

POT STRAINER with Polymer Pall Rings



FEATURES

- New technology for dirt removal.
- Uses Pall rings instead of perforated sheet strainer.
- PP Pall rings provide minimal resistance to fluid flow.
- Compact size.
- Provision to install auto airvent at top to remove air.
- Separation of dirt particles heavier than water is facilitated by:
 - Low water velocity.
 - Deflection of fluid stream in many different directions by the pall rings.
 - Creation of non-turbulent zone in the extended lower part.

BENEFITS

- Removes impurities heavier than water:
 - Prevents choking of strainers.
 - Prevents damage to pumps and other equipment.
- Low pressure drop.
- Better dirt removal than perforated sheet strainer.
- It is clog resistant and does not require system shut down or to bypass the system to clean it.
- No need to open the top cover and to remove strainer for cleaning.
- Debris, lighter than water, which generally chokes the perforated strainer floats to the top and can easily be removed by opening top dead plug and draining the water.

TECHNICAL DATA

Connection sizes	:	80-800 mm dia
Material		
Shell	:	Carbon Steel
Pall rings	:	PP
Max. operating pressure	:	16 Bar
Working temperature range	:	0°C-120°C

INSTALLATION AND COMMISSIONING

- While installing, ensure that the inlet and outlet connections are properly oriented.
- Fix an automatic airvent on the top to facilitate removal of accumulated air.
- Fix a valve at the drain point to facilitate routine maintenance.

DIMENSIONS

MODEL	DN	A	B	C	E	Weight (kgs.)
PSPP-80FL	80	485	460	285	200	41
PSPP-100FL	100	485	460	285	200	43
PSPP-125FL	125	635	570	335	200	61
PSPP-150FL	150	635	570	335	200	63
PSPP-200FL	200	975	800	475	200	119
PSPP-250FL	250	975	800	475	200	129
PSPP-300FL	300	1125	960	525	250	226
PSPP-350FL	350	1290	1110	581	250	333
PSPP-400FL	400	1455	1270	655	250	435
PSPP-450FL	450	1620	1430	720	300	547
PSPP-500FL	500	1735	1590	735	300	755
PSPP-600FL	600	2115	1922	915	350	1306
PSPP-700FL	700	2445	2200	1045	400	1849
PSPP-800FL	800	2835	2500	1185	400	2888

All dimensions are in mm
Flanges to IS : 6392 - 1971

