

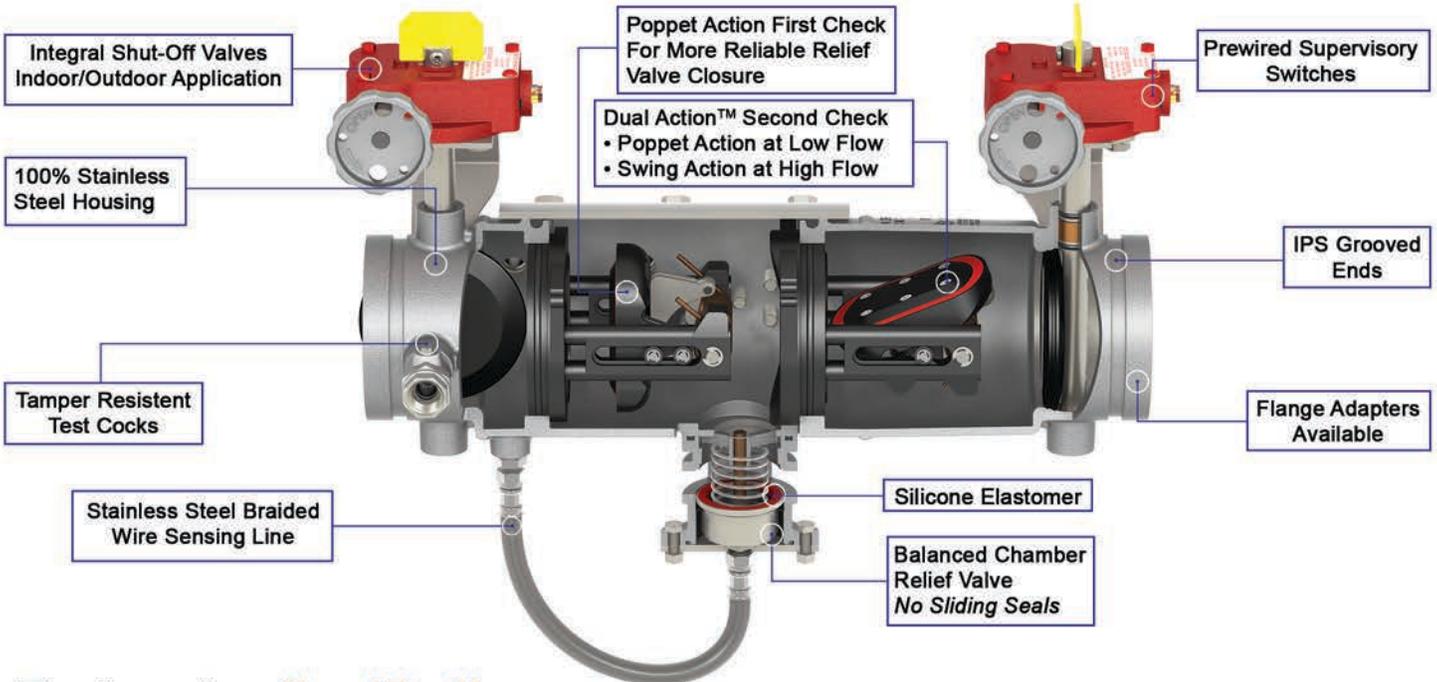
The Deringer 40 Reduced Pressure Valve prevents non-health hazard pollutants and hazardous contaminants from entering a potable water supply system when backpressure and/or backsiphonage conditions occur.

- Sizes:** 2½", 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



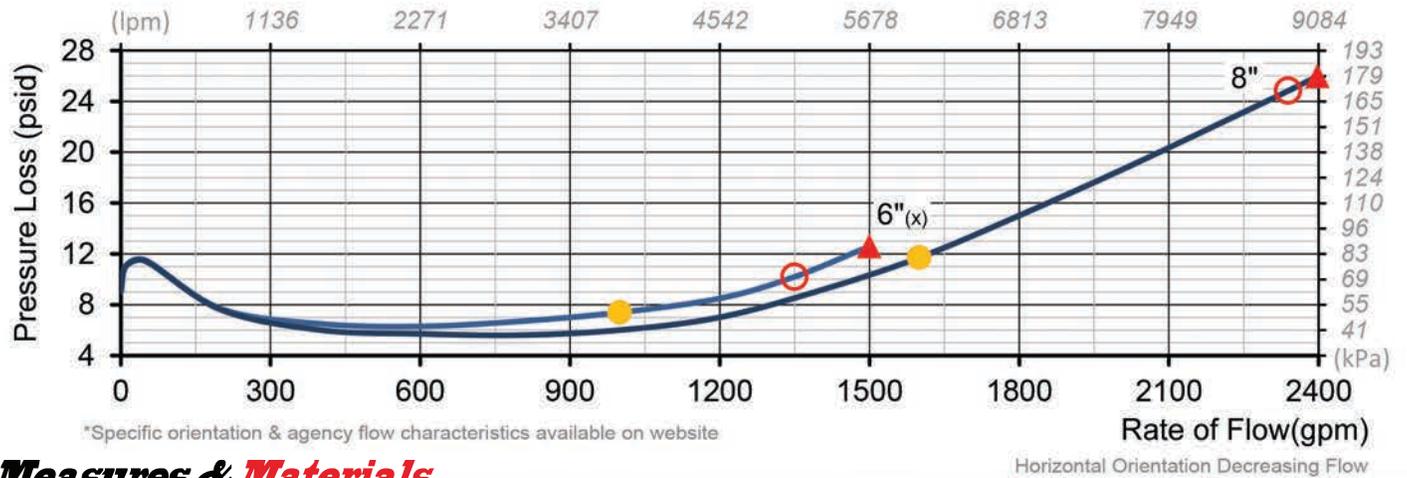
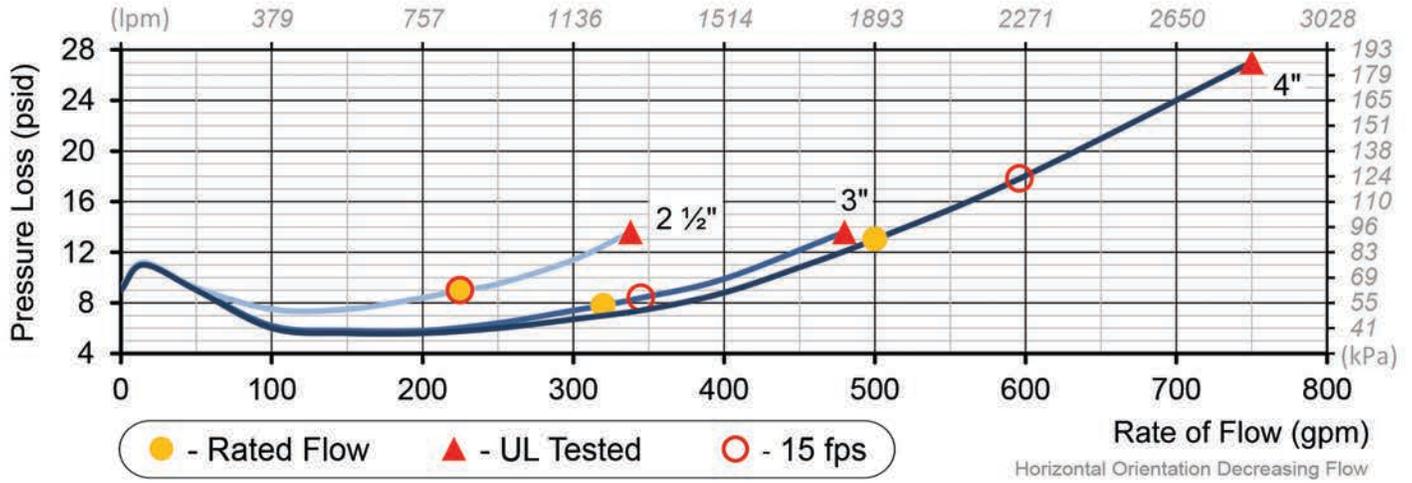
Engineering Specifications

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.

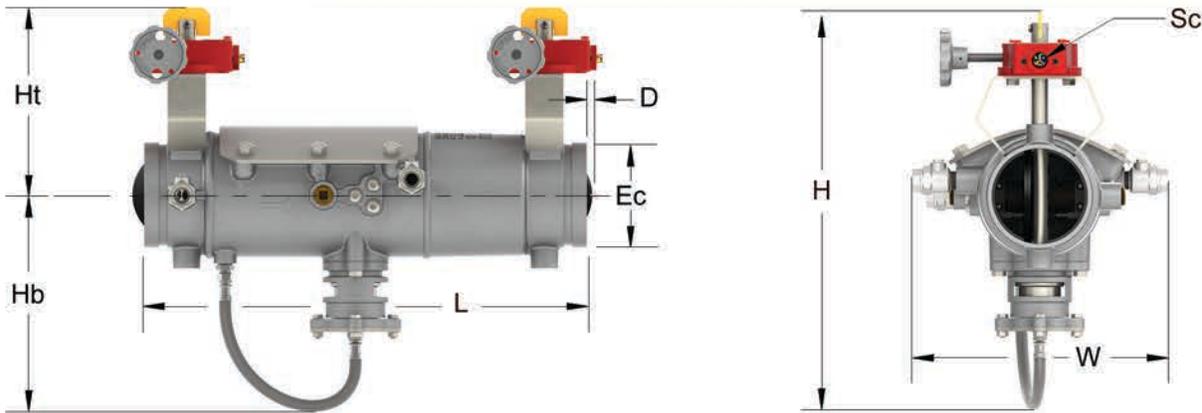
Job Name: _____
Job Location: _____
Engineer: _____
Approval: _____

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

Flow Performance



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 **SOV Bearings:** Teflon/Bronze **Check Springs:** 17-7 Stainless Steel
- Valve Cover:** 304 Stainless Steel **Non Wetted Bolts:** Grade 8 Zinc Plated **Check Pins:** 17-7/18-8 Stainless Steel
- SOV Disks:** EPDM/304SS **Wetted Fasteners:** 18-8 Stainless Steel **Check Seats:** Noryl Polymer (NSF)
- SOV Shafts:** 304 Stainless Steel **Check Disks:** Silicone (NSF) **O-Rings:** Buna-N (NSF)