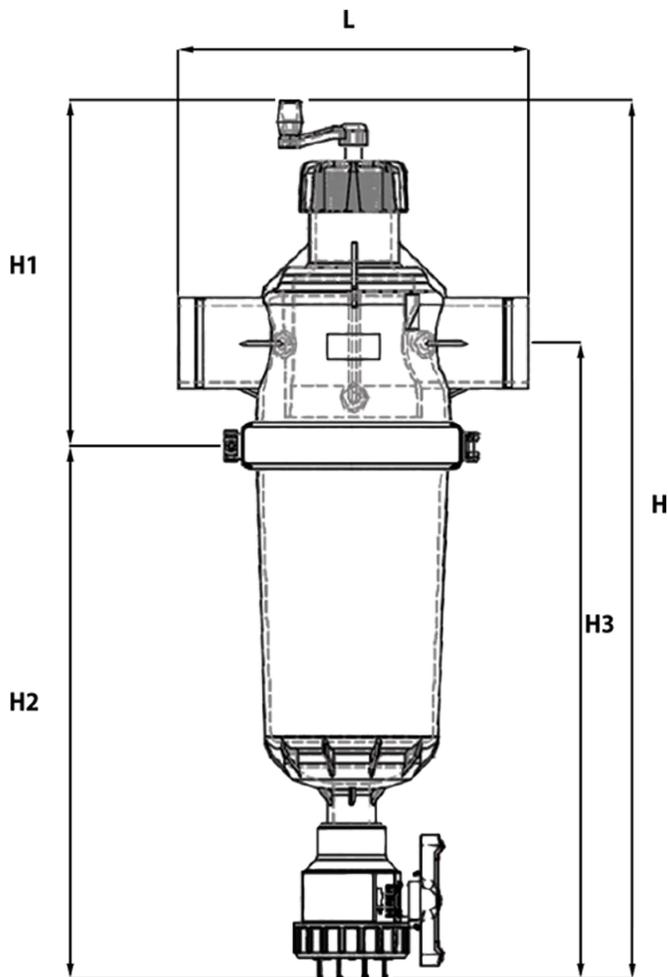


2" Semi-Automatic T Screen Filter



Size	2"
Screen	120 Mesh
Connections	2" MNPT
Pressure Rating	110 PSI
Range of Flow Rate	80-120 GPM
Screen Surface Area	86 in ²
Cartridge Diameter	4.7" (118mm)
Cartridge Length	9.9" (252mm)
Weight	18 lbs

Features

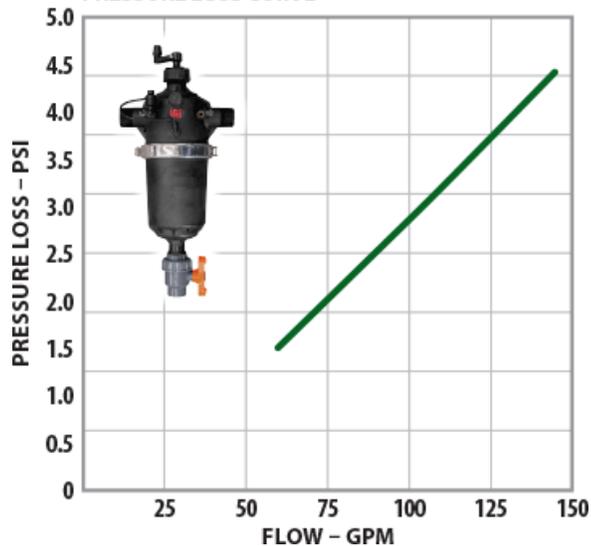
- Body made of special chemically bonded polymer for durability
- Non-corrosive stainless steel filter mesh
- Easy to install & low maintenance
- Cleaning can be done while in operation

Dimensions

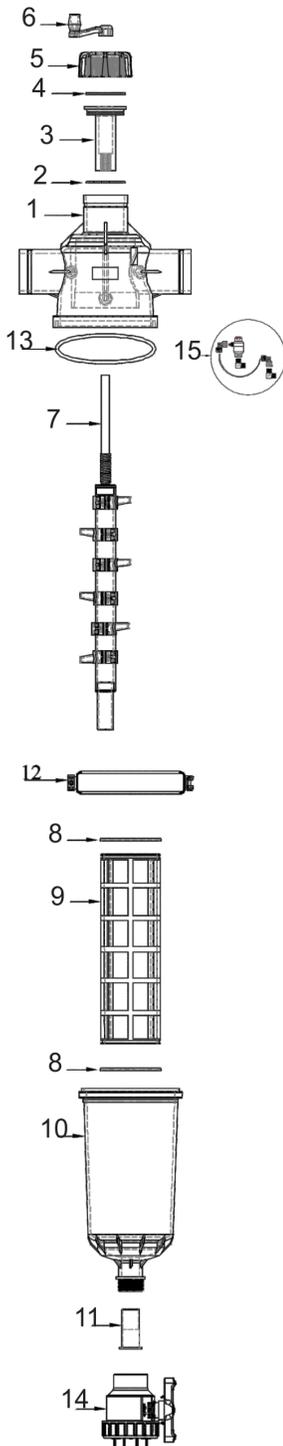
Size		L	H	H1	H2	H3
2"	in.	14	33¼	15¼	18	22½
	mm.	356	845	387	457	572
3"	in.	14	36¼	15¼	21	25¼
	mm.	356	921	387	533	648

RKTS225NSA – 2"

PRESSURE LOSS CURVE



2" Semi-Automatic T Screen Filter



Materials List

No.	Part Name	Material
1	Body	Glass Reinforced PP
2	Drive Bush O-Ring	NBR
3	Drive Bush	Glass Reinforced PP
4	End Cap O-Ring	NBR
5	End Cap	Glass Reinforced PP
6	Handle Assembly	POM
7	Suction Spindle Assembly	Glass Reinforced PA
8	Cartridge O-Ring	NBR
9	120 Mesh Cartridge	Glass Reinforced PA
10	Body Cap	Glass Reinforced PP
11	Body Cap Bush	POM
12	Clamp	SS-304
13	Filter Body Gasket	EPDM
14	1.5" Ball Valve	PVC
15	Pressure Differential Indicator	Glass Reinforced PP

Cleaning Instructions

- Cleaning of the filter should be done when the pressure differential across the screen reaches 7 PSI, or when the pressure indicator button pops up.
- The pressure differential indicator will thread into the left and right 1/4" ports on the face of the filter. This function is optional, so the ports behind the 1/4" threads are sealed and will need to be drilled out.
- Cleaning the semi-automatic filter must be done while the filter is under pressure.
- Open the drain valve gradually.
- Rotate the crank handle in a clockwise direction 4-5 times, then rotate counter-clockwise to finish the process. This is to be done when the system is on.
- Close the drain valve gradually.
- In case the filter is still clogged (pressure indicator button is up), repeat the above steps while the downstream valve is closed.
- To prevent water hammer (pressure surge), it is best to open and close the valves gradually