

For Mixing Tempering Valve Applications

Job Name _____

Contractor _____

Job Location _____

Approval _____

Engineer _____

Contractor's P.O. No. _____

Approval _____

Representative _____

Series CS Check Stop Valves

Sizes: 1/2", 3/4", 1" (15, 20, 25mm)

Series CS check stop valves are designed for use at the hot and cold water inlet supplies for mixing and tempering valves. Series CS valves perform triple duty as: 1) isolation valves, 2) check valves, and 3) strainers. The union connections facilitate service and maintenance of both the valve and the strainer.

Series CS valves protect against cross flow of hot and cold water in the system and provide isolation of the mixing or tempering valve during servicing and maintenance of the valve and strainer. The integral fine strainer protects the valve from damaging dirt and other debris.

Features

- Performs triple duty as: 1) check valve, 2) shutoff valve, and 3) strainer
- Check valve function protects against hot and cold water supply cross flow.
- Shut-off function facilitates mixing valve service and strainer maintenance
- Strainer protects mixing valves from dirt and other debris
- Universal design eliminates left-hand/right-hand confusion

Materials

Body:	Bronze
O-rings:	EPDM
Strainer:	Stainless steel
Spring:	Stainless steel
Disc:	EPDM
Screw:	Brass



CS-S-UT



CS-T-UT

Specifications

Series CS combination check/stop/strainer valve shall be used at the hot and cold water inlets to the Watts L111 and MMV mixing valves. The combination check stop valve(s) shall be a Watts model CS/CSC (chrome plated), as indicated on the installation plans. The combination check stop valve(s) shall be of bronze construction, incorporating materials suitable for its intended use. The check stop valve(s) shall be fitted with a strainer to prevent large particulate matter from entering the valve. The check stop valve shall be fitted with a union connection to facilitate the removal of the mixing valve and the servicing of the strainer. The check stop valve(s) inlet connection shall be solder (-S)/threaded (-T). The outlet connection shall be solder (-US)/threaded (-UT). The check/stop/strainer valve(s) used shall be the Watts Series CS Check Stop valve.

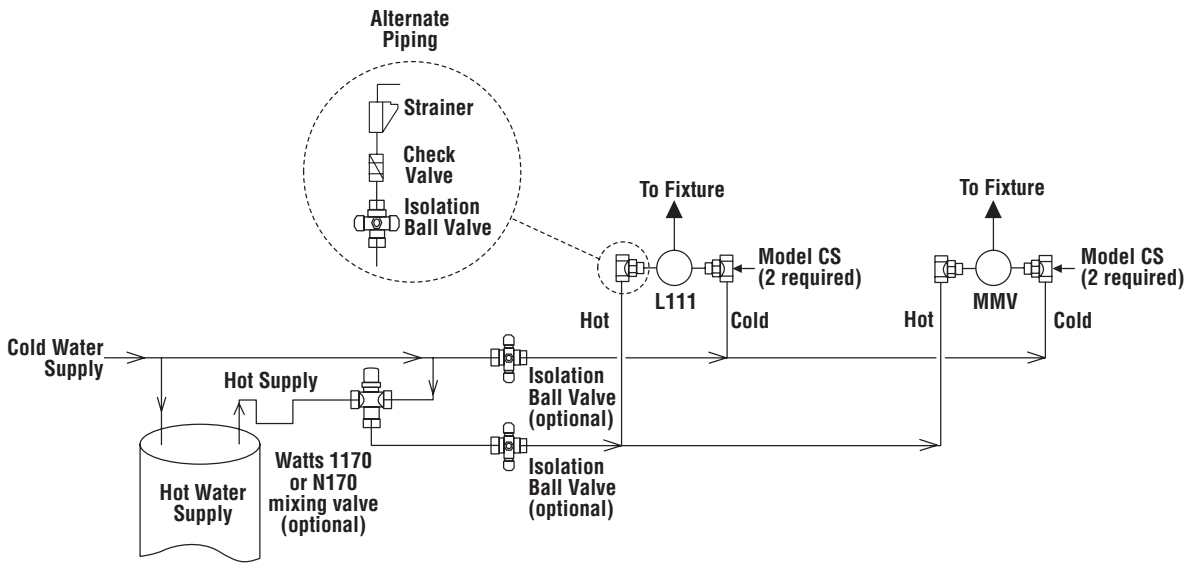
Pressure – Temperature

Maximum Working Pressure: 150psi (10.3 bar) at 225°F (107°C)

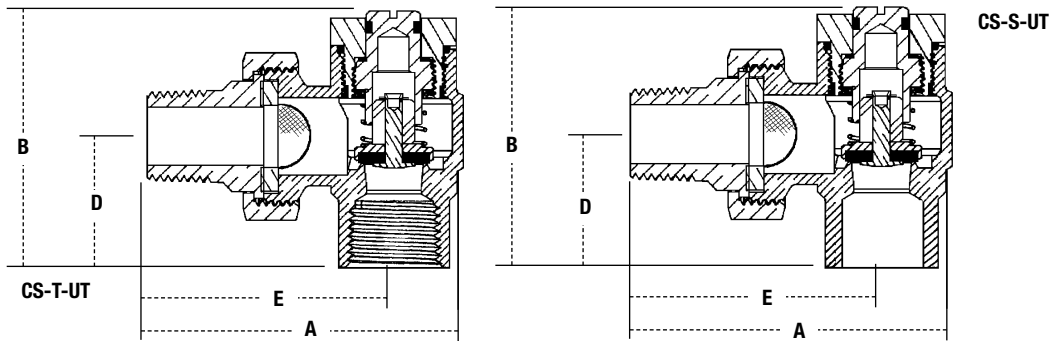
The Watts logo, consisting of the word "WATTS" in a bold, sans-serif font with a registered trademark symbol (®) to the right. The letters are black with a white outline.

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Installation



Dimensions – Weights



MODEL	SIZE (DN)				DIMENSIONS								WEIGHTS		UNION	
	INLET		OUTLET		A		B		D		E		oz.	gr.	Inlet	Outlet
	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm				
CS-S-UT	1/2	15	1/2	15	2 7/8	73	15/16	59	13/16	30	2 1/4	57	12	340	solder	MNPT
CS-T-UT	1/2	15	1/2	15	2 7/8	73	15/16	59	13/16	30	2 1/4	57	12	340	FNPT	MNPT
*CSC-S-UT	1/2	15	1/2	15	2 7/8	73	15/16	59	13/16	30	2 1/4	57	12	340	solder	MNPT
*CSC-T-UT	1/2	15	1/2	15	2 7/8	73	15/16	59	13/16	30	2 1/4	57	12	340	FNPT	MNPT
CS-S-US	3/4	20	3/4	20	3	76	2 11/16	68	1 3/8	35	2 5/16	59	17	482	solder	solder
CS-T-UT	3/4	20	3/4	20	3 1/4	83	2 11/16	68	1 3/8	35	2 9/16	65	17	482	FNPT	MNPT
*CSC-S-US	3/4	20	3/4	20	3	76	2 11/16	68	1 3/8	35	2 5/16	59	17	482	solder	solder
*CSC-T-UT	3/4	20	3/4	20	3 1/4	83	2 11/16	68	1 3/8	35	2 9/16	65	17	482	FNPT	MNPT
CS-T-UT	1	25	1	25	4	102	3 1/8	79	1 11/16	43	3 1/8	79	27	765	FNPT	MNPT
*CSC-T-UT	1	25	1	25	4	102	3 1/8	79	1 11/16	43	3 1/8	79	27	765	FNPT	MNPT

*Chrome plated



Water Safety & Flow Control Products



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