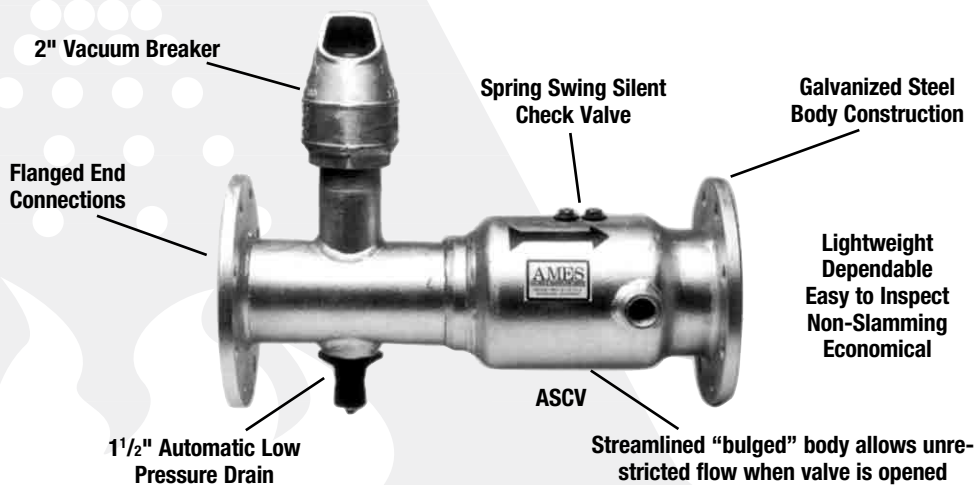




Series ASCV

Anti-Siphon/Chemigation Check Valve

Sizes: 3" – 12" (80 – 300mm)



Features

- Heavy duty galvanized steel body construction
- Prevents water hammer and backflow into the potable water supply
- Vacuum breaker provides maximum air release
- Heavy duty cast aluminum vacuum breaker body
- Durable plastic low pressure drain body with positive O-ring seal, impervious to most chemicals

Series ASCV Anti-Siphon/Chemigation Check Valve is used to prevent backflow of mixtures of water and chemicals into the water supply. The spring swing silent check valve is extremely efficient in the prevention of backflow to the water supply. Spring pressure is applied to the clapper causing it to close an instant before reverse flow starts. This instantaneous closure prevents water hammer and backflow into the water supply.

Series ASCV vacuum breaker is installed on the top of the device on inlet side of check valve to provide air release and vacuum relief when flow discontinues. The vacuum breaker features a contoured machined seat for positive closure and large exhaust port and orifice for maximum air release.

Series ASCV automatic low pressure drain is installed on bottom of device on inlet side of the check to provide drainage of any water on the inlet side of check valve. Drain closes at 2.5psi (17.2 kPa).

Specifications

Anti-Siphon/Chemigation Check Valve shall be installed on water lines to prevent the backflow of water and chemical mixtures into the potable water supply. The valve body shall be galvanized steel, vacuum breaker shall be cast aluminum and low pressure drain shall be plastic. Valve shall be an Ames Company Series ASCV.

Job Name _____ Contractor _____

Job Location _____ Approval _____

Engineer _____ Contractor's P.O. No. _____

Approval _____ Representative _____

Ames product specifications in U.S. customary units and metric are approximate and are provided for reference only. For precise measurements, please contact Ames Technical Service. Ames reserves the right to change or modify product design, construction, specifications, or materials without prior notice and without incurring any obligation to make such changes and modifications on Ames products previously or subsequently sold.

Materials

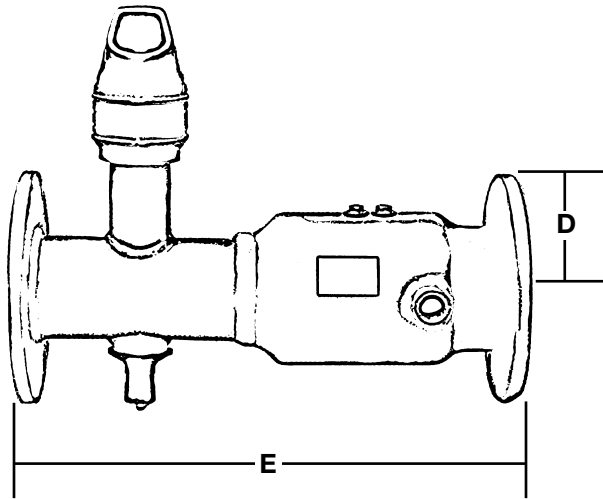
Valve Body: galvanized steel

Vacuum Breaker Body: cast aluminum

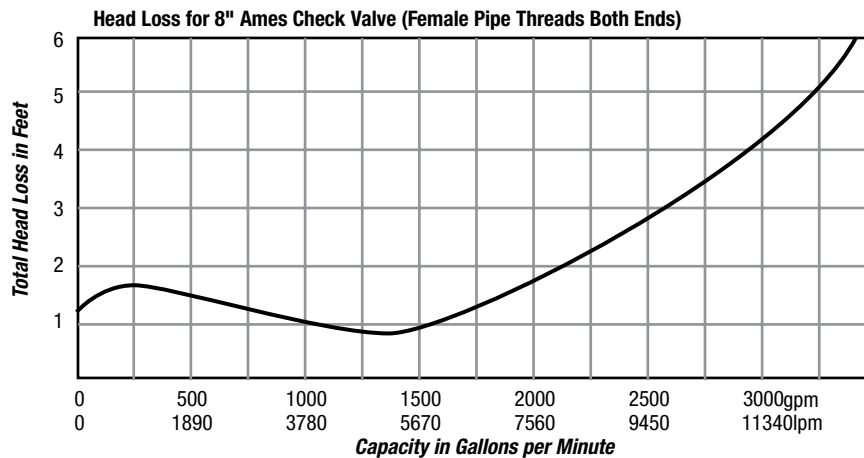
Low Pressure Drain: plastic

Pressure – Temperature

Maximum working pressure: 150psi (10 bars)



Size		D		E		Approx. Net Wt.	
in.	mm	in.	mm	in.	mm	lb.	kg
3	80	3 ³ / ₄	95	17	432	35	15.9
4	100	4 ¹ / ₂	114	19	483	47	21.3
6	150	5 ¹ / ₂	140	20	508	65	29.5
8	200	6 ³ / ₄	171	23	584	88	39.9
10	250	8	203	25	635	110	50
12	300	9 ¹ / ₂	241	25	635	133	60.3



IMPORTANT: Inquire with governing authorities for local installation requirements.



A Watts Water Technologies Company

www.amesfirewater.com



**ISO 9001-2008
CERTIFIED**

USA: Backflow- Sacramento, CA • Tel: (916) 928-0123 • Fax: (916) 928-9333

Control Valves- Houston, TX • Tel: (713) 943-0688 • Fax: (713) 944-9445

Canada: Burlington, ON • Tel: (905) 332-4090 • Fax: (905) 332-7068