

Job Name _____
 Job Location _____
 Engineer _____
 Approval _____

Contractor _____
 Approval _____
 Contractor's P.O. No. _____
 Representative _____

LEAD FREE*



AquaLock™ Brass Elbows

Lead Free* Brass push-to-connect Elbows

Sizes: 1/2" - 3/4"

Watts AquaLock push-to-connect brass elbows are designed and manufactured for many years of trouble free service. Watts AquaLock 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 without the use of installation or disconnection tools. The Lead Free* Brass push-to-connect Fittings features Lead Free* construction to comply with Lead Free* installation requirements. Watts AquaLock offers fittings that can be used on CVPC, PEX, Copper and now Schedule 40 PVC.

Specifications

Connection shall be made using Watts AquaLock Brass push-to-connect 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* push-to-connect fittings shall comply with state codes and standards, where applicable, requiring reduced lead content.

Approvals

ASSE 1061-2006, NSF/ANSI 14, NSF/ANSI 61, CSA B137.5, ASTM F877

Ratings

250psi @ 200°F (13.8 bar @ 93°C)

NOTICE

For compliance to ASSE 1061 a pipe insert (provided) must be used with each connection when joining PEX pipe.

A push ring clip is provided for each CTS connection and is intended to prevent accidental disconnection of fitting during pull-through installations while the system is unpressurized. To disconnect the fitting, manually remove the push ring clip and depress the push ring.



LF4717



LF4718



LF4722



LF4717R



LF4721



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.

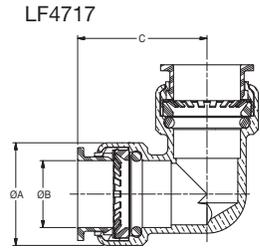
Watts product specifications in U.S. customary units and metric are approximate and are provided for reference only. For precise measurements, please contact Watts Technical Service. Watts reserves the right to change or modify product design, construction, specifications, or materials without prior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



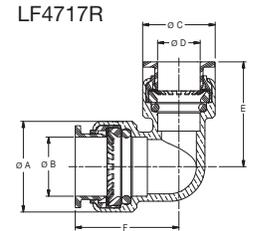
Dimensions – Weights – Weight and Dimensions are approximate (tolerance +/- 1/8)

Brass Elbows

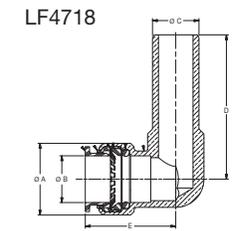
| MODEL | ORDERING CODE | SIZE & CONNECTION | DIMENSIONS | | | | | | ITEM WEIGHT | |
|--|---------------|-------------------|------------|------|-----|------|-------|------|-------------|------|
| | | | A | | B | | C | | lbs. | kgs. |
| | | | in. | mm | in. | mm | in. | mm | | |
| Pipe Type: CPVC, PEX, Copper Pipe | | | | | | | | | | |
| Elbows | | | | | | | | | | |
| Package Type: Single Pack | | | | | | | | | | |
| LF4717-08 | 0472061 | 3/8"CTS | 7/8 | 22.1 | 3/8 | 13 | 1 1/8 | 27.9 | 0.12 | 0.67 |
| LF4717-10 | 0472016 | 1/2"CTS | 1 | 27.1 | 1/2 | 16.2 | 1 3/8 | 34.7 | 1.48 | 0.67 |
| LF4717-14 | 0472017 | 3/4"CTS | 1 1/8 | 34.3 | 3/4 | 22.4 | 1 7/8 | 41.7 | 0.27 | 0.12 |
| LF4717-18 | 0472018 | 1"CTS | 1 3/8 | 42.3 | 1 | 29 | 2 | 48.6 | 0.47 | 0.21 |
| Package Type: Bulk Pack | | | | | | | | | | |
| LF4717-10CP | 0472066 | 1/2"CTS | 1 | 27.1 | 1/2 | 16.2 | 1 3/8 | 34.7 | 1.48 | 0.67 |
| LF4717-14CP | 0472067 | 3/4"CTS | 1 1/8 | 34.3 | 3/4 | 22.4 | 1 7/8 | 41.7 | 0.27 | 0.12 |



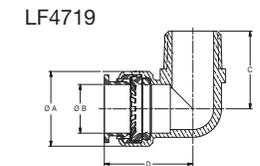
| MODEL | ORDERING CODE | SIZE & CONNECTION | DIMENSIONS | | | | | | | | | | | | ITEM WEIGHT | | | |
|--|---------------|-------------------|------------|------|-----|------|-------|------|-----|------|-------|------|-------|------|-------------|------|------|------|
| | | | A | | B | | C | | D | | E | | F | | lbs. | kgs. | | |
| | | | in. | mm | in. | mm | in. | mm | in. | mm | in. | mm | in. | mm | in. | mm | lbs. | kgs. |
| Pipe Type: CPVC, PEX, Copper Pipe | | | | | | | | | | | | | | | | | | |
| Reducing Elbows | | | | | | | | | | | | | | | | | | |
| LF4717R-1410 | 0472019 | 3/4"CTSx1/2"CTS | 1 1/8 | 34.2 | 3/4 | 22.4 | 1 | 27 | 1/2 | 16.1 | 1 1/2 | 38 | 1 1/2 | 38.6 | 0.21 | 0.09 | | |
| LF4717R-1814 | 0472020 | 1"CTSx3/4"CTS | 1 3/8 | 42.2 | 1 | 28.8 | 1 1/8 | 34.2 | 3/4 | 22.4 | 1 1/2 | 38.6 | 1 3/8 | 42.2 | 0.37 | 0.17 | | |



| MODEL | ORDERING CODE | SIZE & CONNECTION | DIMENSIONS | | | | | | | | | | ITEM WEIGHT | |
|--|---------------|-------------------|------------|------|-----|------|-------|------|-------|----|-------|------|-------------|------|
| | | | A | | B | | C | | D | | E | | lbs. | kgs. |
| | | | in. | mm | in. | mm | in. | mm | in. | mm | in. | mm | lbs. | kgs. |
| Pipe Type: CPVC, PEX, Copper Pipe | | | | | | | | | | | | | | |
| Stackable Elbows | | | | | | | | | | | | | | |
| LF4718-10 | 0472021 | 1/2"CTSx1/2"CTS | 1 | 27.1 | 1/2 | 16.2 | 1 1/8 | 33.4 | 2 1/8 | 55 | 1 1/2 | 35.4 | 0.19 | 0.17 |
| LF4718-14 | 0472022 | 3/4"CTSx3/4"CTS | 1 1/8 | 34.3 | 3/4 | 22.4 | 1 1/2 | 40.2 | 2 3/4 | 70 | 1 3/8 | 42.2 | 0.37 | 0.88 |
| LF4718-18 | 0472023 | 1"CTSx1"CTS | 1 3/8 | 42.3 | 1 | 29 | 18/9 | 47.9 | 3 | 75 | 2 | 49.9 | 0.48 | 0.22 |



| MODEL | ORDERING CODE | SIZE & CONNECTION | DIMENSIONS | | | | | | | | ITEM WEIGHT | |
|--|---------------|-------------------|------------|------|-----|------|-------|------|-------|------|-------------|------|
| | | | A | | B | | C | | D | | lbs. | kgs. |
| | | | in. | mm | in. | mm | in. | mm | in. | mm | lbs. | kgs. |
| Pipe Type: CPVC, PEX, Copper Pipe | | | | | | | | | | | | |
| Male Elbows | | | | | | | | | | | | |
| LF4719-1008 | 0472025 | 1/2"CTSx1/2"NPT | 1 | 27 | 1/2 | 16.1 | 1 1/8 | 30.8 | 1 1/8 | 33.7 | 0.18 | 0.08 |
| LF4719-1412 | 0472026 | 3/4"CTSx3/4"NPT | 1 1/8 | 34.2 | 3/4 | 22.4 | 1 1/2 | 37.1 | 1 1/2 | 38.6 | 0.18 | 0.08 |

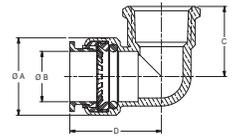


Continued Dimensions – Weights – Weight and Dimensions are approximate (tolerance +/- 1/8)

Brass Elbows

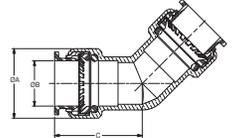
| MODEL | ORDERING CODE | SIZE & CONNECTION | DIMENSIONS | | | | | | | | ITEM WEIGHT | |
|--|---------------|-------------------|------------|------|-----|------|-------|------|-------|------|-------------|------|
| | | | A | | B | | C | | D | | lbs. | kgs. |
| | | | in. | mm | in. | mm | in. | mm | in. | mm | | |
| Pipe Type: CPVC, PEX, Copper Pipe | | | | | | | | | | | | |
| Female Elbows | | | | | | | | | | | | |
| LF4720-1008 | 0472028 | 1/2"CTSx1/2"NPT | 1 | 27 | 1/2 | 16.1 | 1 1/8 | 30.8 | 1 1/8 | 33.7 | 0.18 | 0.08 |
| LF4720-1412 | 0472029 | 3/4"CTSx3/4"NPT | 1 1/8 | 34.2 | 3/4 | 22.4 | 1 1/2 | 37.1 | 1 1/2 | 38.6 | 0.18 | 0.08 |

LF4720



| MODEL | ORDERING CODE | SIZE & CONNECTION | DIMENSIONS | | | | | | ITEM WEIGHT | |
|--|---------------|-------------------|------------|------|-----|------|-------|------|-------------|------|
| | | | A | | B | | C | | lbs. | kgs. |
| | | | in. | mm | in. | mm | in. | mm | | |
| Pipe Type: CPVC, PEX, Copper Pipe | | | | | | | | | | |
| Elbows 45° | | | | | | | | | | |
| LF4722-14 | 0472032 | 3/4"CTS | 1 1/8 | 34.3 | 3/4 | 22.4 | 1 1/8 | 42.2 | 0.27 | 0.12 |
| LF4722-18 | 0472033 | 1"CTS | 1 1/8 | 42.3 | 1 | 29 | 2 | 49.9 | 0.47 | 0.21 |

LF4722



| MODEL | ORDERING CODE | SIZE & CONNECTION | DIMENSIONS | | | | | |
|--|---------------|-------------------|------------|----|-----|----|-------|----|
| | | | A | | B | | C | |
| | | | in. | mm | in. | mm | in. | mm |
| Pipe Type: CPVC, PEX, Copper Pipe | | | | | | | | |
| Drop Ear Elbows | | | | | | | | |
| LF4721-1008 | 0472034 | 1/2"CTSx1/2"NPT | 1/2 | 16 | 1 | 27 | 1 1/4 | 33 |
| LF4721-10 | 0472104 | 1/2"CTSx1/2"CTS | 1/2 | 16 | 1 | 27 | 1 1/4 | 33 |

LF4721

