

Engineering Specification

Job Name _____

Contractor _____

Job Location _____

Approval _____

Engineer _____

Contractor's P.O. No. _____

Approval _____

Representative _____

Series BD911

Combination Bronze Dial Set Fill Valve and Backflow Preventer

Size: 1/2"

Series BD911 combination fill valve and backflow preventer consists of a Model 9D backflow preventer and Model BD1156F feed water pressure regulator in one pre-assembled unit. This valve is a high capacity valve designed for use on boiler feed lines to provide make-up water to the boiler and prevent backflow when supply pressure fails below system pressure and incorporates a unique push-button fast fill engagement with auto-stop that prevents over-pressurization.

Features

- Pre-assembled for ease of installation
- Push button fast fill with auto-stop to prevent system over-pressurization
- Dial indicator eliminates need for pressure gauge
- Same lay length as Watts 911
- High capacity fill valve for quick system filling and purging

Models

BD911T – all bronze body construction union 1/2" NPT inlet x 1/2" NPT outlet

BD911S – all bronze body construction union 1/2" union solder inlet x 1/2" NPT outlet

Specifications

A combination bronze dial set fill valve and backflow preventer shall be installed on the boiler feed line to provide make-up water to the boiler. The valve shall contain a Watts Regulator Model 9D backflow preventer and Model BD1156 dial set feed water pressure regulator. The combination fill valve and backflow preventer shall be a Watts Series BD911.



BD911T

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.

⚠ WARNING

It is illegal to use this product in any plumbing system providing water for human consumption, such as drinking or dishwashing, in the United States. Before installing standard material product, consult your local water authority, building and plumbing codes.

Pressure – Temperature

Maximum Temperature: 212°F (100°C)

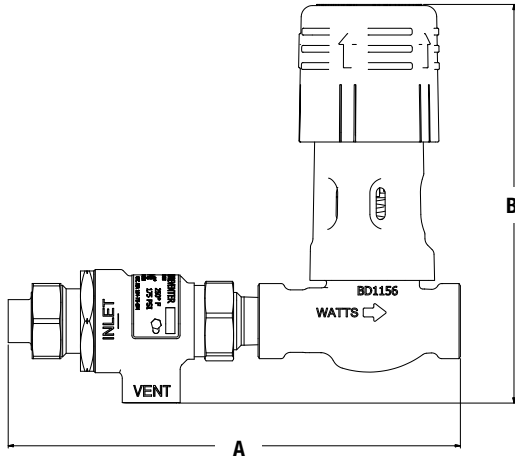
Maximum Working Pressure: 100psi (6.9 bars)

Adjustment Range: 8-21psi (55-145 kPa) with 25psi (172.4kPa) auto-stop fast fill

Factory set at 15psi (103.4 kPa)

Dial indicator +/- 2 psi

Dimensions – Weights



MODEL	SIZE	DIMENSIONS				WEIGHT	
		A		B		lbs.	kgs.
	<i>in.</i>	<i>in.</i>	<i>mm</i>	<i>in.</i>	<i>mm</i>		
BD911T	½	8	200	7	177	2.7	1.2
BD911S	½	8	200	7	177	2.7	1.2



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