

For Commercial Applications

Job Name _____

Contractor _____

Job Location _____

Approval _____

Engineer _____

Contractor's P.O. No. _____

Approval _____

Representative _____

LEAD FREE*

Series WVS Valve Setters - Used with Watts SilverEagle™ N-Shape Assemblies

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

The Watts Series WVS valve setters are designed to augment the installation of the "N" series backflow prevention valves. The Series WVS 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

Models

FLxFL Flange by Flange

MJxFL Mechanical Joint by Flange

MJxMJ Mechanical Joint by Mechanical Joint

Pressure – Temperature

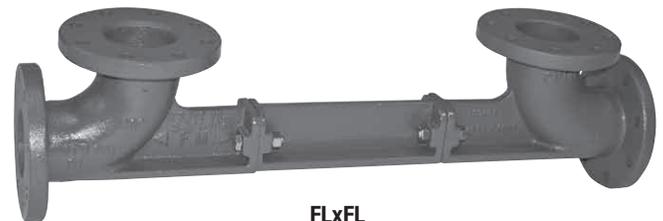
Maximum Working Pressure: 175psi (12.1 bar)

Temperature Range: 32° to 140° (0°C to 60°)

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).



FLxFL



MJxFL



MJxMJ

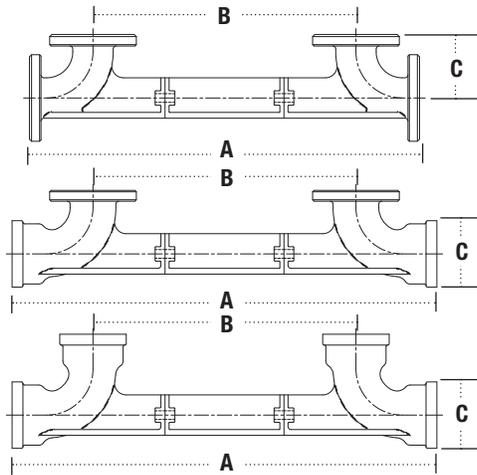
**IMPORTANT: INQUIRE WITH GOVERNING AUTHORITIES
FOR LOCAL INSTALLATION REQUIREMENTS**

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

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

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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 957N BFG AND 957N RPDA BFG												
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 957N BFG AND 957N RPDA BFG												
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
8"	200	55 ⁵ / ₈		1413	40 ⁵ / ₈		1032	9		229	260	118
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4"	100	36		914	26		660	6 ¹ / ₂		165	108	49
6"	150	48 ³ / ₄		1238	35 ³ / ₄		908	8		203	177	80

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A Watts Water Technologies Company



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