



Specification Sheet

PRESSURE FILTER HOLDERS WITH RESERVOIR



Stainless steel pressure filter holders with reservoirs may be used for pilot scale productions where filtration of about 1-150 litres of liquid may be required at a time.

Generally, for smaller batches of about 1-10 litres, a 47mm or a 90 mm dia plate is used, for 10-20 litres, a 142mm dia plate is used & for little larger batches, a 293 mm dia plate may be used.

FEATURES AND BENEFITS:

- Very good filtration system for pilot scale production or R&D work.
- Separate ports for adding sample and pressurizing reservoir.
- Membrane sealed by triclover clamp.
- Easy change of membrane filter
- Holder design minimizes resistance and maximises flow rate.
- Available with accessory back pressure support screen for intermittent fill operations.

PRODUCT SPECIFICATIONS:

S.No	Model	Type Stainless steel	Filtration area cm²	Capacity of reservoir	Connections
1	SSPFH 47	SS 304/ 316	13.5 cm ²	200 ml	¼" BSP
2	SSPFH 90	SS 304/ 316	55 cm ²	750 ml	Inlet ¼" BSP Outlet ¼" BSP
3	SSPFH 142	SS 304/ 316	145 cm ²	1.5 litres	Inlet ¼" BSP Outlet ¼" BSP
4	SSPFH 293	SS 304/ 316	650 cm ²	4-5 litres	Inlet ¼" BSP Outlet ¼" BSP

- Max. Pressure differential: 7 Kg/ cm² (100 psi)
- Hose barb adaptors and pressure relief valve provided
- Ball valves can be provided for all sizes

APPLICATION:

- Filter small batches of liquids without a separate pressure dispensing vessel.
- Sterilise and ultraclean.
- Perform flow decay studies for pilot studies