



HYDRUS[®]

SPECIFICATION SHEET Hydrus Valve



VALVE SPECIFICATIONS	Simplex Softener	Multi-tank Softener	Simplex Filter	Multi-tank Filter
Regeneration/Backwash				
Cycle Type	Co-current	Countercurrent	Backwash	Backwash
Water Used	Raw Water	Soft Water	Raw Water	Filtered Water
Sequence	Service Backwash Brine Slow Rinse Backwash Purge	Service Brine Slow Rinse Backwash Purge	Service Backwash Purge	Service Backwash Purge
Regeneration Time	120, 150 min	120, 150 min	20, 40 min	20, 40 min

Operations Specifications

Backwash Flow Control: 5 - 75 gpm
 Operating Pressure: 35 - 125 psi
 Operating Temperature: 35 - 120°F

Connections

Tank: 4 in. Tank Thread
 Inlet/Outlet/Drain: 2 in. O-ring Adapter with E-clip
 Distributor: 2 in.

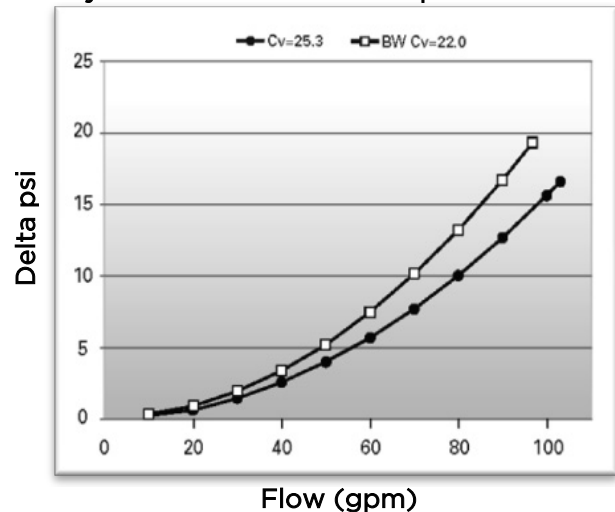
Adapters Available

1 ½ in. MNPT Engineered Plastic
 2 in. MNPT Engineered Plastic

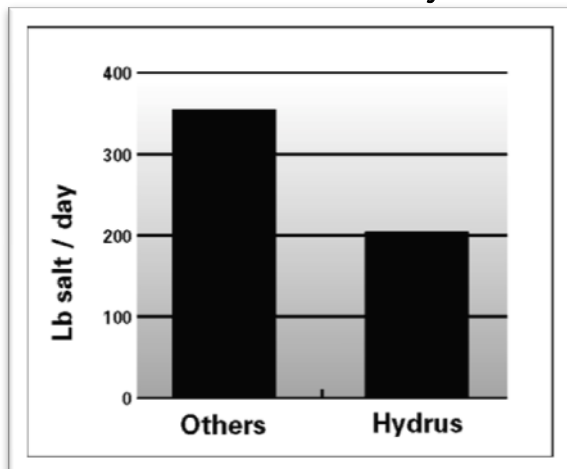
Physical Characteristics

Dimensions: 14 in. x 14 in. x 14 in.
 Weight: 15 lb

Hydrus Valve Pressure Drop Versus Flow



Pounds of Salt Per Day



Typical performance based on 50 gpm, 12 hours per day, 20 gpg raw water quality.

Gallons of Water Used to Regenerate Per Day

