

MULTIPOINT VALVES



DESCRIPTION

HAR Wassertec brings to you an extensive range of multiport valves innovatively designed for the customer's convenience. These are easy to handle and simple to operate multiport valves provide excellent seal capability preventing any internal leakage. These valves have long-term reliability and a long shelf life. By simple clockwise and anticlockwise rotation of a single-lever, multiple functions such as filter backwash, brine injection, slow rinse, fast rinse, brine rinse and back to service mode can be performed.

DESIGN FEATURES

- ▶▶ Automatic and Manual valves
- ▶▶ Seal slice with scuff resistance
- ▶▶ Corrosion resistance
- ▶▶ Perfect sealing
- ▶▶ Small rotation angle
- ▶▶ No leakage
- ▶▶ Long service life
- ▶▶ Easy to operate
- ▶▶ Top mount and Side mount types available



APPLICATIONS

- ▶▶ Sand Filters
- ▶▶ Activated Carbon Filters
- ▶▶ Iron removal filters
- ▶▶ Water Softeners
- ▶▶ De-mineralization units

SILENT FEATURES

- ▶▶ All valves in ABS material of construction.
- ▶▶ Available in sizes of 20nb, 25nb and 40nb.
- ▶▶ Available in top mount and side mount models for all sizes.
- ▶▶ Available for upflow or downflow filters/softener.
- ▶▶ All top mount type valves supplied with top and bottom strainers and suitable adaptors to fit either 2½" or 4" opening vessels.
- ▶▶ In-out adaptors with top and bottom strainers available.
- ▶▶ Brine directors for softener valves available.



40 NB SIZE TECHNICAL SPECIFICATIONS



Maximum Flow Rate	14m ³ /hr @ 0.5 Kg/Cm ² Pressure Drop
End Connection	1 ½" BSP (F) {Flanged Connection Also Available}
Pressure Gauge Sampling Unit	¼" BSP (F)
Max Operating Pressure	5 Kg/Cm ²
Regenerant Suction Tubing Size	½"
Injector Ratio	1:1
Injector Suction Rate	1000 lph @3Kg/cm ² 500 lph @ 3Kg/cm ² (Optional)
Minimum Pressure for Uniform Suction	3 Kg/Cm ²
Riser Pipe Size (Top Mount Models)	32 mm OD PVC Pipe
Ejector Connection	½" BSP(F)
Drain	2" Hose Elbow
Valve Connection of Vessel (Top mount models)	2 ½" NPT(M) or 4" NPT(M)

25 NB SIZE TECHNICAL SPECIFICATIONS

Maximum Flow Rate	5m ³ /hr @ 0.5 Kg/Cm ² Pressure Drop
End Connection	1" BSP (F) Flanges with Pressure gauge sampling point of size ¼" BSP (F) also available
Max Operating Pressure	5 Kg/Cm ²
Regenerant Suction Tubing Size	½"
Riser Pipe Size (Top Mount Models)	32 mm OD PVC Pipe
Ejector Type	In-Built
Injector Ratio	1:1
Drain Connections	1 ½" Hose Elbow
Valve Connection of Vessel (Top mount models)	2 ½" NPT(M) or 4" NPT(M)
Minimum Pressure for Uniform Suction	3 Kg/Cm ²



15 NB SIZE TECHNICAL SPECIFICATIONS



Maximum Flow Rate	2000 lph @ 0.5 Kg/Cm ² Pressure Drop
Valve Connection	2 ½" NPT(M)
Riser Pipe Size	25 mm OD PVC Pipe
Inlet, Outlet, Drain Connection	¾" BSP (F) Quick Release Coupling Elbow/Straight Adaptors
Regenerant Suction Tubing Size	¼"
Ejector Type	In-Built
Injector Ratio	1:2 Power Water : Suction Flow
Drain Connections	1 ½" Hose Elbow
Maximum Operating Pressure	5 Kg/Cm ²
Minimum Pressure for Uniform Suction	2 Kg/Cm ²



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