

For Residential and Commercial Applications

Job Name _____

Contractor _____

Job Location _____

Approval _____

Engineer _____

Contractor's P.O. No. _____

Approval _____

Representative _____

Series TWH

Tankless Water Heater Valves

Size: 3/4" (20mm)

Series TWH tankless water heater valves are designed to simplify the installation, maintenance and operation of tankless water heaters.

Features

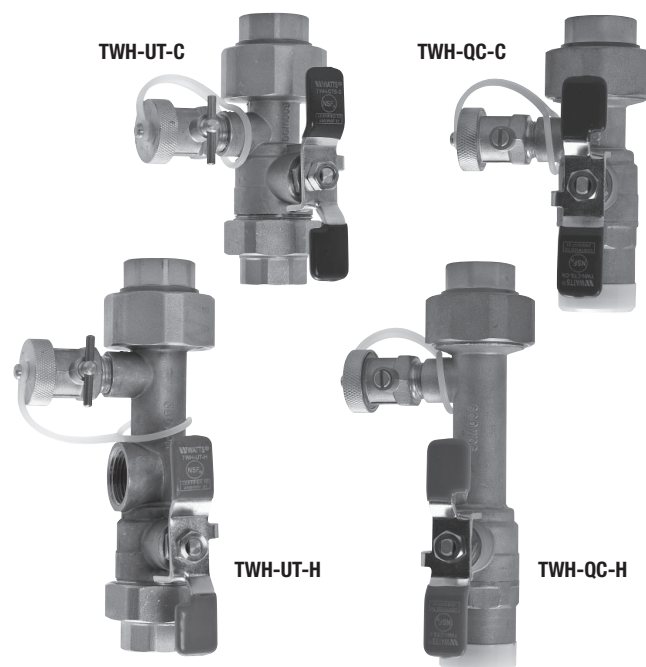
- 3/4" FPT unions for connection to water heater (all models)
- 3/4" FPT unions for connection to water lines (UT models)
- 3/4" Quick-Connect end connections to water lines (QT models)
- Full-port, quarter-turn ball valve with color-coded tee handle and union
- Quarter-turn purge and drain valve with hose connection and tethered brass cap
- Optional 3/4" pressure relief valve 150psi (10.3 bar)
- Optional integral spring check valve in cold water valves
- Hot and cold valves certified to NSF/ANSI 61
- Staggered connection points for ease of installation and access
- Valves are suitable for most tankless installations
- No additional adapters required
- 600 WOG rated

Models

Valve Sets

(One Hot Water and One Cold Water valve per set)

TWH-UT-HC	hot and cold water valve set, union connections
TWH-UT-HC-RV	hot and cold water valve set, union connections with relief valve
TWH-QC-HC	hot and cold water valve set, quick-connect x union end connections
TWH-QC-HC-RV	hot and cold water valve set, quick-connect x union end connections, with relief valve
TWH-UT-HCN	hot and cold water valve set, union connections, no check valve, no relief valve
TWH-UT-HCN-RV	hot and cold water valve set, union connections, no check valve, with relief valve
TWH-QC-HCN	hot and cold water valve set, quick-connect x union end connections, no check valve, no relief valve
TWH-QC-HCN-RV	hot and cold water valve set, quick-connect x union end connections, no check valve, with relief valve



Specifications

A tankless water heater valve shall be installed where indicated on the plans. The valve shall facilitate isolation of the water heater from the water lines, water heater purging, draining and a provision for a pressure relief valve. The valve shall be a Watts Regulator Company Series TWH.

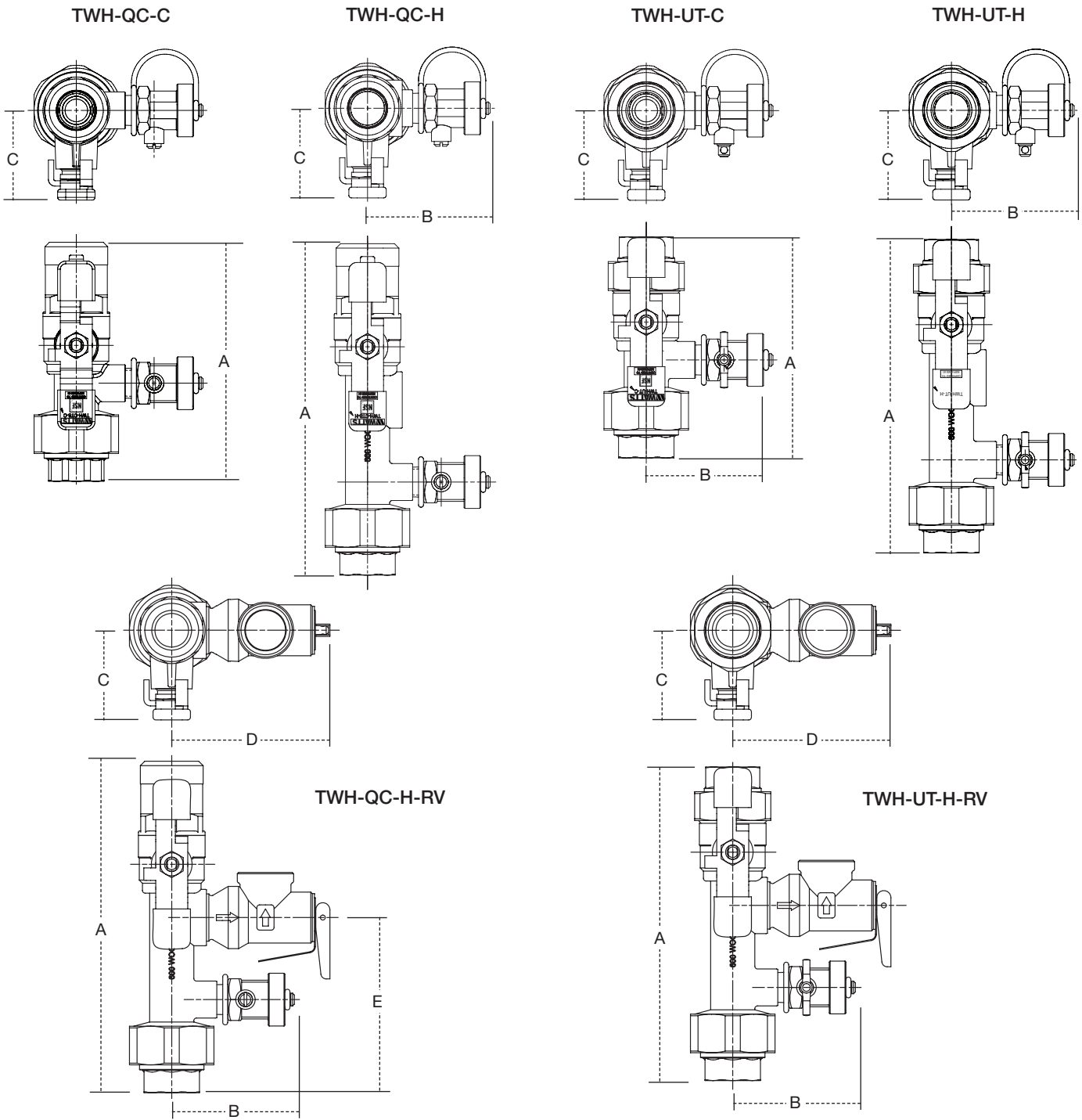
Materials

Body: Forged brass
Ball: Plated brass
Seats: Virgin PTFE

Single Valves (Hot or Cold)

TWH-UT-H	hot water shutoff valve, dual union connections
TWH-UT-C	cold water shutoff valve, integral check valve, dual union connections
TWH-UT-CN	cold water shutoff valve, dual union connections, no check valve
TWH-QC-H	hot water shutoff valve, union x quick-connect end connections
TWH-QC-C	cold water shutoff valve, integral check valve, quick-connect x union end connections
TWH-QC-CN	cold water shutoff valve, quick-connect x union end connections, no check valve

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.



Dimensions — Weights

MODEL	CONNECTIONS	DIMENSIONS										WEIGHT	
		A		B		C		D		E		lbs.	kgs.
		in.	mm	in.	mm	in.	mm	in.	mm	in.	mm		
TWH-UT-C	Union x Union	4 ¹⁵ / ₁₆	125	2 ³ / ₁₆	71	2	51	—	—	—	—	2.2	1.0
TWH-UT-H	Union x Union	6 ¹⁵ / ₁₆	177	2 ³ / ₄	69	2	51	—	—	—	—	2.5	1.1
TWH-QC-C	Quick-connect x Union	5 ⁵ / ₁₆	135	2 ¹³ / ₁₆	71	2	51	—	—	—	—	2.0	.9
TWH-QC-H	Union x Quick-connect	7 ³ / ₈	187	2 ³ / ₄	69	2	51	—	—	—	—	2.4	1.1
TWH-UT-H-RV	Union x Union	6 ¹⁵ / ₁₆	177	2 ³ / ₄	69	2	51	3 ¹ / ₂	89	3 ⁷ / ₈	99	2.5	1.1
TWH-QC-H-RV	Quick-connect x Union	7 ³ / ₈	187	2 ³ / ₄	69	2	51	3 ¹ / ₂	89	3 ⁷ / ₈	99	2.4	1.1

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CERTIFIED

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ES-TWH 0805

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