

INNOX-MULTI PORT VALVE

Product Details:

Among our wide range of products, we are offering a premium quality assortment of Top Mounted and Front Face filter and softener Multiport Valves. We offer a highly efficient range of 3/4 "and 1" Multiport Valves, which are fabricated using quality material and offer 40 % higher flow. These valves have the inlet and outlet in precisely same axis and are built in unions. Our range finds application to fit in all types of vessels without adapters.

Filters :

- Down flow Pressure Sand Filters.
- Down flow Activated Carbon Filter.
- Down flow Multi grade Filters.
- Down flow Iron Removal Filter.



Procedure for filter:

- Shut off pump motor.
- Press down on valve handle, rotate valve from FILTER to BACKWASH position.
- Watch pressure gauge for back-pressure and pipe line for kinks. Be prepared to shut off pump quickly.
- After hose fills with water, run for 2 to 3 minutes or until water runs clear.
- Shut off pump motor and move multiport valve handle to RINSE position. Run on rinse for 5 to 10 seconds. Shut off pump again, and move handle back to BACKWASH. Turn on pump again until water runs clear. Continue in this fashion 3 to 4 times, alternating between backwash and rinse, to ensure a thorough backwash.
- Shut off pump motor and move multiport valve handle to FILTER position.
- Turn pump back on and note lower pressure.

Procedure for Softener:

- Always press the handle down before turning the handle to the desired position viz. Service, Regeneration or Rinse.
- If the line pressure is more, it is advisable to close the inlet valve before turning handle.
- Ensure that minimum 2kg/cm² pressure is available for getting optimum ejector performance.
- If there is a suction problem even at 2kg/cm² then the ejector filter screen may be clogged with dirt etc. For cleaning this, the bolts connecting the upper and lower housing of MPV have to be removed, after disconnecting/closing the inlet. Then remove the filter and wash and clean it and refit reassemble the MPV.

valve	3/4" filter and Softener	1" filter and Softener
Material	nylon	nylon
Media	Fuel, Water	Fuel, Water
Valve connection with top opening vessel	65 mm (2 1/2") NPSM (8 tpi) or 100mm (4")	65 mm (2 1/2") NPSM (8 tpi) or 100mm (4")
Riser pipe size	26 mm PVC pipe	32 mm PVC pipe
Max. flow rate (valve + strainers)	2.5 m ³ /h	6 m ³ /h
Working Pressure	0.15 - 0.6 MPa	0.15 - 0.6 MPa
Working Temperature	5 – 50 °C	5 – 50 °C
Inlet, outlet, drain connections	20 mm BSPF quick release union straight	25mm BSPF quick release union straight
Maximum Operating Pressure	4 to 6 Kg/cm ² for GF	4 to 6 Kg/cm ² for GF
Minimum pressure for uniform suction	2.0 kg/cm ²	2.0 kg/cm ²
Ejector brine line	1/4" BSP	1/2" BSP

Note: Riser pipe length with bottom strainer attached should be 40 mm above vessel top.

Application:

For Sand / Carbon / Multimedia Filter