

I Series Hydraulic Suction Scanning Filter

Self-cleaning line powered hydraulic water filters for turf, landscape, agriculture, greenhouse, golf course and nursery applications.

FEATURES

- **Flow Rate:** 600 – 3,400 gpm
- **Max Temperature:** 160° F
- **Flushing Operations:** Single electric ball valve for flushing operations standard
- **Screen:** 316 L stainless steel sintered screens standard
- **Screen Opening:** 5 μ – 4000 μ
- **Working Pressure:** 35 – 150 psi
- **Material:** 304 Stainless Steel
- **Configurations Available:** Filter only, or a complete assembly with bypass manifold and valves



Performance Data

Model Number Stainless Steel	Line Size (in)	Standard Flow Rate (gpm)	Sintered Screen Area (in ²)	Flush Line Size (in)	Min. Inlet Pressure During Rinse Cycle (psi)
HT-I-04-PE-S	4	600	720	2.0	40
HT-I-06-PE-S	6	800	720	2.0	40
HT-I-08-PS-S	8	1400	1008	2.0	40
HT-I-08-PE-S	8	1500	1152	2.0	40
HT-I-10-PS-S	10	1700	1584	2.0	40
HT-I-10-PE-S	10	3200	1800	2.0	40
HT-I-12-PS-S	12	3400	1800	2.0	40
HS-I-12-E-S	12	3100	1764	2.0	35
HS-I-12-F-S	12	3800	2196	2.0	35
HS-I-14-E-S	14	3100	1764	2.0	35
HS-I-14-F-S	14	3800	2196	2.0	35
HS-I-14-G-S	14	4500	2592	2.0	35
HS-I-16-E-S	16	3100	1764	2.0	35
HS-I-16-F-S	16	3800	2196	2.0	35
HS-I-16-G-S	16	4500	2592	2.0	35
HS-I-16-H-S	16	6125	3528	2.0	35
HS-I-18-F-S	18	3800	2196	2.0	35
HS-I-18-G-S	18	4500	2592	2.0	35
HS-I-18-H-S	18	6125	3528	2.0	35
HS-I-20-G-S	20	4500	2592	2.0	35
HS-I-20-H-S	20	7350	3528	2.0	35
HS-I-24-H-S	24	7350	3528	2.0	35
HS-I-30-H-S	30	7350	3528	2.0	35

All models have a rinse duration of 5 to 10 seconds.

The above calculated flow rates are based on good quality water. For fair, poor or bad water contact Rain Bird at filters@RainBird.com. Drawings of standard filter models are available at rainbird.com. Standard Rain Bird controllers: 115 or 230 VAC, 50/60 Hz (I Series filters integrated with a Rain Bird Pump station are controlled by pump station PLC). Other flow ranges available. Please contact Rain Bird at filters@RainBird.com.