

For Residential and Commercial Applications

Job Name _____

Contractor _____

Job Location _____

Approval _____

Engineer _____

Contractor's P.O. No. _____

Approval _____

Representative _____

Series 1450F

Iron Body Dual Controls

Size: 1/2" (15mm)

Series 1450F iron body dual controls are designed to fill the boiler and system piping with water and to maintain water pressure in the system at all times. These valves also provide make up water to the system in the event of system leaks and come with an attached pressure relief valve set at 30psi (206.9 kPa). Series 1450F features a high capacity performance as well as unique simplified servicing accessibility for complete unitized maintenance.

Features

- Combination fill valve and safety pressure relief valve
- Choice of inlet connections (threaded, union solder or union threaded)
- Tight seating check valve
- Purge lever for manual purging
- High capacity
- Stainless steel strainer to protect the valve disc from fouling

Models

- 1450F – Threaded inlet connection
 T1450F – Union threaded inlet connection
 S1450F – Union solder inlet connection

Specifications

A dual control valve shall be installed on the boiler or where indicated on the plans to fill boiler piping with water and to provide make up water in the event of system leaks. The regulator shall have high capacity performance and a simplified servicing design. The valve shall have an attached safety pressure relief valve set at 30psi. The dual control shall be a Watts Regulator Company Series 1450F.

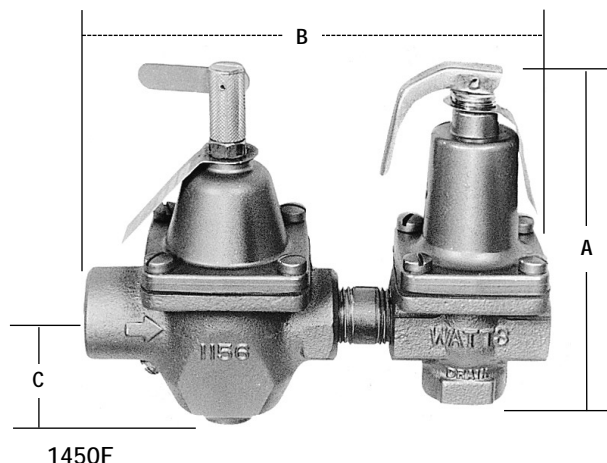
Pressure – Temperature

Maximum Temperature: 212°F (100°C)

Maximum Working Pressure: 100psi (6.9 bars)

Adjustment Range: 10 – 25psi (68.7 – 172.4 kPa) set at 15psi (103.4 kPa)

Relief Valve Setting: 30psi (206.9 kPa)



Dimensions — Weights

MODEL	SIZE (DN)		DIMENSIONS						WEIGHT	
	in.	mm	A		B		C		lbs.	kg.
1450F	1/2	15	5 ⁵ / ₁₆	135	6 ¹ / ₂	165	1 ⁵ / ₈	41	3.3	1.5
T1450F	1/2	15	5 ⁵ / ₁₆	135	7 ¹ / ₄	184	1 ⁵ / ₈	41	3.3	1.5
S1450F	1/2	15	5 ⁵ / ₁₆	135	7	178	1 ⁵ / ₈	41	3.3	1.5

USA: 815 Chestnut St., No. Andover, MA 01845-6098; www.wattsreg.com

Canada: 5435 North Service Rd., Burlington, ONT L7L 5H7; www.wattscda.com



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.