

Job Name _____
 Job Location _____
 Engineer _____
 Approval _____

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

Series ASCV Anti-Siphon/Chemigation Check Valve

Sizes: 3" – 12" (80 – 300mm)

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 2.5 psi (17.2 kPa).

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

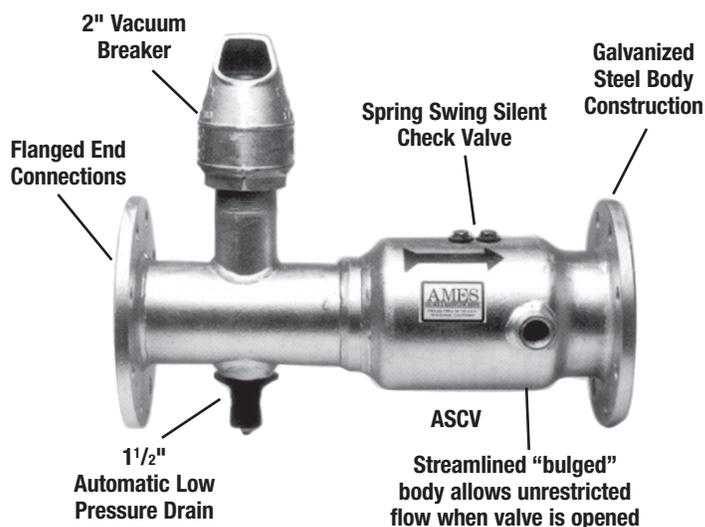
Specifications

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 Fire & Waterworks Series ASCV.

NOTICE

The information contained herein is not intended to replace the full product installation and safety information available or the experience of a trained product installer. You are required to thoroughly read all installation instructions and product safety information before beginning the installation of this product.

Ames Fire & Waterworks product specifications in U.S. customary units and metric are approximate and are provided for reference only. For precise measurements, please contact Ames Fire & Waterworks Technical Service. Ames Fire & Waterworks 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 Fire & Waterworks products previously or subsequently sold.



Lightweight
 Dependable
 Easy to Inspect
 Non-Slamming
 Economical



Materials

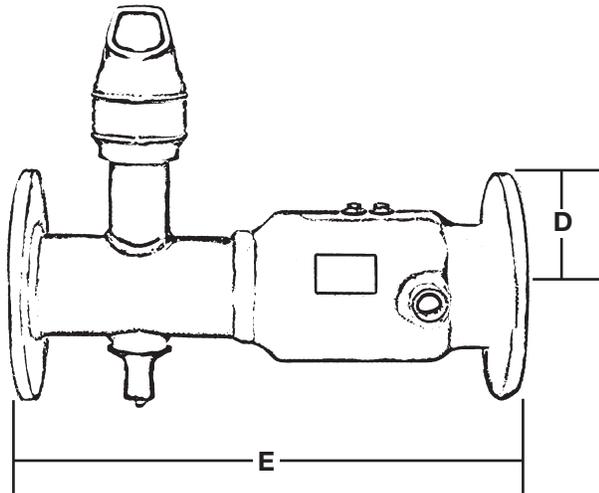
Valve Body: galvanized steel

Vacuum Breaker Body: cast aluminum

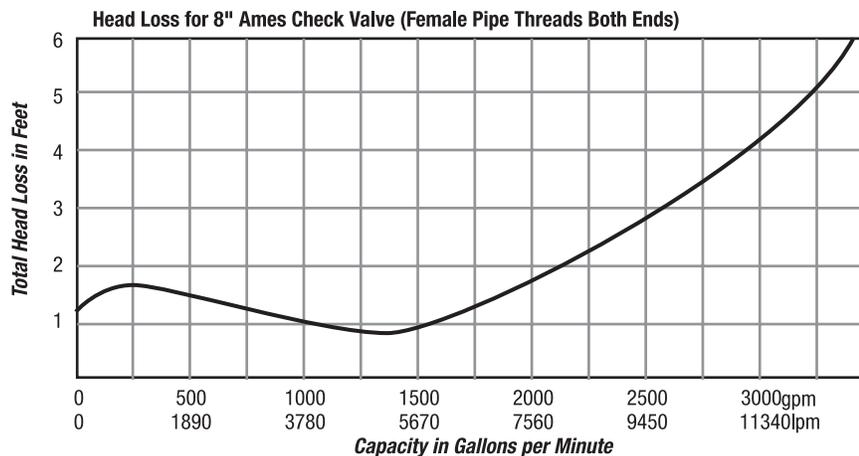
Low Pressure Drain: plastic

Pressure – Temperature

Maximum working pressure: 150 psi (10 bars)



Size		D		E		Approx. Net Wt.	
in.	mm	in.	mm	in.	mm	lb.	kg
3	80	3 ³ / ₄	95	17	432	20	9
4	100	4 ¹ / ₂	114	19	483	28	13
6	150	5 ¹ / ₂	140	20	508	40	18
8	200	6 ³ / ₄	171	23	584	60	27
10	250	8	203	25	635	87	40
12	300	9 ¹ / ₂	241	25	635	110	50



IMPORTANT: Inquire with governing authorities for local installation requirements.



A WATTS Brand

USA: Backflow Tel: (978) 689-6066 • Fax: (978) 975-8350 • AmesFireWater.com
USA: Control Valves Tel: (713) 943-0688 • Fax: (713) 944-9445 • AmesFireWater.com
Canada: Tel: (905) 332-4090 • Fax: (905) 332-7068 • AmesFireWater.ca
Latin America: Tel: (52) 81-1001-8600 • AmesFireWater.com