

Job Name _____
 Job Location _____
 Engineer _____
 Approval _____

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

LEAD FREE*

Series AVS Valve Setters Used with N-Shape Assemblies

Sizes: 3" – 10" (80 – 250mm)

The Ames Series AVS valve setters are designed to augment the installation of the "N" series backflow prevention valves. The Series AVS are available in three connection options, Flange by Flange, Mechanical Joint by Flange, and Mechanical Joint by Mechanical Joint. They are constructed of fusion epoxy coated ductile iron. Integral ductile iron support between elbows transfers thrust downstream, thus eliminating thrust block requirements between elbows. Mechanical joint restraint devices may be used at the pipe connections, depending on local conditions.

Features

- Corrosion resistant fusion epoxy coated.
- Eliminates the need for thrust blocks or other restraints at the point of installation.
- Flanges: ANSI B16.1 Class 125 (Standard)
 ANSI AWWA C153 A21.53-88

Pressure – Temperature

Maximum Working Pressure: 175 psi (12.1 bar)
 Temperature Range: 32°F to 140°F (0°C to 60°C)

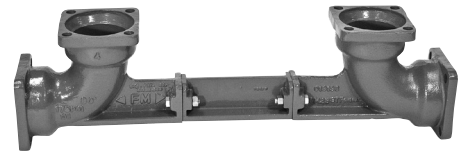
Materials

- Body: Ductile iron A536 GR 65-45-12
- Coating: Fusion epoxy coated internal and external
 AWWA C550
- Bolts & Nuts: Stainless steel

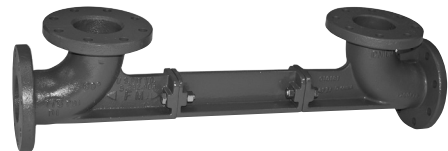
Note: Mechanical joint accessories, flange bolts and gaskets are not included (except for center joints).

Models

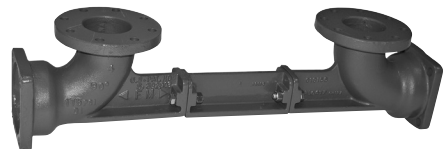
- FLxFL Flange by Flange
- MJxFL Mechanical Joint by Flange
- MJxMJ Mechanical Joint by Mechanical Joint



MJxMJ



FLxFL



MJxFL

NOTICE

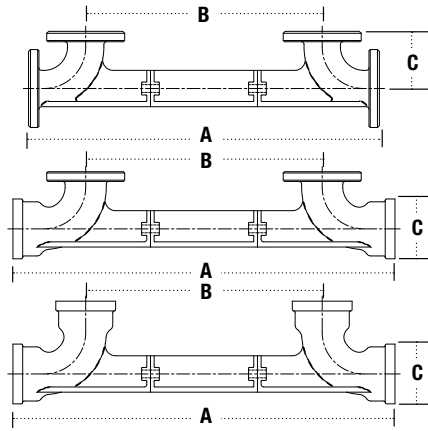
The information contained herein is not intended to replace the full product installation and safety information available or the experience of a trained product installer. You are required to thoroughly read all installation instructions and product safety information before beginning the installation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

*The wetted surface of this product contacted by consumable water contains less than 0.25% of lead by weight.

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.



Dimensions – Weights



Flange x Flange

SIZE								WEIGHT	
<i>in.</i>	<i>mm</i>	<i>in.</i>	<i>mm</i>	<i>in.</i>	<i>mm</i>	<i>in.</i>	<i>mm</i>	<i>lbs.</i>	<i>kgs.</i>
3"	80	33 ³ / ₄	857	22 ³ / ₄	578	5 ¹ / ₂	140	84	38
4"	100	37	940	24	610	6 ¹ / ₂	165	111	50
6"	150	49 ³ / ₄	1264	33 ³ / ₄	857	8	203	167	76
8"	200	58 ⁵ / ₈	1489	40 ⁵ / ₈	1032	9	229	272	123
10"	250	72	1829	50	1270	11	279	365	166
FOR USE WITH C400NBFG AND C500NBFG									
3"	80	35 ¹ / ₂	902	24 ¹ / ₂	622	5 ¹ / ₂	140	85	39
4"	100	39	991	26	660	6 ¹ / ₂	165	112	51
6"	150	51 ³ / ₄	1314	35 ³ / ₄	908	8	203	169	77

Mechanical Joint x Mechanical Joint

SIZE								WEIGHT	
<i>in.</i>	<i>mm</i>	<i>in.</i>	<i>mm</i>	<i>in.</i>	<i>mm</i>	<i>in.</i>	<i>mm</i>	<i>lbs.</i>	<i>kgs.</i>
3"	80	31 ³ / ₄	806	22 ³ / ₄	578	4 ¹ / ₂	114	80	36
4"	100	34	864	24	610	5	127	107	49
6"	150	46 ³ / ₄	1187	33 ³ / ₄	857	6 ¹ / ₂	165	175	79
8"	200	55 ⁵ / ₈	1413	40 ⁵ / ₈	1032	7 ¹ / ₂	191	260	118
10"	250	69	1753	50	1270	9 ¹ / ₂	241	343	156
FOR USE WITH C400NBFG AND C500NBFG									
3"	80	33 ¹ / ₂	851	24 ¹ / ₂	622	4 ¹ / ₂	114	81	37
4"	100	36	914	26	660	5	127	108	49
6"	150	48 ³ / ₄	1238	35 ³ / ₄	908	6 ¹ / ₂	165	177	80

Mechanical Joint x Flange

SIZE								WEIGHT	
<i>in.</i>	<i>mm</i>	<i>in.</i>	<i>mm</i>	<i>in.</i>	<i>mm</i>	<i>in.</i>	<i>mm</i>	<i>lbs.</i>	<i>kgs.</i>
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6"	150	48 ³ / ₄	1238	35 ³ / ₄	908	8	203	177	80

**IMPORTANT: INQUIRE WITH GOVERNING AUTHORITIES
FOR LOCAL INSTALLATION REQUIREMENTS**



A WATTS Brand

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