CashAcme™

Cash Acme™
E41 Pressure Regulating Valve

The Cash Acme E41 Pressure Regulating Valve automatically reduces a high inlet pressure to a lower delivery pressure and maintains the lower pressure within acceptable limits. It provides high capacity and close regulation for more demanding and higher quality installations. The E41 is similar in internal design to the E3 regulator with the exception that it is not fitted with an inbuilt strainer for systems which do not require the feature, or where separate, individual strainers are preferred.

Approved Applications

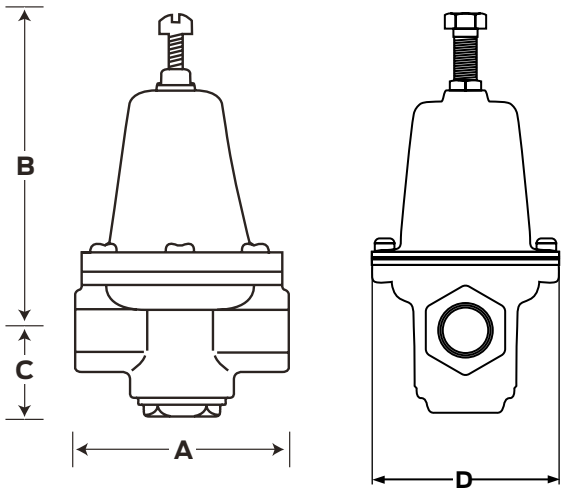
Commercial and residential water and dry, filtered air applications.

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

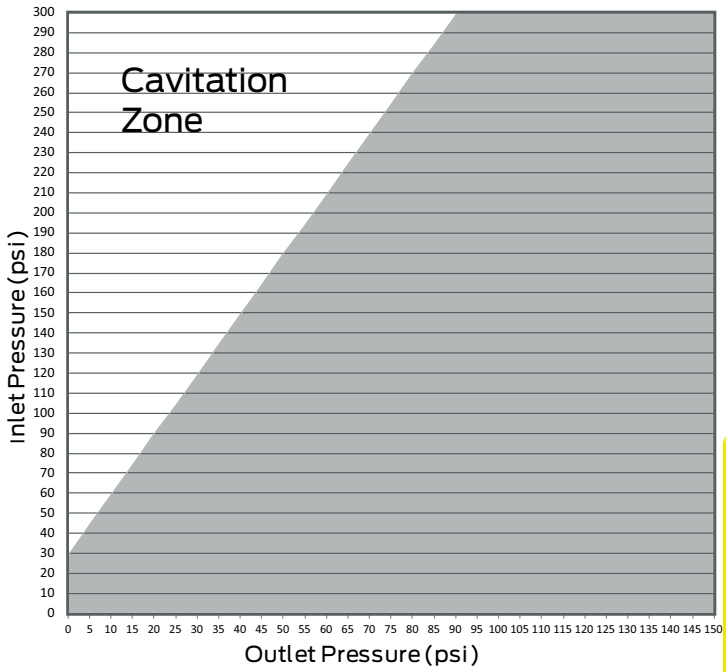
Materials			
1	Body		Lead-Free[2] Bismuth Bronze
2	Spring Chamber	1/2" & 3/4"	Gray Iron
		1" - 2"	Aluminum
3	Adjustment Spring		Steel (Zinc Plated)
4	Body Seat		Stainless Steel
5	Diaphragm		Nylon Fabric Reinforced EPDM
6	Seat Disc		Buna-N
7	Piston		Lead-Free Bismuth Bronze
8	Piston Spring[3]		Stainless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

[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"	3-3/8	5-1/4	1-1/2	3-1/8
3/4"	4-1/16	5-15/16	1-7/8	3-7/8
1"	4-9/16	7	2-5/16	4-3/4
1-1/4"	5-3/16	8	2-3/8	5-1/4
1-1/2"	5-13/16	8-1/2	2-5/8	5-3/4
2"	6-1/2	10-1/4	2-3/4	6-1/2

Cash Acme PRV Cavitation Chart



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Canada 1 888 820 0120 | canadasales@rwc.com | cashacme.ca

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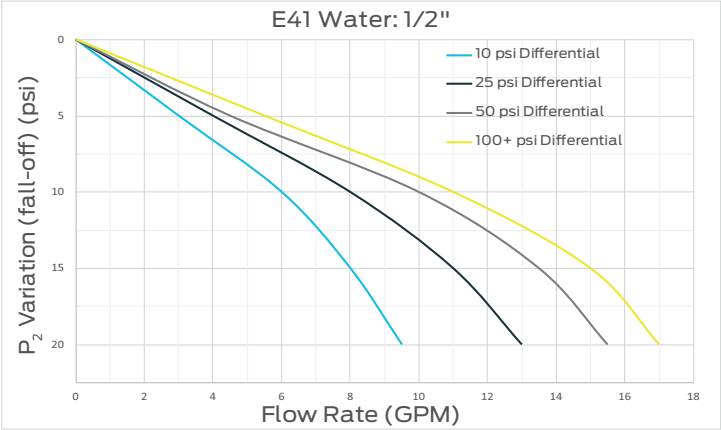
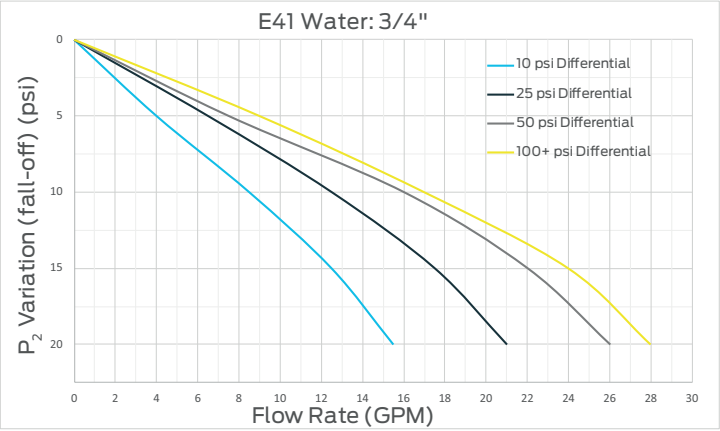
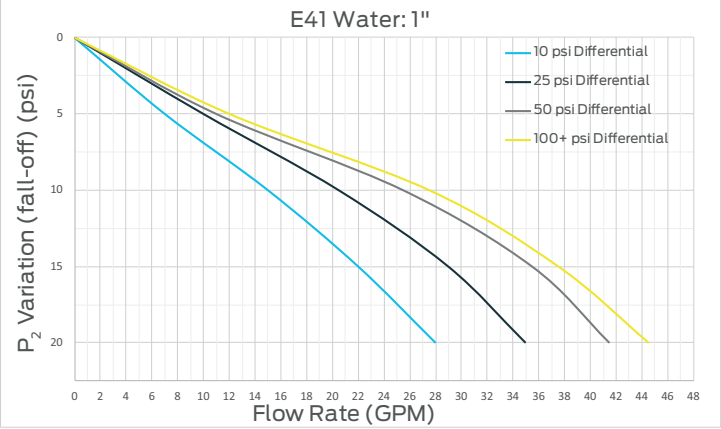
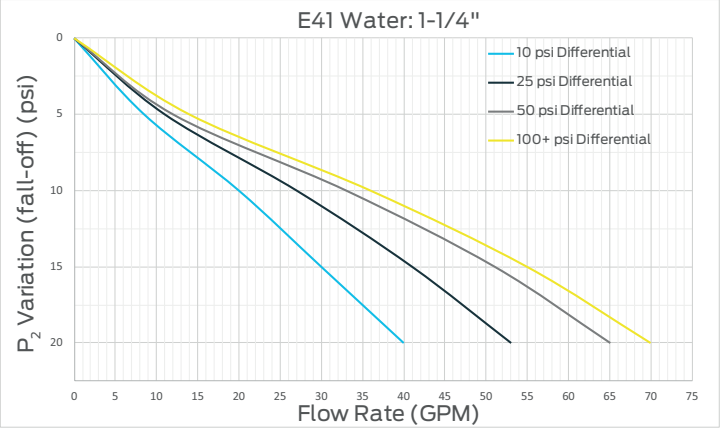
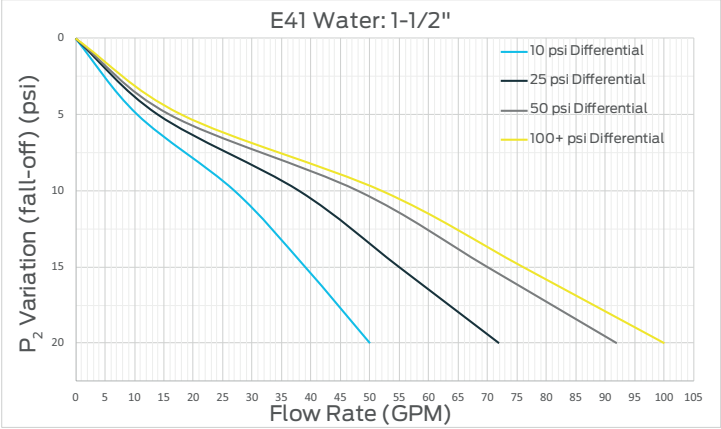
Cash Acme E41 Water Capacity

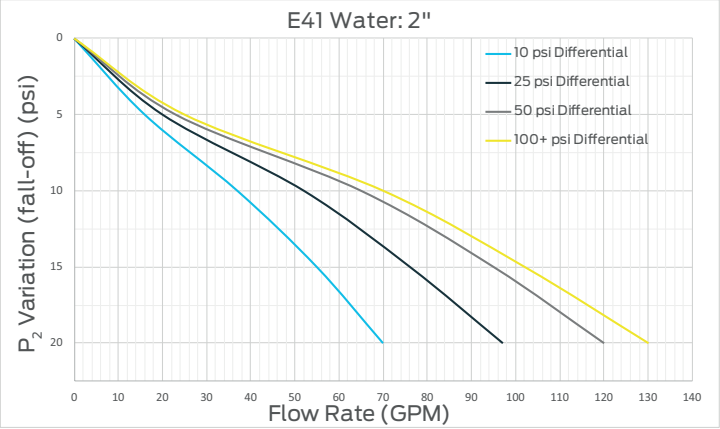




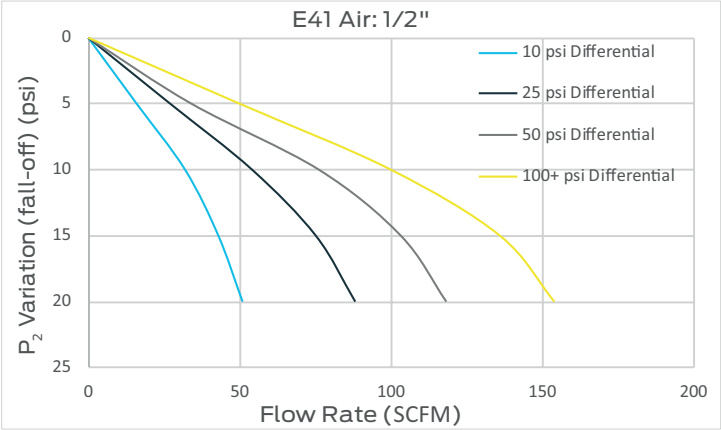


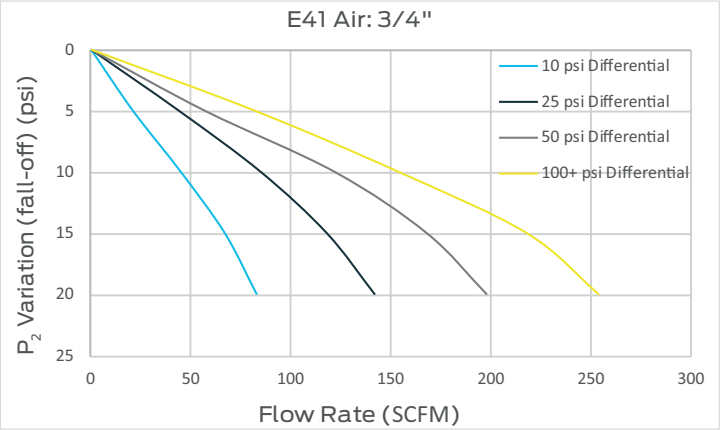


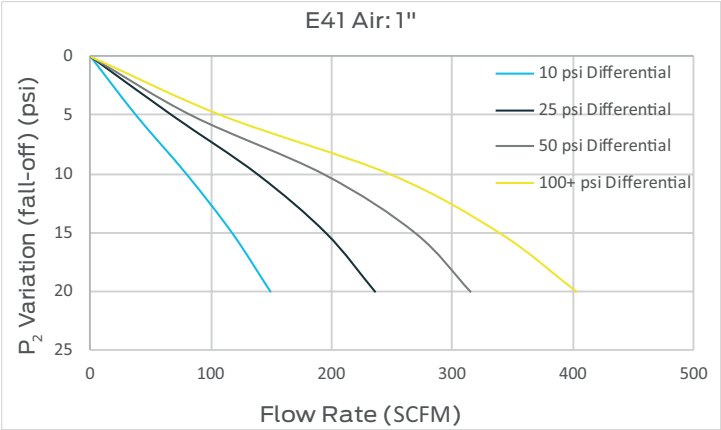


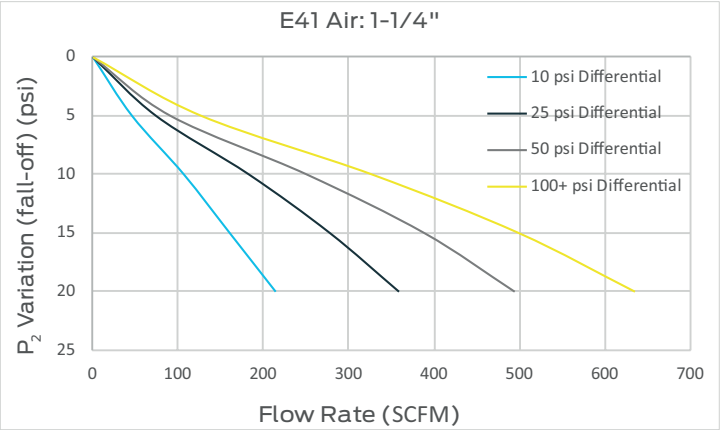


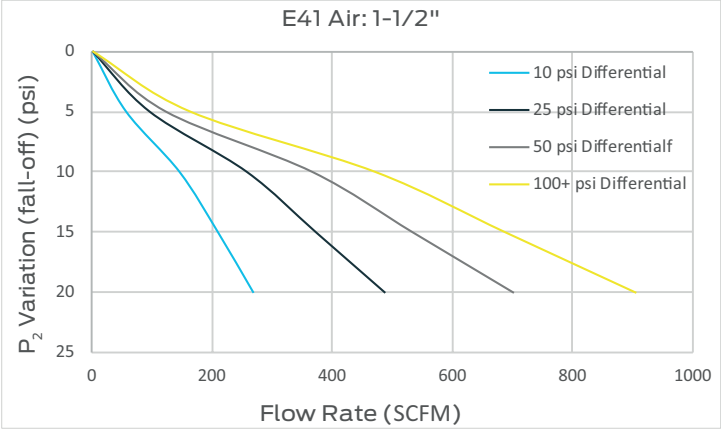
Cash Acme E41 Air Capacity

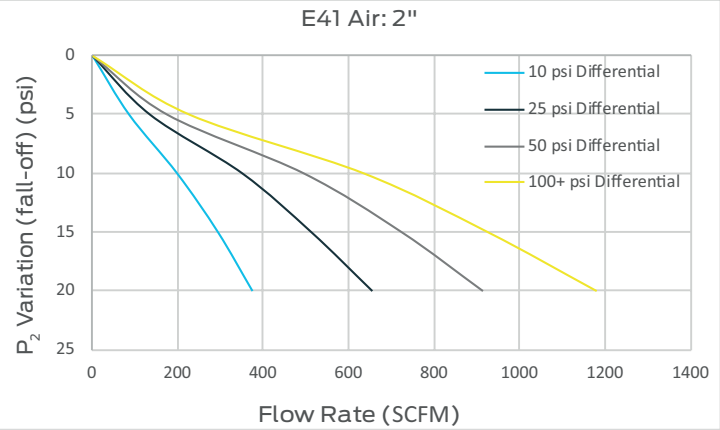












Pressure Differential: Difference between the inlet pressure and the PRV set pressure.

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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