

For Low Pressure Steam Boilers and Process Equipment

Job Name _____

Contractor _____

Job Location _____

Approval _____

Engineer _____

Contractor's P.O. No. _____

Approval _____

Representative _____

Series 315

Steam Safety Valves

Size: 3/4" (20mm)

Series 315 ASME rated Steam Safety Relief Valves provide high quality dependable low cost protection for any low pressure steam heating equipment operating up to 15psi. Available at lower settings, such as 8psi for pressure cooker and steam cleaning equipment requirements. Consult your local Watts agent for ratings at lower pressure settings.

Series 315 features a bronze body and stainless steel spring. A top guided stem and non-stick PTFE® disc to metal seating ensures positive shutoff. Capacity at 15psi is 375 lbs./hr.

Features

- High capacity
- Positive shut off
- Non-sticking PTFE® disc
- Seat located above drain
- NPT threaded male inlet x threaded female outlet (drain) connection

Models

L – Extended inlet shank to accommodate thick insulation
SC – Satin chrome finish

Specifications

Steam Safety Relief Valve shall be installed on the boiler where noted on the plans. Valve shall be manufactured out of bronze with stainless steel spring, non-stick PTFE® disc, and metal seat. Valve shall have a maximum operating pressure of 15psi. Valve shall be a Watts Regulator Company Series 315.

Materials

Body: Bronze
Spring: Stainless Steel
Disc: Non-stick PTFE®
Seating: Bronze

Pressure — Temperature

Capacity at 15psi is 375 lbs./hr.

Approvals



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

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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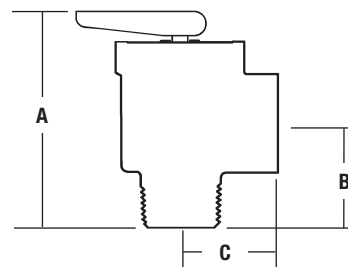
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ES-315-M2 1210



315-M2

Dimensions — Weights



SIZE (DN)		ASME STEAM Discharge Capacity lbs./hr. @ 15psi	DIMENSIONS						WEIGHT	
in.	mm		A		B		C		lbs.	kg.
3/4 x 3/4	20 x 20	375	2 3/4	70	1 3/8	35	1 1/4	32	.46	.21

WARNING

Following installation, the valve lever MUST be operated AT LEAST ONCE A YEAR to ensure that the water-ways are clear. Certain naturally occurring mineral deposits may adhere to the valve, rendering it inoperative. When manually operating the lever, water will discharge and precautions must be taken to avoid contact with hot water and to avoid water damage. **BEFORE operating lever,** check to see that a discharge line is connected to this valve directing the flow of hot water from the valve to a proper place of disposal otherwise personal injury may result. If no water flows, valve is inoperative. **CALL A PLUMBER IMMEDIATELY.**

This device is designed for emergency safety relief and shall not be used as an operating control.

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