# Lead-free (LF) brass compression straight stop valves

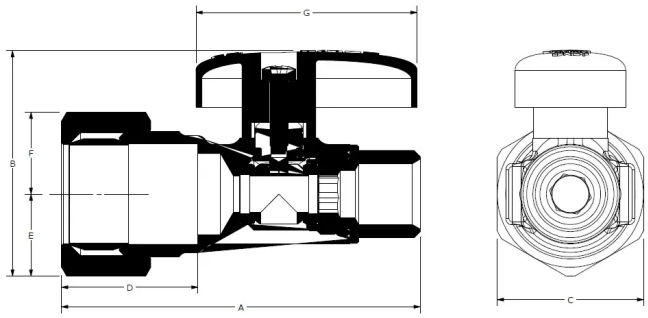
## Project information

| | |
|---|---|
| Job name: | Location: |
| Engineer: | Date submitted: |
| Contractor: | Submitted by: |
| Manufacturer's representative: | Approved by: |

## Product information and application use

For point-of-use shutoff at the fixture, compression straight and angle stop valves are lead-free (LF) brass, chrome-plated, quarter-turn ball valves that include a stainless-steel insert for compression connection to 1/2" Uponor AquaPEX® pipe and a 3/8" male threaded connection for fixture risers.

Note: Temperature and pressure ratings stated are hydrostatic ratings. For domestic hot-water (DHW) and DHW recirculation installations, operating conditions should not exceed 140°F (60°C) at 80 psi (5.5 bar) in accordance with ASTM F2023. For additional information regarding application-specific temperature and pressure ratings, refer to the Uponor PEX Piping Systems Design and Installation Manual.




| Part name | Part no. | A [inch] | B [inch] | C [inch] | Material group | Operating Temperature 1 [°F] | Operating Temperature 2 [°F] | Operating Temperature 3 [°F] | D [inch] | E [inch] | F [inch] |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1/2" Insert (stainless steel) | F5400500 | 1 | 0.61 | 0.61 | Stainless Steel | 73 °F (23 °C) at 160 psi (23 °C) | 180 | 200 | - | - | - |
| LF Brass Compression Straight Stop Valve with PEX Stiffener, 1/2" Comp. x 3/8" OD Comp. | LF5425038 | 2.306 | 1.439 | 0.937 | LF Brass | 194 °F (23 °C) at 145 psi (23 °C) | - | - | 0.88 | 0.52 | 0.52 |

| Part name | Part no. | G [inch] | End Type 1 | End Type 2 | Prop 65 label required? | Weight per UOM [lbs/UOM] |
|---|---|---|---|---|---|---|
| 1/2" Insert (stainless steel) | F5400500 | - | - | - | - | 0.01 |
| LF Brass Compression Straight Stop Valve with PEX Stiffener, 1/2" Comp. x 3/8" OD Comp. | LF5425038 | 1.42 | Compression | UNEF | Yes | 0.21 |

| Part name | Part no. | Codes | Standards | Listings |
|---|---|---|---|---|
| Lead-free (LF) brass compression straight stop valves | All | UPC\|IBC\|IRC\|IPC\|NPC of Canada\|UMC\|NSPC\|IMC | ASME A112.18.1\|NSF/ANSI/CAN 372\|ASTM F877\|ASTM F1960\|CSA B125\|CSA B137.5\|NSF/ANSI/CAN 61\|NSF/ANSI 14 | cNSFus-pw-G\|U.P.Code |

## Installation

Install valves according to local building code. Use only the stainless steel inserts supplied by Uponor with these compression stop valves. Substitution can result in valve connection failure. Do not dismantle. Refer to the Uponor PEX Piping Systems Design and Installation Manual or Uponor PEX Piping Systems Installation Guide for additional information. For rigid fixture riser connections, use the Uponor ⅜" OD Compression Nut and Nylon Sleeve (part number F5440380), sold separately.

## Related applications

PEX-a Plumbing Systems

## Footnotes

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## Contact information

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