

## For Residential and Commercial Applications

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" (15mm)**

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.



BD911

### 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.

## Pressure – Temperature

Maximum Temperature: 212°F (100°C)

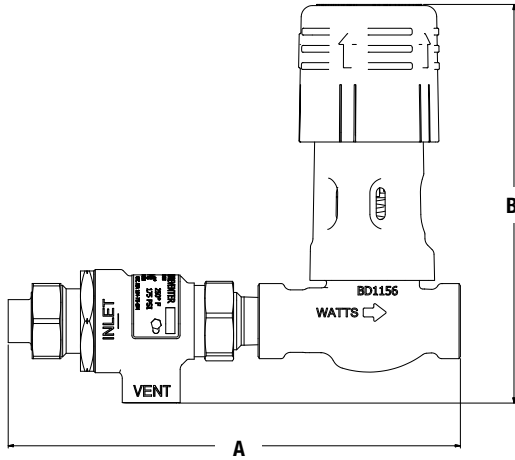
Maximum Working Pressure: 100psi (6.9 bars)

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 (DN)		DIMENSIONS				WEIGHT	
	<i>in.</i>	<i>mm</i>	A		B		<i>lbs.</i>	<i>kgs.</i>
BD911T	½	15	8	200	7	177	2.7	1.2
BD911S	½	15	8	200	7	177	2.7	1.2



USA: Tel: (978) 689-6066 • Fax: (978) 975-8350 • Watts.com

Canada: Tel: (905) 332-4090 • Fax: (905) 332-7068 • Watts.ca

Latin America: Tel: (52) 81-1001-8600 • Fax: (52) 81-8000-7091 • Watts.com