



## ISS-Series Self-Cleaning Pump Suction Screen

Keep Debris Out of Your Pump Systems

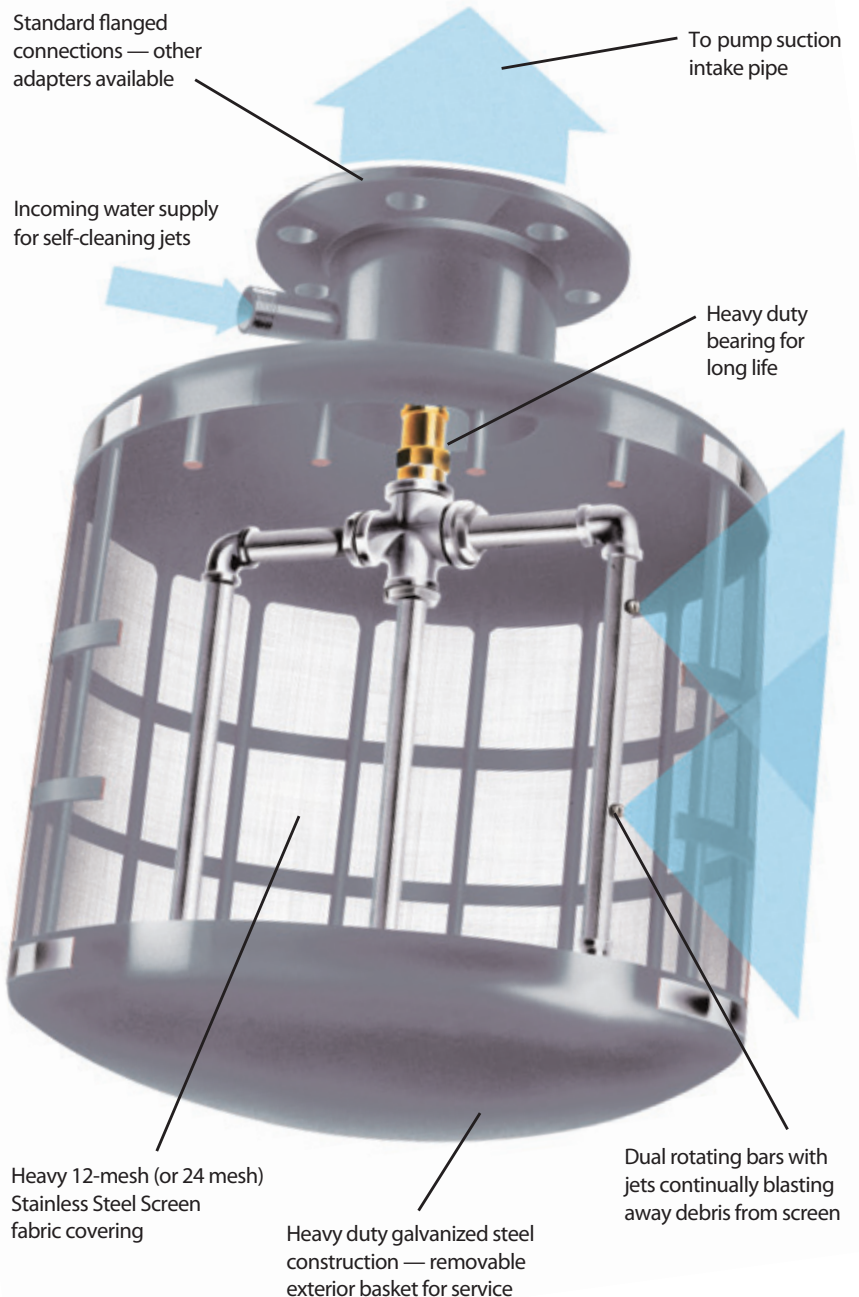
No matter the source of your water, you need to clear the water of trash and debris that could block flow, damage the pump station or clog emitting equipment.

Rain Bird's galvanized, Self-Cleaning Pump Suction Screen removes large trash and debris from water sources, saving time and money in energy, pumping efficiency and maintenance costs. With a heavy 12 or 24 mesh stainless steel screen, this model will increase your pump efficiency for many years to come.

The pump suction screen is attached to the end of the pump suction line. All water must pass through the screen before entering the pump intake pipe. A small, side-stream from the pump discharge plumbing drives two spray bars that continually rotate, jetting water at the screen and blasting debris away.

Made to last, Rain Bird's Self-Cleaning Pump Suction Screen's all-metal construction has a removable screen drum. There are no exterior moving parts that can break down or need repair. The unit is completely corrosion resistant and will not collapse under normal operation.

For added flexibility, Rain Bird's Self-Cleaning Pump Suction Screen can be installed at any angle without affecting operation. It also has a standard flanged connection (other connections are available upon request). The included "Y Strainer" — essential on the water jet supply line — provides easy access for cleaning and prevents the spray nozzles from plugging.



## Self-Cleaning Pump Suction Screen Performance Data

Model Number	Flow US GPM	Flow m <sup>3</sup> /Hour	Screen Length (in)	Total Length (in)	Screen Diameter (in)	Flange Size (in)	Return Inlet Pipe Size (in)	Operating Pressure (min - max psi)	Weight Lbs.	Cleaning Spray (GPM)
<b>12 Mesh Filter</b>										
ISS-200	325	73.8	11	25	16	4	1.5	35-100	38	20
ISS-400	550	124.9	15	28.8	16	6	1.5	40-100	57	20
ISS-600	750	170.3	16	32.2	24	8	1.5	40-100	101	20
ISS-800	950	215.7	18	34.5	24	10	1.5	45-100	108	20
ISS-1000	1350	306.5	23	39.5	24	10	1.5	50-100	116	24
ISS-1400	1650	374.6	26	42.5	24	12	1.5	55-100	128	24
ISS-1700	1950	442.7	28	44.5	26	12	1.5	55-100	148	24
ISS-2000	2350	533.5	32	48.5	26	14	1.5	60-100	160	24
ISS-2400	2600	590.2	35	52.5	30	16	1.5	65-100	223	28
ISS-3000	3000	681.0	40	57.5	30	16	1.5	40-65	236	44
ISS-3500	3500	794.5	40	59.5	36	18	1.5	40-65	283	44
ISS-4000	4000	908.0	40	63.5	42	18	1.5	40-65	358	44
<b>24 Mesh Filter</b>										
ISS-20024	225	51.1	11	25	16	4	1.5	35-100	38	20
ISS-40024	400	90.8	15	28.8	16	6	1.5	40-100	57	20
ISS-60024	525	119.2	16	32.5	24	8	1.5	40-100	101	20
ISS-80024	700	158.9	18	34.5	24	10	1.5	45-100	108	20
ISS-100024	950	215.7	23	39.5	24	10	1.5	50-100	116	24
ISS-140024	1200	272.4	26	42.5	24	12	1.5	55-100	128	24
ISS-170024	1400	317.8	28	44.5	26	12	1.5	55-100	148	24
ISS-200024	1650	374.6	32	48.5	26	14	1.5	60-100	160	24
ISS-240024	1800	408.6	35	52.5	30	16	1.5	65-100	223	28
ISS-300024	2075	471.0	40	57.5	30	16	1.5	40-65	236	44
ISS-350024	2420	549.3	40	59.5	36	18	1.5	40-65	283	44
ISS-400024	2765	627.7	40	63.5	42	18	1.5	40-65	358	44

Rain Bird's Self-Cleaning Pump Suction Screen is built for years of trouble-free service



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