

## Engineering Specification

Job Name \_\_\_\_\_  
 Job Location \_\_\_\_\_  
 Engineer \_\_\_\_\_  
 Approval \_\_\_\_\_

Contractor \_\_\_\_\_  
 Approval \_\_\_\_\_  
 Contractor's P.O. No. \_\_\_\_\_  
 Representative \_\_\_\_\_  
 SKU \_\_\_\_\_

# LEAD FREE\*

## Tankless Water Heater Gas Connection Kit

Kits are designed to simplify the installation, maintenance and operation of tankless water heaters. Kits includes everything you need to connect most tankless water heaters to your gas and water supply.

### Features and Specifications

#### LFTWH Tankless Water Heater Valves:

- ¾" FPT connection to water lines (75F Model)
- Full port, ¼ turn ball valves with color-coded tee handles and union for fast identification
- Integrated ¼ turn purge and drain valve allows for fast and easy testing and maintenance
- Pressure Relief Valve
- Valve set replaces up to 18 fittings and 16 connections used in typical tankless water heater installations
- Staggered connection points for ease of installation and access
- No additional adapters required
- NSF / ANSI 61 Certified
- 600 WOG Rated

#### High BTU Gas Connector:

- CSA Approved for indoor/outdoor use with stationary gas appliances / equipment
- Operating Temperatures with adapters: -40°F to 150°F
- 100% Leak Tested
- Exclusive No-Neck® design increases flexibility
- More corrugations per inch increase flexibility and extend service life
- Use with Natural and LP (propane) gases

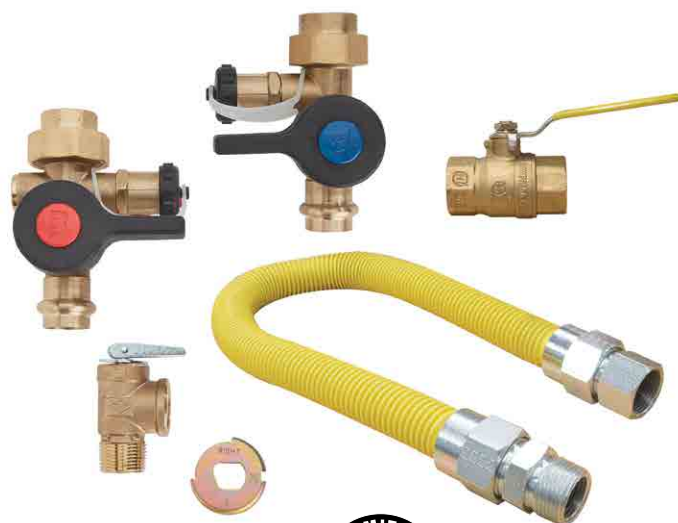
#### Full Port Gas Ball Valve:

- ¾" FPT x ¾" FPT
- CSA Approved and UL Listed
- Pressure Rating: 125 PSIG
- Temperature Rating: -40°F to 125°F

### Materials

#### LFTWH Tankless Water Heater Valves:

- Body: Lead Free copper silicon alloy body
- Ball: Lead Free brass
- Seats: PTFE



\*Applies to premium yellow gas connector only

#### High BTU Gas Connector:

- Tubing: Annealed, 304 stainless steel (ASTM A240), 1" OD (¾" ID)
- This gas connector features a premium antimicrobial coating to inhibit bacteria growth, improve corrosion and UV protection, and enhance flame and smoke resistance.
  - Premium antimicrobial coating for increased safety, durability, and longevity
  - Limited lifetime warranty – for details visit [www.watts.com/resources/warranty-information](http://www.watts.com/resources/warranty-information) Or the Antimicrobial, Hot Dipped Gray PVC Coating.
- Flare Nuts: Carbon steel; zinc trivalent chromate
- Adapters: Carbon steel; zinc trivalent chromate ¾" FIP and ¾" MIP (tapped ½" FIP)

#### Full Port Gas Ball Valve

- Body: Brass
- Seats: PTFE
- Ball: Brass (Chrome Plated)

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

Dormont product specifications in U.S. customary units and metric are approximate and are provided for reference only. For precise measurements, please contact Dormont Technical Service. Dormont 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 Dormont products previously or subsequently sold. Refer to the owner's manual for warranty information.

**Dormont**<sup>®</sup>  
 A WATTS Brand

## Models

### Model Nomenclature

<b>LFTV</b>	Lead Free Tankless Valve	
<b>75F</b>	3/4" Single Union Service Valve set: Female pipe thread connection to water line with 3/4" Pressure Relief Valve 150psi	
<b>Kit18</b>	High BTU Gas Connector: 1"OD (3/4"ID), 3/4" MIP x 3/4" FIP, 18" Long with 3/4" full-port gas ball valve	
<b>Kit24</b>	High BTU Gas Connector: 1"OD (3/4"ID), 3/4" MIP x 3/4" FIP, 24" Long with 3/4" full-port gas ball valve	
<b>NW</b>	UltraFlow Heavy Duty, Hot-Dipped Gray PVC Coating, Outdoor Installation (Gas Connector)	
<b>NW-CV</b>	SafetyShield® Enhanced Chemical Corrosion Protection Yellow Coating with Antimicrobial additive (Gas Connector)	

#### 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.

#### ⚠ WARNING

Installation and service **MUST** be performed by qualified installer. Read and follow all Dormont® safety, use, sizing, installation and care instructions and follow all building codes, construction standards, appliance manufacturer recommendations and instructions, and applicable ANSI standards



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