

Self-Cleaning Pump Suction Screen Keep Debris Out of Your Pumping 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 trash and debris from water sources, saving time and money in energy, pumping efficiency and maintenance costs. With a heavy 10-mesh stainless steel screen, this model will increase your pump efficiency for many years to come.

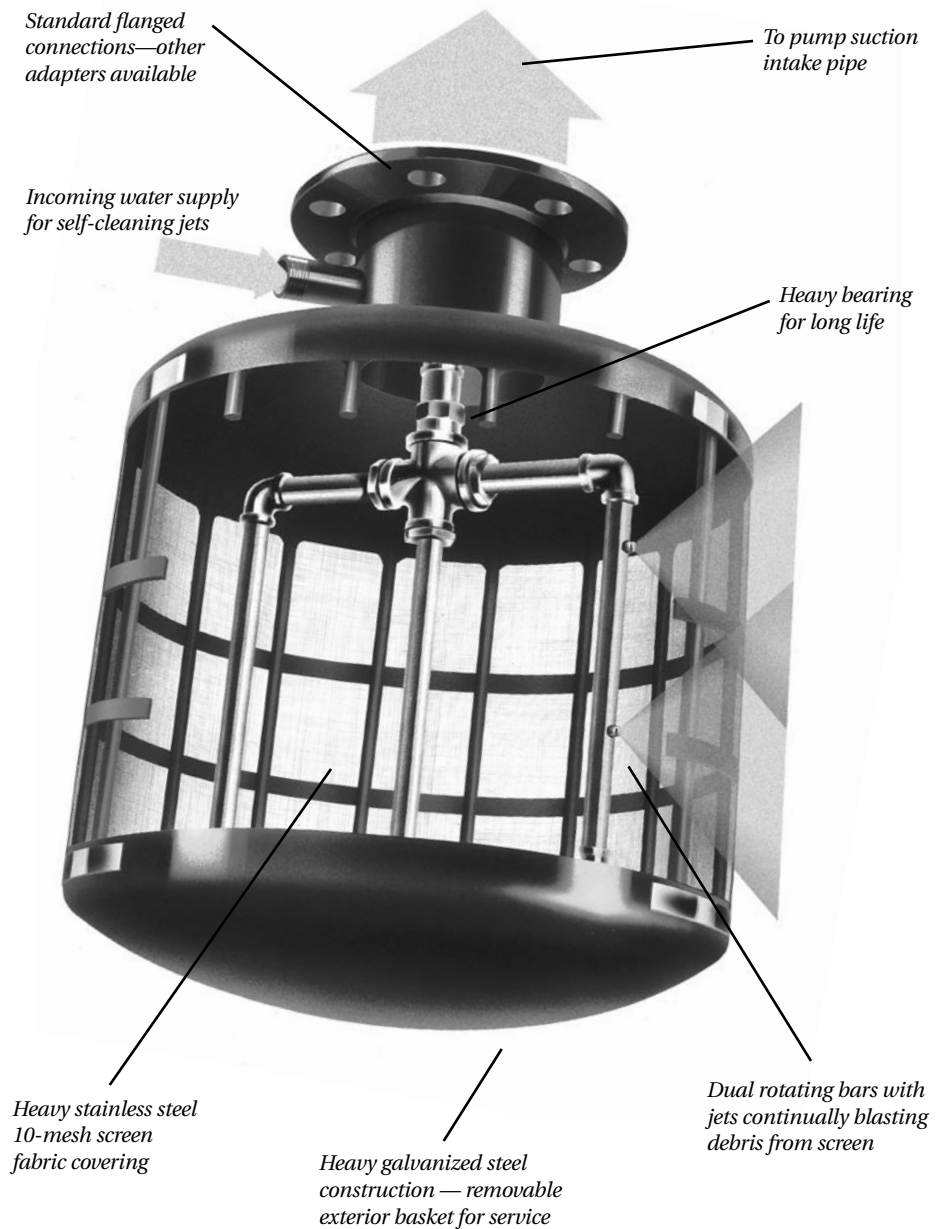
The pump suction screen is attached to the end of the pump suction line. All water must pass through the screen before entering the pump intake pipe. A small, side-stream pump discharge return line drives two spray bars that continually rotate, jetting water at the screen and blasting debris away.

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.



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





Self-Cleaning Pump Suction Screen

PERFORMANCE DATA

Model	Flow US GPM/LPS		Screen Length		Total Length		Screen Diameter		Flange Size		Return Inlet		Minimum Operating Pressure		Weight		Cleaning Spray	
	10-Mesh		in	cm	in	cm	in	cm	in	cm	in	cm	PSI	Bar	Lbs.	Kg.	GPM	LPS
PSS200	325	20,51	11	27,94	25,00	63,50	16	40,64	4	10,16	1½	3,81	35	2,41	58	26,31	20	1,26
PSS400	550	34,71	15	38,10	28,80	73,15	16	40,64	6	15,24	1½	3,81	40	2,76	35	28,12	20	1,26
PSS600	750	47,33	16	40,64	32,50	82,55	24	60,96	8	20,32	1½	3,81	40	2,76	102	46,27	²⁰	1,26
PSS800	950	59,95	18	45,72	34,50	87,63	24	60,96	10	25,40	1½	3,81	45	3,10	115	52,16	20	1,26
PSS1000	1350	85,19	23	58,42	39,50	100,30	24	60,96	10	25,40	1½	3,81	50	3,45	123	55,79	24	1,51
PSS1400	1650	104,12	26	66,04	42,50	108,00	24	60,96	12	30,48	1½	3,81	55	3,79	131	59,42	24	1,51
PSS1700	1950	123,05	28	71,12	44,50	113,00	26	66,04	12	30,48	1½	3,81	55	3,79	148	67,13	24	1,51
PSS2000	2350	148,29	32	81,28	48,50	123,20	26	66,04	14	35,56	1½	3,81	60	4,13	160	72,58	24	1,51
PSS2400	2600	164,06	35	88,90	52,50	133,30	30	76,20	16	40,64	1½	3,81	65	4,48	223	101,15	28	1,77

Rain Bird Corporation
 6991 E. Southpoint Road
 Tucson, AZ 85706, U.S.A.
 Phone: (800) 984-2255 (520) 741-6100
 Fax: (520) 741-6522
 Email: rbgolf@rainbird.com

Rain Bird International, Inc.
 145 North Grand Avenue
 Glendora, CA 91741, U.S.A.
 Phone: (626) 963-9311
 Fax: (626) 963-4287

Technical Service and Support
 (800) RAINBIRD (U.S. and Canada only)

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