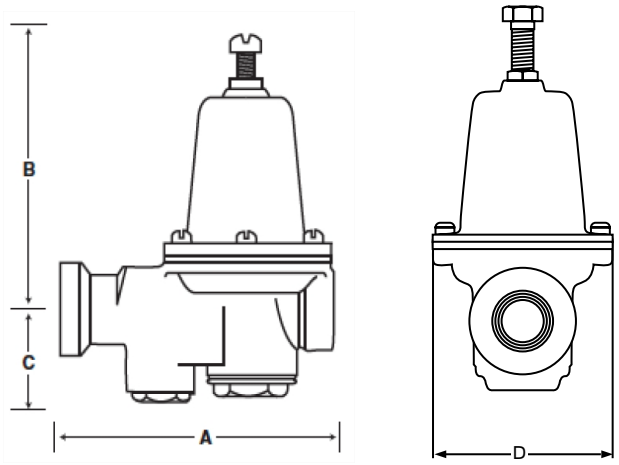
Cash Acme™
E3 Pressure Regulating Valve

The Cash Acme™ E3 Pressure Regulating Valve automatically reduces a high inlet pressure to a lower delivery pressure and maintains the lower pressure within acceptable limits. It provides substantially higher capacity and closer regulation for more demanding and higher quality installations. The E3 incorporates a yoke-type design, allowing the regulator to close against the inlet pressure and provide quieter operation under wide and varying flow conditions.



Approved Applications

Commercial and residential water and dry, filtered air applications.

Specification Data

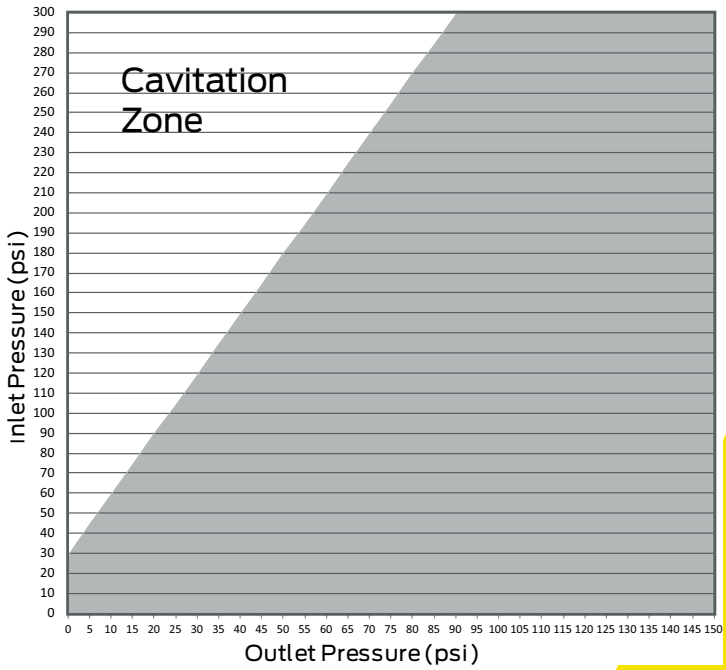
Performance	
Maximum Inlet pressure	300 psi
Temperature range	33°F - 180°F (0.6°C - 82.2°C)
Service	Air and Water
Outlet pressure range	20-70 psi[1]
Factory Set	45 psi

Materials			
1	Body		Lead-Free[2] Brass
2	Spring Chamber	1/2" and 3/4"	Gray Iron
		1" - 2"	Cast Aluminum
3	Adjustment Spring		Steel (Zinc Plated)
4	Body Seat		Stainless Steel
5	Diaphragm		Nylon Fabric Reinforced EPDM
6	Seat Disc		Buna-N
7	Piston		Lead-Free Bismuth Bronze
8	Piston Spring[3]		Stainless Steel
9	Strainer Screen		Stainless Steel/Monel

[1]Low (10-40 psi) and High (71-150 psi) pressure ranges are also available
[2]Lead Free for all models. Surfaces that are in contact with consumable water contain less than 0.25% lead by weight.
[3]Low pressure range only

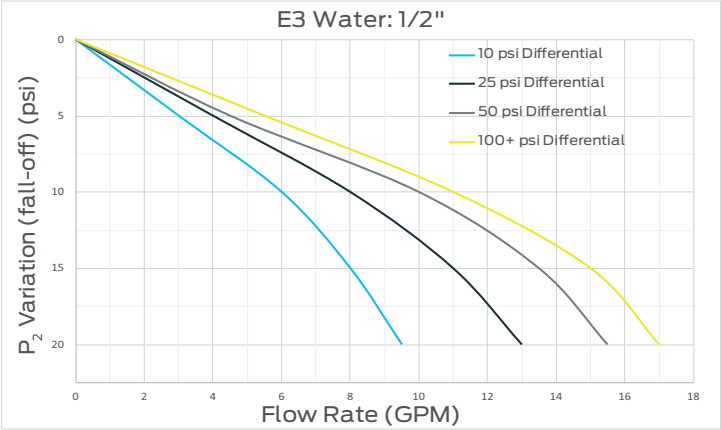
Dimensions (inches)				
Size	A	B	C	D
1/2"	5	5-1/4	1-3/4	3-1/8
3/4"	5-1/2	5-15/16	1-7/8	3-57/64
1"	6-7/16	7	2-11/16	4-3/4
1-1/4"	7-5/8	7-1/2	3	15-1/4
1-1/2"	8-7/8	8-1/2	3-1/4	5-3/4
2"	10-7/16	10-1/4	3-3/16	6-1/2

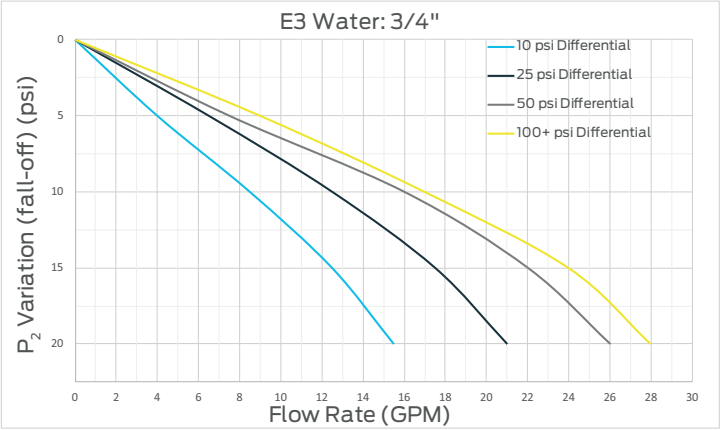
Cash Acme PRV Cavitation Chart

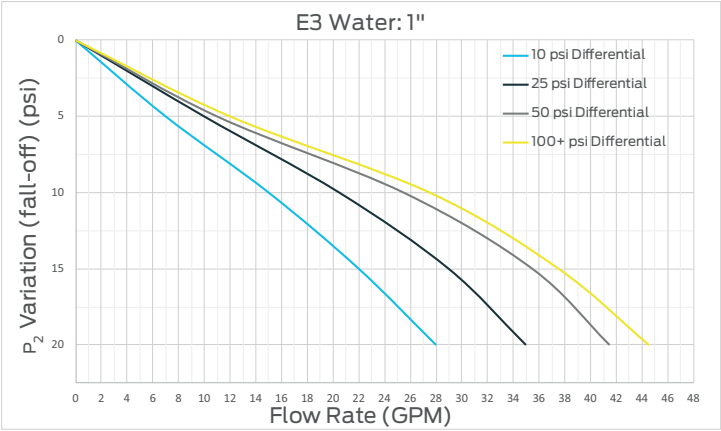


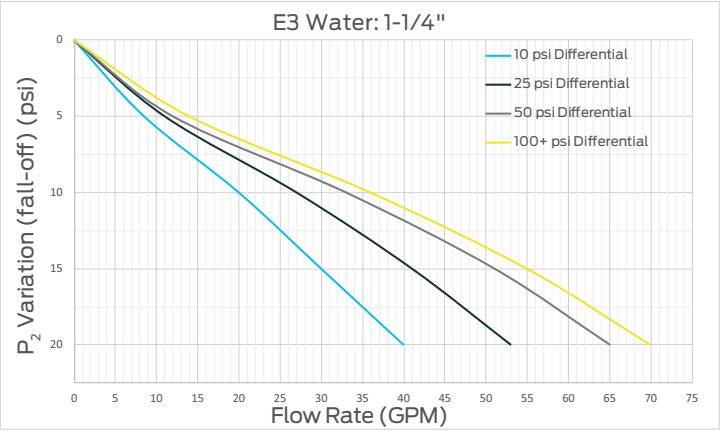
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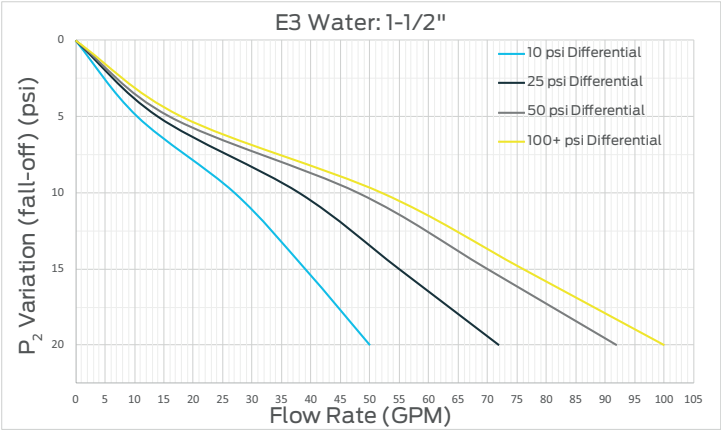
Cash Acme E3 Water Capacity

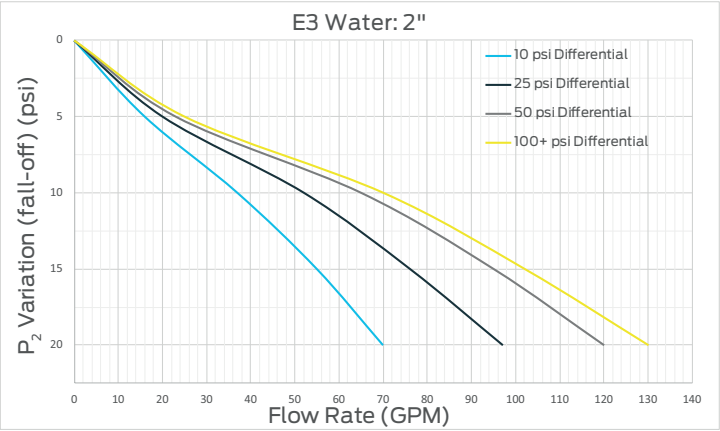






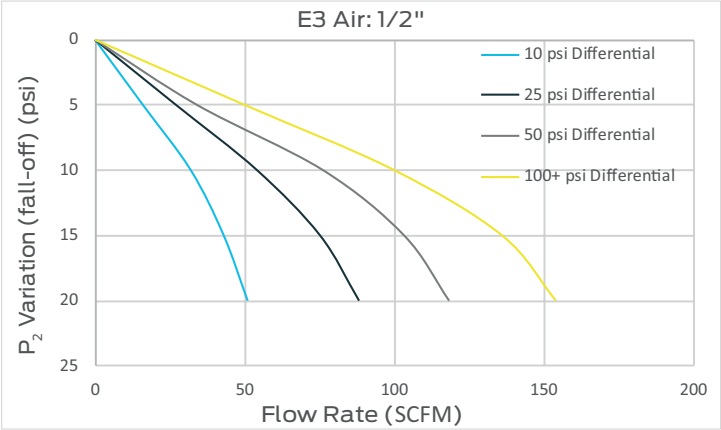


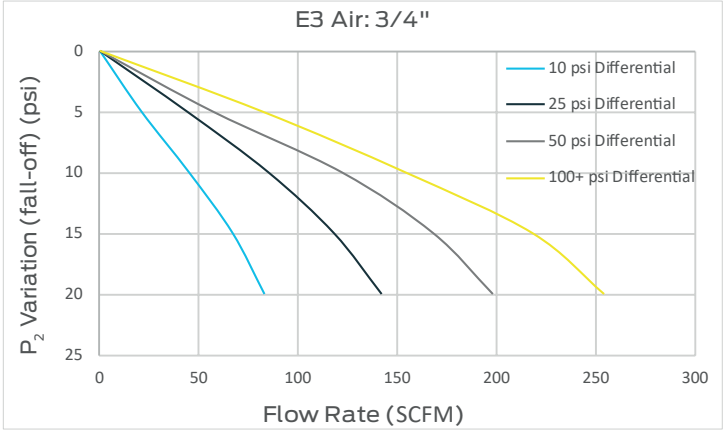


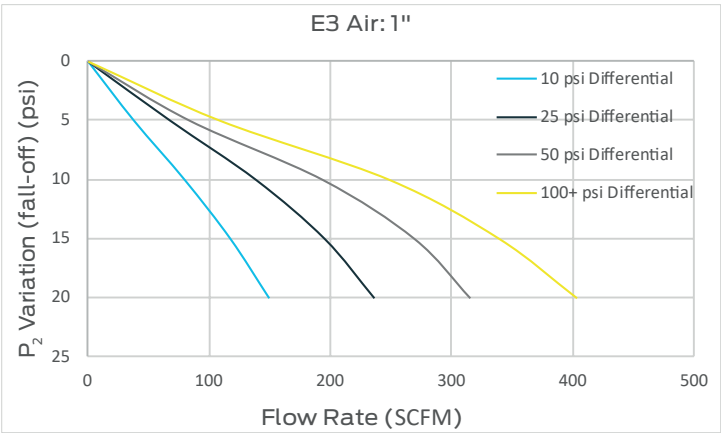


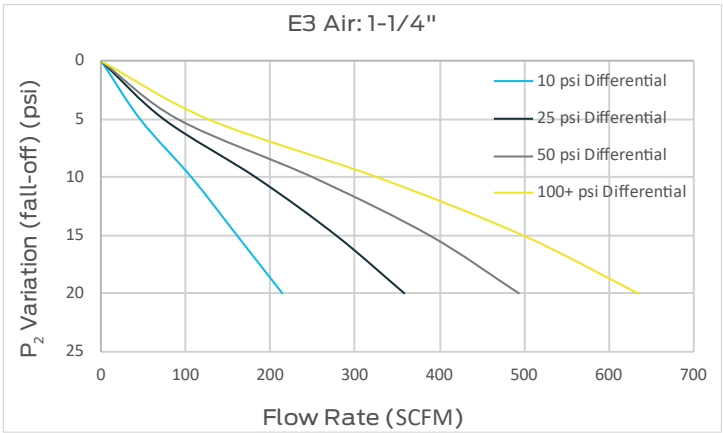
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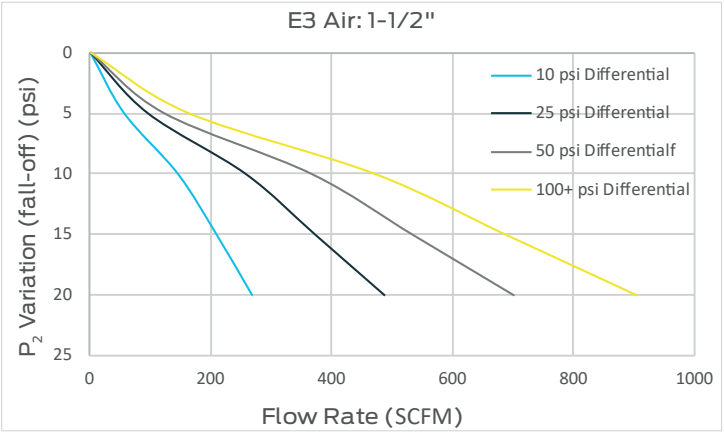
Cash Acme E3 Air Capacity

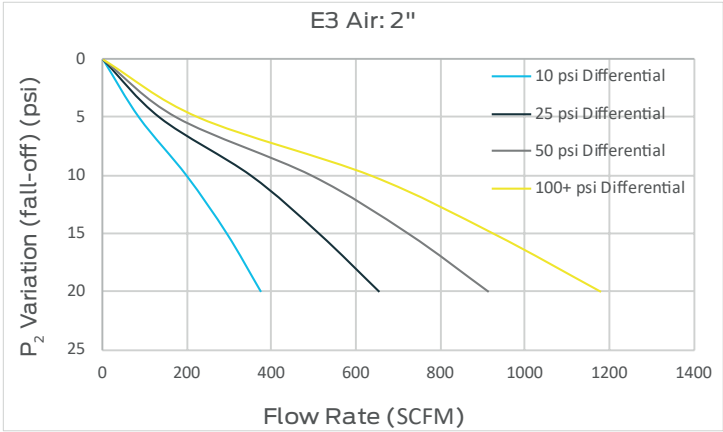












Pressure Differential: Difference between the inlet pressure and the PRV set pressure.

P_2 Variation: Pressure reduction of the outlet due to the demand created downstream when a fixture is opened and water is allowed to flow through the PRV.

Certifications & Listings

ASSE 1003, NSF/ANSI 372

1003

Refer to local plumbing code

Product Submittal	
Name	
Date	
Architect/Owner	
Contractor	
Tag	
Notes	

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