

Job Name _____

Contractor _____

Job Location _____

Approval _____

Engineer _____

Contractor's P.O. No. _____

Approval _____

Representative _____

Series HWA

Hot Water Angle Valves

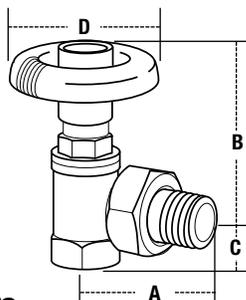
Sizes: 1/2" – 1 1/4"

Features

- Threaded x male union or sweat x male union
- Constructed of heavy duty bronze
- Rising stem
- Screwed-in bonnet
- Teflon® stem packing
- Bronze disc
- For use on gravity (hot water) heating systems only

Pressure – Temperature

Working Pressure Non-Shock
Hot Water 60psi



Dimensions – Weights

MODEL	SIZE	DIMENSIONS								WEIGHT	
		A		B		C		D		lbs	kgs.
	in.	in.	mm	in.	mm	in.	mm	in.	mm		
TxTMU	1/2	2 3/8	60	2 7/8	73	1 1/4	31	2 5/16	59	.73	.33
TxTMU	3/4	2 7/16	62	2 15/16	74	1 1/8	29	2 5/16	59	.88	.40
TxTMU	1	2 7/8	72	3 5/8	92	1 1/4	32	2 5/16	59	1.54	.70
TxTMU	1 1/4	3 1/4	82	3 13/16	97	1 7/16	36	2 5/16	59	2.12	.96
CxTMU	1/2	2 1/8	54	2 13/16	72	1	25	2 5/16	59	.68	.31
CxTMU	3/4	2 3/8	60	2 7/8	73	1 1/4	31	2 5/16	59	.84	.38

Teflon® is a registered trademark of the E.I. DuPont de Nemours & Company, Incorporated.

NOTICE

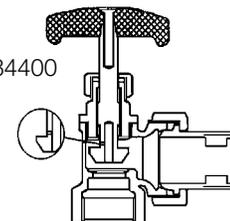
Inquire with governing authorities for local installation requirements

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.



Materials

- | | HWA |
|----------------|---|
| 1. Body | Bronze ASTM B584 C84400 |
| 2. Bonnet | Bronze ASTM B584 C84400 |
| 3. Stem | Brass ASTM B16 C36000 |
| 4. Disc | 1/2" – 3/4" Brass ASTM B16 C36000
1" – 1 1/4" Rubber NBR |
| 5. Disc Holder | Bronze ASTM B584 C84400 |
| 6. Packing Nut | Brass ASTM B16 |
| 7. Packing | Teflon® |
| 8. Handle | Plastic |
| 9. Screw | Steel AISI 1020 |
| 10. Union Nut | Bronze ASTM B584 C84400 |
| 11. Tailpiece | Forged Brass ASTM B124 C37700 |



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.

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