



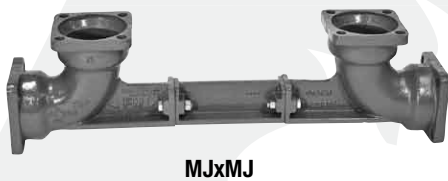
Series AVS

Valve Setters

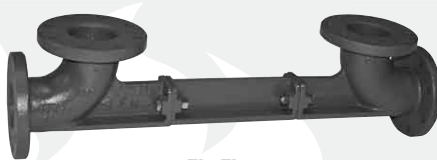
Used with N-Shape Assemblies

Sizes: 3" - 10" (80 - 250mm)

LEAD FREE*



MJxMJ



FLxFL



MJxFL

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

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.

Models

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

Pressure – Temperature

- Maximum Working Pressure: 175psi (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).

*The wetted surface of this product contacted by consumable water contains less than one quarter of one percent (0.25%) of lead by weight.

Job Name _____ Contractor _____

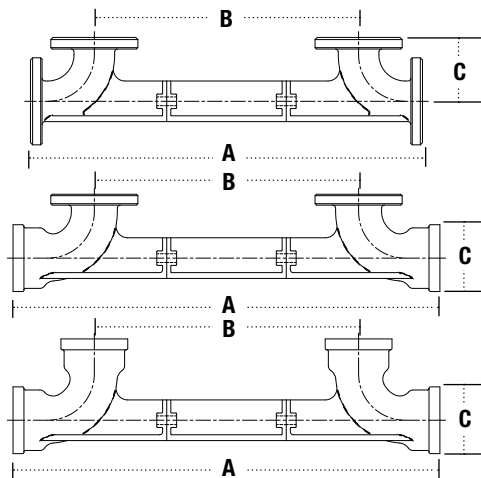
Job Location _____ Approval _____

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.

Dimensions – Weights



Flange x Flange

SIZE										WEIGHT		
in.	mm	in.	A	mm	in.	B	mm	in.	C	mm	lbs.	kgs.
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		
in.	mm	in.	A	mm	in.	B	mm	in.	C	mm	lbs.	kgs.
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		
in.	mm	in.	A	mm	in.	B	mm	in.	C	mm	lbs.	kgs.
3"	80	31 ³ / ₄		806	22 ³ / ₄		578	5 ¹ / ₂		140	80	36
4"	100	34		864	24		610	6 ¹ / ₂		165	107	49
6"	150	46 ³ / ₄		1187	33 ³ / ₄		857	8		203	175	79
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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**



www.amesfirewater.com



**ISO 9001-2000
CERTIFIED**

A Watts Water Technologies Company

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Control Valves- 18550 Hansen Road • Houston, TX 77075 • T: 713-943-0688 • F: 713-944-9445

Canada: 5435 North Service Rd. • Burlington, ONT. L7L 5H7 • T: 905-332-4090 • F: 905-332-7068

ES-A-AVS 0940

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