For Residential and Commercial Applications

Job Name _____ Contractor _____

Job Location _____ Approval _____

Engineer _____ Contractor's P.O. No. _____

Approval _____ Representative _____

LEAD FREE*

Series LFTWH

Tankless Water Heater Valves

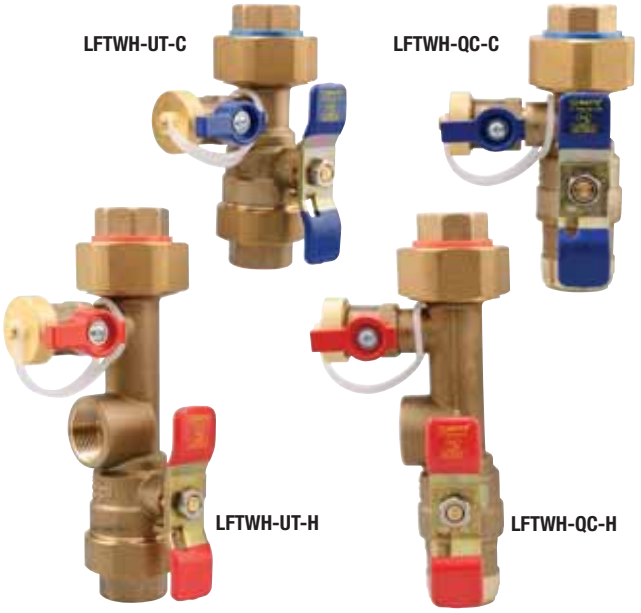
Sizes: ¾" (20mm) & 1" (25mm)

Series LFTWH tankless water heater valves are designed to simplify the installation, maintenance and operation of tankless water heaters. The LFTHW features Lead Free* construction to comply with Lead Free* installation requirements.

Features

- Lead Free* copper silicon alloy body
- FPT unions for connection to water heater (all models)
- FPT unions for connection to water lines (UT models)
- Quick-Connect end connections to water lines (QT models)
- FPT connection to water lines (FT models)
- Sweat connection to water lines (FS models)
- FPT/sweat unions for connection to water lines (UTS 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 ¾" 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

***The wetted surface of this product contacted by consumable water contains less than 0.25% of lead by weight.**



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 Lead Free* Tankless Water Heater Valves shall comply with state codes and standards, where applicable, requiring reduced lead content. The valve shall be a Watts Series LFTWH.

Materials

Body: Lead Free* copper silicon alloy body

Ball: Lead Free* brass

Seats: Virgin PTFE

Models

Model Nomenclature

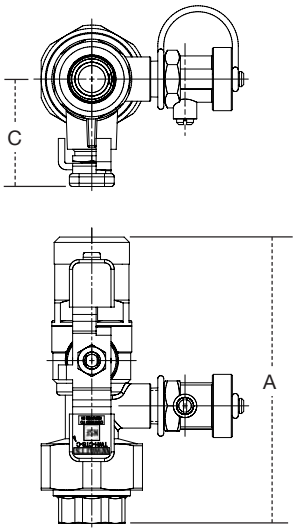
LFTWH			RV

LFTWH	tankless water heater
UT	union with female threaded tailpieces for connection to water lines
UTS	union with female threaded and sweat tailpieces for connection to water lines
QC	Quick-Connect fittings to water lines
FT	female pipe thread connection to water lines
FS	female sweat connection to water lines
H	hot water valve
C	cold water valve
CN	cold water valve without integral spring check
HC	hot and cold valve set
HCN	hot and cold valve set, no spring check
RV	150psi relief valve

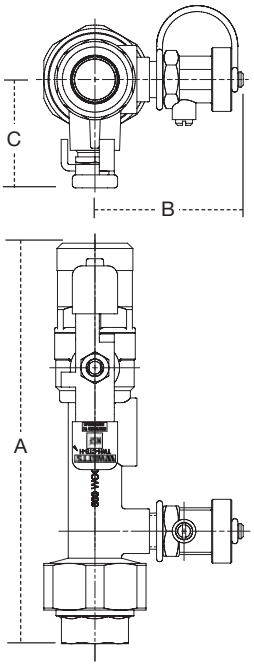
Watts product specifications in U.S. customary units and metric are approximate and are provided for reference only. For precise measurements, please contact Watts Technical Service. Watts reserves the right to change or modify product design, construction, specifications, or materials without prior notice and without incurring any obligation to make such changes and modifications on Watts products previously or subsequently sold.

WATTS®

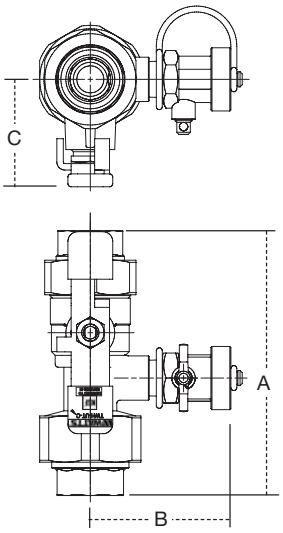
3/4" LFTWH-QC-C



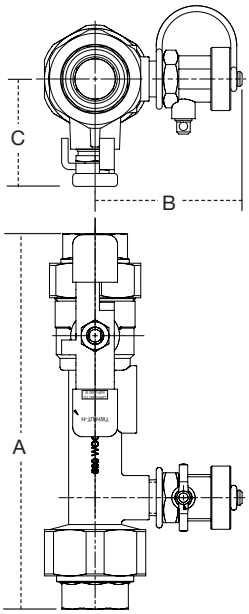
3/4" LFTWH-QC-H



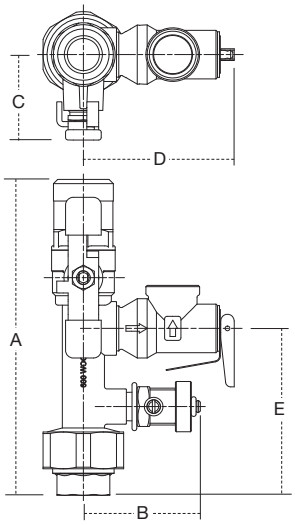
3/4" LFTWH-UT/UTS-C



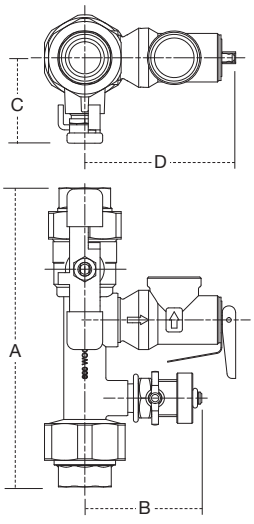
3/4" LFTWH-UT/UTS-H



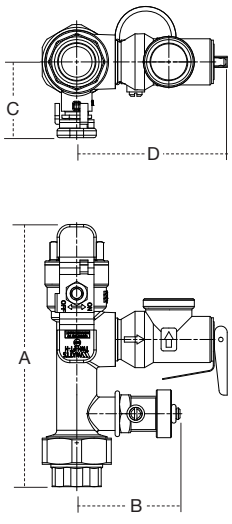
3/4" LFTWH-QC-H-RV



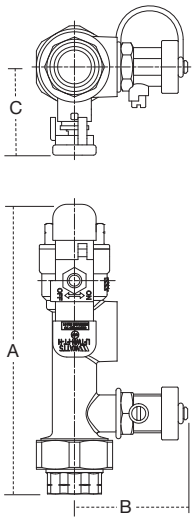
3/4" LFTWH-UT/UTS-H-RV



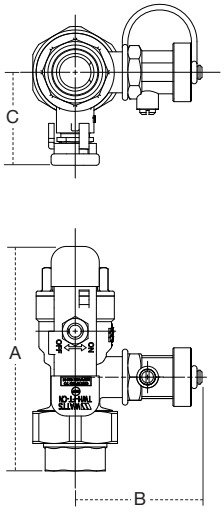
3/4" LFTWH-FT/FS-H-RV



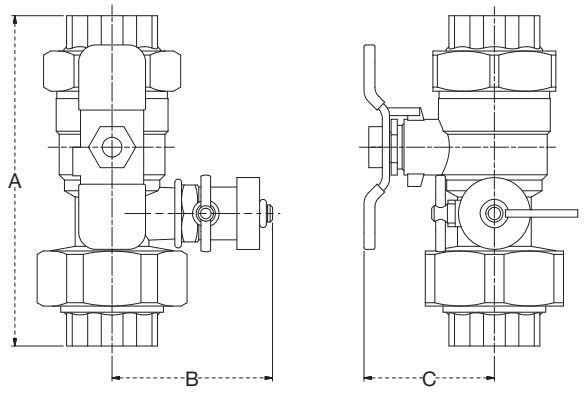
3/4" LFTWH-FT/FS-TS-H



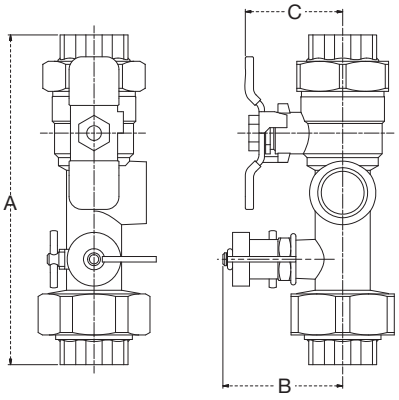
3/4" LFTWH-FT/FS-CN



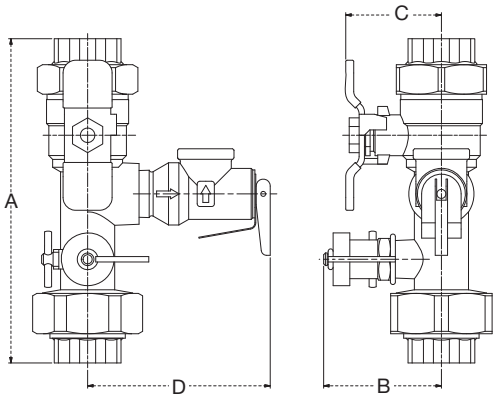
1" LFTWH-UT/UTS-CN



1" LFTWH-UT/UTS-H



1" LFTWH-UT/UTS-H-RV



Dimensions — Weights

SIZE (DN)		MODEL	CONNECTIONS	DIMENSIONS										WEIGHT	
				A		B		C		D		E			
in.	*mm*			*in.*	*mm*	*in.*	*mm*	*in.*	*mm*	*in.*	*mm*	*in.*	*mm*	*lbs.*	*kgs.*
¾"	20	LFTWH-UT-C	Union x Union	4 15/16	125	2 13/16	71	2	51	–	–	–	–	2.2	1.0
¾"	20	LFTWH-UT-H	Union x Union	6 15/16	177	2¾	69	2	51	–	–	–	–	2.5	1.1
¾"	20	LFTWH-QC-C	Quick-connect x Union	5 5/16	135	2 13/16	71	2	51	–	–	–	–	2.0	.9
¾"	20	LFTWH-QC-H	Union x Quick-connect	7⅜	187	2¾	69	2	51	–	–	–	–	2.4	1.1
¾"	20	LFTWH-UT-H-RV	Union x Union	6 15/16	177	2¾	69	2	51	3½	89	3⅞	99	2.5	1.1
¾"	20	LFTWH-QC-H-RV	Quick-connect x Union	7⅜	187	2¾	69	2	51	3½	89	3⅞	99	2.4	1.1
¾"	20	LFTWH-FT/FS-CN	Union x FPT/Sweat	4 1/16	103	2½	64	1⅞	47	–	–	–	–	1.9	0.9
¾"	20	LFTWH-FT/FS-H	Union x FPT/Sweat	6	152	2½	64	1⅞	47	3½	89	2 7/16	62	2.1	0.9
1"	25	LFTWH-UT/UTS-CN	Union x Union	5⅜	137	2⅝	66	2⅛	54	–	–	–	–	3.0	1.3
1"	25	LFTWH-UT/UTS-H	Union x Union	7 3/16	183	2⅝	66	2⅛	53	–	–	2⅝	66	3.3	1.5
1"	25	LFTWH-UT/UTS-H-RV	Union x Union	7 3/16	183	2⅝	66	2⅛	53	3 11/16	94	2⅝	66	3.8	1.7

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