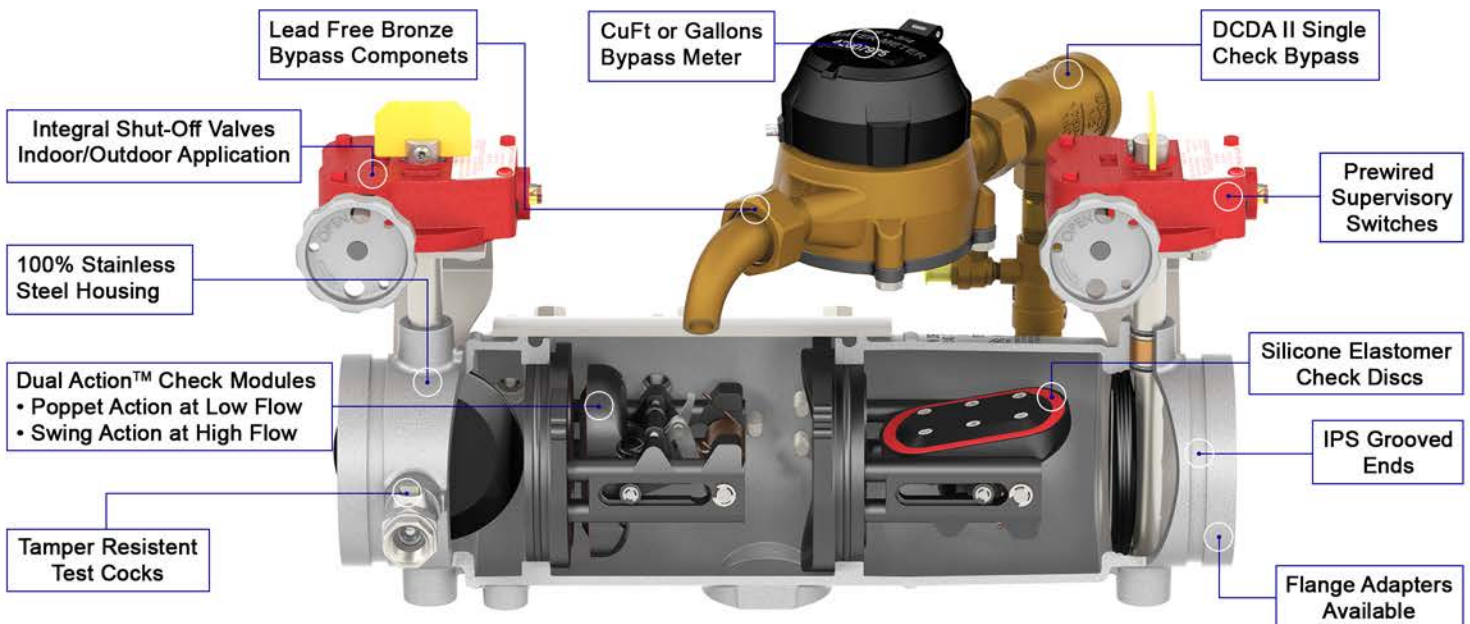
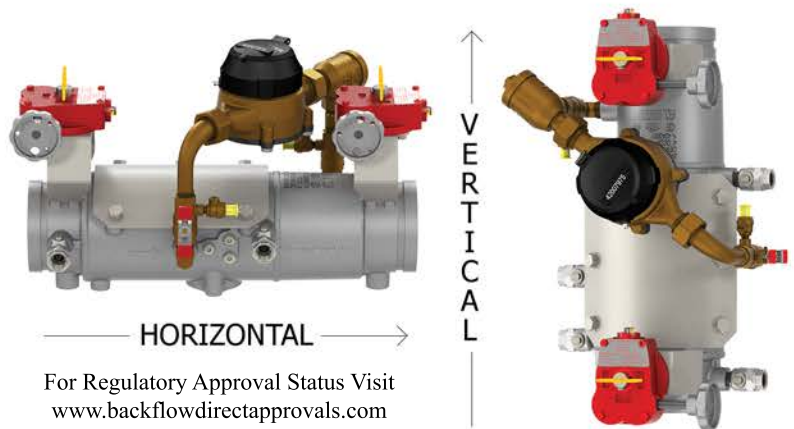


The Deringer 30 Double Check Detector Assembly prevents non-health hazard pollutants from entering a potable water supply system when backpressure and/or backsiphonage conditions occur. Used primarily on fire sprinkler systems when monitoring of unauthorized water use is required.

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



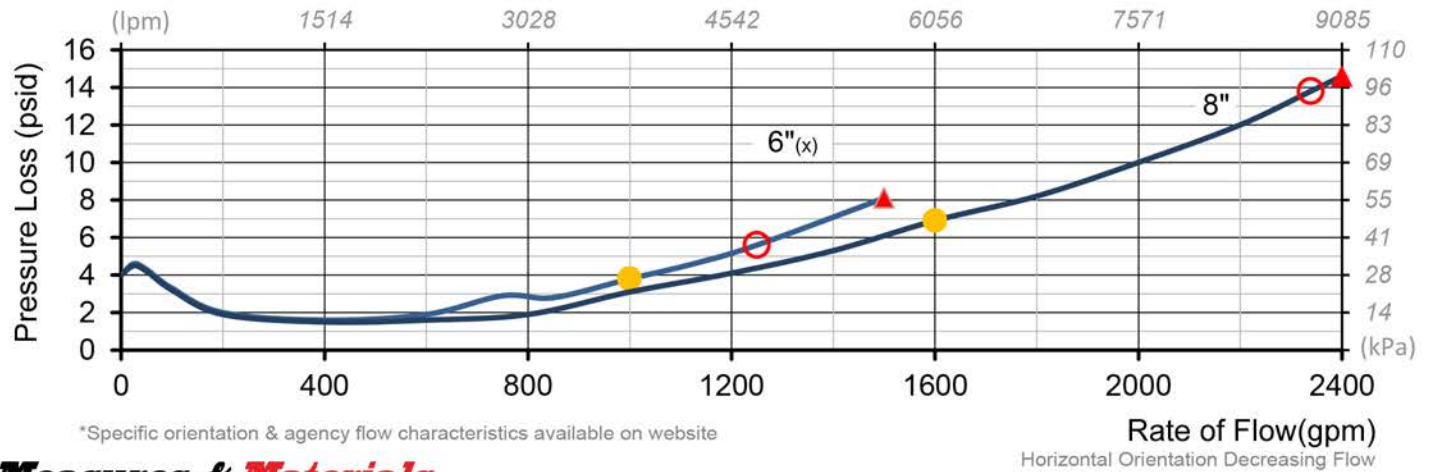
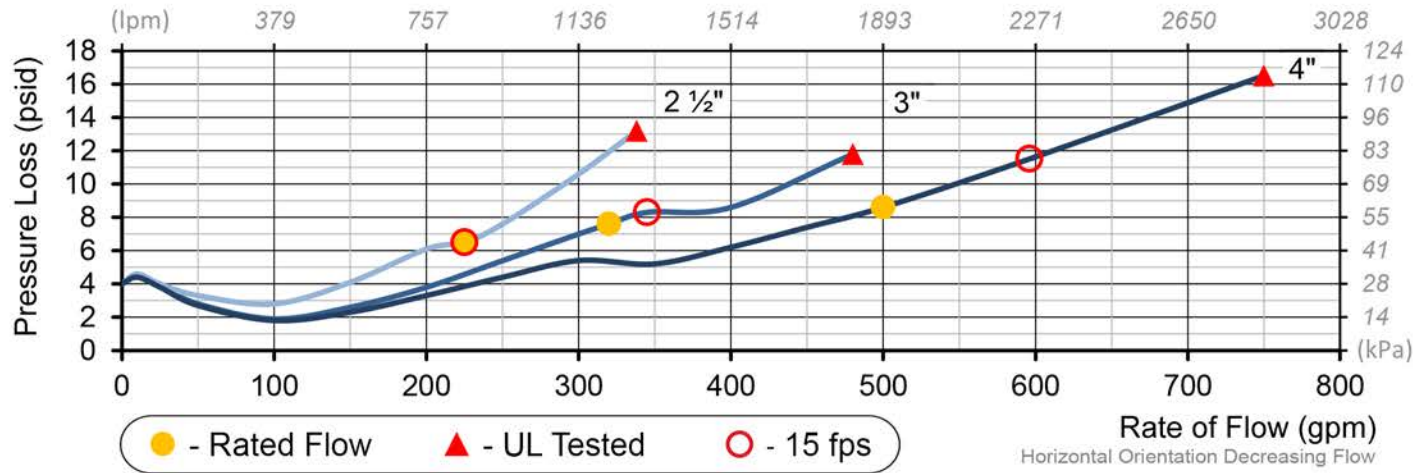
Engineering Specifications

The Deringer 30 Double Check Detector Assembly 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. The bypass assembly shall include a meter registering either gallons or cubic feet, a single check valve and required test cocks. Assembly shall be serviceable without special tools and approved for both horizontal and vertical applications.

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

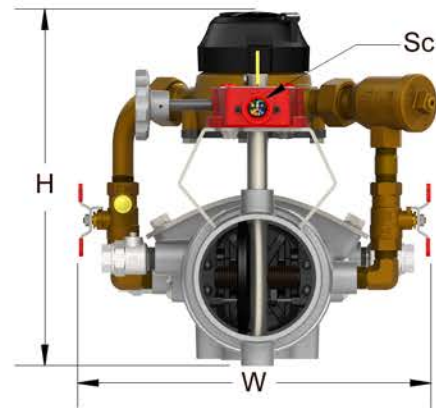
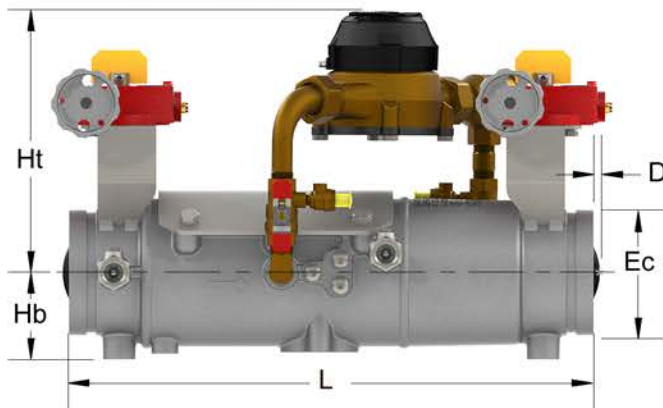
Contractor: _____
Approval: _____
Contractor's P.O. No: _____
Representative: _____

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 ½	65	7.1	180	2.9	74	18.7	475	2½	65	0.0	0	10.0	254	11.0	279	47	21	½"
3	80	7.4	188	2.9	74	18.7	475	3	80	0.0	0	10.3	262	11.0	279	49	22	½"
4	100	7.9	201	3.1	79	18.7	475	4	100	0.2	5	11.0	279	11.0	279	51	23	½"
6	150	8.7	221	4.8	122	28.4	721	6	150	1.0	25	13.5	343	13.8	351	131	59	½"
8	200	10.4	264	5.4	137	30.7	780	8	200	1.8	46	15.8	401	13.8	351	150	68	½"

Valve Housing: 304 Stainless Steel
Valve Cover: 304 Stainless Steel
SOV Disks: EPDM/304SS
SOV Shafts: 304 Stainless Steel
Bypass Spring: 302 Stainless Steel

SOV Bearings: Teflon/Bronze
Non Wetted Bolts: Grade 8 Zinc Plated
Wetted Fasteners: 18-8 Stainless Steel
All Check Disks: Silicone (NSF)
Bypass Components: Lead Free Bronze

Check Springs: 17-7 Stainless Steel
Check Pins: 17-7/18-8 Stainless Steel
Check Seats: Noryl Polymer (NSF)
O-Rings: Buna-N (NSF)
Bypass Internals: ABS Polymer (NSF)