



MANUFACTURING | AUTOMATION | CALIBRATION

+91 9082554415 / 9022709337

info@preciseequipments.com



ALL CUSTOM PRODUCTS ARE DESIGNED TO
ASME SECTION VIII DIV.1 CURRENT EDITION



- ✓ **Fabricated Basket Strainer**
- ✓ **Duplex Basket Strainer**
- ✓ **Self Cleaning Filter**
- ✓ **Duplex Strainer With Backwash System**
- ✓ **Basket Strainer With Air Eliminator**
- ✓ **Magenatic Filter**
- ✓ **Y Type Strainer**
- ✓ **T Type Strainer**
- ✓ **Temporary Strainer**

**HIGH QUALITY STRAINER FOR YOUR
WORLD CLASS EQUIPMENT**

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SELF CLEANING FILTER



FILTERING PROCESS :

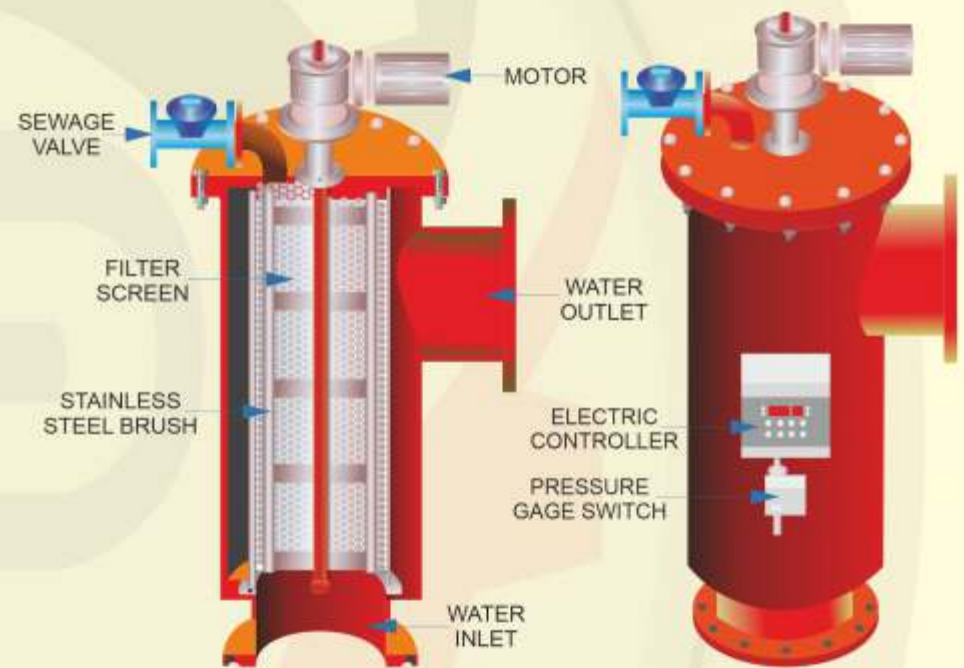
Raw water enters the inside of the screen-cylinder from the filter's Inlet and flows through the screen to the filter's Outlet. The dirt particles are trapped on the inner screen surface and formulate a "filtration cake" that causes a differential pressure across the screen. A pressure differential switch senses the pressure differential and when it reaches the pre-set value, the cleaning process begins.

CONTROL SYSTEM :

Two types of control boards are available for the PP 600 filters: PLC/Timer. The self cleaning cycle begins under any one of the following conditions: 1. Receiving a signal from the Pressure Differential Switch 2. Time interval parameter set at the control board 3. Manual Start

TECHNICAL PARAMETERS

Filter flow	80-4200 m ³ /h
Max. recommended working pressure	10 bar / 16 bar / 25 bar
Min. operating working pressure during backwash	2.5 bar
Water temperature range	0 ~ 65 °C
Available filtration	From 50 micron
Pressure loss	< 0.1 bar
Connections	Flange
Backwash time	20-30 seconds
Water consumption during backwash	1%-3% of filtered water
Control model	DP / Timer / Manual
Cleaning way	Brush
Drive way	Motor drive
Filter element	Stainless steel 304 mesh
Filter housing material of construction	Carbon steel ST37-2 / SS304 / SS316
Sewage way	Fully automatic
Installation	Vertical
Rated operating voltage	3ph / 380v / 50Hz or Customized



MODEL	DN		FLOW M ³ /H	FILT- RATION AREA Cm ²	WEIGHT KG	NUMBER OF MOTORS	DIMENSIONS			
	INCH	MM					A	B	C	D
P604	4	100	100	3530	175	1	500	1350	875	377
P606	6	150	150	3530	180	1	500	1350	875	377
P608	8	200	300	5650	210	1	700	1950	1175	377
P610	10	250	400	7910	305	1	700	1950	1195	480
P612	12	300	600	10880	340	1	1000	2550	1495	480
P614	14	350	900	13820	540	1	1000	2600	1545	610
P616	16	400	1100	13820	555	1	950	2600	1545	610
P618	18	450	1500	13820	730	1	950	2600	1555	720
P620	20	500	2000	21760	1120	2	1200	3060	1933	1016
P624	24	600	2800	32640	1570	3	1200	3060	2000	1220
P628	28	700	3200	41450	2250	3	1300	3350	2370	1420
P632	32	800	4200	55360	2935	4	1400	3450	2450	1620

