

ScreenGuard™ PPS

PRE-PUMP STRAINER

Netafim Pre-Pump strainer the ideal for protecting pumps from large particles that can cause damage and ensure higher performance and efficiency of the pump over time.



Maximum
protection



High corrosion
and UV resistance



User
friendly

/ Benefits & Features

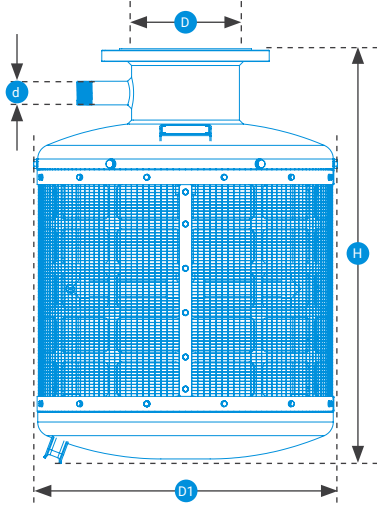
- **Maximum protection** Protecting the pumps from large particles that can affect the performance and longevity
- **High corrosion and UV resistance** High quality carbon steel with dual coating for better UV and corrosion protection
- **Several screens options** Available from 3" to 10" with 1,200- and 2,400-microns SST-316L screen
- **Simplicity** Easy installation and maintenance

/ Applications

- All irrigation systems using surface water from reservoir, dam, canal and more, to be installed in the pump suction point

→ Logistic Data

Model	D (inch)	Length (mm)	Width (mm)	Height (mm)	Shipping Weight (kg)
PPS3F	3"	420	420	750	37
PPS4F	4"				38
PPS6F	6"				49
PPS8F	8"	620	620	950	67
PPS10F	10"				71
PPS12F	12"	1100	1100	1230	95
PPS14F	14"				240
PPS16F	16"				250



→ Technical Information

Model	D (inch)	D1 (mm)	H (mm)	Max Flow (m³/h)	Available Connections	Self Cleaning Connection d	Minmum Flow for Self Claening Mechanism (m³/h)	Minimum Required Pressure (bar)
PPS3F	3"	400	516	75	All flange standards	1" BSP/NPT	0.55	1.5
PPS4F	4"			100				
PPS6F	6"			150				
PPS8F	8"	600	746	300		1½" BSP/NPT	0.9	
PPS10F	10"			500				
PPS12F	12"			700				
PPS14F	14"	1015	1118	1000			1.5	
PPS16F	16"			1400				

→ Material Information

Part	Material
Filter body	ST 37.2
Screen	SST 316
Bolts and washers	SST 316
Rotating spinkler adapter	Nylon 6
Rotating sprinkler bearing	Nylon 6
Rotating sprinkler	PVC
Spray nozzles	Nylon 6

→ Catalog Numbers

Catalog number starting with 71980 + (any of bellow 6 digits)

Model	1,200 mic.				2,400 mic.			
	DIN 10	DIN 16	BSTD	ANSI	DIN 10	DIN 16	BSTD	ANSI
PPS3F	000087		000146	U/R	U/R		000147	U/R
PPS4F	000089		000148	U/R	U/R		000149	U/R
PPS6F	000021		000170	000022	000023		000171	000024
PPS8F	000025	000026	U/R	000036	000027	000028	U/R	000037
PPS10F	000029	000033	U/R	000038	000034	000035	U/R	000039
PPS12F	U/R	000119	000226	000140	U/R	000141	U/R	000142
PPS14F	U/R	U/R	U/R	000227	U/R	U/R	U/R	000228
PPS16F	U/R	000217	U/R	000229	U/R	000218	U/R	000233

UR = Upon Request