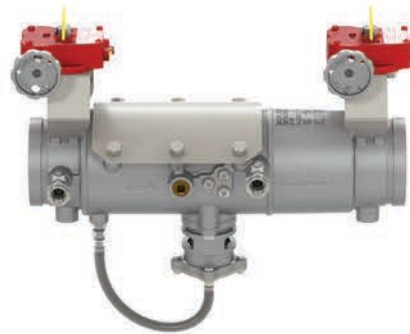


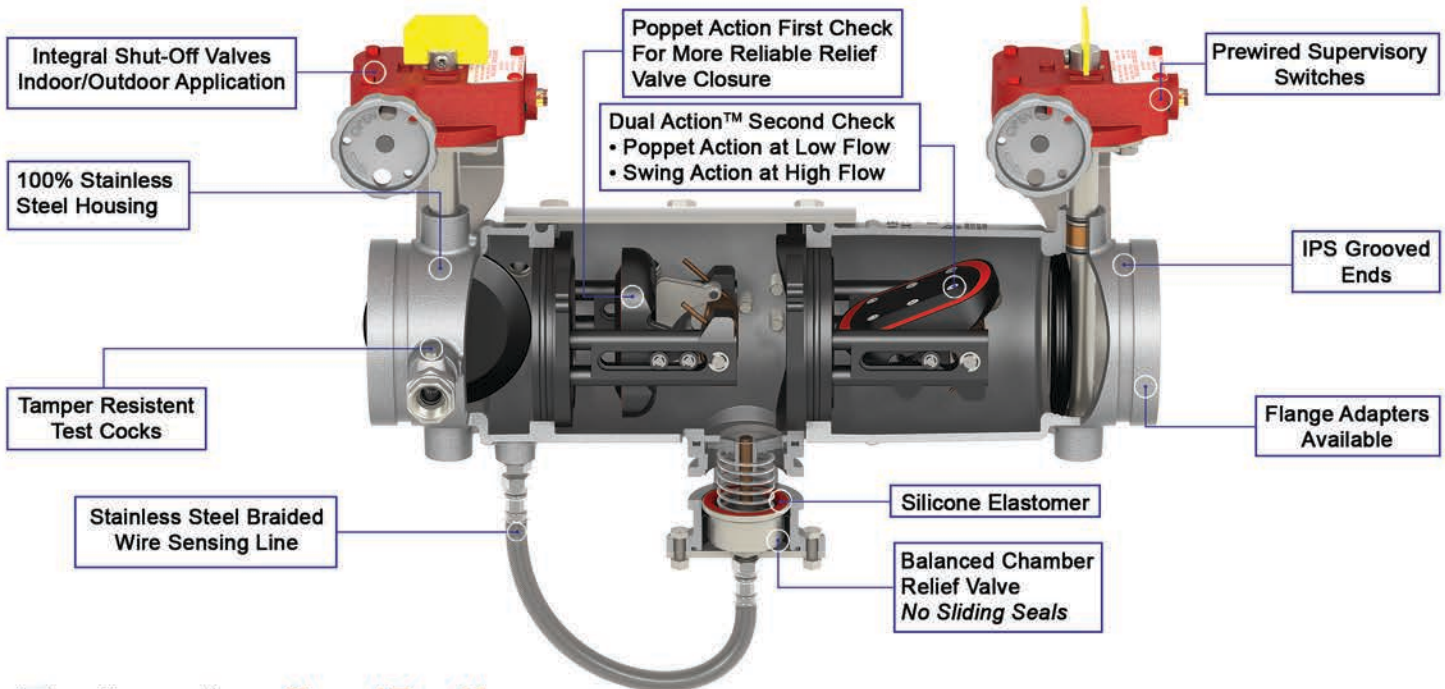
The Deringer 40 Reduced Pressure Valve prevents non-health hazard pollutants and hazardous contaminants from entering a potable water supply system when backpressure and/or backsiphonage conditions occur.

Sizes: $2\frac{1}{2}"$, 3", 4", 6", 8"
Working Pressure: 10-175psi (0.7-12.1 bar)
Temperature Range: 33°-140°F (1°-60°C)
End Connections
 - IPS Groove for Steel Pipe: AWWA C606
 - Flange Adapters: ANSI B16.1 Class 125
Lead Free: 0.25% Maximum by Weight



HORIZONTAL →

For Regulatory Approval Status Visit
www.backflowdirectapprovals.com



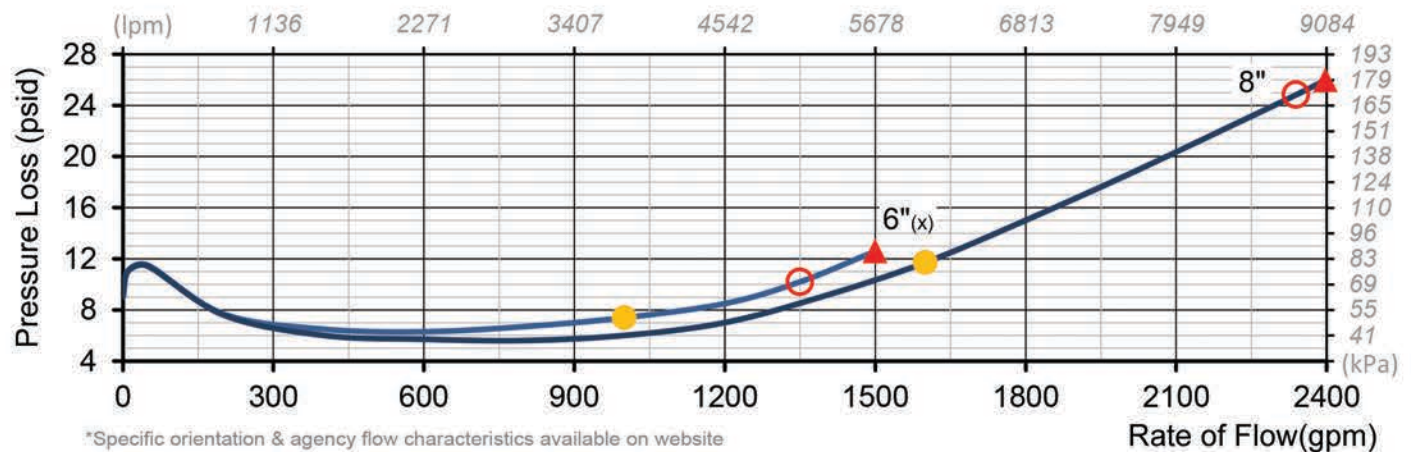
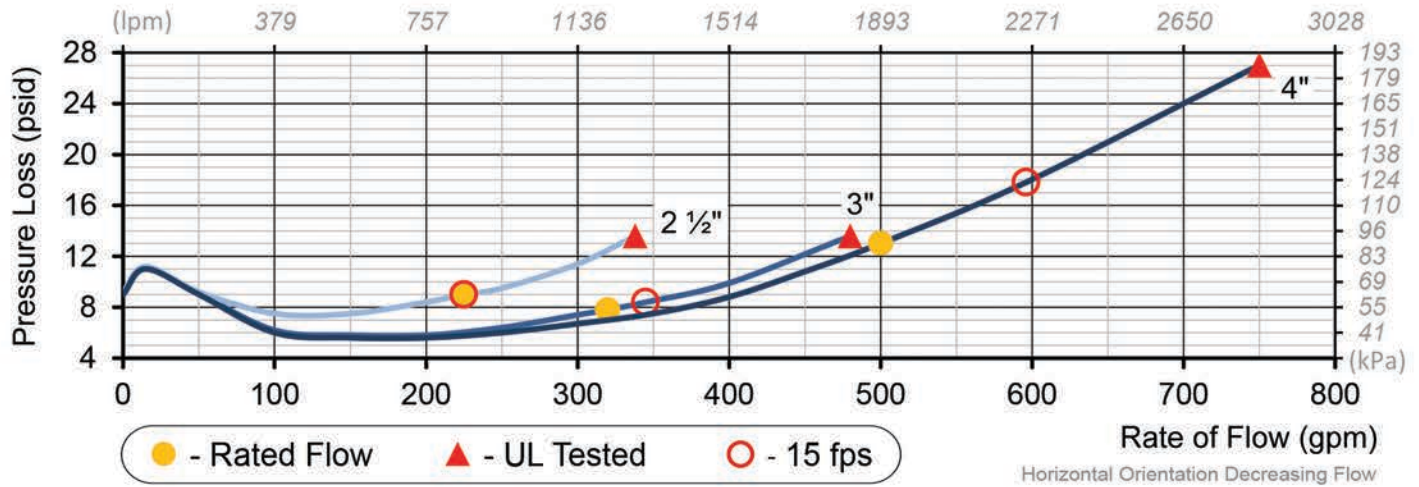
Engineering Specifications

The Deringer 40 Reduce Pressure (RP) valve shall utilize two independent Dual Action Check modules and two integral resiliently seated shut-off valves all of which shall be contained within a single rigid valve housing constructed entirely of 304 stainless steel. Both integral shutoff valves shall include pre-wired supervisory tamper switches contained within a weatherproof actuator housing approved for both indoor and outdoor use. Dual Action Check modules shall operate as a "poppet style" check under low flow conditions, operate as a "swing style" check under high flow conditions and utilize replaceable silicone elastomer sealing discs. Assembly test cocks shall be handle-less and operate via a tamper resistant actuator. Assembly shall have a single full access service port and cover with an "inline" replaceable elastomer seal. Relief Valve shall operate using only static seals (zero dynamic/sliding seals). All wetted surface Relief Valve components shall be constructed of stainless steel. Assembly shall be serviceable without special tools.

Job Name: _____
Job Location: _____
Engineer: _____
Approval: _____

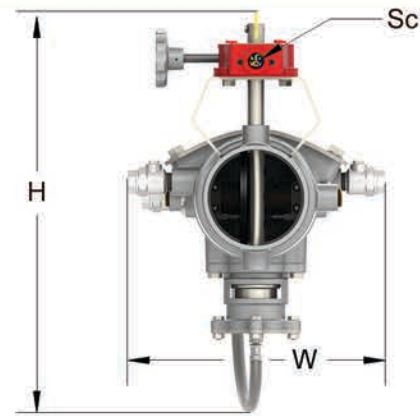
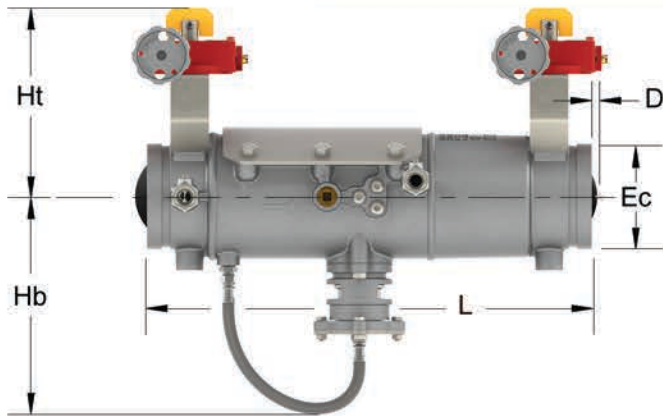
Contractor: _____
Approval: _____
Contractor's P.O. No: _____
Representative: _____

Flow Performance



*Specific orientation & agency flow characteristics available on website

Measures & Materials



Size	Ht	Hb	L	Ec	D	H	W	Weight	Sc
in mm	in mm	in mm	in mm	in mm	in mm	in mm	in mm	lbs kg	NPT
2 1/2 65	7.1 180	8.7 221	18.7 475	2 1/2 65	0.0 0	15.8 401	11.0 279	42 19	1/2"
3 80	7.4 188	8.7 221	18.7 475	3 80	0.0 0	16.1 409	11.0 279	44 20	1/2"
4 100	7.9 201	8.7 221	18.7 475	4 100	0.2 5	16.6 422	11.0 279	46 21	1/2"
6 150	9.6 244	10.7 272	28.4 721	6 150	1.0 25	20.3 516	13.8 351	126 57	1/2"
8 200	10.4 264	10.7 272	30.7 780	8 200	1.8 46	21.1 536	13.8 351	145 66	1/2"

Valve Housing: 304 Stainless Steel

Valve Cover: 304 Stainless Steel

SOV Disks: EPDM/304SS

SOV Shafts: 304 Stainless Steel

SOV Bearings: Teflon/Bronze

Non Wetted Bolts: Grade 8 Zinc Plated

Wetted Fasteners: 18-8 Stainless Steel

Check Disks: Silicone (NSF)

Check Springs: 17-7 Stainless Steel

Check Pins: 17-7/18-8 Stainless Steel

Check Seats: Noryl Polymer (NSF)

O-Rings: Buna-N (NSF)