



## Pump Intake Screens Self-Cleaning Design

**Self-Cleaning Pump Intake Screens** protect centrifugal pumps, turbine pumps and water systems from surface water organics, floating solids and debris. Provides a continuous defense against clogging, lost suction and pump wear.

**Reliable Backwash System** blows debris off and away from the screen allowing water to flow freely to the pump. Water pressure from the pump continually rotates and backwashes the screen.

### Wide Range of Uses: Ponds, Sumps, Lakes, Rivers, Pits, Streams or Canals

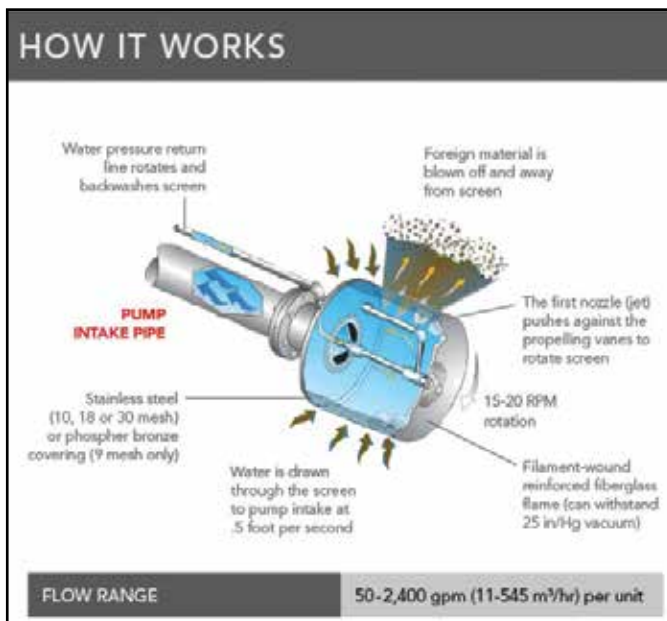
**Features & Benefits:** Protects pumps against cavitation as well as reducing damage to impellers • Helps maintain pump efficiencies, reduces head/pressure loss • Continuous cleaning reduces routine system shut-down for line/pump cleaning • Environmental protection keeps fish, mussels, clams, etc. out of pump intakes • Flow from 50 to 2400 GPM.

Durable construction features stainless steel end cap, interior pipe, fittings and screen. Polyethylene bushings, reinforced fiberglass frame and ANSI flange outlet are standard. Screens shown are 18 or 30 mesh but 10 mesh is also available.

Required backwash pressure ranges from 55 to 100 PSI and required backwash flows from 10 to 50 GPM depending on model.



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Separators and Filtration Solutions

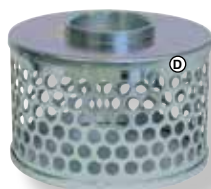


### Dimensions

Model	Width Inches	Height Inches
PC 915	15	19
PC 1415	15	24
PC 924	24-1/2	19-1/2
PC 1424	24-1/2	24-1/2
PC 1924	24-1/2	29-1/2
PC 2424	24-1/2	34-1/2

Part No.	Maximum Flow Rate	Screen	Flange Plate	Wt.
DM PC91518S	350 GPM	18 Mesh	6"	27 lbs.
DM PC91530S	250 GPM	30 Mesh	6"	27 lbs.
DM PC141518S	560 GPM	18 Mesh	6"	29 lbs.
DM PC141530S	400 GPM	30 Mesh	6"	29 lbs.
DM PC92418S	650 GPM	18 Mesh	10"	50 lbs.
DM PC92430S	400 GPM	30 Mesh	10"	50 lbs.
DM PC142418S	1000 GPM	18 Mesh	10"	53 lbs.
DM PC142430S	700 GPM	30 Mesh	10"	53 lbs.
DM PC192418S	1350 GPM	18 Mesh	10"	55 lbs.
DM PC192430S	950 GPM	30 Mesh	10"	55 lbs.
DM PC242418S	1700 GPM	18 Mesh	12"	65 lbs.
DM PC242430S	1200 GPM	30 Mesh	12"	65 lbs.

### End Line Suction Strainers



Especially suited to handle the high capacity pumps. Zinc plated or stainless steel Suction Strainers. Prevents large particles from entering suction port of pumps. 3/8" Diameter holes (1.0" diameter holes on 6" side).

Part No.	FPT Port	Type
EV RHS20	1-1/2"	Plated
EV RHS25	2"	Plated
EV RHS35	3"	Plated
EV RHS40	4"	Plated
EV RHS60	6"	Plated
EV RHSS20B	1-1/2"	Stainless
EV RHSS25B	2"	Stainless
EV RHSS35B	3"	Stainless
EV RHSS40B	4"	Stainless
EV RHSS60B	6"	Stainless

### End Line Polyethylene Strainers

Part No.	FPT Port	Diameter
PR 0734	1-1/2"	5-1/4"
PR 0733	2"	5-1/4"
PR 0757	3"	7-7/8"



### "Pump Saver" Strainer Discs



**Aluminum Discs** are great for truck and railcar unloading to prevent debris from entering your suction hose and pump unit. Includes approximately 163 holes. 1/4" diameter to minimize pressure loss. Simply thread discs into threaded portion of standard 3" or 4" camlock couplers (style "A" or "D").

Part No.	Material
VV 3A	3" Aluminum
VV 3S	3" 304SS
VV 4A	4" Aluminum
VV 4S	4" 304SS

### Steel Bottom Hole Skimmers

#### Plated Steel Skimmers

with female NPT threads.

Part No.	FPT Port	Bottom	
		Dia.	Net Ea.
EV BHS150	1-1/2"	9.25"	\$ 12.60
EV BHS200	2"	9.25"	12.60
EV BHS300	3"	11.75"	38.05

