

### Self-Cleaning Pump Suction Screen

#### Keep Debris Out of Your Pumping and Irrigation System

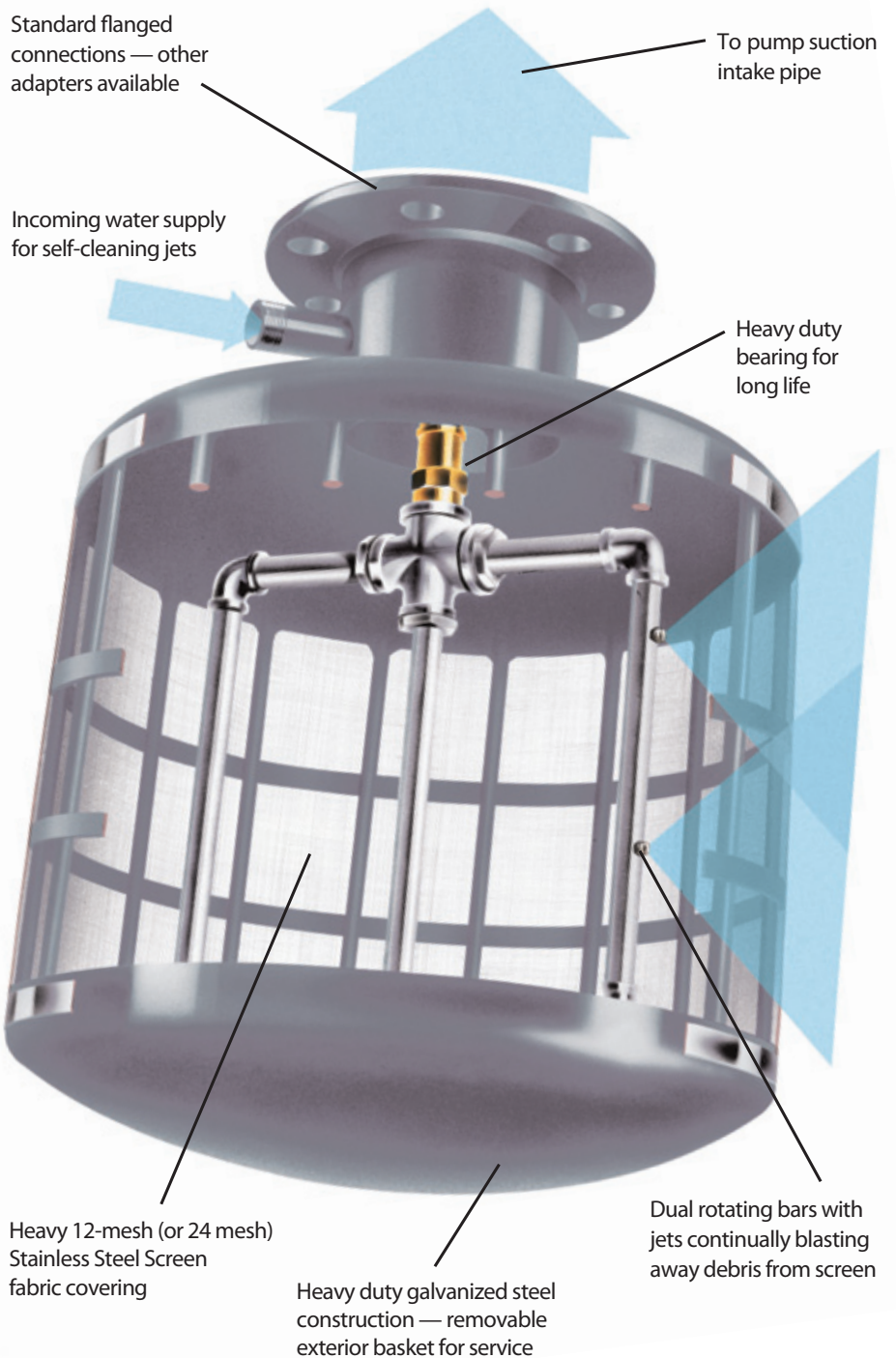
No matter the source of your irrigation water, you need to clear the water of trash and debris that could block flow, damage the pump station or clog irrigation equipment.

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 Technical Data

Model Number	Standard Product ID			Flow (gpm)	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)
	Agricultural	Golf	Commercial									
<b>12 Mesh Filter</b>												
PSS200	AF6601	PF0601	CF0601	325	11	25	16	4	1.5	35-100	38	20
PSS400	AF6602	PF0602	CF0602	550	15	28.8	16	6	1.5	40-100	57	20
PSS600	AF6603	PF0603	CF0603	750	15	32.5	24	8	1.5	40-100	101	20
PSS800	AF6604	PF0604	CF0604	950	18	34.5	24	10	1.5	45-100	108	20
PSS1000	AF6605	PF0605	CF0605	1350	23	39.5	24	10	1.5	50-100	116	24
PSS1400	AF6606	PF0606	CF0606	1650	26	42.5	24	12	1.5	55-100	128	24
PSS1700	AF6607	PF0607	CF0607	1950	28	44.5	26	12	1.5	55-100	148	24
PSS2000	AF6608	PF0608	CF0608	2350	32	48.5	26	14	1.5	60-100	160	24
PSS2400	AF6609	PF0609	CF0609	2600	35	52.5	30	16	1.5	65-100	223	28
PSS3000	AF6610	PF0610	CF0610	3000	40	57.5	30	16	1.5	40-65	236	44
PSS3500	AF6611	PF0611	CF0611	3500	40	59.5	36	18	1.5	40-65	283	44
PSS4000	AF6612	PF0612	CF0612	4000	40	63.5	42	18	1.5	40-65	358	44
<b>24 Mesh Filter</b>												
PSS20024	AF660124	PF060124	CF060124	225	11	25	16	4	1.5	35-100	38	20
PSS40024	AF660224	PF060224	CF060224	400	15	28.8	16	6	1.5	40-100	57	20
PSS60024	AF660324	PF060324	CF060324	525	15	32.5	24	8	1.5	40-100	101	20
PSS80024	AF660424	PF060424	CF060424	700	18	34.5	24	10	1.5	45-100	108	20
PSS100024	AF660524	PF060524	CF060524	950	23	39.5	24	10	1.5	50-100	116	24
PSS140024	AF660624	PF060624	CF060624	1200	26	42.5	24	12	1.5	55-100	128	24
PSS170024	AF660724	PF060724	CF060724	1400	28	44.5	26	12	1.5	55-100	148	24
PSS200024	AF660824	PF060824	CF060824	1650	32	48.5	26	14	1.5	60-100	160	24
PSS240024	AF660924	PF060924	CF060924	1800	35	52.5	30	16	1.5	65-100	223	28
PSS300024	AF661024	PF061024	CF061024	2075	40	57.5	30	16	1.5	40-65	236	44
PSS350024	AF661124	PF061124	CF061124	2420	40	59.5	36	18	1.5	40-65	283	44
PSS400024	AF661224	PF061224	CF061224	2765	40	63.5	42	18	1.5	40-65	358	44

Filter flow is based on filtration of clear irrigation water. Appropriate flow de-rating is required for excessive debris loads (silt, organics, algae, etc.), reclaim water and finer screens. Contact Rain Bird for filter selection assistance for these applications.

Contact Rain Bird for drawings or visit [www.rainbird.com](http://www.rainbird.com) to download.



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

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