Engineering Specification

Contractor _

Approval ____

Representative ____

Job Name _

Job Location _____

Engineer ___

Approval ____



Aqua**Lo**ck[™]

AquaLock[™] Quarter-turn Water Supply Stops with push-to-connect Technology

Watts[®] AquaLock push-to-connect chrome plated brass fittings are designed and manufactured for many years of trouble free service. Brass fittings are manufactured from Lead Free* brass and incorporate the proven Watts AquaLock patented (7,354,079 B2) O-ring and Collet design which allows for quick and easy connections with-out the use of installation or disconnection tools. The Lead Free* chrome plated brass push to connect Supply Stops features Lead Free* construction to comply with Lead Free* installation requirements.

Features

- Available in angle and straight pattern
- 3/8" or 1/4" OD
- May be used on copper, CPVC, and PEX
- May be removed and reused

Models

| LFQC894A-M1 | 1/2" CTS x 3/8" O.D. Comp (Angle) |
|--------------|--------------------------------------|
| LFQC894S-M1 | 1/2" CTS x 3/8" O.D. Comp (Straight) |
| LFQC8945A-M1 | 1/2" CTS x 1/4" O.D. Comp (Angle) |
| LFQC8945S-M1 | 1/2" CTS x 1/4" O.D. Comp (Straight) |



Contractor's P.O. No.



Angle Pattern

Straight Pattern



| PRODUCT SUBMITTAL | | | | | | |
|-------------------|-----------|----------|--|--|--|--|
| Model No. | to Submit | Quantity | | | | |
| LFQC894A-M1 | | | | | | |
| LFQC894S-M1 | | | | | | |
| LFQC8945A-M1 | | | | | | |
| LFQC8945S-M1 | | | | | | |

A CAUTION

The polysulfone material used in the AquaLock[™] fittings can be compromised by exposure to volatile organic compounds (VOC's) and caustic chemicals. Therefore, **DO NOT** expose this product to any such chemical or foreign substance, which would include exposure to the following products: **Pipe Dopes (thread sealants)**, bug sprays, lubricants, cleaners, paints, bleaches, acids, solder fluxes, plastic piping primers and cements, oxidizing agents, alkaline solutions, thinners, fuels, oil based caulks, hydrocarbons, spray foam of foaming agents (insulation).

Watts also recommends only polytetrafluoroethylene (PTFE) tape for threaded connections.

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.

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

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.



Specification

Connection shall be made using Watts Brass AquaLock fittings with Integral Collet and O-ring guide. Fitting shall be able to fully rotate under pressure and allow for easy disconnect and reuse without tools. Lead Free* brass end stops shall comply with state codes and standards, where applicable, requiring reduced lead content.

Materials

| Body | Chrome plated brass |
|--------------|---------------------|
| Stem | Brass |
| Handle | Zinc, chrome plated |
| O-Ring | EPDM |
| Collet | Zytel |
| Collet Cover | HDPE |
| Pipe Insert | Polysulfone |

Pressure and Temperature

Maximum Pressure: 125psi (8.6 bar) Maximum Temperature: 160°F (71°C)

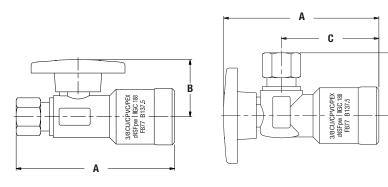
Approvals

R



This product meets the reduced Q test statistic criteria of 0.5 ppb for lead per Section 9.5.1.1 of NSF/ANSI/CAN 61

Dimensions



| MODEL NO. | А | | В | | C | | FINISH |
|--------------|-----|----|-----|----|-----|----|--------|
| | in. | тт | in. | mm | in. | mm | |
| LFQC894A-M1 | 3.0 | 75 | 1.2 | 30 | 1.9 | 47 | Chrome |
| LFQC894S-M1 | 3.1 | 78 | 1.1 | 28 | - | - | Chrome |
| LFQC8945A-M1 | 3.0 | 75 | 1.2 | 30 | 1.9 | 47 | Chrome |
| LFQC8945S-M1 | 3.1 | 78 | 1.1 | 28 | - | - | Chrome |

