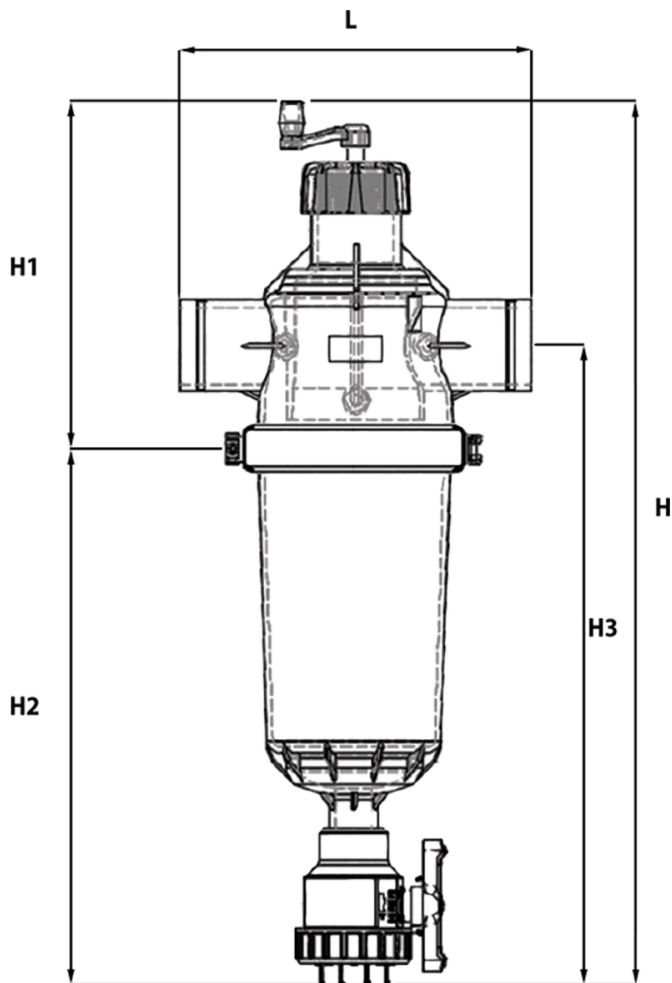


3" Semi-Automatic T Screen Filter



| | |
|----------------------------|---------------------|
| Size | 3" |
| Screen | 120 Mesh |
| Connections | 3" MNPT |
| Pressure Rating | 110 PSI |
| Range of Flow Rate | 155-185 GPM |
| Screen Surface Area | 129 in ² |
| Cartridge Diameter | 4.7" (118mm) |
| Cartridge Length | 14.9" (378mm) |
| Weight | 19 lbs |

Features

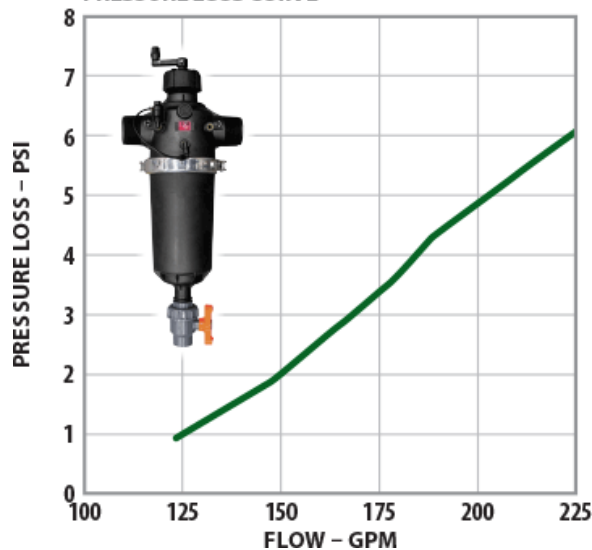
- Body made of special chemically bonded polymer for durability
- Non-corrosive stainless steel filter mesh
- Easy to install & low maintenance
- Cleaning can be done while in operation

Dimensions

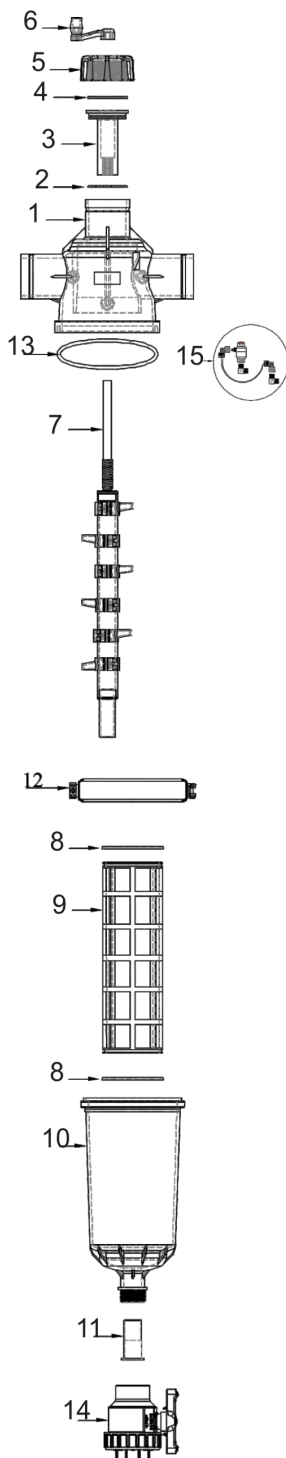
| Size | | L | H | H1 | H2 | H3 |
|------|-----|-----|-----|-----|-----|-----|
| 2" | in. | 14 | 33¼ | 15¼ | 18 | 22½ |
| | mm. | 356 | 845 | 387 | 457 | 572 |
| 3" | in. | 14 | 36¼ | 15¼ | 21 | 25¼ |
| | mm. | 356 | 921 | 387 | 533 | 648 |

RKTS340NSA – 3"

PRESSURE LOSS CURVE



3" 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