

# Series 1156F, 1450F (1/2")

## Feed Water Pressure Regulators and Dual Controls for Hot Water Boilers

- Used on boiler feed lines to provide make up water to the system
- Highest capacity performance
- Unique unitized construction for ease of maintenance

### Specifications

#### Feed water regulators

- Maximum Working Pressure: 100psi (689.5 kPa)
- Maximum Temperature: 212°F (100°C)

- Regulator set at 15psi (103.4 kPa), adjustment range 10-25psi (68.9-172.4 kPa)

For additional information, request literature ES-1156 or ES-1450F.

MODEL	SIZE (DN)		DIMENSIONS (APPROX.)				WEIGHT	
	in.	mm	A		B		lbs.	kgs.
<b>HIGH CAPACITY FEED WATER REGULATORS</b>								
1156F	1/2	15	3 1/2	89	5 3/8	137	2.1	0.95
1156F-A	1/2	15	3 1/2	89	5 3/4	146	2.1	0.95
T1156F	1/2	15	4 1/4	108	5 3/8	137	2.2	1.0
S1156F	1/2	15	4 1/8	105	5 3/8	137	2.3	1.0
B1156F*	1/2	15	3 1/2	89	5 3/8	137	2.1	1.0
SB1156F*	1/2	15	4 3/8	108	5 3/8	137	2.2	1.0
TB1156F*	1/2	15	4 1/8	105	5 3/8	137	2.3	1.0
N256*	3/4	20	4	100	6 3/8	162	3.5	1.6
<b>DUAL CONTROLS – REGULATOR AND RELIEF VALVE</b>								
1450F	1/2	15	6 1/2	165	5 3/8	137	3.3	1.5
T1450F	1/2	15	7 3/8	184	5 3/8	137	3.3	1.5
S1450F	1/2	15	7	178	5 3/8	137	3.5	1.6
<b>STRAINER, REGULATOR AND RELIEF VALVE</b>								
T145B*	1/2	15	4	100	6 3/8	162	3.3	1.5
<b>REGULATOR AND STRAINER</b>								
T156B*	1/2	15	8 1/2	216	5 3/8	137	2.5	1.1

\*Bronze Body



S1156F

### Models

**1156F/1156F** – A NPT threaded inlet and outlet

**1156F** – A 1/2" female bottom connection for installation of expansion tank

**S1156F** – union solder inlet

**T1156F** – union threaded inlet

**B1156** – bronze body with NPT threaded inlet and outlet

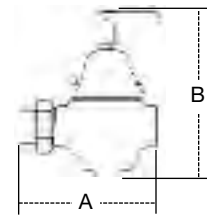
**SB1156F** – bronze body with union solder inlet

**TB1156F** – bronze body with union threaded inlet

**Series 1450F** – combines features of 1156F and rugged iron body diaphragm relief valve. Set @ 30psi

### Features

- High capacity fast fill and purge capability
- Built-in check and strainer
- Iron and bronze construction



# Series 911 (1/2")

## Combination Backflow Preventer and Fill Valve for Hot Water Boilers

- Used on boiler supply feed lines to provide make-up water to the boiler and prevent backflow when supply pressure falls below system pressure
- An assembly of Watts 9D Backflow Preventer and 1156F feed water pressure regulator

### Specifications

- Maximum Working Pressure: 100psi (689.5 kPa)
- Maximum Temperature: 212°F (100°C)
- Boiler fill valve set at 15psi (103.4 kPa) Adjustable range 10 – 25psi (68.9 – 172.4 kPa)

### Models

**911T** – NPT x NPT connections

**911S** – solder x NPT connections

**B911 (T) (S)** – all bronze construction

For additional information, request literature ES-911.

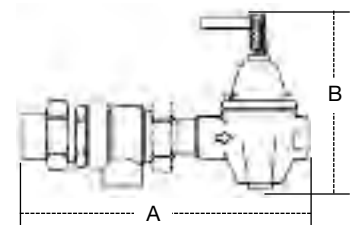
MODEL	SIZE (DN)		DIMENSIONS (APPROX.)				WEIGHT	
	in.	mm	A		B		lbs.	kgs.
911T	1/2	15	8 1/2	216	5 1/4	133	4.2	1.9
911S	1/2	15	8 1/2	216	5 1/4	133	4.2	1.9
B911T	1/2	15	8 1/2	216	5 1/4	133	4.2	1.9
B911S	1/2	15	8 1/2	216	5 1/4	133	4.2	1.9



911

### Features

- Pre-assembled for ease of installation
- Easy service accessibility
- High capacity fill valve for quick system filling and purging
- Size 1/2" x 1/2" (15 x 15mm)



For assistance, contact your local authorized Watts agent or visit our website at [www.watts.com](http://www.watts.com)