BrassCraft®

# Gas Appliance & Water Heater Connectors

## Innovative solutions delivered

Better engineering, better selection, better results

GAS CONNECTORS | WATER HEATER CONNECTORS | GAS VALVES | EXCESS FLOW VALVES | TANKLESS SERVICE VALVES | INSTALLATION KITS

# The Professional's Head Start

Our clearly illustrated, easy-to-use catalogs are an important part of the BrassCraft leadership tradition – versatile, highly effective products that can help make your job easier and more rewarding. With BrassCraft catalogs by your side, finding and ordering the right plumbing products for every application is faster and simpler than ever before.

## WATER SUPPLIES

An invaluable, one-stop resource for plumbing professionals.

- Supply Stops
- Water Connectors
- Supply Kits
- Risers
- Fittings
- Special Finish

## GAS APPLIANCE & WATER HEATER CONNECTORS

A complete source for BrassCraft stainless steel gas connectors.

- Gas Connectors
- Water Heater Connectors
- Gas Valves
- Excess Flow Valves
- Tankless Service Valves
- Installation Kits

## BRASS FITTINGS

A comprehensive catalog featuring a full line of reliable, easy-to-install fittings and products.

- Flare
- Compression
- CPVC
- Iron Pipe
- Hose Barb
- Garden Hose
- Drain/Shut-off Cocks
- Needle & Humidifier Valves

# GAS APPLIANCE & WATER HEATER CONNECTORS

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# BrassCraft®

## American-Made Quality

Founded in 1946 by Robert Zell in Detroit, Michigan, BrassCraft Mfg. Co. innovated and perfected the one-piece water supply valve and the flexible water supply tube. Today these products have become the industry standard for residential and commercial plumbing projects. BrassCraft has headquarters and manufacturing facilities in the U.S. We continue to remain competitive through major investments in our manufacturing facilities and by employing American workers.

## State-of-the-Art Engineering and Manufacturing

In the competitive environment of manufacturing, we know that we must meet your specifications for cost and quality. Everything we make is engineered for efficient equipment utilization and quality checked to exacting standards. This commitment to quality parts manufactured to the highest standards in tolerance and finish, has earned us our reputation for excellence.

## Compliant Solutions for the 2014 No-Lead Law

As of January 4, 2014, Federal Public Law 111-380 prohibits the sale of plumbing fixtures with a wetted surface area containing more than a weighted average of 0.25% lead. This law virtually eliminates the lead content of pipes, pipe fittings, plumbing fittings and fixtures intended to convey or dispense water for drinking or cooking.

BrassCraft Manufacturing has met the new no-lead law head on with a comprehensive range of compliant products including water heater connectors and tankless service valves.

Look for the checkmark ✓ on packaging to verify that the product meets the new no-lead legislation requirements.

# The Latest Technology

When it comes to technology, BrassCraft Manufacturing has consistently led the industry. We understand the benefits of electronic commerce, and are constantly striving to implement the latest technologies to serve you better.

## EDI System

Saves time and ensures order accuracy by electronic order submission through our EDI (Electronic Data Interchange) system.

## SureCount™ Verification

Our SureCount™ shipping verification system improves efficiency in the distribution stream and reduces your receiving costs. Using state-of-the-art bar code technology, we verify outbound shipments to eliminate the need to double-check the shipment, saving you time and money.

## ROA Interface

BrassCraft's exclusive Remote Order Access system enables you to:

- Perform order entry and confirmation
- Check order status and ship dates
- Access invoices and packing slips
- Print packing lists
- Track shipments
- Online proof of delivery

## QR Barcodes

We employ QR (Quick Response) barcode technology on our packaging so customers can photo scan barcodes with their smart phones to access rich data about our products. These enhanced applications allow access to specifications, installation instructions and information to assist in the buying decision.

## Interactive Web

The streamlined, user-friendly site provides detailed information on the growing range of BrassCraft® plumbing supplies. Our website can be used with most handheld devices from smart phones, feature phones to tablet computers.

# The Professional's Choice®

When it comes to customized products to meet code or job requirements, BrassCraft offers the widest range of stop variations including metal stems, lock shields, stuffing boxes, and handle options. So when you need water supply products for any project, small or large, specify the brand that professionals worldwide have trusted for over 65 years – BrassCraft.

# The Best Service in the Industry

What good are the best products in the industry without the best service? We match our high manufacturing standards with an equally high standard for customer service. When you call BrassCraft, you're our number one priority. Our sales and service team is ready to answer your questions and fill your orders promptly and courteously.

# Part Numbering System

*Example:*

| C S S C | 5 4 E | - | 4 8 |
|---|---|---|---|
| Type | Size and Style | | Length |
| Coated Stainless Steel – 1/2" ID (5/8" OD) Tube | Safety+PLUS® Valve – 1/2" FIP (3/4" MIP) Inlet x 1/2" MIP Outlet | | 48" Nominal Length |

C S S C

Type

## Connector Type

**CSSB** Coated Stainless Steel - 3/4" ID (7/8" OD) Tube
**CSSC** Coated Stainless Steel - 1/2" ID (5/8" OD) Tube
**CSSD** Coated Stainless Steel - 3/8" ID (1/2" OD) Tube
**CSSL** Coated Stainless Steel - 1/4" ID (3/8" OD) Tube
**CSST** Coated Stainless Steel - 1/4" ID (3/8" OD) Tube, Fine Thread Nuts

**Black Connectors:**

**BCSSD** Black Coated Stainless Steel - 3/8" ID (1/2" OD) Tube
**BCSSL** Black Coated Stainless Steel - 1/4" ID (3/8" OD) Tube

5 4 E

Size and Style

## End Fitting/Valve Size and Style

**Fittings:**

**1** 3/4" MIP Straight (tapped 1/2" FIP)
**2** 3/4" FIP Straight
**3** 3/4" FIP Elbow
**4** 1/2" MIP Straight (tapped 3/8" FIP)
**5** 1/2" FIP Straight
**7** 3/8" MIP (tapped 1/8" FIP) Straight for CSSD and CSSL connectors only
**8** 3/8" FIP Straight for CSSD and CSSL connectors only
**9** 5/8" Female Flare Straight*
**10** 3/4" MIP Straight (tapped 1/2" Female Flare)*
**11** 1/2" MIP Straight (tapped 3/8" Female Flare)*
**12** 1" MIP Straight (tapped 3/4" FIP)
**14** 1" FIP Straight
**NN** Nut x Nut (connector sold less fittings)**

**Ball Valves:**

**J** 3/4" FIP Straight
**K** 1/2" FIP Straight
**M** 1/2" FIP Straight (for CSSL connectors only)
**P** 3/4" FIP Angle

***Note:*** **"E" suffix denotes Safety+PLUS® valve**

** Available in* Safety+PLUS® *only*
*** Non-Certified Gas Connector*

4 8

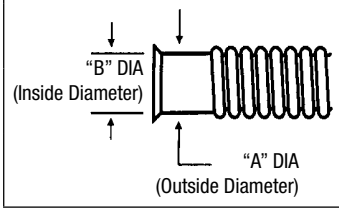
Length

## Nominal Connector Length in Inches

**Standard Lengths:** 12", 18", 24", 30", 36", 48", 60", and 72"

Nominal length includes adaptors. Connectors with valves are approximately 1" longer.

## Dimensional Data




| Connector Series | Size | | | | |
|---|---|---|---|---|---|
| | CSST | CSSL | CSSD | CSSC | CSSB |
| "A" Diameter Nom OD Tube | 3/8" | 3/8" | 1/2" | 5/8" | 7/8" |
| "B" Diameter Nom ID Tube | 1/4" | 1/4" | 3/8" | 1/2" | 3/4" |
| Flare Nut Thread | 3/8" OD Tube 9/16-24 Thread | 3/8" OD Tube 5/8-18 Thread | 1/2" OD Tube 3/4-16 Thread | 5/8" OD Tube 15/16-16 Thread | 7/8" OD Tube 1-1/16-16 Thread |

## Connector Flow Capacity – Per ANSI Z21.24 • CSA 6.10*

Connectors should be sized based upon the appliance gas consumption rate. Select a connector with a capacity equal to or greater than appliance input rate.

| Connector Series | Nominal Connector (Inch) | | STRAIGHT LENGTH CAPACITY - NATURAL GAS BTU PER HOUR | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | ID | OD | 12" | 18" | 24" | 30" | 36" | 48" | 60" | 72" |
| CSSL/CSST/BCSSL | 1/4 | 3/8 | 48,000 | 43,800 | 40,000 | 36,400 | 33,400 | 28,300 | 24,900 | 23,100 |
| CSSD/BCSSD | 3/8 | 1/2 | 102,000 | 93,100 | 85,000 | 77,100 | 71,100 | 60,500 | 53,200 | 49,100 |
| CSSC | 1/2 | 5/8 | 180,000 | 164,200 | 150,000 | 136,000 | 125,000 | 106,000 | 93,200 | 86,000 |
| CSSB | 3/4 | 7/8 | 290,900 | 290,900 | 290,900 | 270,500 | 255,900 | 215,000 | 197,400 | 173,900 |

| Connector Series | Nominal Connector (Inch) | | STRAIGHT LENGTH CAPACITY - LPG (PROPANE) BTU PER HOUR | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | ID | OD | 12" | 18" | 24" | 30" | 36" | 48" | 60" | 72" |
| CSSL/CSST/BCSSL | 1/4 | 3/8 | 76,800 | 70,080 | 64,000 | 58,240 | 53,440 | 45,280 | 39,840 | 36,960 |
| CSSD/BCSSD | 3/8 | 1/2 | 163,200 | 148,960 | 136,000 | 123,360 | 113,760 | 96,800 | 85,120 | 78,560 |
| CSSC | 1/2 | 5/8 | 288,000 | 262,720 | 240,000 | 217,600 | 200,000 | 169,600 | 149,120 | 137,600 |
| CSSB | 3/4 | 7/8 | 465,440 | 465,440 | 465,440 | 432,800 | 409,440 | 344,000 | 315,840 | 278,240 |

| Connector Series | Nominal Connector (Inch) | | STRAIGHT LENGTH CAPACITY - WATTS | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | ID | OD | 0.31m | 0.46m | 0.61m | 0.76m | 0.92m | 1.22m | 1.53m | 1.83m |
| CSSL/CSST/BCSSL | 1/4 | 3/8 | 14,067 | 12,837 | 11,723 | 10,668 | 9,789 | 8,294 | 7,297 | 6,770 |
| CSSD/BCSSD | 3/8 | 1/2 | 29,893 | 27,285 | 24,911 | 22,596 | 20,837 | 17,731 | 15,591 | 14,390 |
| CSSC | 1/2 | 5/8 | 52,752 | 48,122 | 43,961 | 39,858 | 36,634 | 31,066 | 27,314 | 25,380 |
| CSSB | 3/4 | 7/8 | 85,254 | 85,254 | 85,254 | 79,276 | 74,997 | 63,010 | 57,852 | 50,965 |

0.64 Sp Gr, 1000 Btu per cu. ft. (37.2 MJ/m3) gas at 0.5 inch water column (124Pa) pressure drop. Per ANSI Z21.24 • CSA 6.10 for use with pressures not to exceed 1/2 PSI.

*The flow capacities in the above charts are the minimum performance criterion established in ANSI Z21.24 • CSA 6.10 & ANSI Z21.75 • CSA 6.27. The flow capacity of BrassCraft connectors, regardless of end fitting or valve assembled, exceed these minimum flow requirements.

## Steel Fitting Torque Values – Per ANSI Z21.24 • CSA 6.10

| Tube | Torque (inch pounds)** | |
|---|---|---|
| | Minimum | Maximum |
| CSSL | 150 | 250 |
| CSSD | 200 | 390 |
| CSSC | 250 | 520 |
| CSSB | 400 | 780 |

**Torque range recommended to tighten gas connector

# Safety+PLUS®

*Coated Stainless Steel Gas Connectors with Patented Excess Flow Technology*

DESIGNED, MACHINED AND ASSEMBLED IN THE USA

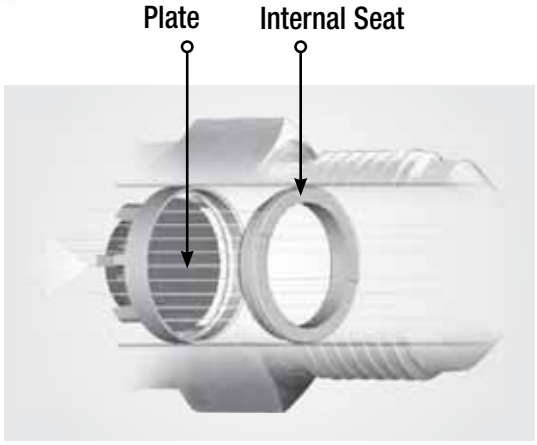
Safety+PLUS® gas connectors combine advanced corrosion protection with state-of-the-art excess-flow technology to deliver a superior gas connector for home and family.

**The Safety+PLUS® excess flow valve (EFV)** helps prevent gas fires and explosions due to line ruptures and disconnects at the appliance. When triggered, the Safety+PLUS valve immediately restricts gas flow to a non-hazardous level (bypass flow) to prevent dangerous release of gas into the home.

Gas flow is controlled at the appliance where the problem occurred; the rest of the home's system will continue to function. Once the gas line is properly repaired, the valve automatically restores normal gas flow to the appliance.

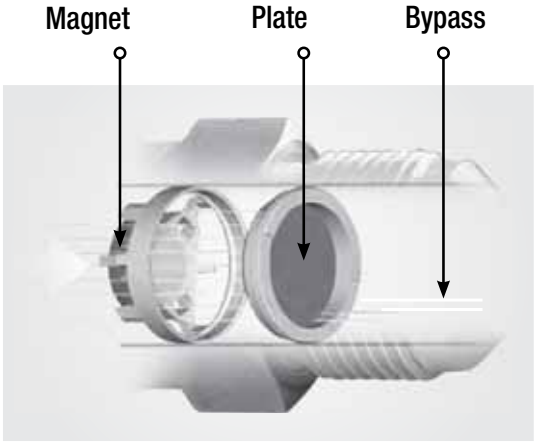
- Automatic Valve Activation
- CSA Certified
- 100% Performance Tested
- Automatic Reset

## Magnet-Based Technology




### Open

Under normal operating conditions, the magnet holds the plate in place, allowing full gas flow to the appliance.




### Activated

A gas line rupture results in unrestricted flow of gas, forcing the plate away from the magnet. The plate sits firmly against the seat, immediately restricting gas flow to less than 5 SCFH (bypass flow).

# GAS CONNECTORS

BrassCraft®

| PART NO. | UPC | DESCRIPTION | LENGTH | QTY | LBS |
|---|---|---|---|---|---|
| **1/2" ID (5/8" OD) - MIP x MIP** | | | | CSSC | |
| CSSC11E-12 | 026613143002 | 3/4" MIP (1/2" FIP Tap) EFV x 3/4" MIP (1/2" FIP Tap) | 12" | 25 | 22.0 |
| CSSC11E-18 | 026613143019 | 3/4" MIP (1/2" FIP Tap) EFV x 3/4" MIP (1/2" FIP Tap) | 18" | 25 | 24.0 |
| CSSC11E-24 | 026613143026 | 3/4" MIP (1/2" FIP Tap) EFV x 3/4" MIP (1/2" FIP Tap) | 24" | 25 | 26.0 |
| CSSC11E-30 | 026613143033 | 3/4" MIP (1/2" FIP Tap) EFV x 3/4" MIP (1/2" FIP Tap) | 30" | 25 | 28.0 |
| CSSC11E-36 | 026613119403 | 3/4" MIP (1/2" FIP Tap) EFV x 3/4" MIP (1/2" FIP Tap) | 36" | 25 | 27.7 |
| CSSC11E-48 | 026613119410 | 3/4" MIP (1/2" FIP Tap) EFV x 3/4" MIP (1/2" FIP Tap) | 48" | 25 | 31.9 |
| CSSC11E-60 | 026613126579 | 3/4" MIP (1/2" FIP Tap) EFV x 3/4" MIP (1/2" FIP Tap) | 60" | 12 | 17.9 |
| CSSC11E-72 | 026613126586 | 3/4" MIP (1/2" FIP Tap) EFV x 3/4" MIP (1/2" FIP Tap) | 72" | 12 | 19.7 |
| CSSC14E-12 | 026613143040 | 3/4" MIP (1/2" FIP Tap) EFV x 1/2" MIP | 12" | 25 | 19.0 |
| CSSC14E-18 | 026613143057 | 3/4" MIP (1/2" FIP Tap) EFV x 1/2" MIP | 18" | 25 | 22.0 |
| CSSC14E-24 | 026613143064 | 3/4" MIP (1/2" FIP Tap) EFV x 1/2" MIP | 24" | 25 | 24.0 |
| CSSC14E-30 | 026613143071 | 3/4" MIP (1/2" FIP Tap) EFV x 1/2" MIP | 30" | 25 | 26.0 |
| CSSC14E-36 | 026613119199 | 3/4" MIP (1/2" FIP Tap) EFV x 1/2" MIP | 36" | 25 | 26.3 |
| CSSC14E-48 | 026613119205 | 3/4" MIP (1/2" FIP Tap) EFV x 1/2" MIP | 48" | 25 | 29.9 |
| CSSC14E-60 | 026613143088 | 3/4" MIP (1/2" FIP Tap) EFV x 1/2" MIP | 60" | 12 | 17.0 |
| CSSC14E-72 | 026613128801 | 3/4" MIP (1/2" FIP Tap) EFV x 1/2" MIP | 72" | 12 | 17.9 |
| CSSC44E-12 | 026613143095 | 1/2" MIP EFV x 1/2" MIP | 12" | 25 | 19.0 |
| CSSC44E-18 | 026613143101 | 1/2" MIP EFV x 1/2" MIP | 18" | 25 | 22.0 |
| CSSC44E-24 | 026613143118 | 1/2" MIP EFV x 1/2" MIP | 24" | 25 | 24.0 |
| CSSC44E-30 | | 1/2" MIP EFV x 1/2" MIP | 30" | 25 | 26.0 |
| CSSC44E-36 | 026613119212 | 1/2" MIP EFV x 1/2" MIP | 36" | 25 | 25.8 |
| CSSC44E-48 | 026613119281 | 1/2" MIP EFV x 1/2" MIP | 48" | 25 | 29.5 |
| CSSC44E-60 | 026613119618 | 1/2" MIP EFV x 1/2" MIP | 60" | 12 | 15.9 |
| CSSC44E-72 | 026613126616 | 1/2" MIP EFV x 1/2" MIP | 72" | 12 | 18.8 |
| **1/2" ID (5/8" OD) - FIP x MIP** | | | | CSSC | |
| CSSC21E-12 | 026613143125 | 3/4" FIP EFV x 3/4" MIP (1/2" FIP Tap) | 12" | 25 | 20.0 |
| CSSC21E-18 | 026613143132 | 3/4" FIP EFV x 3/4" MIP (1/2" FIP Tap) | 18" | 25 | 22.0 |
| CSSC21E-24 | 026613143149 | 3/4" FIP EFV x 3/4" MIP (1/2" FIP Tap) | 24" | 25 | 24.0 |
| CSSC21E-30 | 026613143156 | 3/4" FIP EFV x 3/4" MIP (1/2" FIP Tap) | 30" | 25 | 26.0 |
| CSSC21E-36 | 026613119427 | 3/4" FIP EFV x 3/4" MIP (1/2" FIP Tap) | 36" | 25 | 27.7 |
| CSSC21E-48 | 026613119434 | 3/4" FIP EFV x 3/4" MIP (1/2" FIP Tap) | 48" | 25 | 31.3 |
| CSSC21E-60 | 026613126609 | 3/4" FIP EFV x 3/4" MIP (1/2" FIP Tap) | 60" | 12 | 17.7 |
| CSSC21E-72 | 026613126593 | 3/4" FIP EFV x 3/4" MIP (1/2" FIP Tap) | 72" | 12 | 19.5 |
| CSSC24E-12 | 026613143163 | 3/4" FIP EFV x 1/2" MIP | 12" | 25 | 19.0 |
| CSSC24E-18 | 026613143170 | 3/4" FIP EFV x 1/2" MIP | 18" | 25 | 21.0 |
| CSSC24E-24 | 026613143187 | 3/4" FIP EFV x 1/2" MIP | 24" | 25 | 23.0 |
| CSSC24E-30 | 026613143194 | 3/4" FIP EFV x 1/2" MIP | 30" | 25 | 25.0 |
| CSSC24E-36 | 026613119557 | 3/4" FIP EFV x 1/2" MIP | 36" | 25 | 26.2 |
| CSSC24E-48 | 026613119458 | 3/4" FIP EFV x 1/2" MIP | 48" | 25 | 29.8 |
| CSSC24E-60 | 026613125909 | 3/4" FIP EFV x 1/2" MIP | 60" | 12 | 17.0 |
| CSSC24E-72 | 026613143200 | 3/4" FIP EFV x 1/2" MIP | 72" | 12 | 19.0 |

Note: Connectors 12" - 48" available bulk 12/carton on request. Connectors also available in poly bags 5/carton.
If your requirements are not listed, please request a special quotation from the nearest BrassCraft office.
UPC code will be provided at time of shipment.

| PART NO. | UPC | DESCRIPTION | LENGTH | QTY | LBS |
|---|---|---|---|---|---|
| **1/2" ID (5/8" OD) - FIP x MIP (cont.)** | | | | | **CSSC** |
| CSSC54E-12 | 026613143217 | 1/2" FIP (3/4" MIP) EFV x 1/2" MIP | 12" | 25 | 19.0 |
| CSSC54E-18 | 026613143224 | 1/2" FIP (3/4" MIP) EFV x 1/2" MIP | 18" | 25 | 21.0 |
| CSSC54E-24 | 026613143231 | 1/2" FIP (3/4" MIP) EFV x 1/2" MIP | 24" | 25 | 23.0 |
| CSSC54E-30 | 026613143248 | 1/2" FIP (3/4" MIP) EFV x 1/2" MIP | 30" | 25 | 25.0 |
| CSSC54E-36 | 026613119229 | 1/2" FIP (3/4" MIP) EFV x 1/2" MIP | 36" | 25 | 26.3 |
| CSSC54E-48 | 026613119465 | 1/2" FIP (3/4" MIP) EFV x 1/2" MIP | 48" | 25 | 29.9 |
| CSSC54E-60 | 026613125534 | 1/2" FIP (3/4" MIP) EFV x 1/2" MIP | 60" | 12 | 16.1 |
| CSSC54E-72 | 026613143255 | 1/2" FIP (3/4" MIP) EFV x 1/2" MIP | 72" | 12 | 19.0 |

| | | | | | |
|---|---|---|---|---|---|
| **1/2" ID (5/8" OD) - FIP x FIP** | | | | | **CSSC** |
| CSSC22E-12 | 026613143262 | 3/4" FIP EFV x 3/4" FIP | 12" | 25 | 19.0 |
| CSSC22E-18 | 026613143279 | 3/4" FIP EFV x 3/4" FIP | 18" | 25 | 21.0 |
| CSSC22E-24 | 026613143286 | 3/4" FIP EFV x 3/4" FIP | 24" | 25 | 23.0 |
| CSSC22E-30 | 026613143293 | 3/4" FIP EFV x 3/4" FIP | 30" | 25 | 25.0 |
| CSSC22E-36 | 026613119533 | 3/4" FIP EFV x 3/4" FIP | 36" | 25 | 25.9 |
| CSSC22E-48 | 026613119441 | 3/4" FIP EFV x 3/4" FIP | 48" | 25 | 29.5 |
| CSSC22E-60 | 026613119540 | 3/4" FIP EFV x 3/4" FIP | 60" | 12 | 15.7 |
| CSSC22E-72 | 026613127729 | 3/4" FIP EFV x 3/4" FIP | 72" | 12 | 17.7 |

| | | | | | |
|---|---|---|---|---|---|
| **1/2" ID (5/8" OD) - FIP X FIP** | | | | | **CSSC** |
| CSSC55E-12 | 026613143309 | 1/2" FIP (3/4" MIP) EFV x 1/2" FIP | 12" | 25 | 19.0 |
| CSSC55E-18 | 026613143316 | 1/2" FIP (3/4" MIP) EFV x 1/2" FIP | 18" | 25 | 21.3 |
| CSSC55E-24 | 026613160146 | 1/2" FIP (3/4" MIP) EFV x 1/2" FIP | 24" | 25 | 23.3 |
| CSSC55E-30 | 026613143323 | 1/2" FIP (3/4" MIP) EFV x 1/2" FIP | 30" | 25 | 25.0 |
| CSSC55E-36 | 026613119236 | 1/2" FIP (3/4" MIP) EFV x 1/2" FIP | 36" | 25 | 25.8 |
| CSSC55E-48 | 026613119298 | 1/2" FIP (3/4" MIP) EFV x 1/2" FIP | 48" | 25 | 29.4 |
| CSSC55E-60 | 026613119625 | 1/2" FIP (3/4" MIP) EFV x 1/2" FIP | 60" | 12 | 15.9 |
| CSSC55E-72 | 026613128405 | 1/2" FIP (3/4" MIP) EFV x 1/2" FIP | 72" | 12 | 17.6 |

| | | | | | |
|---|---|---|---|---|---|
| **1/2" ID (5/8" OD) - Female Flare x MIP** | | | | | **CSSC** |
| CSSC91E-12 | 026613143330 | 5/8" OD Female Flare EFV x 3/4" MIP (1/2" FIP Tap) | 12" | 25 | 20.0 |
| CSSC91E-18 | 026613143347 | 5/8" OD Female Flare EFV x 3/4" MIP (1/2" FIP Tap) | 18" | 25 | 22.0 |
| CSSC91E-24 | 026613143354 | 5/8" OD Female Flare EFV x 3/4" MIP (1/2" FIP Tap) | 24" | 25 | 24.0 |
| CSSC91E-30 | 026613143361 | 5/8" OD Female Flare EFV x 3/4" MIP (1/2" FIP Tap) | 30" | 25 | 26.0 |
| CSSC91E-36 | 026613143378 | 5/8" OD Female Flare EFV x 3/4" MIP (1/2" FIP Tap) | 36" | 25 | 28.0 |
| CSSC91E-48 | 026613143385 | 5/8" OD Female Flare EFV x 3/4" MIP (1/2" FIP Tap) | 48" | 25 | 31.0 |
| CSSC91E-60 | 026613143392 | 5/8" OD Female Flare EFV x 3/4" MIP (1/2" FIP Tap) | 60" | 12 | 17.9 |
| CSSC91E-72 | 026613143408 | 5/8" OD Female Flare EFV x 3/4" MIP (1/2" FIP Tap) | 72" | 12 | 20.0 |
| CSSC94E-12 | 026613143422 | 5/8" OD Female Flare EFV x 1/2" MIP | 12" | 25 | 19.0 |
| CSSC94E-18 | 026613143439 | 5/8" OD Female Flare EFV x 1/2" MIP | 18" | 25 | 22.0 |
| CSSC94E-24 | 026613143446 | 5/8" OD Female Flare EFV x 1/2" MIP | 24" | 25 | 24.0 |
| CSSC94E-30 | 026613143453 | 5/8" OD Female Flare EFV x 1/2" MIP | 30" | 25 | 26.0 |
| CSSC94E-36 | 026613143460 | 5/8" OD Female Flare EFV x 1/2" MIP | 36" | 25 | 28.0 |
| CSSC94E-48 | 026613143477 | 5/8" OD Female Flare EFV x 1/2" MIP | 48" | 25 | 32.0 |
| CSSC94E-60 | 026613143484 | 5/8" OD Female Flare EFV x 1/2" MIP | 60" | 12 | 16.0 |

| PART NO. | UPC | DESCRIPTION | LENGTH | QTY | LBS |
|---|---|---|---|---|---|
| **1/2" ID (5/8" OD) - Female Flare x MIP (cont.)** | | | | **CSSC** | |
| CSSC94E-72 | 026613143491 | 5/8" OD Female Flare EFV x 1/2" MIP | 72" | 12 | 19.0 |
| **1/2" ID (5/8" OD) - Gas Ball Valve w/Fem Flare x MIP** | | | | **CSSC** | |
| CSSCJ4E-12 P20 | 026613143507 | 3/4" FIP Gas Ball Valve w/ 5/8" OD Female Flare EFV x 1/2" MIP | 12" | 20 | 31.0 |
| CSSCJ4E-18 P20 | 026613143514 | 3/4" FIP Gas Ball Valve w/ 5/8" OD Female Flare EFV x 1/2" MIP | 18" | 20 | 23.0 |
| CSSCJ4E-24 P20 | 026613128269 | 3/4" FIP Gas Ball Valve w/ 5/8" OD Female Flare EFV x 1/2" MIP | 24" | 20 | 31.1 |
| CSSCJ4E-36 P20 | 026613143521 | 3/4" FIP Gas Ball Valve w/ 5/8" OD Female Flare EFV x 1/2" MIP | 36" | 20 | 39.0 |
| CSSCJ4E-48 P20 | 026613134482 | 3/4" FIP Gas Ball Valve w/ 5/8" OD Female Flare EFV x 1/2" MIP | 48" | 20 | 36.8 |
| CSSCJ4E-60 P12 | 026613143538 | 3/4" FIP Gas Ball Valve w/ 5/8" OD Female Flare EFV x 1/2" MIP | 60" | 12 | 23.0 |
| CSSCJ4E-72 P12 | 026613143545 | 3/4" FIP Gas Ball Valve w/ 5/8" OD Female Flare EFV x 1/2" MIP | 72" | 12 | 26.0 |
| CSSCK4E-12 P20 | 026613143552 | 1/2" FIP Gas Ball Valve w/ 5/8" OD Female Flare EFV x 1/2" MIP | 12" | 20 | 30.0 |
| CSSCK4E-18 P20 | 026613143569 | 1/2" FIP Gas Ball Valve w/ 5/8" OD Female Flare EFV x 1/2" MIP | 18" | 20 | 33.0 |
| CSSCK4E-24 P20 | 026613128283 | 1/2" FIP Gas Ball Valve w/ 5/8" OD Female Flare EFV x 1/2" MIP | 24" | 20 | 30.2 |
| CSSCK4E-36 P20 | 026613128290 | 1/2" FIP Gas Ball Valve w/ 5/8" OD Female Flare EFV x 1/2" MIP | 36" | 20 | 32.9 |
| CSSCK4E-48 P20 | 026613134543 | 1/2" FIP Gas Ball Valve w/ 5/8" OD Female Flare EFV x 1/2" MIP | 48" | 20 | 35.9 |
| CSSCK4E-60 P12 | 026613143576 | 1/2" FIP Gas Ball Valve w/ 5/8" OD Female Flare EFV x 1/2" MIP | 60" | 12 | 26.0 |
| CSSCK4E-72 P12 | 026613134536 | 1/2" FIP Gas Ball Valve w/ 5/8" OD Female Flare EFV x 1/2" MIP | 72" | 12 | 25.1 |
| **3/8" ID (1/2" OD) - MIP x MIP** | | | | **CSSD** | |
| CSSD44E-12 | 026613126623 | 1/2" MIP EFV x 1/2" MIP (3/8" FIP Tap) | 12" | 25 | 14.4 |
| CSSD44E-18 | 026613119472 | 1/2" MIP EFV x 1/2" MIP (3/8" FIP Tap) | 18" | 25 | 15.9 |
| CSSD44E-24 | 026613119359 | 1/2" MIP EFV x 1/2" MIP (3/8" FIP Tap) | 24" | 25 | 17.3 |
| CSSD44E-30 | 026613119564 | 1/2" MIP EFV x 1/2" MIP (3/8" FIP Tap) | 30" | 25 | 18.5 |
| CSSD44E-36 | 026613119366 | 1/2" MIP EFV x 1/2" MIP (3/8" FIP Tap) | 36" | 25 | 20.0 |
| CSSD44E-48 | 026613119571 | 1/2" MIP EFV x 1/2" MIP (3/8" FIP Tap) | 48" | 25 | 22.5 |
| CSSD44E-60 | 026613126630 | 1/2" MIP EFV x 1/2" MIP (3/8" FIP Tap) | 60" | 12 | 13.5 |
| CSSD44E-72 | 026613126647 | 1/2" MIP EFV x 1/2" MIP (3/8" FIP Tap) | 72" | 12 | 14.8 |
| **3/8" ID (1/2" OD) - MIP x FIP** | | | | **CSSD** | |
| CSSD45E-12 | 026613143583 | 1/2" MIP EFV x 1/2" FIP | 12" | 25 | 15.0 |
| CSSD45E-18 | 026613143590 | 1/2" MIP EFV x 1/2" FIP | 18" | 25 | 16.0 |
| CSSD45E-24 | 026613143606 | 1/2" MIP EFV x 1/2" FIP | 24" | 25 | 17.0 |
| CSSD45E-30 | 026613143613 | 1/2" MIP EFV x 1/2" FIP | 30" | 25 | 19.0 |
| CSSD45E-36 | 026613143620 | 1/2" MIP EFV x 1/2" FIP | 36" | 25 | 22.0 |
| CSSD45E-48 | 026613143637 | 1/2" MIP EFV x 1/2" FIP | 48" | 25 | 25.0 |

Note: Connectors 12" - 48" available bulk 12/carton on request. Connectors also available in poly bags 5/carton.
If your requirements are not listed, please request a special quotation from the nearest BrassCraft office.
UPC code will be provided at time of shipment.

## 3/8" ID (1/2" OD) - MIP x FIP (cont.)

CSSD

| PART NO. | UPC | DESCRIPTION | LENGTH | QTY | LBS |
|---|---|---|---|---|---|
| CSSD45E-60 | 026613143644 | 1/2" MIP EFV x 1/2" FIP | 60" | 12 | 14.0 |
| CSSD45E-72 | 026613143651 | 1/2" MIP EFV x 1/2" FIP | 72" | 12 | 15.0 |

## 3/8" ID (1/2" OD) - Gas Ball Valve w/Fem Flare x MIP

CSSD

| | | | | | |
|---|---|---|---|---|---|
| CSSDK4E-12 P20 | 026613143743 | 1/2" FIP Gas Ball Valve w/ 1/2" OD Female Flare EFV x 1/2" MIP | 12" | 20 | 22.0 |
| CSSDK4E-18 P20 | 026613128306 | 1/2" FIP Gas Ball Valve w/ 1/2" OD Female Flare EFV x 1/2" MIP | 18" | 20 | 21.7 |
| CSSDK4E-24 P20 | 026613128276 | 1/2" FIP Gas Ball Valve w/ 1/2" OD Female Flare EFV x 1/2" MIP | 24" | 20 | 22.8 |
| CSSDK4E-36 P20 | 026613128313 | 1/2" FIP Gas Ball Valve w/ 1/2" OD Female Flare EFV x 1/2" MIP | 36" | 20 | 25.1 |
| CSSDK4E-48 P20 | 026613143750 | 1/2" FIP Gas Ball Valve w/ 1/2" OD Female Flare EFV x 1/2" MIP | 48" | 20 | 30.0 |
| CSSDK4E-60 P12 | 026613143767 | 1/2" FIP Gas Ball Valve w/ 1/2" OD Female Flare EFV x 1/2" MIP | 60" | 12 | 18.0 |
| CSSDK4E-72 P12 | 026613143774 | 1/2" FIP Gas Ball Valve w/ 1/2" OD Female Flare EFV x 1/2" MIP | 72" | 12 | 18.0 |

## 1/4" ID (3/8" OD) - MIP x MIP

CSSL

| | | | | | |
|---|---|---|---|---|---|
| CSSL44E-12 | 026613128177 | 1/2" MIP (3/8" FIP Tap) EFV x 1/2" MIP (3/8" FIP Tap) | 12" | 25 | 12.2 |
| CSSL44E-18 | 026613143781 | 1/2" MIP (3/8" FIP Tap) EFV x 1/2" MIP (3/8" FIP Tap) | 18" | 25 | 13.1 |
| CSSL44E-24 | 026613126654 | 1/2" MIP (3/8" FIP Tap) EFV x 1/2" MIP (3/8" FIP Tap) | 24" | 25 | 15.3 |
| CSSL44E-30 | 026613143798 | 1/2" MIP (3/8" FIP Tap) EFV x 1/2" MIP (3/8" FIP Tap) | 30" | 25 | 18.0 |
| CSSL44E-36 | 026613126661 | 1/2" MIP (3/8" FIP Tap) EFV x 1/2" MIP (3/8" FIP Tap) | 36" | 25 | 16.5 |
| CSSL44E-48 | 026613126678 | 1/2" MIP (3/8" FIP Tap) EFV x 1/2" MIP (3/8" FIP Tap) | 48" | 25 | 18.9 |
| CSSL44E-60 | 026613128726 | 1/2" MIP (3/8" FIP Tap) EFV x 1/2" MIP (3/8" FIP Tap) | 60" | 12 | 10.9 |
| CSSL44E-72 | 026613126685 | 1/2" MIP (3/8" FIP Tap) EFV x 1/2" MIP (3/8" FIP Tap) | 72" | 12 | 11.1 |

## 1/4" ID (3/8" OD) - MIP x FIP

CSSL

| | | | | | |
|---|---|---|---|---|---|
| CSSL48E-12 | 026613143804 | 1/2" MIP (3/8" FIP Tap) EFV x 3/8" FIP | 12" | 25 | 11.0 |
| CSSL48E-18 | 026613143811 | 1/2" MIP (3/8" FIP Tap) EFV x 3/8" FIP | 18" | 25 | 12.0 |
| CSSL48E-24 | 026613127644 | 1/2" MIP (3/8" FIP Tap) EFV x 3/8" FIP | 24" | 25 | 13.9 |
| CSSL48E-30 | 026613143828 | 1/2" MIP (3/8" FIP Tap) EFV x 3/8" FIP | 30" | 25 | 15.0 |
| CSSL48E-36 | 026613143835 | 1/2" MIP (3/8" FIP Tap) EFV x 3/8" FIP | 36" | 25 | 16.0 |
| CSSL48E-48 | 026613125725 | 1/2" MIP (3/8" FIP Tap) EFV x 3/8" FIP | 48" | 25 | 17.5 |
| CSSL48E-60 | 026613143842 | 1/2" MIP (3/8" FIP Tap) EFV x 3/8" FIP | 60" | 12 | 10.0 |
| CSSL48E-72 | 026613143859 | 1/2" MIP (3/8" FIP Tap) EFV x 3/8" FIP | 72" | 12 | 12.0 |

## 1/4" ID (3/8" OD) - FIP x MIP

CSSL

| | | | | | |
|---|---|---|---|---|---|
| CSSL87E-12 | 026613143996 | 3/8" FIP (1/2" MIP) EFV x 3/8" MIP | 12" | 25 | 11.0 |
| CSSL87E-18 | 026613144009 | 3/8" FIP (1/2" MIP) EFV x 3/8" MIP | 18" | 25 | 12.0 |
| CSSL87E-24 | 026613144016 | 3/8" FIP (1/2" MIP) EFV x 3/8" MIP | 24" | 25 | 12.0 |
| CSSL87E-30 | 026613144023 | 3/8" FIP (1/2" MIP) EFV x 3/8" MIP | 30" | 25 | 15.0 |
| CSSL87E-36 | 026613144030 | 3/8" FIP (1/2" MIP) EFV x 3/8" MIP | 36" | 25 | 16.0 |
| CSSL87E-48 | 026613126326 | 3/8" FIP (1/2" MIP) EFV x 3/8" MIP | 48" | 25 | 18.2 |
| CSSL87E-60 | 026613130439 | 3/8" FIP (1/2" MIP) EFV x 3/8" MIP | 60" | 12 | 10.5 |
| CSSL87E-72 | 026613144047 | 3/8" FIP (1/2" MIP) EFV x 3/8" MIP | 72" | 12 | 12.0 |

# GAS CONNECTORS

BrassCraft®

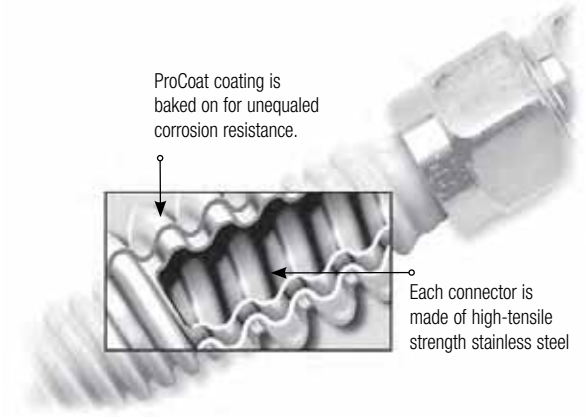
| PART NO. | UPC | DESCRIPTION | LENGTH | QTY | LBS |
|---|---|---|---|---|---|
| **1/4" ID (3/8" OD) - FIP x FIP** | | | | **CSSL** | |
| CSSL88E-12 | 026613120300 | 3/8" FIP (1/2" MIP) EFV x 3/8" FIP | 12" | 25 | 10.5 |
| CSSL88E-18 | 026613120317 | 3/8" FIP (1/2" MIP) EFV x 3/8" FIP | 18" | 25 | 11.5 |
| CSSL88E-24 | 026613120324 | 3/8" FIP (1/2" MIP) EFV x 3/8" FIP | 24" | 25 | 13.9 |
| CSSL88E-30 | 026613144054 | 3/8" FIP (1/2" MIP) EFV x 3/8" FIP | 30" | 25 | 15.0 |
| CSSL88E-36 | 026613144061 | 3/8" FIP (1/2" MIP) EFV x 3/8" FIP | 36" | 25 | 16.0 |
| CSSL88E-48 | 026613126333 | 3/8" FIP (1/2" MIP) EFV x 3/8" FIP | 48" | 25 | 17.5 |
| CSSL88E-60 | 026613144078 | 3/8" FIP (1/2" MIP) EFV x 3/8" FIP | 60" | 12 | 10.0 |
| CSSL88E-72 | 026613144085 | 3/8" FIP (1/2" MIP) EFV x 3/8" FIP | 72" | 12 | 12.0 |

Note: Connectors 12" - 48" available bulk 12/carton on request. Connectors also available in poly bags 5/carton.
If your requirements are not listed, please request a special quotation from the nearest BrassCraft office.
UPC code will be provided at time of shipment.

# ProCoat®

*Coated Stainless Steel Gas Connectors*

The ProCoat coating helps protect the stainless steel connector from corrosion due to prolonged exposure to harsh chemicals found in common household cleaning, plumbing repair and building products (ammonia, chlorine, solder flux and muriatic acid). Designed for indoor and outdoor use, ProCoat is resistant to the harsh effects of UV rays and salt.




- Superior Corrosion Resistance
- Greater Strength & Flexibility
- Approved for Indoor and Outdoor Use
- 100% Leak Tested
- CSA Certified

**Available in Black**

*See pages 23-24*

| PART NO. | UPC | DESCRIPTION | LENGTH | QTY | LBS |
|---|---|---|---|---|---|
| **3/4" ID (7/8" OD) - MIP x MIP** | | | | CSSB | |
| CSSB11-12 | 026613134949 | 3/4" MIP (1/2" FIP Tap) x 3/4" MIP (1/2" FIP Tap) | 12" | 10 | 9.7 |
| CSSB11-18 | 026613134956 | 3/4" MIP (1/2" FIP Tap) x 3/4" MIP (1/2" FIP Tap) | 18" | 10 | 11.1 |
| CSSB11-24 | 026613127682 | 3/4" MIP (1/2" FIP Tap) x 3/4" MIP (1/2" FIP Tap) | 24" | 10 | 12.5 |
| CSSB11-30 | 026613134796 | 3/4" MIP (1/2" FIP Tap) x 3/4" MIP (1/2" FIP Tap) | 30" | 10 | 13.1 |
| CSSB11-36 | 026613122809 | 3/4" MIP (1/2" FIP Tap) x 3/4" MIP (1/2" FIP Tap) | 36" | 10 | 13.1 |
| CSSB11-48 | 026613130248 | 3/4" MIP (1/2" FIP Tap) x 3/4" MIP (1/2" FIP Tap) | 48" | 5 | 9.1 |
| CSSB11-60 | 026613127699 | 3/4" MIP (1/2" FIP Tap) x 3/4" MIP (1/2" FIP Tap) | 60" | 5 | 9.7 |
| **3/4" ID (7/8" OD) - FIP x MIP** | | | | CSSB | |
| CSSB1412-12 | 026613134642 | 1" FIP x 1" MIP (3/4" FIP Tap) | 12" | 10 | 11.8 |
| CSSB1412-18 | 026613134635 | 1" FIP x 1" MIP (3/4" FIP Tap) | 18" | 10 | 13.2 |
| CSSB1412-24 | 026613118482 | 1" FIP x 1" MIP (3/4" FIP Tap) | 24" | 10 | 14.6 |
| CSSB1412-36 | 026613118499 | 1" FIP x 1" MIP (3/4" FIP Tap) | 36" | 10 | 15.4 |
| CSSB1412-48 | 026613118505 | 1" FIP x 1" MIP (3/4" FIP Tap) | 48" | 5 | 10.2 |
| CSSB1412-60 | 026613118420 | 1" FIP x 1" MIP (3/4" FIP Tap) | 60" | 5 | 10.4 |
| CSSB21-12 | 026613134871 | 3/4" FIP x 3/4" MIP (1/2" FIP Tap) | 12" | 10 | 9.0 |
| CSSB21-18 | 026613134888 | 3/4" FIP x 3/4" MIP (1/2" FIP Tap) | 18" | 10 | 10.4 |
| CSSB21-24 | 026613118413 | 3/4" FIP x 3/4" MIP (1/2" FIP Tap) | 24" | 10 | 11.4 |
| CSSB21-30 | 026613118437 | 3/4" FIP x 3/4" MIP (1/2" FIP Tap) | 30" | 10 | 12.5 |
| CSSB21-36 | 026613118444 | 3/4" FIP x 3/4" MIP (1/2" FIP Tap) | 36" | 10 | 12.6 |
| CSSB21-48 | 026613118451 | 3/4" FIP x 3/4" MIP (1/2" FIP Tap) | 48" | 5 | 8.8 |
| CSSB21-60 | 026613118468 | 3/4" FIP x 3/4" MIP (1/2" FIP Tap) | 60" | 5 | 9.3 |

# GAS CONNECTORS

BrassCraft®

| PART NO. | UPC | DESCRIPTION | LENGTH | QTY | LBS |
|---|---|---|---|---|---|
| **3/4" ID (7/8" OD) - FIP x MIP (cont.)** | | | | **CSSB** | |
| CSSB21-72 | 026613118475 | 3/4" FIP x 3/4" MIP (1/2" FIP Tap) | 72" | 5 | 9.2 |
| **3/4" ID (7/8" OD) - FIP x FIP** | | | | **CSSB** | |
| CSSB22-12 | 026613134901 | 3/4" FIP x 3/4" FIP | 12" | 10 | 8.4 |
| CSSB22-18 | 026613134895 | 3/4" FIP x 3/4" FIP | 18" | 10 | 9.8 |
| CSSB22-24 | 026613119304 | 3/4" FIP x 3/4" FIP | 24" | 10 | 11.2 |
| CSSB22-30 | 026613133928 | 3/4" FIP x 3/4" FIP | 30" | 10 | 12.0 |
| CSSB22-36 | 026613119311 | 3/4" FIP x 3/4" FIP | 36" | 10 | 12.1 |
| CSSB22-48 | 026613119328 | 3/4" FIP x 3/4" FIP | 48" | 5 | 8.5 |
| CSSB22-60 | 026613126319 | 3/4" FIP x 3/4" FIP | 60" | 5 | 9.1 |
| CSSB22-72 | 026613120492 | 3/4" FIP x 3/4" FIP | 72" | 5 | 8.9 |
| **1/2" ID (5/8" OD) - MIP x MIP** | | | | **CSSC** | |
| CSSC11-12 | 026613119830 | 3/4" MIP (1/2" FIP Tap) x 3/4" MIP (1/2" FIP Tap) | 12" | 25 | 20.0 |
| CSSC11-18 | 026613112572 | 3/4" MIP (1/2" FIP Tap) x 3/4" MIP (1/2" FIP Tap) | 18" | 25 | 22.4 |
| CSSC11-24 | 026613112589 | 3/4" MIP (1/2" FIP Tap) x 3/4" MIP (1/2" FIP Tap) | 24" | 25 | 23.4 |
| CSSC11-30 | 026613118017 | 3/4" MIP (1/2" FIP Tap) x 3/4" MIP (1/2" FIP Tap) | 30" | 25 | 26.4 |
| CSSC11-36 | 026613112596 | 3/4" MIP (1/2" FIP Tap) x 3/4" MIP (1/2" FIP Tap) | 36" | 25 | 26.9 |
| CSSC11-48 | 026613112619 | 3/4" MIP (1/2" FIP Tap) x 3/4" MIP (1/2" FIP Tap) | 48" | 25 | 30.5 |
| CSSC11-60 | 026613112626 | 3/4" MIP (1/2" FIP Tap) x 3/4" MIP (1/2" FIP Tap) | 60" | 12 | 17.6 |
| CSSC11-72 | 026613112633 | 3/4" MIP (1/2" FIP Tap) x 3/4" MIP (1/2" FIP Tap) | 72" | 12 | 18.2 |
| CSSC14-12 | 026613117706 | 3/4" MIP (1/2" FIP Tap) x 1/2" MIP | 12" | 25 | 18.5 |
| CSSC14-18 | 026613112640 | 3/4" MIP (1/2" FIP Tap) x 1/2" MIP | 18" | 25 | 21.0 |
| CSSC14-24 | 026613112657 | 3/4" MIP (1/2" FIP Tap) x 1/2" MIP | 24" | 25 | 23.0 |
| CSSC14-30 | 026613112664 | 3/4" MIP (1/2" FIP Tap) x 1/2" MIP | 30" | 25 | 24.9 |
| CSSC14-36 | 026613112398 | 3/4" MIP (1/2" FIP Tap) x 1/2" MIP | 36" | 25 | 25.5 |
| CSSC14-48 | 026613112404 | 3/4" MIP (1/2" FIP Tap) x 1/2" MIP | 48" | 25 | 29.1 |
| CSSC14-60 | 026613112671 | 3/4" MIP (1/2" FIP Tap) x 1/2" MIP | 60" | 12 | 16.9 |
| CSSC14-72 | 026613112688 | 3/4" MIP (1/2" FIP Tap) x 1/2" MIP | 72" | 12 | 17.5 |
| CSSC44-12 | 026613112947 | 1/2" MIP x 1/2" MIP | 12" | 25 | 17.0 |
| CSSC44-18 | 026613112954 | 1/2" MIP x 1/2" MIP | 18" | 25 | 19.5 |
| CSSC44-24 | 026613112381 | 1/2" MIP x 1/2" MIP | 24" | 25 | 21.5 |
| CSSC44-30 | 026613112985 | 1/2" MIP x 1/2" MIP | 30" | 25 | 23.5 |
| CSSC44-36 | 026613112367 | 1/2" MIP x 1/2" MIP | 36" | 25 | 24.0 |
| CSSC44-48 | 026613112374 | 1/2" MIP x 1/2" MIP | 48" | 25 | 27.6 |
| CSSC44-60 | 026613113012 | 1/2" MIP x 1/2" MIP | 60" | 12 | 14.9 |
| CSSC44-72 | 026613113029 | 1/2" MIP x 1/2" MIP | 72" | 12 | 16.8 |
| **1/2" ID (5/8" OD) - MIP x FIP** | | | | **CSSC** | |
| CSSC15-12 | 026613128115 | 3/4" MIP (1/2" FIP Tap) x 1/2" FIP | 12" | 25 | 18.0 |
| CSSC15-18 | 026613121055 | 3/4" MIP (1/2" FIP Tap) x 1/2" FIP | 18" | 25 | 20.4 |
| CSSC15-24 | 026613118802 | 3/4" MIP (1/2" FIP Tap) x 1/2" FIP | 24" | 25 | 22.5 |
| CSSC15-30 | 026613128580 | 3/4" MIP (1/2" FIP Tap) x 1/2" FIP | 30" | 25 | 24.4 |
| CSSC15-36 | 026613119335 | 3/4" MIP (1/2" FIP Tap) x 1/2" FIP | 36" | 25 | 24.9 |
| CSSC15-48 | 026613118819 | 3/4" MIP (1/2" FIP Tap) x 1/2" FIP | 48" | 25 | 28.6 |

Note: Connectors 12" - 48" available bulk 12/carton on request. Connectors also available in poly bags 5/carton.
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UPC code will be provided at time of shipment.

## 1/2" ID (5/8" OD) - MIP x FIP (cont.)

| PART NO. | UPC | DESCRIPTION | LENGTH | QTY | LBS |
|---|---|---|---|---|---|
| | | | | | CSSC |
| CSSC15-60 | 026613118826 | 3/4" MIP (1/2" FIP Tap) x 1/2" FIP | 60" | 12 | 16.6 |
| CSSC15-72 | 026613119342 | 3/4" MIP (1/2" FIP Tap) x 1/2" FIP | 72" | 12 | 17.2 |

## 1/2" ID (5/8" OD) - FIP x MIP

| | | | | | |
|---|---|---|---|---|---|
| | | | | | CSSC |
| CSSC21-12 | 026613112725 | 3/4" FIP x 3/4" MIP (1/2" FIP Tap) | 12" | 25 | 18.5 |
| CSSC21-18 | 026613112718 | 3/4" FIP x 3/4" MIP (1/2" FIP Tap) | 18" | 25 | 21.0 |
| CSSC21-24 | 026613112732 | 3/4" FIP x 3/4" MIP (1/2" FIP Tap) | 24" | 25 | 23.0 |
| CSSC21-30 | 026613117942 | 3/4" FIP x 3/4" MIP (1/2" FIP Tap) | 30" | 25 | 24.9 |
| CSSC21-36 | 026613112749 | 3/4" FIP x 3/4" MIP (1/2" FIP Tap) | 36" | 25 | 25.4 |
| CSSC21-48 | 026613112756 | 3/4" FIP x 3/4" MIP (1/2" FIP Tap) | 48" | 25 | 29.1 |
| CSSC21-60 | 026613112763 | 3/4" FIP x 3/4" MIP (1/2" FIP Tap) | 60" | 12 | 16.9 |
| CSSC21-72 | 026613118833 | 3/4" FIP x 3/4" MIP (1/2" FIP Tap) | 72" | 12 | 17.5 |
| CSSC24-12 | 026613121246 | 3/4" FIP x 1/2" MIP | 12" | 25 | 17.1 |
| CSSC24-18 | 026613120713 | 3/4" FIP x 1/2" MIP | 18" | 25 | 19.5 |
| CSSC24-24 | 026613112824 | 3/4" FIP x 1/2" MIP | 24" | 25 | 21.5 |
| CSSC24-30 | 026613121710 | 3/4" FIP x 1/2" MIP | 30" | 25 | 23.5 |
| CSSC24-36 | 026613112831 | 3/4" FIP x 1/2" MIP | 36" | 25 | 24.0 |
| CSSC24-48 | 026613112848 | 3/4" FIP x 1/2" MIP | 48" | 25 | 27.6 |
| CSSC24-60 | 026613112855 | 3/4" FIP x 1/2" MIP | 60" | 12 | 16.2 |
| CSSC24-72 | 026613112862 | 3/4" FIP x 1/2" MIP | 72" | 12 | 16.8 |
| CSSC54-12 | 026613113067 | 1/2" FIP x 1/2" MIP (3/8" FIP Tap) | 12" | 25 | 16.5 |
| CSSC54-18 | 026613113050 | 1/2" FIP x 1/2" MIP (3/8" FIP Tap) | 18" | 25 | 19.0 |
| CSSC54-24 | 026613113043 | 1/2" FIP x 1/2" MIP (3/8" FIP Tap) | 24" | 25 | 21.0 |
| CSSC54-30 | 026613113036 | 1/2" FIP x 1/2" MIP (3/8" FIP Tap) | 30" | 25 | 23.0 |
| CSSC54-36 | 026613112411 | 1/2" FIP x 1/2" MIP (3/8" FIP Tap) | 36" | 25 | 23.5 |
| CSSC54-48 | 026613113074 | 1/2" FIP x 1/2" MIP (3/8" FIP Tap) | 48" | 25 | 27.1 |
| CSSC54-60 | 026613113081 | 1/2" FIP x 1/2" MIP (3/8" FIP Tap) | 60" | 12 | 15.9 |
| CSSC54-72 | 026613117959 | 1/2" FIP x 1/2" MIP (3/8" FIP Tap) | 72" | 12 | 16.5 |

## 1/2" ID (5/8" OD) - FIP x FIP

| | | | | | |
|---|---|---|---|---|---|
| | | | | | CSSC |
| CSSC22-12 | 026613119021 | 3/4" FIP x 3/4" FIP | 12" | 25 | 17.1 |
| CSSC22-18 | 026613118680 | 3/4" FIP x 3/4" FIP | 18" | 25 | 19.5 |
| CSSC22-24 | 026613112770 | 3/4" FIP x 3/4" FIP | 24" | 25 | 21.5 |
| CSSC22-30 | 026613121086 | 3/4" FIP x 3/4" FIP | 30" | 25 | 23.5 |
| CSSC22-36 | 026613112787 | 3/4" FIP x 3/4" FIP | 36" | 25 | 24.0 |
| CSSC22-48 | 026613112794 | 3/4" FIP x 3/4" FIP | 48" | 25 | 27.6 |
| CSSC22-60 | 026613112800 | 3/4" FIP x 3/4" FIP | 60" | 12 | 16.2 |
| CSSC22-72 | 026613112817 | 3/4" FIP x 3/4" FIP | 72" | 12 | 16.8 |
| CSSC25-12 | 026613122014 | 3/4" FIP x 1/2" FIP | 12" | 25 | 16.5 |
| CSSC25-18 | 026613121154 | 3/4" FIP x 1/2" FIP | 18" | 25 | 19.0 |
| CSSC25-24 | 026613118734 | 3/4" FIP x 1/2" FIP | 24" | 25 | 21.0 |
| CSSC25-30 | 026613124216 | 3/4" FIP x 1/2" FIP | 30" | 25 | 22.9 |
| CSSC25-36 | 026613112879 | 3/4" FIP x 1/2" FIP | 36" | 25 | 23.5 |
| CSSC25-48 | 026613112886 | 3/4" FIP x 1/2" FIP | 48" | 25 | 27.1 |
| CSSC25-60 | 026613112893 | 3/4" FIP x 1/2" FIP | 60" | 12 | 15.9 |

# GAS CONNECTORS

BrassCraft®

| PART NO. | UPC | DESCRIPTION | LENGTH | QTY | LBS |
|---|---|---|---|---|---|
| **1/2" ID (5/8" OD) - FIP x FIP (cont.)** | | | | | **CSSC** |
| CSSC25-72 | 026613119007 | 3/4" FIP x 1/2" FIP | 72" | 12 | 16.5 |
| CSSC55-12 | 026613113128 | 1/2" FIP x 1/2" FIP | 12" | 25 | 16.0 |
| CSSC55-18 | 026613113111 | 1/2" FIP x 1/2" FIP | 18" | 25 | 18.5 |
| CSSC55-24 | 026613113104 | 1/2" FIP x 1/2" FIP | 24" | 25 | 20.5 |
| CSSC55-30 | 026613113098 | 1/2" FIP x 1/2" FIP | 30" | 25 | 22.4 |
| CSSC55-36 | 026613112428 | 1/2" FIP x 1/2" FIP | 36" | 25 | 22.9 |
| CSSC55-48 | 026613113135 | 1/2" FIP x 1/2" FIP | 48" | 25 | 26.5 |
| CSSC55-60 | 026613113159 | 1/2" FIP x 1/2" FIP | 60" | 12 | 15.7 |
| CSSC55-72 | 026613113166 | 1/2" FIP x 1/2" FIP | 72" | 12 | 16.3 |
| CSSC23-12 | 026613127866 | 3/4" FIP x 3/4" FIP Elbow | 12" | 25 | 20.4 |
| CSSC23-24 | 026613117980 | 3/4" FIP x 3/4" FIP Elbow | 24" | 25 | 24.9 |
| CSSC23-30 | 026613118055 | 3/4" FIP x 3/4" FIP Elbow | 30" | 25 | 25.5 |
| CSSC23-36 | 026613121093 | 3/4" FIP x 3/4" FIP Elbow | 36" | 25 | 27.4 |
| CSSC23-48 | 026613120768 | 3/4" FIP x 3/4" FIP Elbow | 48" | 25 | 31.0 |
| CSSC23-60 | 026613121147 | 3/4" FIP x 3/4" FIP Elbow | 60" | 12 | 17.8 |
| CSSC23-72 | 026613117270 | 3/4" FIP x 3/4" FIP Elbow | 72" | 12 | 18.4 |
| **1/2" ID (5/8" OD) - MIP x Gas Ball Valve** | | | | | **CSSC** |
| CSSC1J-12 | 026613128214 | 3/4" MIP (1/2" FIP Tap) x 3/4" FIP Gas Ball Valve | 12" | 20 | 22.3 |
| CSSC1J-18 | 026613121185 | 3/4" MIP (1/2" FIP Tap) x 3/4" FIP Gas Ball Valve | 18" | 20 | 23.7 |
| CSSC1J-24 | 026613112695 | 3/4" MIP (1/2" FIP Tap) x 3/4" FIP Gas Ball Valve | 24" | 20 | 25.1 |
| CSSC1J-30 | 026613121383 | 3/4" MIP (1/2" FIP Tap) x 3/4" FIP Gas Ball Valve | 30" | 20 | 27.7 |
| CSSC1J-36 | 026613112701 | 3/4" MIP (1/2" FIP Tap) x 3/4" FIP Gas Ball Valve | 36" | 20 | 29.1 |
| CSSC1J-48 | 026613121192 | 3/4" MIP (1/2" FIP Tap) x 3/4" FIP Gas Ball Valve | 48" | 20 | 32.3 |
| CSSC1J-60 | 026613121697 | 3/4" MIP (1/2" FIP Tap) x 3/4" FIP Gas Ball Valve | 60" | 12 | 21.3 |
| CSSC1J-72 | 026613121703 | 3/4" MIP (1/2" FIP Tap) x 3/4" FIP Gas Ball Valve | 72" | 12 | 22.0 |
| CSSC4J-12 | 026613121390 | 1/2" MIP x 3/4" FIP Gas Ball Valve | 12" | 20 | 21.1 |
| CSSC4J-18 | 026613113197 | 1/2" MIP x 3/4" FIP Gas Ball Valve | 18" | 20 | 22.5 |
| CSSC4J-24 | 026613113203 | 1/2" MIP x 3/4" FIP Gas Ball Valve | 24" | 20 | 23.9 |
| CSSC4J-30 | 026613121307 | 1/2" MIP x 3/4" FIP Gas Ball Valve | 30" | 20 | 26.5 |
| CSSC4J-36 | 026613113210 | 1/2" MIP x 3/4" FIP Gas Ball Valve | 36" | 20 | 27.9 |
| CSSC4J-48 | 026613113227 | 1/2" MIP x 3/4" FIP Gas Ball Valve | 48" | 20 | 31.2 |
| CSSC4J-60 | 026613120409 | 1/2" MIP x 3/4" FIP Gas Ball Valve | 60" | 12 | 20.6 |
| CSSC4J-72 | 026613121406 | 1/2" MIP x 3/4" FIP Gas Ball Valve | 72" | 12 | 21.3 |
| CSSC4K-12 | 026613121109 | 1/2" MIP x 1/2" FIP Gas Ball Valve | 12" | 20 | 20.2 |
| CSSC4K-18 | 026613113234 | 1/2" MIP x 1/2" FIP Gas Ball Valve | 18" | 20 | 21.6 |
| CSSC4K-24 | 026613113241 | 1/2" MIP x 1/2" FIP Gas Ball Valve | 24" | 20 | 23.0 |
| CSSC4K-30 | 026613120263 | 1/2" MIP x 1/2" FIP Gas Ball Valve | 30" | 20 | 25.5 |
| CSSC4K-36 | 026613113258 | 1/2" MIP x 1/2" FIP Gas Ball Valve | 36" | 20 | 27.0 |
| CSSC4K-48 | 026613113265 | 1/2" MIP x 1/2" FIP Gas Ball Valve | 48" | 20 | 30.2 |

Note: Connectors 12" - 48" available bulk 12/carton on request. Connectors also available in poly bags 5/carton.
If your requirements are not listed, please request a special quotation from the nearest BrassCraft office.
UPC code will be provided at time of shipment.

| PART NO. | UPC | DESCRIPTION | LENGTH | QTY | LBS |
|---|---|---|---|---|---|
| **1/2" ID (5/8" OD) - MIP x Gas Ball Valve, Angle** | | | | **CSSC** | |
| CSSC1P-12 | 026613121673 | 3/4" MIP (1/2" FIP Tap) x 3/4" FIP Gas Ball Valve - Angle | 12" | 20 | 22.7 |
| CSSC1P-18 | 026613121680 | 3/4" MIP (1/2" FIP Tap) x 3/4" FIP Gas Ball Valve - Angle | 18" | 20 | 25.0 |
| CSSC1P-24 | 026613121208 | 3/4" MIP (1/2" FIP Tap) x 3/4" FIP Gas Ball Valve - Angle | 24" | 20 | 25.5 |
| CSSC1P-30 | 026613121215 | 3/4" MIP (1/2" FIP Tap) x 3/4" FIP Gas Ball Valve - Angle | 30" | 20 | 28.2 |
| CSSC1P-36 | 026613118604 | 3/4" MIP (1/2" FIP Tap) x 3/4" FIP Gas Ball Valve - Angle | 36" | 20 | 29.6 |
| CSSC1P-48 | 026613120126 | 3/4" MIP (1/2" FIP Tap) x 3/4" FIP Gas Ball Valve - Angle | 48" | 20 | 32.8 |
| CSSC1P-60 | 026613121222 | 3/4" MIP (1/2" FIP Tap) x 3/4" FIP Gas Ball Valve - Angle | 60" | 12 | 21.6 |
| CSSC4P-12 | 026613121895 | 1/2" MIP x 3/4" FIP Gas Ball Valve - Angle | 12" | 20 | 21.6 |
| CSSC4P-18 | 026613121314 | 1/2" MIP x 3/4" FIP Gas Ball Valve - Angle | 18" | 20 | 23.0 |
| CSSC4P-24 | 026613121338 | 1/2" MIP x 3/4" FIP Gas Ball Valve - Angle | 24" | 20 | 24.4 |
| CSSC4P-30 | 026613121345 | 1/2" MIP x 3/4" FIP Gas Ball Valve - Angle | 30" | 20 | 26.9 |
| CSSC4P-36 | 026613113272 | 1/2" MIP x 3/4" FIP Gas Ball Valve - Angle | 36" | 20 | 28.4 |
| CSSC4P-48 | 026613113289 | 1/2" MIP x 3/4" FIP Gas Ball Valve - Angle | 48" | 20 | 31.6 |
| CSSC4P-60 | 026613121352 | 1/2" MIP x 3/4" FIP Gas Ball Valve - Angle | 60" | 12 | 20.9 |
| CSSC4P-72 | 026613121321 | 1/2" MIP x 3/4" FIP Gas Ball Valve - Angle | 72" | 12 | 21.5 |

| | | | | | |
|---|---|---|---|---|---|
| **1/2" ID (5/8" OD) - FIP x Gas Ball Valve** | | | | **CSSC** | |
| CSSC2J-12 | 026613121253 | 3/4" FIP x 3/4" FIP Gas Ball Valve | 12" | 20 | 21.1 |
| CSSC2J-18 | 026613112909 | 3/4" FIP x 3/4" FIP Gas Ball Valve | 18" | 20 | 22.5 |
| CSSC2J-24 | 026613112916 | 3/4" FIP x 3/4" FIP Gas Ball Valve | 24" | 20 | 23.9 |
| CSSC2J-30 | 026613121260 | 3/4" FIP x 3/4" FIP Gas Ball Valve | 30" | 20 | 26.5 |
| CSSC2J-36 | 026613112923 | 3/4" FIP x 3/4" FIP Gas Ball Valve | 36" | 20 | 27.9 |
| CSSC2J-48 | 026613112930 | 3/4" FIP x 3/4" FIP Gas Ball Valve | 48" | 20 | 31.2 |
| CSSC2J-60 | 026613120720 | 3/4" FIP x 3/4" FIP Gas Ball Valve | 60" | 12 | 20.6 |
| CSSC2J-72 | 026613121277 | 3/4" FIP x 3/4" FIP Gas Ball Valve | 72" | 12 | 21.3 |

| | | | | | |
|---|---|---|---|---|---|
| **1/2" ID (5/8" OD) - FIP x Gas Ball Valve, Angle** | | | | **CSSC** | |
| CSSC2P-12 | 026613121888 | 3/4" FIP x 3/4" FIP Gas Ball Valve - Angle | 12" | 20 | 22.0 |
| CSSC2P-18 | 026613119496 | 3/4" FIP x 3/4" FIP Gas Ball Valve - Angle | 18" | 20 | 23.0 |
| CSSC2P-24 | 026613119502 | 3/4" FIP x 3/4" FIP Gas Ball Valve - Angle | 24" | 20 | 24.4 |
| CSSC2P-30 | 026613144092 | 3/4" FIP x 3/4" FIP Gas Ball Valve - Angle | 30" | 20 | 27.1 |
| CSSC2P-36 | 026613119076 | 3/4" FIP x 3/4" FIP Gas Ball Valve - Angle | 36" | 20 | 28.4 |
| CSSC2P-48 | 026613121284 | 3/4" FIP x 3/4" FIP Gas Ball Valve - Angle | 48" | 20 | 31.6 |
| CSSC2P-60 | 026613119519 | 3/4" FIP x 3/4" FIP Gas Ball Valve - Angle | 60" | 12 | 20.9 |

| | | | | | |
|---|---|---|---|---|---|
| **1/2" ID (5/8" OD) - Nut x Nut (Not CSA Certified)** | | | | **CSSC** | |
| CSSCNN-10N | 026613121796 | 5/8" OD (15/16-16 Thread) Flare Nuts, Both Ends | 10" | 25 | 7.6 |
| CSSCNN-16N | 026613118345 | 5/8" OD (15/16-16 Thread) Flare Nuts, Both Ends | 16" | 25 | 10.0 |
| CSSCNN-22N | 026613113296 | 5/8" OD (15/16-16 Thread) Flare Nuts, Both Ends | 22" | 25 | 12.1 |
| CSSCNN-28N | 026613118185 | 5/8" OD (15/16-16 Thread) Flare Nuts, Both Ends | 28" | 25 | 14.0 |
| CSSCNN-34N | 026613113302 | 5/8" OD (15/16-16 Thread) Flare Nuts, Both Ends | 34" | 25 | 14.5 |
| CSSCNN-46N | 026613113319 | 5/8" OD (15/16-16 Thread) Flare Nuts, Both Ends | 46" | 25 | 18.2 |
| CSSCNN-58N | 026613117720 | 5/8" OD (15/16-16 Thread) Flare Nuts, Both Ends | 58" | 12 | 11.6 |
| CSSCNN-70N | 026613117737 | 5/8" OD (15/16-16 Thread) Flare Nuts, Both Ends | 70" | 12 | 12.2 |

# GAS CONNECTORS

BrassCraft®

| PART NO. | UPC | DESCRIPTION | LENGTH | QTY | LBS |
|---|---|---|---|---|---|
| **3/8" ID (1/2" OD) - MIP x MIP** | | | | **CSSD** | |
| CSSD44-12 | 026613113333 | 1/2" MIP (3/8" FIP Tap) x 1/2" MIP (3/8" FIP Tap) | 12" | 25 | 12.5 |
| CSSD44-18 | 026613112466 | 1/2" MIP (3/8" FIP Tap) x 1/2" MIP (3/8" FIP Tap) | 18" | 25 | 14.4 |
| CSSD44-24 | 026613112336 | 1/2" MIP (3/8" FIP Tap) x 1/2" MIP (3/8" FIP Tap) | 24" | 25 | 15.9 |
| CSSD44-30 | 026613112343 | 1/2" MIP (3/8" FIP Tap) x 1/2" MIP (3/8" FIP Tap) | 30" | 25 | 17.5 |
| CSSD44-36 | 026613112329 | 1/2" MIP (3/8" FIP Tap) x 1/2" MIP (3/8" FIP Tap) | 36" | 25 | 18.1 |
| CSSD44-48 | 026613112350 | 1/2" MIP (3/8" FIP Tap) x 1/2" MIP (3/8" FIP Tap) | 48" | 25 | 22.2 |
| CSSD44-60 | 026613113340 | 1/2" MIP (3/8" FIP Tap) x 1/2" MIP (3/8" FIP Tap) | 60" | 12 | 12.3 |
| CSSD44-72 | 026613113357 | 1/2" MIP (3/8" FIP Tap) x 1/2" MIP (3/8" FIP Tap) | 72" | 12 | 12.8 |
| CSSD47-12 | 026613126005 | 1/2" MIP (3/8" FIP Tap) x 3/8" MIP | 12" | 25 | 11.6 |
| CSSD47-18 | 026613131566 | 1/2" MIP (3/8" FIP Tap) x 3/8" MIP | 18" | 25 | 13.5 |
| CSSD47-24 | 026613128436 | 1/2" MIP (3/8" FIP Tap) x 3/8" MIP | 24" | 25 | 15.0 |
| CSSD47-30 | 026613134154 | 1/2" MIP (3/8" FIP Tap) x 3/8" MIP | 30" | 25 | 16.7 |
| CSSD47-36 | 026613130217 | 1/2" MIP (3/8" FIP Tap) x 3/8" MIP | 36" | 25 | 17.3 |
| CSSD47-48 | 026613118529 | 1/2" MIP (3/8" FIP Tap) x 3/8" MIP | 48" | 25 | 21.3 |
| CSSD47-60 | 026613130873 | 1/2" MIP (3/8" FIP Tap) x 3/8" MIP | 60" | 12 | 11.8 |
| CSSD47-72 | 026613144108 | 1/2" MIP (3/8" FIP Tap) x 3/8" MIP | 72" | 12 | 12.0 |
| CSSD77-12 | 026613121604 | 3/8" MIP x 3/8" MIP | 12" | 25 | 10.7 |
| CSSD77-18 | 026613127859 | 3/8" MIP x 3/8" MIP | 18" | 25 | 12.6 |
| CSSD77-24 | 026613120829 | 3/8" MIP x 3/8" MIP | 24" | 25 | 14.1 |
| CSSD77-30 | 026613130279 | 3/8" MIP x 3/8" MIP | 30" | 25 | 15.8 |
| CSSD77-36 | 026613120393 | 3/8" MIP x 3/8" MIP | 36" | 25 | 16.4 |
| CSSD77-48 | 026613118987 | 3/8" MIP x 3/8" MIP | 48" | 25 | 20.4 |
| CSSD77-60 | 026613144115 | 3/8" MIP x 3/8" MIP | 60" | 12 | 11.0 |
| CSSD77-72 | 026613144122 | 3/8" MIP x 3/8" MIP | 72" | 12 | 13.0 |
| **3/8" ID (1/2" OD) - FIP x MIP** | | | | **CSSD** | |
| CSSD54-12 | 026613112473 | 1/2" FIP x 1/2" MIP (3/8" FIP Tap) | 12" | 25 | 12.0 |
| CSSD54-18 | 026613112480 | 1/2" FIP x 1/2" MIP (3/8" FIP Tap) | 18" | 25 | 13.9 |
| CSSD54-24 | 026613112497 | 1/2" FIP x 1/2" MIP (3/8" FIP Tap) | 24" | 25 | 15.4 |
| CSSD54-30 | 026613113401 | 1/2" FIP x 1/2" MIP (3/8" FIP Tap) | 30" | 25 | 17.1 |
| CSSD54-36 | 026613112503 | 1/2" FIP x 1/2" MIP (3/8" FIP Tap) | 36" | 25 | 17.7 |
| CSSD54-48 | 026613112510 | 1/2" FIP x 1/2" MIP (3/8" FIP Tap) | 48" | 25 | 20.3 |
| CSSD54-60 | 026613113418 | 1/2" FIP x 1/2" MIP (3/8" FIP Tap) | 60" | 12 | 12.0 |
| CSSD54-72 | 026613113425 | 1/2" FIP x 1/2" MIP (3/8" FIP Tap) | 72" | 12 | 12.6 |
| CSSD57-12 | 026613125930 | 1/2" FIP x 3/8" MIP | 12" | 25 | 11.2 |
| CSSD57-18 | 026613144139 | 1/2" FIP x 3/8" MIP | 18" | 25 | 13.0 |
| CSSD57-24 | 026613130408 | 1/2" FIP x 3/8" MIP | 24" | 25 | 14.6 |
| CSSD57-30 | 026613144146 | 1/2" FIP x 3/8" MIP | 30" | 25 | 16.0 |
| CSSD57-36 | 026613121123 | 1/2" FIP x 3/8" MIP | 36" | 25 | 16.8 |
| CSSD57-48 | 026613125978 | 1/2" FIP x 3/8" MIP | 48" | 25 | 20.9 |
| CSSD57-60 | 026613144153 | 1/2" FIP x 3/8" MIP | 60" | 12 | 11.0 |
| CSSD57-72 | 026613144160 | 1/2" FIP x 3/8" MIP | 72" | 12 | 13.0 |
| CSSD48-12 | 026613127538 | 1/2" MIP (3/8" FIP Tap) x 3/8" FIP | 12" | 25 | 11.1 |
| CSSD48-18 | | 1/2" MIP (3/8" FIP Tap) x 3/8" FIP | 18" | 25 | 10.6 |

Note: Connectors 12" - 48" available bulk 12/carton on request. Connectors also available in poly bags 5/carton.
If your requirements are not listed, please request a special quotation from the nearest BrassCraft office.
UPC code will be provided at time of shipment.

| PART NO. | UPC | DESCRIPTION | LENGTH | QTY | LBS |
|---|---|---|---|---|---|
| **3/8" ID (1/2" OD) - FIP x MIP (cont.)** | | | | **CSSD** | |
| CSSD48-24 | 026613129068 | 1/2" MIP (3/8" FIP Tap) x 3/8" FIP | 24" | 25 | 13.8 |
| CSSD48-30 | 026613130484 | 1/2" MIP (3/8" FIP Tap) x 3/8" FIP | 30" | 25 | 15.3 |
| CSSD48-36 | 026613120447 | 1/2" MIP (3/8" FIP Tap) x 3/8" FIP | 36" | 25 | 16.7 |
| CSSD48-48 | 026613120430 | 1/2" MIP (3/8" FIP Tap) x 3/8" FIP | 48" | 25 | 20.8 |
| CSSD48-60 | 026613126425 | 1/2" MIP (3/8" FIP Tap) x 3/8" FIP | 60" | 12 | 11.6 |
| CSSD48-72 | 026613126418 | 1/2" MIP (3/8" FIP Tap) x 3/8" FIP | 72" | 12 | 12.2 |
| **3/8" ID (1/2" OD) - FIP x FIP** | | | | **CSSD** | |
| CSSD55-12 | 026613113432 | 1/2" FIP x 1/2" FIP | 12" | 25 | 11.6 |
| CSSD55-18 | 026613113449 | 1/2" FIP x 1/2" FIP | 18" | 25 | 13.5 |
| CSSD55-24 | 026613113456 | 1/2" FIP x 1/2" FIP | 24" | 25 | 15.0 |
| CSSD55-30 | 026613121116 | 1/2" FIP x 1/2" FIP | 30" | 25 | 16.6 |
| CSSD55-36 | 026613113463 | 1/2" FIP x 1/2" FIP | 36" | 25 | 17.2 |
| CSSD55-48 | 026613113470 | 1/2" FIP x 1/2" FIP | 48" | 25 | 21.3 |
| CSSD55-60 | 026613125558 | 1/2" FIP x 1/2" FIP | 60" | 12 | 11.8 |
| CSSD55-72 | 026613144177 | 1/2" FIP x 1/2" FIP | 72" | 12 | 13.0 |
| CSSD58-12 | 026613130804 | 1/2" FIP x 3/8" FIP | 12" | 25 | 10.6 |
| CSSD58-18 | 026613126289 | 1/2" FIP x 3/8" FIP | 18" | 25 | 12.5 |
| CSSD58-24 | 026613126272 | 1/2" FIP x 3/8" FIP | 24" | 25 | 14.0 |
| CSSD58-30 | 026613144184 | 1/2" FIP x 3/8" FIP | 30" | 25 | 16.0 |
| CSSD58-36 | 026613144191 | 1/2" FIP x 3/8" FIP | 36" | 25 | 17.0 |
| CSSD58-48 | 026613144207 | 1/2" FIP x 3/8" FIP | 48" | 25 | 18.8 |
| CSSD58-60 | 026613133386 | 1/2" FIP x 3/8" FIP | 60" | 12 | 10.5 |
| CSSD58-72 | 026613144214 | 1/2" FIP x 3/8" FIP | 72" | 12 | 12.0 |
| **3/8" ID (1/2" OD) - MIP x Gas Ball Valve** | | | | **CSSD** | |
| CSSD4K-12 | 026613113364 | 1/2" MIP (3/8" FIP Tap) x 1/2" FIP Gas Ball Valve | 12" | 25 | 18.3 |
| CSSD4K-18 | 026613112435 | 1/2" MIP (3/8" FIP Tap) x 1/2" FIP Gas Ball Valve | 18" | 25 | 20.3 |
| CSSD4K-24 | 026613112442 | 1/2" MIP (3/8" FIP Tap) x 1/2" FIP Gas Ball Valve | 24" | 25 | 22.0 |
| CSSD4K-30 | 026613113371 | 1/2" MIP (3/8" FIP Tap) x 1/2" FIP Gas Ball Valve | 30" | 25 | 23.7 |
| CSSD4K-36 | 026613112459 | 1/2" MIP (3/8" FIP Tap) x 1/2" FIP Gas Ball Valve | 36" | 25 | 23.9 |
| CSSD4K-48 | 026613113388 | 1/2" MIP (3/8" FIP Tap) x 1/2" FIP Gas Ball Valve | 48" | 25 | 26.6 |
| CSSD4K-60 | 026613113395 | 1/2" MIP (3/8" FIP Tap) x 1/2" FIP Gas Ball Valve | 60" | 12 | 14.3 |
| CSSD4K-72 | 026613120928 | 1/2" MIP (3/8" FIP Tap) x 1/2" FIP Gas Ball Valve | 72" | 12 | 15.6 |
| **3/8" ID (1/2" OD) - FIP x Gas Ball Valve** | | | | **CSSD** | |
| CSSD5K-12 | 026613128788 | 1/2" FIP x 1/2" FIP Gas Ball Valve | 12" | 25 | 17.8 |
| CSSD5K-18 | 026613121901 | 1/2" FIP x 1/2" FIP Gas Ball Valve | 18" | 25 | 19.9 |
| CSSD5K-24 | 026613121963 | 1/2" FIP x 1/2" FIP Gas Ball Valve | 24" | 25 | 21.6 |
| CSSD5K-30 | 026613126401 | 1/2" FIP x 1/2" FIP Gas Ball Valve | 30" | 25 | 23.3 |
| CSSD5K-36 | 026613121970 | 1/2" FIP x 1/2" FIP Gas Ball Valve | 36" | 25 | 23.5 |
| CSSD5K-48 | 026613128795 | 1/2" FIP x 1/2" FIP Gas Ball Valve | 48" | 25 | 26.2 |
| CSSD5K-60 | 026613130385 | 1/2" FIP x 1/2" FIP Gas Ball Valve | 60" | 12 | 14.1 |
| CSSD5K-72 | 026613144221 | 1/2" FIP x 1/2" FIP Gas Ball Valve | 72" | 12 | 16.1 |

# GAS CONNECTORS

BrassCraft®

| PART NO. | UPC | DESCRIPTION | LENGTH | QTY | LBS |
|---|---|---|---|---|---|
| **3/8" ID (1/2" OD) - Nut x Nut (Not CSA Certified)** | | | | **CSSD** | |
| CSSDNN-10N | 026613122038 | 1/2" OD Flare Nuts, Both Ends | 10" | 25 | 5.5 |
| CSSDNN-16N | 026613113487 | 1/2" OD Flare Nuts, Both Ends | 16" | 25 | 7.3 |
| CSSDNN-22N | 026613113494 | 1/2" OD Flare Nuts, Both Ends | 22" | 25 | 8.9 |
| CSSDNN-28N | 026613113500 | 1/2" OD Flare Nuts, Both Ends | 28" | 25 | 10.5 |
| CSSDNN-34N | 026613113517 | 1/2" OD Flare Nuts, Both Ends | 34" | 25 | 11.1 |
| CSSDNN-46N | 026613113524 | 1/2" OD Flare Nuts, Both Ends | 46" | 25 | 15.2 |
| CSSDNN-58N | 026613121826 | 1/2" OD Flare Nuts, Both Ends | 58" | 12 | 8.9 |
| CSSDNN-70N | 026613122045 | 1/2" OD Flare Nuts, Both Ends | 70" | 12 | 9.5 |
| **1/4" ID (3/8" OD) - MIP x MIP** | | | | **CSSL** | |
| CSSL44-12 | 026613113548 | 1/2" MIP (3/8" FIP Tap) x 1/2" MIP (3/8" FIP Tap) | 12" | 25 | 10.6 |
| CSSL44-18 | 026613113531 | 1/2" MIP (3/8" FIP Tap) x 1/2" MIP (3/8" FIP Tap) | 18" | 25 | 12.1 |
| CSSL44-24 | 026613112527 | 1/2" MIP (3/8" FIP Tap) x 1/2" MIP (3/8" FIP Tap) | 24" | 25 | 13.3 |
| CSSL44-30 | 026613113555 | 1/2" MIP (3/8" FIP Tap) x 1/2" MIP (3/8" FIP Tap) | 30" | 25 | 14.5 |
| CSSL44-36 | 026613113562 | 1/2" MIP (3/8" FIP Tap) x 1/2" MIP (3/8" FIP Tap) | 36" | 25 | 14.9 |
| CSSL44-48 | 026613113579 | 1/2" MIP (3/8" FIP Tap) x 1/2" MIP (3/8" FIP Tap) | 48" | 25 | 18.6 |
| CSSL44-60 | 026613117485 | 1/2" MIP (3/8" FIP Tap) x 1/2" MIP (3/8" FIP Tap) | 60" | 12 | 10.1 |
| CSSL44-72 | 026613119960 | 1/2" MIP (3/8" FIP Tap) x 1/2" MIP (3/8" FIP Tap) | 72" | 12 | 10.4 |
| CSSL47-18 | 026613118208 | 1/2" MIP (3/8" FIP Tap) x 3/8" MIP | 18" | 25 | 11.4 |
| CSSL47-24 | 026613118192 | 1/2" MIP (3/8" FIP Tap) x 3/8" MIP | 24" | 25 | 12.6 |
| CSSL47-30 | 026613118215 | 1/2" MIP (3/8" FIP Tap) x 3/8" MIP | 30" | 25 | 13.4 |
| CSSL47-36 | 026613118222 | 1/2" MIP (3/8" FIP Tap) x 3/8" MIP | 36" | 25 | 14.2 |
| CSSL47-48 | 026613144238 | 1/2" MIP (3/8" FIP Tap) x 3/8" MIP | 48" | 25 | 18.0 |
| CSSL47-60 | 026613141145 | 1/2" MIP (3/8" FIP Tap) x 3/8" MIP | 60" | 12 | 9.7 |
| CSSL77-12 | 026613121130 | 3/8" MIP x 3/8" MIP | 12" | 25 | 9.1 |
| CSSL77-18 | 026613120065 | 3/8" MIP x 3/8" MIP | 18" | 25 | 10.7 |
| CSSL77-24 | 026613113722 | 3/8" MIP x 3/8" MIP | 24" | 25 | 11.9 |
| CSSL77-30 | 026613125008 | 3/8" MIP x 3/8" MIP | 30" | 25 | 13.1 |
| CSSL77-36 | 026613117751 | 3/8" MIP x 3/8" MIP | 36" | 25 | 13.5 |
| CSSL77-48 | 026613121925 | 3/8" MIP x 3/8" MIP | 48" | 25 | 17.2 |
| **1/4" ID (3/8" OD) - FIP x MIP** | | | | **CSSL** | |
| CSSL54-12 | 026613113630 | 1/2" FIP x 1/2" MIP (3/8" FIP Tap) | 12" | 25 | 10.1 |
| CSSL54-18 | 026613113647 | 1/2" FIP x 1/2" MIP (3/8" FIP Tap) | 18" | 25 | 11.6 |
| CSSL54-24 | 026613113654 | 1/2" FIP x 1/2" MIP (3/8" FIP Tap) | 24" | 25 | 12.9 |
| CSSL54-30 | 026613113661 | 1/2" FIP x 1/2" MIP (3/8" FIP Tap) | 30" | 25 | 14.0 |
| CSSL54-36 | 026613113678 | 1/2" FIP x 1/2" MIP (3/8" FIP Tap) | 36" | 25 | 14.4 |
| CSSL54-48 | 026613113685 | 1/2" FIP x 1/2" MIP (3/8" FIP Tap) | 48" | 25 | 18.1 |
| CSSL54-60 | 026613113692 | 1/2" FIP x 1/2" MIP (3/8" FIP Tap) | 60" | 12 | 9.8 |
| CSSL54-72 | 026613113708 | 1/2" FIP x 1/2" MIP (3/8" FIP Tap) | 72" | 12 | 10.1 |
| CSSL57-12 | 026613113715 | 1/2" FIP x 3/8" MIP | 12" | 25 | 9.4 |
| CSSL57-18 | 026613120539 | 1/2" FIP x 3/8" MIP | 18" | 25 | 10.9 |
| CSSL57-24 | 026613117928 | 1/2" FIP x 3/8" MIP | 24" | 25 | 12.1 |
| CSSL57-30 | 026613118673 | 1/2" FIP x 3/8" MIP | 30" | 25 | 13.3 |
| CSSL57-36 | 026613117935 | 1/2" FIP x 3/8" MIP | 36" | 25 | 13.5 |

Note: Connectors 12" - 48" available bulk 12/carton on request. Connectors also available in poly bags 5/carton.
If your requirements are not listed, please request a special quotation from the nearest BrassCraft office.
UPC code will be provided at time of shipment.

| PART NO. | UPC | DESCRIPTION | LENGTH | QTY | LBS |
|---|---|---|---|---|---|
| **1/4" ID (3/8" OD) - FIP x MIP (cont.)** | | | | | **CSSL** |
| CSSL57-48 | 026613119847 | 1/2" FIP x 3/8" MIP | 48" | 25 | 17.4 |
| CSSL57-60 | 026613118727 | 1/2" FIP x 3/8" MIP | 60" | 12 | 9.5 |
| CSSL57-72 | 026613144245 | 1/2" FIP x 3/8" MIP | 72" | 12 | 11.0 |
| CSSL48-12 | 026613119090 | 3/8" FIP x 1/2" MIP (3/8" FIP Tap) | 12" | 25 | 9.2 |
| CSSL48-18 | 026613119106 | 3/8" FIP x 1/2" MIP (3/8" FIP Tap) | 18" | 25 | 10.8 |
| CSSL48-24 | 026613118178 | 3/8" FIP x 1/2" MIP (3/8" FIP Tap) | 24" | 25 | 12.0 |
| CSSL48-30 | 026613121598 | 3/8" FIP x 1/2" MIP (3/8" FIP Tap) | 30" | 25 | 13.1 |
| CSSL48-36 | 026613120416 | 3/8" FIP x 1/2" MIP (3/8" FIP Tap) | 36" | 25 | 13.5 |
| CSSL48-48 | 026613120423 | 3/8" FIP x 1/2" MIP (3/8" FIP Tap) | 48" | 25 | 17.2 |
| CSSL48-60 | 026613126159 | 3/8" FIP x 1/2" MIP (3/8" FIP Tap) | 60" | 12 | 9.4 |
| CSSL48-72 | 026613121628 | 3/8" FIP x 1/2" MIP (3/8" FIP Tap) | 72" | 12 | 9.7 |
| CSSL87-12 | 026613113753 | 3/8" FIP x 3/8" MIP | 12" | 25 | 8.5 |
| CSSL87-18 | 026613113760 | 3/8" FIP x 3/8" MIP | 18" | 25 | 10.0 |
| CSSL87-24 | 026613113777 | 3/8" FIP x 3/8" MIP | 24" | 25 | 11.2 |
| CSSL87-30 | 026613119885 | 3/8" FIP x 3/8" MIP | 30" | 25 | 12.4 |
| CSSL87-36 | 026613113784 | 3/8" FIP x 3/8" MIP | 36" | 25 | 12.8 |
| CSSL87-48 | 026613120232 | 3/8" FIP x 3/8" MIP | 48" | 25 | 16.5 |
| CSSL87-60 | 026613120058 | 3/8" FIP x 3/8" MIP | 60" | 12 | 9.1 |
| CSSL87-72 | 026613144252 | 3/8" FIP x 3/8" MIP | 72" | 12 | 10.0 |
| **1/4" ID (3/8" OD) - FIP x FIP** | | | | | **CSSL** |
| CSSL55-12 | 026613118239 | 1/2" FIP x 1/2" FIP | 12" | 25 | 9.6 |
| CSSL55-18 | 026613118246 | 1/2" FIP x 1/2" FIP | 18" | 25 | 11.2 |
| CSSL55-24 | 026613117843 | 1/2" FIP x 1/2" FIP | 24" | 25 | 12.4 |
| CSSL55-30 | 026613118253 | 1/2" FIP x 1/2" FIP | 30" | 25 | 13.5 |
| CSSL55-36 | 026613118260 | 1/2" FIP x 1/2" FIP | 36" | 25 | 13.9 |
| CSSL55-48 | 026613118277 | 1/2" FIP x 1/2" FIP | 48" | 25 | 17.6 |
| CSSL55-60 | 026613144269 | 1/2" FIP x 1/2" FIP | 60" | 12 | 10.0 |
| CSSL55-72 | 026613144276 | 1/2" FIP x 1/2" FIP | 72" | 12 | 11.0 |
| CSSL88-12 | 026613121611 | 3/8" FIP x 3/8" FIP | 12" | 25 | 7.8 |
| CSSL88-18 | 026613113791 | 3/8" FIP x 3/8" FIP | 18" | 25 | 9.4 |
| CSSL88-24 | 026613113807 | 3/8" FIP x 3/8" FIP | 24" | 25 | 10.6 |
| CSSL88-30 | 026613144283 | 3/8" FIP x 3/8" FIP | 30" | 25 | 13.0 |
| CSSL88-36 | 026613113814 | 3/8" FIP x 3/8" FIP | 36" | 25 | 12.1 |
| CSSL88-48 | 026613113821 | 3/8" FIP x 3/8" FIP | 48" | 25 | 15.9 |
| CSSL88-60 | 026613121369 | 3/8" FIP x 3/8" FIP | 60" | 12 | 8.8 |
| **1/4" ID (3/8" OD) - MIP x Gas Ball Valve** | | | | | **CSSL** |
| CSSL4M-12 | 026613113586 | 1/2" MIP (3/8" FIP Tap) x 1/2" FIP Gas Ball Valve | 12" | 25 | 15.8 |
| CSSL4M-18 | 026613113593 | 1/2" MIP (3/8" FIP Tap) x 1/2" FIP Gas Ball Valve | 18" | 25 | 17.6 |
| CSSL4M-24 | 026613113609 | 1/2" MIP (3/8" FIP Tap) x 1/2" FIP Gas Ball Valve | 24" | 25 | 18.9 |
| CSSL4M-30 | 026613118857 | 1/2" MIP (3/8" FIP Tap) x 1/2" FIP Gas Ball Valve | 30" | 25 | 19.0 |
| CSSL4M-36 | 026613113616 | 1/2" MIP (3/8" FIP Tap) x 1/2" FIP Gas Ball Valve | 36" | 25 | 20.1 |
| CSSL4M-48 | 026613113623 | 1/2" MIP (3/8" FIP Tap) x 1/2" FIP Gas Ball Valve | 48" | 25 | 22.5 |
| CSSL4M-60 | 026613119526 | 1/2" MIP (3/8" FIP Tap) x 1/2" FIP Gas Ball Valve | 60" | 12 | 12.6 |

| PART NO. | UPC | DESCRIPTION | LENGTH | QTY | LBS |
|---|---|---|---|---|---|
| **1/4" ID (3/8" OD) - MIP x Gas Ball Valve (cont.)** | | | | | **CSSL** |
| CSSL4M-72 | 026613121413 | 1/2" MIP (3/8" FIP Tap) x 1/2" FIP Gas Ball Valve | 72" | 12 | 12.9 |
| CSSL7M-12 | 026613113739 | 3/8" MIP x 1/2" FIP Gas Ball Valve | 12" | 25 | 15.1 |
| CSSL7M-18 | 026613113746 | 3/8" MIP x 1/2" FIP Gas Ball Valve | 18" | 25 | 16.9 |
| CSSL7M-24 | 026613121420 | 3/8" MIP x 1/2" FIP Gas Ball Valve | 24" | 25 | 17.9 |
| CSSL7M-30 | 026613121437 | 3/8" MIP x 1/2" FIP Gas Ball Valve | 30" | 25 | 19.1 |
| CSSL7M-36 | 026613121444 | 3/8" MIP x 1/2" FIP Gas Ball Valve | 36" | 25 | 19.4 |
| CSSL7M-48 | 026613133607 | 3/8" MIP x 1/2" FIP Gas Ball Valve | 48" | 25 | 21.8 |
| CSSL7M-60 | 026613144290 | 3/8" MIP x 1/2" FIP Gas Ball Valve | 60" | 12 | 12.0 |
| **1/4" ID (3/8" OD) - FIP x Gas Ball Valve** | | | | | **CSSL** |
| CSSL8M-12 | 026613113944 | 3/8" FIP x 1/2" FIP Gas Ball Valve | 12" | 25 | 14.4 |
| CSSL8M-18 | 026613130460 | 3/8" FIP x 1/2" FIP Gas Ball Valve | 18" | 25 | 16.2 |
| CSSL8M-24 | 026613119748 | 3/8" FIP x 1/2" FIP Gas Ball Valve | 24" | 25 | 17.6 |
| CSSL8M-30 | 026613144306 | 3/8" FIP x 1/2" FIP Gas Ball Valve | 30" | 25 | 19.0 |
| CSSL8M-36 | 026613119786 | 3/8" FIP x 1/2" FIP Gas Ball Valve | 36" | 25 | 18.8 |
| CSSL8M-48 | 026613113951 | 3/8" FIP x 1/2" FIP Gas Ball Valve | 48" | 25 | 21.2 |
| CSSL8M-72 | 026613144313 | 3/8" FIP x 1/2" FIP Gas Ball Valve | 72" | 12 | 13.0 |
| **1/4" ID (3/8" OD) - Nut x Nut (Not CSA Certified)** | | | | | **CSSL** |
| CSSLNN-10N | 026613121949 | 3/8" OD Flare Nuts, Both Ends | 10" | 25 | 4.1 |
| CSSLNN-16N | 026613120249 | 3/8" OD Flare Nuts, Both Ends | 16" | 25 | 5.6 |
| CSSLNN-22N | 026613117744 | 3/8" OD Flare Nuts, Both Ends | 22" | 25 | 6.8 |
| CSSLNN-28N | 026613121956 | 3/8" OD Flare Nuts, Both Ends | 28" | 25 | 8.1 |
| CSSLNN-34N | 026613113838 | 3/8" OD Flare Nuts, Both Ends | 34" | 25 | 9.4 |
| CSSLNN-46N | 026613113845 | 3/8" OD Flare Nuts, Both Ends | 46" | 25 | 11.9 |
| CSSLNN-58N | 026613113852 | 3/8" OD Flare Nuts, Both Ends | 58" | 12 | 7.0 |
| CSSLNN-70N | 026613113869 | 3/8" OD Flare Nuts, Both Ends | 70" | 12 | 7.3 |
| **1/4" ID (3/8" OD) w/ 9/16-24 Fine Thread - MIP x MIP (Not CSA Certified)** | | | | | **CSST** |
| CSST44-18 | 026613120782 | 1/2" MIP (3/8" FIP Tap) x 1/2" MIP (3/8" FIP Tap) | 18" | 25 | 12.0 |
| CSST44-24 | 026613126357 | 1/2" MIP (3/8" FIP Tap) x 1/2" MIP (3/8" FIP Tap) | 24" | 25 | 13.3 |
| CSST44-30 | 026613126364 | 1/2" MIP (3/8" FIP Tap) x 1/2" MIP (3/8" FIP Tap) | 30" | 25 | 14.5 |
| CSST44-36 | 026613120799 | 1/2" MIP (3/8" FIP Tap) x 1/2" MIP (3/8" FIP Tap) | 36" | 25 | 14.9 |
| CSST44-48 | 026613120805 | 1/2" MIP (3/8" FIP Tap) x 1/2" MIP (3/8" FIP Tap) | 48" | 25 | 18.6 |
| CSST44-60 | 026613130224 | 1/2" MIP (3/8" FIP Tap) x 1/2" MIP (3/8" FIP Tap) | 60" | 12 | 10.1 |
| CSST44-72 | 026613125565 | 1/2" MIP (3/8" FIP Tap) x 1/2" MIP (3/8" FIP Tap) | 72" | 12 | 10.4 |
| **1/4" ID (3/8" OD) w/ 9/16-24 Fine Thread - FIP x MIP (Not CSA Certified)** | | | | | **CSST** |
| CSST54-12 | 026613118352 | 1/2" FIP x 1/2" MIP (3/8" FIP Tap) | 12" | 25 | 10.0 |
| CSST54-18 | 026613113975 | 1/2" FIP x 1/2" MIP (3/8" FIP Tap) | 18" | 25 | 11.0 |
| CSST54-24 | 026613113982 | 1/2" FIP x 1/2" MIP (3/8" FIP Tap) | 24" | 25 | 12.8 |
| CSST54-30 | 026613114002 | 1/2" FIP x 1/2" MIP (3/8" FIP Tap) | 30" | 25 | 13.9 |
| CSST54-36 | 026613113999 | 1/2" FIP x 1/2" MIP (3/8" FIP Tap) | 36" | 25 | 14.3 |
| CSST54-48 | 026613114019 | 1/2" FIP x 1/2" MIP (3/8" FIP Tap) | 48" | 25 | 18.0 |

Note: Connectors 12" - 48" available bulk 12/carton on request. Connectors also available in poly bags 5/carton.
If your requirements are not listed, please request a special quotation from the nearest BrassCraft office.
UPC code will be provided at time of shipment.

## 1/4" ID (3/8" OD) w/ 9/16-24 Fine Thread - FIP x MIP (Not CSA Certified) (cont.)

| PART NO. | UPC | DESCRIPTION | LENGTH | QTY | LBS |
|---|---|---|---|---|---|
| | | | | CSST | |
| CSST54-60 | 026613117256 | 1/2" FIP x 1/2" MIP (3/8" FIP Tap) | 60" | 12 | 8.8 |
| CSST54-72 | 026613120751 | 1/2" FIP x 1/2" MIP (3/8" FIP Tap) | 72" | 12 | 10.1 |
| CSST57-12 | 026613121048 | 1/2" FIP x 3/8" MIP | 12" | 25 | 9.2 |
| CSST57-24 | 026613121178 | 1/2" FIP x 3/8" MIP | 24" | 25 | 12.0 |
| CSST57-30 | 026613121451 | 1/2" FIP x 3/8" MIP | 30" | 25 | 13.9 |
| CSST57-36 | 026613120584 | 1/2" FIP x 3/8" MIP | 36" | 25 | 13.6 |
| CSST57-48 | 026613120072 | 1/2" FIP x 3/8" MIP | 48" | 25 | 15.4 |
| CSST87-12 | 026613120331 | 3/8" FIP x 3/8" MIP | 12" | 25 | 8.3 |
| CSST87-18 | 026613118123 | 3/8" FIP x 3/8" MIP | 18" | 25 | 9.8 |
| CSST87-24 | 026613118710 | 3/8" FIP x 3/8" MIP | 24" | 25 | 10.5 |
| CSST87-30 | 026613134468 | 3/8" FIP x 3/8" MIP | 30" | 25 | 12.2 |
| CSST87-36 | 026613119731 | 3/8" FIP x 3/8" MIP | 36" | 25 | 12.7 |
| CSST87-48 | 026613118758 | 3/8" FIP x 3/8" MIP | 48" | 25 | 15.2 |
| CSST87-60 | 026613144320 | 3/8" FIP x 3/8" MIP | 60" | 12 | 6.0 |

## 1/4" ID (3/8" OD) w/ 9/16-24 Fine Thread - FIP x FIP (Not CSA Certified)

| | | | | | |
|---|---|---|---|---|---|
| | | | | CSST | |
| CSST88-12 | 026613133409 | 3/8" FIP x 3/8" FIP | 12" | 25 | 7.7 |
| CSST88-18 | 026613133416 | 3/8" FIP x 3/8" FIP | 18" | 25 | 8.7 |
| CSST88-24 | 026613133423 | 3/8" FIP x 3/8" FIP | 24" | 25 | 10.4 |
| CSST88-30 | 026613118642 | 3/8" FIP x 3/8" FIP | 30" | 25 | 10.8 |
| CSST88-36 | 026613144337 | 3/8" FIP x 3/8" FIP | 36" | 25 | 13.0 |
| CSST88-60 | 026613144344 | 3/8" FIP x 3/8" FIP | 60" | 12 | 6.0 |
| CSST88-72 | 026613144351 | 3/8" FIP x 3/8" FIP | 72" | 12 | 9.0 |

## 1/4" ID (3/8" OD) w/ 9/16-24 Fine Thread - Nut x Nut (Not CSA Certified)

| | | | | | |
|---|---|---|---|---|---|
| | | | | CSST | |
| CSSTNN-10N | 026613113876 | 3/8" OD (9/16-24 Thread) Flare Nuts, Both Ends | 10" | 25 | 4.6 |
| CSSTNN-16N | 026613113883 | 3/8" OD (9/16-24 Thread) Flare Nuts, Both Ends | 16" | 25 | 6.1 |
| CSSTNN-22N | 026613112534 | 3/8" OD (9/16-24 Thread) Flare Nuts, Both Ends | 22" | 25 | 7.4 |
| CSSTNN-28N | 026613113890 | 3/8" OD (9/16-24 Thread) Flare Nuts, Both Ends | 28" | 25 | 8.6 |
| CSSTNN-34N | 026613113906 | 3/8" OD (9/16-24 Thread) Flare Nuts, Both Ends | 34" | 25 | 9.9 |
| CSSTNN-46N | 026613113913 | 3/8" OD (9/16-24 Thread) Flare Nuts, Both Ends | 46" | 25 | 12.5 |
| CSSTNN-58N | 026613113920 | 3/8" OD (9/16-24 Thread) Flare Nuts, Both Ends | 58" | 12 | 7.3 |
| CSSTNN-70N | 026613113937 | 3/8" OD (9/16-24 Thread) Flare Nuts, Both Ends | 70" | 12 | 7.5 |

# GAS CONNECTORS

BrassCraft®

| PART NO. | UPC | DESCRIPTION | LENGTH | QTY | LBS |
|---|---|---|---|---|---|
| **3/8" ID (1/2" OD) - MIP x MIP** | | | | | **BCSSD** |
| BCSSD44-12 | 026613131375 | 1/2" MIP (3/8" FIP Tap) x 1/2" MIP (3/8" FIP Tap) | 12" | 25 | 12.5 |
| BCSSD44-18 | 026613131382 | 1/2" MIP (3/8" FIP Tap) x 1/2" MIP (3/8" FIP Tap) | 18" | 25 | 14.3 |
| BCSSD44-24 | 026613131399 | 1/2" MIP (3/8" FIP Tap) x 1/2" MIP (3/8" FIP Tap) | 24" | 25 | 16.0 |
| BCSSD44-30 | 026613131405 | 1/2" MIP (3/8" FIP Tap) x 1/2" MIP (3/8" FIP Tap) | 30" | 25 | 17.5 |
| BCSSD47-12 | 026613131412 | 1/2" MIP (3/8" FIP Tap) x 3/8" MIP | 12" | 25 | 11.7 |
| BCSSD47-18 | 026613131429 | 1/2" MIP (3/8" FIP Tap) x 3/8" MIP | 18" | 25 | 13.5 |
| BCSSD47-24 | 026613131481 | 1/2" MIP (3/8" FIP Tap) x 3/8" MIP | 24" | 25 | 15.1 |
| BCSSD47-30 | 026613131436 | 1/2" MIP (3/8" FIP Tap) x 3/8" MIP | 30" | 25 | 16.7 |
| BCSSD77-12 | 026613133591 | 3/8" MIP x 3/8" MIP | 12" | 25 | 10.7 |
| BCSSD77-18 | 026613142821 | 3/8" MIP x 3/8" MIP | 18" | 25 | 12.7 |
| BCSSD77-24 | 026613133447 | 3/8" MIP x 3/8" MIP | 24" | 25 | 14.2 |
| BCSSD77-30 | 026613144368 | 3/8" MIP x 3/8" MIP | 30" | 25 | 14.0 |
| **3/8" ID (1/2" OD) - FIP x MIP** | | | | | **BCSSD** |
| BCSSD54-12 | 026613134413 | 1/2" FIP x 1/2" MIP (3/8" FIP Tap) | 12" | 25 | 12.1 |
| BCSSD54-18 | 026613132327 | 1/2" FIP x 1/2" MIP (3/8" FIP Tap) | 18" | 25 | 14.0 |
| BCSSD54-24 | 026613132310 | 1/2" FIP x 1/2" MIP (3/8" FIP Tap) | 24" | 25 | 15.5 |
| BCSSD54-30 | 026613133393 | 1/2" FIP x 1/2" MIP (3/8" FIP Tap) | 30" | 25 | 17.1 |
| BCSSD54-36 | 026613132723 | 1/2" FIP x 1/2" MIP (3/8" FIP Tap) | 36" | 25 | 17.8 |
| **3/8" ID (1/2" OD) - FIP x FIP** | | | | | **BCSSD** |
| BCSSD55-12 | 026613135687 | 1/2" FIP x 1/2" FIP | 12" | 25 | 11.6 |
| BCSSD55-18 | 026613142999 | 1/2" FIP x 1/2" FIP | 18" | 25 | 14.0 |
| BCSSD55-24 | 026613134680 | 1/2" FIP x 1/2" FIP | 24" | 25 | 15.1 |
| **3/8" ID (1/2" OD) - MIP x Gas Ball Valve** | | | | | **BCSSD** |
| BCSSD4K-12 | 026613142968 | 1/2" MIP (3/8" FIP Tap) x 1/2" FIP Gas Ball Valve | 12" | 25 | 19.0 |
| BCSSD4K-18 | 026613142975 | 1/2" MIP (3/8" FIP Tap) x 1/2" FIP Gas Ball Valve | 18" | 25 | 20.0 |
| BCSSD4K-24 | 026613134550 | 1/2" MIP (3/8" FIP Tap) x 1/2" FIP Gas Ball Valve | 24" | 25 | 22.1 |
| BCSSD4K-30 | 026613142982 | 1/2" MIP (3/8" FIP Tap) x 1/2" FIP Gas Ball Valve | 30" | 25 | 24.0 |
| **3/8" ID (1/2" OD) - FIP x Gas Ball Valve** | | | | | **BCSSD** |
| BCSSD5K-12 | 026613144375 | 1/2" FIP x 1/2" FIP Gas Ball Valve | 12" | 25 | 18.0 |
| BCSSD5K-18 | 026613134321 | 1/2" FIP x 1/2" FIP Gas Ball Valve | 18" | 25 | 19.9 |
| BCSSD5K-24 | 026613144382 | 1/2" FIP x 1/2" FIP Gas Ball Valve | 24" | 25 | 21.0 |
| BCSSD5K-30 | 026613144399 | 1/2" FIP x 1/2" FIP Gas Ball Valve | 30" | 25 | 23.0 |
| **1/4" ID (3/8" OD) - MIP x MIP** | | | | | **BCSSL** |
| BCSSL44-12 | 026613131313 | 1/2" MIP (3/8" FIP Tap) x 1/2" MIP (3/8" FIP Tap) | 12" | 25 | 10.5 |
| BCSSL44-18 | 026613131320 | 1/2" MIP (3/8" FIP Tap) x 1/2" MIP (3/8" FIP Tap) | 18" | 25 | 12.7 |
| BCSSL44-24 | 026613131337 | 1/2" MIP (3/8" FIP Tap) x 1/2" MIP (3/8" FIP Tap) | 24" | 25 | 13.2 |
| BCSSL44-30 | 026613131467 | 1/2" MIP (3/8" FIP Tap) x 1/2" MIP (3/8" FIP Tap) | 30" | 25 | 15.1 |
| BCSSL47-12 | 026613131344 | 1/2" MIP (3/8" FIP Tap) x 3/8" MIP | 12" | 25 | 9.8 |
| BCSSL47-18 | 026613131474 | 1/2" MIP (3/8" FIP Tap) x 3/8" MIP | 18" | 25 | 11.4 |
| BCSSL47-24 | 026613131351 | 1/2" MIP (3/8" FIP Tap) x 3/8" MIP | 24" | 25 | 12.7 |
| BCSSL47-30 | 026613131368 | 1/2" MIP (3/8" FIP Tap) x 3/8" MIP | 30" | 25 | 14.1 |

Note: Connectors 12" - 48" available bulk 12/carton on request. Connectors also available in poly bags 5/carton.
If your requirements are not listed, please request a special quotation from the nearest BrassCraft office.
UPC code will be provided at time of shipment.

## 1/4" ID (3/8" OD) - FIP x MIP

| PART NO. | UPC | DESCRIPTION | LENGTH | QTY | LBS |
|---|---|---|---|---|---|
| | | | | BCSSL | |
| BCSSL54-12 | 026613142784 | 1/2" FIP x 1/2" MIP (3/8" FIP Tap) | 12" | 25 | 10.1 |
| BCSSL54-18 | 026613144405 | 1/2" FIP x 1/2" MIP (3/8" FIP Tap) | 18" | 25 | 11.7 |
| BCSSL54-24 | 026613133812 | 1/2" FIP x 1/2" MIP (3/8" FIP Tap) | 24" | 25 | 12.9 |
| BCSSL54-30 | 026613133454 | 1/2" FIP x 1/2" MIP (3/8" FIP Tap) | 30" | 25 | 14.1 |
| BCSSL87-12 | 026613132303 | 3/8" FIP x 3/8" MIP | 12" | 25 | 8.5 |
| BCSSL87-18 | 026613132174 | 3/8" FIP x 3/8" MIP | 18" | 25 | 10.1 |
| BCSSL87-24 | 026613132297 | 3/8" FIP x 3/8" MIP | 24" | 25 | 11.3 |
| BCSSL87-30 | 026613132280 | 3/8" FIP x 3/8" MIP | 30" | 25 | 12.5 |

## 1/4" ID (3/8" OD) - FIP x FIP

| | | | | | |
|---|---|---|---|---|---|
| | | | | BCSSL | |
| BCSSL88-12 | 026613133621 | 3/8" FIP x 3/8" FIP | 12" | 25 | 7.8 |
| BCSSL88-18 | 026613132440 | 3/8" FIP x 3/8" FIP | 18" | 25 | 12.6 |
| BCSSL88-24 | 026613132457 | 3/8" FIP x 3/8" FIP | 24" | 25 | 13.8 |
| BCSSL88-30 | 026613144412 | 3/8" FIP x 3/8" FIP | 30" | 25 | 15.0 |

## 1/4" ID (3/8" OD) - MIP x Gas Ball Valve

| | | | | | |
|---|---|---|---|---|---|
| | | | | BCSSL | |
| BCSSL4M-12 | 026613144429 | 1/2" MIP (3/8" FIP Tap) x 1/2" FIP Gas Ball Valve | 12" | 25 | 16.0 |
| BCSSL4M-18 | 026613133973 | 1/2" MIP (3/8" FIP Tap) x 1/2" FIP Gas Ball Valve | 18" | 25 | 17.6 |
| BCSSL4M-24 | 026613144436 | 1/2" MIP (3/8" FIP Tap) x 1/2" FIP Gas Ball Valve | 24" | 25 | 19.0 |
| BCSSL4M-30 | 026613144443 | 1/2" MIP (3/8" FIP Tap) x 1/2" FIP Gas Ball Valve | 30" | 25 | 21.0 |
| BCSSL7M-12 | 026613142074 | 3/8" MIP x 1/2" FIP Gas Ball Valve | 12" | 25 | 15.1 |
| BCSSL7M-18 | 026613144450 | 3/8" MIP x 1/2" FIP Gas Ball Valve | 18" | 25 | 18.0 |
| BCSSL7M-24 | 026613142081 | 3/8" MIP x 1/2" FIP Gas Ball Valve | 24" | 25 | 18.3 |
| BCSSL7M-30 | 026613144467 | 3/8" MIP x 1/2" FIP Gas Ball Valve | 30" | 25 | 20.0 |

## 1/4" ID (3/8" OD) - FIP x Gas Ball Valve

| | | | | | |
|---|---|---|---|---|---|
| | | | | BCSSL | |
| BCSSL8M-12 | 026613142623 | 3/8" FIP x 1/2" FIP Gas Ball Valve | 12" | 25 | 14.5 |
| BCSSL8M-18 | 026613144474 | 3/8" FIP x 1/2" FIP Gas Ball Valve | 18" | 25 | 16.0 |
| BCSSL8M-24 | 026613144481 | 3/8" FIP x 1/2" FIP Gas Ball Valve | 24" | 25 | 17.0 |
| BCSSL8M-30 | 026613144498 | 3/8" FIP x 1/2" FIP Gas Ball Valve | 30" | 25 | 18.0 |

## Gas Installation Kits

are designed to fit most new and older appliances. Kits contain everything needed to make a quick and EZ gas connection.

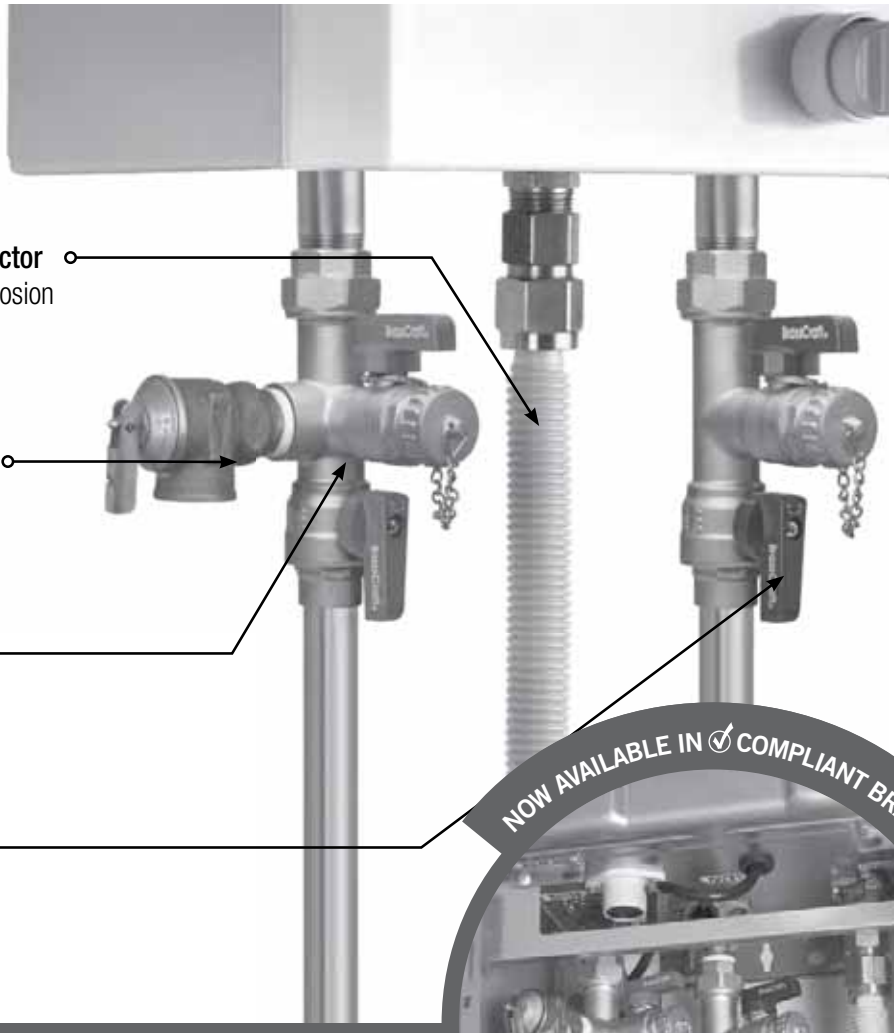
- ProCoat® Coated Stainless Steel Gas Connector
- Safety+PLUS® Excess Flow Valve*
- Multiple Steel Gas Fittings to Fit Most Appliances
- Pipe Thread Sealant
- Leak Detection Solution

*Included with PSC1081, PSC1083 kits only.

| PART NO. | UPC | DESCRIPTION | LENGTH | QTY | LBS |
|---|---|---|---|---|---|
| **Safety+PLUS® Gas Installation Kit for Pro-Grade Range & Furnace** | | | | | |
| PSC1083 | 039166091669 | (1) CSSC54E-48 5/8" OD (15/16-16 Thread) x 48" yellow coated gas connector<br>(1) MEU2-10-12 Safety+PLUS EFV 3/4" MIP (1/2" FIP)<br>(1) MAU2-10-12S 3/4" MIP (1/2" FIP) steel fitting<br>(1) MAU2-10-8S 1/2" MIP steel fitting<br>(1) 3mil tube of pipe thread sealant<br>(1) 3mil tube of leak detection solution | 48" | 10 | 17.3 |
| **Safety+PLUS® Gas Installation Kit for Range & Dryer** | | | | | |
| PSC1081 | 039166091645 | (1) CSSD44E-48 1/2" OD x 48" yellow coated gas connector<br>(1) EU2-8L Safety+PLUS EFV (1/2" MIP)<br>(1) AU2-8S 1/2" MIP (3/8" FIP) steel fitting<br>(1) AU1-8S 1/2" FIP steel fitting<br>(1) AU2-8-6S 3/8" MIP steel fitting<br>(1) 3mil tube of pipe thread sealant<br>(1) 3mil tube of leak detection solution | 48" | 10 | 14.2 |
| **Black ProCoat® Gas Installation Kit for Gas Log & Space Heater** | | | | | |
| PSC1079 | 026613114439 | (1) BCSSD54-24 1/2" OD x 24" black coated gas connector<br>(1) AU2-8S 1/2" MIP (3/8" FIP) steel fitting<br>(1) AU1-8S 1/2" FIP steel fitting<br>(1) AU2-8-6S 3/8" MIP steel fitting<br>(1) 3mil tube of pipe thread sealant<br>(1) 3mil tube of leak detection solution | 24" | 5 | 4.4 |

# Tankless Water Heater Installation Kits

As the world leader in gas and water products, BrassCraft®'s tankless water heater installation kits are no exception. Compliant with 2014 low lead requirements, our tankless water heater installation kits simplify the installation process with fewer connections and a clean, professional finish. Featuring independent, 1/4 turn water control, BrassCraft service valves make it simple to service and test the appliance.



**Large Capacity Gas Connector** with exclusive ProCoat® corrosion resistant coating

**Built-In Port for PR Valve** reduces the number of connections required

**Integrated Drain Valve** with independent, 1/4 turn operation

**Right-Sized Handles** color coded and great for tight installations

## BrassCraft's Tankless Water Heater kits offer a wide range of features including:

- One-Piece, Forged Brass Body
- Drain Valve with Brass Safety Cap
- 3/4" ID Coated Stainless Steel Gas Connector
- Available in Sweat & IPS Configurations
- Optional Full-Port Gas Ball Valve

Service Valves

Gas Connector, Gas Ball Valve & PR Valve

Service Valves

**Ideal for Recessed and Cover Box Installations**

# INSTALLATION KITS

BrassCraft®

| PART NO. | UPC | DESCRIPTION | LENGTH | QTY | LBS |
|---|---|---|---|---|---|
| **Service Valve Kits** | | | | **IPS** | |
| TWV30X | 026613141350 | IPS x IPS Service Valve Kit | N/A | 6 | 20.9 |
| **Service Valve Kits with PRV** | | | | **IPS** | |
| TWV30RX | 026613141343 | IPS x IPS Service Valve Kit with Pressure Relief Valve (200 kBtu/hr) | N/A | 6 | 23.9 |
| **Service Valve Kits** | | | | **SWEAT** | |
| TWV3SX | 026613141411 | Sweat x IPS Service Valve Kit | N/A | 6 | 20.7 |
| **Service Valve Kits with PRV** | | | | **SWEAT** | |
| TWV3SRX | 026613141404 | Sweat x IPS Service Valve Kit with Pressure Relief Valve (200 kBtu/hr) | N/A | 6 | 23.7 |
| **Service Valve Kits with Gas Connector** | | | | **IPS** | |
| TK30RB21-18X | 026613141367 | IPS x IPS Service Valve Kit with 3/4" ID (3/4" FIP x 3/4" MIP) x 18" Yellow Coated Gas Connector & PR Valve | 18" | 3 | 16.3 |
| TK30RB21-24X | 026613141374 | IPS x IPS Service Valve Kit with 3/4" ID (3/4" FIP x 3/4" MIP) x 24" Yellow Coated Gas Connector & PR Valve | 24" | 3 | 16.6 |
| **Service Valve Kits with Gas Connector & Gas Ball Valve** | | | | **IPS** | |
| TK30RB21-18G3X | 026613141381 | IPS x IPS Service Valve Kit with 3/4" ID (3/4" FIP x 3/4" MIP) x 18" Yellow Coated Gas Connector, 3/4" Full-Port Gas Ball Valve & PR Valve | 18" | 3 | 18.3 |
| TK30RB21-24G3X | 026613141398 | IPS x IPS Service Valve Kit with 3/4" ID (3/4" FIP x 3/4" MIP) x 24" Yellow Coated Gas Connector, 3/4" Full-Port Gas Ball Valve & PR Valve | 24" | 3 | 18.6 |
| **Service Valve Kits with Gas Connector** | | | | **SWEAT** | |
| TK3SRB21-18X | 026613141923 | Sweat x IPS Service Valve Kit with 3/4" ID (3/4" FIP x 3/4" MIP) x 18" Yellow Coated Gas Connector & PR Valve | 18" | 3 | 16.2 |
| TK3SRB21-24X | 026613141930 | Sweat x IPS Service Valve Kit with 3/4" ID (3/4" FIP x 3/4" MIP) x 24" Yellow Coated Gas Connector & PR Valve | 24" | 3 | 16.5 |

# Part Numbering System

*Example:*

A U 1 - 6 - 8

| Body Style | Size |
|---|---|
| Female Adaptor - Flare x FIP | 3/8" OD Tube x 1/2" FIP |



A U 1

Body Style

## Body Style

### Safety+PLUS® Appliance Excess Flow Valves:

| | |
|---|---|
| **MEU1* / EU1** | Female Adaptor - Flare x FIP |
| **MEU2* / EU2** | Male Adaptor - Flare x MIP (Tapped FIP Option) |
| **MEU4* / EU4** | Male Adaptor - Flare x MIP (Tapped Female Flare) |
| **MEU5* / EU5** | Female Union - Flare x Female Flare |

### Adaptor Fittings:

| | |
|---|---|
| **MAU1* / AU1** | Female Adaptor - Flare x FIP |
| **MAU2* / AU2** | Male Adaptor - Flare x MIP (Tapped FIP) |
| **MAE1*** | Female Elbow |

### Fine-Thread Adaptor Fittings:

| | |
|---|---|
| **F10/12** | Male Adaptor |
| **F15/17** | Female Elbow |
| **FC** | Flare Cap |
| **FO** | Flare Nut |
| **FRC11/13** | Female Adaptor |
| **FRC16/18** | Male Elbow |
| **FT3** | Flare Tee |
| **FU3** | Flare Union |

### Gas Ball Valves:

| | |
|---|---|
| **TBV** | FIP x Flare or FIP x FIP |
| **TBVA** | FIP x Flare (Angle) |
| **TBVF** | Flare x Flare |
| **TBV#F** | FIP x FIP (Full Port) |

**Fittings with 5/8" OD (15/16 -16 Thread)*

*CAUTION:* Use only 5/8" OD Flare (15/16 -16 Thread) Gas Fittings and Valves with 5/8" OD Gas Appliance Connectors (BrassCraft CSSC Series)

6 - 8

Size

## Size

### Tube & Pipe Sizing:

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **2** | 1/8" | **5** | 5/16" | **8** | 1/2" | **14** | 7/8" |
| **3** | 3/16" | **6** | 3/8" | **10** | 5/8" | **16** | 1" |
| **4** | 1/4" | **7** | 7/16" | **12** | 3/4" | | |

# Gas Ball Valves

*Superior Performance and Reliability*

### Forged Brass Body
Eliminates pinhole leaks commonly associated with cast products.

### Specially Designed Seat Rings
PTFE seats assure longer life.

### Quarter-Turn Design
For easy on/off operation.

### Blow-Out Proof Stem
Assembled from the inside with double o-rings to ensure safe, reliable performance.

### 100% Leak Tested
Each valve is leak tested to ensure reliability.

### Patented Design Handle
Integrates "T" and lever handles into one, saving inventory SKUs and dollars.

### Made in Italy*

## FIP x FIP - Full Port

| PART NO. | UPC | DESCRIPTION | QTY | LBS |
|---|---|---|---|---|
| TBV12F | 026613139609 | 3/4" FIP x 3/4" FIP | 6 | 4.1 |

## FIP x FIP

| | | | | |
|---|---|---|---|---|
| TBV16 | 026613099439 | 1" FIP x 1" FIP | 6 | 6.0 |
| TBV12 | 026613099422 | 3/4" FIP x 3/4" FIP | 10 | 5.7 |
| TBV8 | 026613099415 | 1/2" FIP x 1/2" FIP | 10 | 3.6 |

## Flare x FIP

| | | | | |
|---|---|---|---|---|
| TBV10-12 | 026613099385 | 5/8" OD Flare (15/16-16 Thread) x 3/4" FIP | 10 | 5.9 |
| TBV10-8 | 026613099378 | 5/8" OD Flare (15/16-16 Thread) x 1/2" FIP | 10 | 5.4 |
| TBV8-8 | 026613099361 | 1/2" OD Flare x 1/2" FIP | 10 | 3.9 |
| TBV6-8 | 026613099347 | 3/8" OD Flare x 1/2" FIP | 10 | .2 |
| TBV6F-8 | 026613099354 | 3/8" OD Flare (9/16-24 Thread) x 1/2" FIP | 10 | 3.5 |

*Except where noted

## Flare x FIP - Angle

| PART NO. | UPC | DESCRIPTION | QTY | LBS |
|---|---|---|---|---|
| TBVA10-12 | 026613099392 | 5/8" OD Flare (15/16-16 Thread) x 3/4" FIP | 10 | .3 |
| TBVA8-8 | 026613100241 | 1/2" OD Flare x 1/2" FIP | 10 | 5.3 |
| TBVA6-8 | 026613100258 | 3/8" OD Flare x 1/2" FIP | 10 | 5.3 |

## Flare x Flare

| | | | | |
|---|---|---|---|---|
| TBVF6 | 026613099316 | 3/8" OD Flare x 3/8" OD Flare | 10 | 3.4 |
| TBVF8 | 026613099323 | 1/2" OD Flare x 1/2" OD Flare | 10 | 3.7 |

## FIP x FIP - ECONOMY (China)

| | | | | |
|---|---|---|---|---|
| LBV12 | 026613122069 | 3/4" FIP x 3/4" FIP | 10 | 4.6 |
| LBV8 | 026613122052 | 1/2" FIP x 1/2" FIP | 10 | 3.2 |

# Safety+PLUS®

*Appliance Excess Flow Valves*

The Safety+PLUS excess flow valve helps protect against gas fires and explosions due to line ruptures or disconnects at the appliance. In the event of either, Safety+PLUS immediately restricts gas flow to a non-hazardous level (bypass) to avert the potential for a dangerous release of gas into the home.

Gas flow is controlled only at the appliance where the problem occurred; the rest of the home's system continues to function. Only once the gas line is properly repaired, the valve's bypass flow automatically pressurizes the gas line to reset the valve and restore gas flow to the appliance.

- Automatic Valve Activation
- Automatic Reset
- Easy to Install
- 100% Performance Tested

## FLOW CAPACITY (Btu/h) – *Sizing the Excess Flow Valve*

| | Part No. | Minimum Flow Capacity *(Appliance Btu Rating should be GREATER than)* | Maximum Flow Capacity *(Appliance Btu Rating should be LESS than)* | Closing Flow Rate |
|---|---|---|---|---|
| **3/8" OD Flare (Series 1540)** *Low Demand Installations* | EU2-6-8 | --------- | 48,000 | 95,000 |
| | EU4-6-8 | --------- | 48,000 | 95,000 |
| **1/2" OD Flare (Series 1540)** *Low to Moderate Demand Installations* | EU2-8L | --------- | 60,500 | 95,000 |
| | EU4-8L | --------- | 60,500 | 95,000 |
| | EU4-8-12L | --------- | 60,500 | 95,000 |
| **1/2" OD Flare (Series 1550)** *Moderate to Large Demand Installations* | EU2-8 | 60,501 | 102,000 | 135,000* |
| **5/8" OD Flare (15/16-16 Thread) [Series 1550]** *Moderate to Large Demand Installations* | MEU1-10-12L | 60,501 | 102,000 | 135,000* |
| | MEU2-10-12L | 60,501 | 102,000 | 135,000* |
| | MEU5-10L | 60,501 | 102,000 | 135,000* |
| **5/8" OD Flare (15/16-16 Thread) [Series 1560]** *Large Demand Installations* | MEU1-10-12 | 75,000 | 135,000 | 195,000 |
| | MEU2-10-8 | 75,000 | 135,000 | 195,000 |
| | MEU2-10-12 | 75,000 | 135,000 | 195,000 |
| | MEU5-10 | 75,000 | 135,000 | 195,000 |

**NOTE:** All Safety+PLUS valves require a minimum inlet pressure of 4" W.C. and are rated at a maximum inlet pressure of 1/2" psig. All Safety+PLUS valves have a maximum 5 SCFH bypass flow rate. Flow rates given are for 0.6 specific gravity natural gas with an average heating value of 1,000 Btu per cubic foot; therefore, 1 kBth/h is equal to 1 SCFH (standard cubic foot per hour).
*When the excess flow valve is installed in the vertical downward position (flow arrows pointing toward the floor), the closing flow rate is 110,000 Btu/h.

## 5/8" OD - Flare x FIP

| PART NO. | UPC | DESCRIPTION | QTY | LBS | USE WITH CONNECTOR |
|---|---|---|---|---|---|
| MEU1-10-12 P | 026613117003 | 5/8" OD (15/16-16 Thread) Flare x 3/4" FIP - Brass (1560 capsule) | 5 | 1.4 | CSSC |
| MEU1-10-12L P | 026613132242 | 5/8" OD (15/16-16 Thread) Flare x 3/4" FIP - Brass (1550 capsule) | 5 | 1.4 | CSSC |

## 5/8" OD - Flare x MIP

| PART NO. | UPC | DESCRIPTION | QTY | LBS | USE WITH CONNECTOR |
|---|---|---|---|---|---|
| MEU2-10-12 P | 026613117010 | 5/8" OD (15/16-16 Thread) Flare x 3/4" MIP (1/2" FIP)- Brass (1560 capsule) | 5 | 1.5 | CSSC |
| MEU2-10-12L P | 026613132259 | 5/8" OD (15/16-16 Thread) Flare x 3/4" MIP (1/2" FIP) - Brass (1550 capsule) | 5 | 1.5 | CSSC |
| MEU2-10-8 P | 026613117027 | 5/8" OD (15/16-16 Thread) Flare x 1/2" MIP (no FIP tap) - Brass (1560 capsule) | 5 | 1.4 | CSSC |

## 5/8" OD - Flare x Female Flare

| PART NO. | UPC | DESCRIPTION | QTY | LBS | USE WITH CONNECTOR |
|---|---|---|---|---|---|
| MEU5-10 P | 026613116853 | 5/8" OD (15/16-16 Thread) Flare x 5/8" OD Female Flare - Brass (1560 capsule) | 5 | 1.7 | CSSC |
| MEU5-10L P | 026613132273 | 5/8" OD (15/16-16 Thread) Flare x 5/8" OD Female Flare - Brass (1550 capsule) | 5 | 1.7 | CSSC |

## 1/2" OD - Flare x MIP

| PART NO. | UPC | DESCRIPTION | QTY | LBS | USE WITH CONNECTOR |
|---|---|---|---|---|---|
| EU2-8 P | 026613116891 | 1/2" OD Flare x 1/2" MIP (3/8" FIP) - Brass (1550 capsule) | 5 | 1.2 | CSSD |
| EU2-8L P | 026613119724 | 1/2" OD Flare x 1/2" MIP (3/8" FIP) - Brass (1540 capsule) | 5 | 1.2 | CSSD |

## 1/2" OD - Flare x Female Flare

| PART NO. | UPC | DESCRIPTION | QTY | LBS | USE WITH CONNECTOR |
|---|---|---|---|---|---|
| EU4-8L | | 1/2" OD Flare x 1/2" Female Flare (3/4" MIP) - Brass (1540 capsule) | 0 | 1.4 | CSSD |
| EU4-8-12L P | 026613119687 | 1/2" OD Flare x 1/2" Female Flare (3/4" MIP) - Brass (1540 capsule) | 5 | 1.4 | CSSD |

## 3/8" OD - Flare x MIP

| PART NO. | UPC | DESCRIPTION | QTY | LBS | USE WITH CONNECTOR |
|---|---|---|---|---|---|
| EU2-6-8 P | 026613116884 | 3/8" OD Flare x 1/2" MIP (3/8" FIP) - Brass (1540 capsule) | 5 | 1.1 | CSSL |

## 3/8" OD - Flare x Female Flare

| PART NO. | UPC | DESCRIPTION | QTY | LBS | USE WITH CONNECTOR |
|---|---|---|---|---|---|
| EU4-6-8 P | 026613116914 | 3/8" OD Flare x 3/8" Female Flare (1/2" MIP) - Brass (1540 capsule) | 5 | 1.2 | CSSL |

# GAS FITTINGS

BrassCraft®

| PART NO. | UPC | DESCRIPTION | QTY | LBS |
|---|---|---|---|---|
| **Flare x FIP** | | | USE WITH CONNECTOR | CSSB |
| AU1-14-12 | 026613132846 | 7/8" OD Flare x 3/4" FIP - Steel | 10 | 1.8 |
| AU1-14-16 | 026613132853 | 7/8" OD Flare x 1" FIP - Steel | 10 | 2.9 |
| **Flare x MIP** | | | USE WITH CONNECTOR | CSSB |
| AU2-14-12 | 026613132860 | 7/8" OD Flare x 3/4" MIP (1/2" FIP) - Steel | 10 | 2.6 |
| AU2-14-16 | 026613132877 | 7/8" OD Flare x 1" MIP (3/4" FIP) - Steel | 10 | 4.2 |
| **Flare x FIP** | | | USE WITH CONNECTOR | CSSC |
| MAU1-10-12S | 026613082660 | 5/8" OD (15/16-16 Thread) Flare x 3/4" FIP - Steel | 25 | 4.7 |
| MAU1-10-8S | 026613088570 | 5/8" OD (15/16-16 Thread) Flare x 1/2" FIP - Steel | 25 | 4.2 |
| MAE1-10-12 | 026613084213 | 5/8" OD (15/16-16 Thread) Flare x 3/4" FIP - Brass | 25 | 8.1 |
| **Flare x MIP** | | | USE WITH CONNECTOR | CSSC |
| MAU2-10-12S | 026613082677 | 5/8" OD (15/16-16 Thread) Flare x 3/4" MIP (1/2" FIP) - Steel | 25 | 6.2 |
| MAU2-10-8S | 026613082684 | 5/8" OD (15/16-16 Thread) Flare x 1/2" MIP - Steel | 25 | 4.8 |
| **Female Flare x FIP** | | | USE WITH CONNECTOR | CSSC |
| AU7-10-8 P | 026613159355 | 5/8" Female Flare x 1/2" FIP - Brass | 5 | 1.2 |
| **Flare Caps** | | | USE WITH CONNECTOR | CSSC |
| M40-10 | 026613052069 | 5/8" OD (15/16-16 Thread) Flare - Brass | 10 | 1.0 |
| **Gas Connector Nuts** | | | USE WITH CONNECTOR | CSSC |
| ASN-10 | 026613082387 | 5/8" OD (15/16-16 Thread) Flare - Brass | 25 | 2.7 |
| **Flare x FIP** | | | USE WITH CONNECTOR | CSSD |
| AU1-8-12S | 026613088518 | 1/2" OD Flare x 3/4" FIP - Brass | 25 | 3.3 |
| AU1-8S | 026613088532 | 1/2" OD Flare x 1/2" FIP - Steel | 25 | 3.1 |
| **Flare x MIP** | | | USE WITH CONNECTOR | CSSD |
| AU2-8-12S | 026613088563 | 1/2" OD Flare x 3/4" MIP (1/2" FIP) - Steel | 25 | 7.2 |
| AU2-8S | 026613082646 | 1/2" OD Flare x 1/2" MIP (3/8" FIP) - Steel | 25 | 3.5 |
| AU2-8-6S | 026613053707 | 1/2" OD Flare x 3/8" MIP - Steel | 10 | 1.1 |

## Flare Caps

| PART NO. | UPC | DESCRIPTION | USE WITH CONNECTOR | QTY | LBS |
|---|---|---|---|---|---|
| 40-8 | 026613004938 | 1/2" OD Tube - Brass | CSSD | 10 | .4 |

## Flare Nuts - Short

| PART NO. | UPC | DESCRIPTION | USE WITH CONNECTOR | QTY | LBS |
|---|---|---|---|---|---|
| 41S-8 | 026613004990 | 1/2" OD Tube - Brass | CSSD | 10 | .7 |

## Female Flare x MIP

| PART NO. | UPC | DESCRIPTION | USE WITH CONNECTOR | QTY | LBS |
|---|---|---|---|---|---|
| AU6-8-6 P | 026613159348 | 1/2" Female Flare x 3/3/8" MIP - Brass | CSSD | 5 | .7 |

## Flare x FIP

| PART NO. | UPC | DESCRIPTION | USE WITH CONNECTOR | QTY | LBS |
|---|---|---|---|---|---|
| AU1-6-8S | 026613106717 | 3/8" OD Flare x 1/2" FIP - Steel | CSSL | 25 | 2.8 |
| AU1-6S | 026613088501 | 3/8" OD Flare x 3/8" FIP - Steel | CSSL | 25 | 1.9 |

## Flare x MIP

| PART NO. | UPC | DESCRIPTION | USE WITH CONNECTOR | QTY | LBS |
|---|---|---|---|---|---|
| AU2-6-8S | 026613106724 | 3/8" OD Flare x 1/2" MIP (3/8" FIP) - Steel | CSSL | 25 | 3.2 |
| AU2-6S | 026613088549 | 3/8" OD Flare x 3/8" MIP - Steel | CSSL | 25 | 2.5 |

## Flare Caps

| PART NO. | UPC | DESCRIPTION | USE WITH CONNECTOR | QTY | LBS |
|---|---|---|---|---|---|
| 40-6 | 026613004921 | 3/8" OD Tube - Brass | CSSL | 10 | .4 |

## Flare Nuts - Short

| PART NO. | UPC | DESCRIPTION | USE WITH CONNECTOR | QTY | LBS |
|---|---|---|---|---|---|
| 41S-6 | 026613004976 | 3/8" OD Tube - Brass | CSSL | 10 | .5 |

| PART NO. | UPC | DESCRIPTION | QTY | LBS |
|---|---|---|---|---|
| **Fine Thread Flare Female Adaptors** | | **USE WITH CONNECTOR** | **CSST** | |
| F10-6S | 026613060613 | 3/8" OD (9/16-24 Thread) Flare x 3/8" FIP - Steel | 25 | 1.5 |
| F12-6-8S | 026613060620 | 3/8" OD (9/16-24 Thread) Flare x 1/2" FIP - Steel | 10 | 1.0 |

| | | | | |
|---|---|---|---|---|
| **Fine Thread Flare Male Adaptors** | | **USE WITH CONNECTOR** | **CSST** | |
| FRC13-6-8S | 026613060668 | 3/8" OD (9/16-24 Thread) Flare x 1/2" MIP (3/8" FIP Tap) - Steel | 10 | 1.2 |

| | | | | |
|---|---|---|---|---|
| **Fine Thread Flare Male Elbows** | | **USE WITH CONNECTOR** | **CSST** | |
| FRC16-6 | 026613064031 | 3/8" OD Tube (9/16-24 Thread) x 3/8" MIP - Brass | 10 | 1.0 |
| FRC18-6-8 | 026613064048 | 3/8" OD Tube (9/16-24 Thread) x 1/2" MIP - Brass | 10 | 1.3 |

| | | | | |
|---|---|---|---|---|
| **Fine Thread Flare Tees** | | **USE WITH CONNECTOR** | **CSST** | |
| FT3-6 | 026613064055 | 3/8" OD Tube (9/16-24 Thread), All 3 Ends - Brass | 10 | 1.4 |

| | | | | |
|---|---|---|---|---|
| **Fine Thread Flare Unions** | | **USE WITH CONNECTOR** | **CSST** | |
| FU3-6 | 026613005119 | 3/8" OD Tube (9/16-24 Thread), Both Ends - Brass | 10 | .5 |

| | | | | |
|---|---|---|---|---|
| **Fine Thread Flare Caps** | | **USE WITH CONNECTOR** | **CSST** | |
| FC-6 | 026613059037 | 3/8" OD Tube (9/16-24 Thread) - Brass | 10 | .3 |

| | | | | |
|---|---|---|---|---|
| **Fine Thread Flare Nuts** | | **USE WITH CONNECTOR** | **CSST** | |
| F0-6 | 026613004785 | 3/8" OD Tube (9/16-24 Thread) - Brass | 10 | .2 |

| | | | | |
|---|---|---|---|---|
| **Fine Thread Flare Reducing Nuts** | | **USE WITH CONNECTOR** | **CSST** | |
| F0-6-4 R | 026613058962 | 3/8" OD Tube (9/16-24 Thread) x 1/4" OD Tube - Brass | 10 | .3 |

# Part Numbering System

*Example:*

| B W B | 0 8 | - | 2 4 |
|---|---|---|---|
| Type | Size and Style | | Length |
| Speedi Plumb® PLUS Connector | 3/4" FIP Inlet x 7/8" OD Compression Outlet | | 24" Nominal Connector Length |

B W B

Type

## Connector Type

| | |
|---|---|
| **BWB** | Speedi Plumb® PLUS Engineered Polymer Braid; .57" ID w/Fittings |
| **SWB** | ProCoat® Corrugated Stainless Steel; 3/4" ID Nut x Nut |
| **WB** | Copper-Flex™ Corrugated Copper; 7/8" OD w/Fittings |
| **WC** | Copper-Flex™ Corrugated Copper; 7/8" OD w/3/4" Nom Copper Sweat |

0 8

Size and Style

## End Fitting Size and Style

**For BWB:**

| | |
|---|---|
| **0** | 3/4" FIP |
| **1** | 1" FIP |
| **2** | 3/4" MIP |
| **5** | 5/8" OD Compression |
| **8** | 7/8" OD Compression |
| **PX** | PX Suffix = 3/4" PEX Barbed |

**For SWB, WB, WC:**

| | |
|---|---|
| **0** | 3/4" FIP |
| **1** | 1" FIP |
| **2** | 3/4" MIP/FIP |
| **3** | 3/4" Nom Male Sweat (7/8" OD) |
| **4** | 3/4" Nom Female Sweat (7/8" ID) |
| **5** | 1/2" Nom Male Sweat (5/8" OD) |
| **6** | 1/2" Nom Female Sweat (5/8" ID) |
| **7** | 3/4" PEX Barbed |

2 4

Length

## Nominal Connector Length in Inches

Most connectors available in lengths from 12" to 24". Check listing for specific lengths available.

# Speedi Plumb® PLUS Polymer Braided Water Heater Connectors

*Superior Flexibility, Superior Corrosion Resistance*

## No Kinking, No Crimping

The patented polymer braided jacket is specially engineered to allow the connector to bend freely without kinking or crimping. Easy to install, the connector won't work harden with repeated bending.

## Advanced Corrosion Resistance

The polymer braid is specially engineered to resist corrosion from harsh household cleaning and repair products.

## No Dielectric Union Needed

The engineered polymer braid and rubber core are non-conductive materials and therefore eliminate the need for a dielectric union.

## Less Torque to Seal

Rubber washer is easier to install on rough nipple surfaces.

## Longer Connector Nuts

A greater number of thread-to-thread contact provides a better seal to lined nipples.

| PART NO. | UPC | DESCRIPTION | LENGTH | QTY | LBS |
|---|---|---|---|---|---|
| **.57" ID Tube - FIP X FIP** | | | | | |
| BWB0-12 | 026613965321 | 3/4" FIP x 3/4" FIP | 12" | 10 | 4.7 |
| BWB0-15 | 026613965406 | 3/4" FIP x 3/4" FIP | 15" | 10 | 5.3 |
| BWB0-18 | 026613965413 | 3/4" FIP x 3/4" FIP | 18" | 10 | 5.8 |
| BWB0-24 | 026613965420 | 3/4" FIP x 3/4" FIP | 24" | 10 | 6.9 |
| **.57" ID Tube - FIP X Compression** | | | | | |
| BWB05-18 | 026613120836 | 3/4" FIP x 5/8" OD Comp | 18" | 10 | 6.0 |
| BWB08-12 | 026613965369 | 3/4" FIP x 7/8" OD Comp | 12" | 10 | 5.5 |
| BWB08-18 | 026613965383 | 3/4" FIP x 7/8" OD Comp | 18" | 10 | 6.6 |
| BWB08-24 | 026613965390 | 3/4" FIP x 7/8" OD Comp | 24" | 10 | 7.7 |
| **.57" ID Tube - MIP X FIP** | | | | | |
| BWB20-12 | 026613965437 | 3/4" MIP x 3/4" FIP | 12" | 10 | 5.1 |
| BWB20-15 | 026613965444 | 3/4" MIP x 3/4" FIP | 15" | 10 | 5.7 |
| BWB20-18 | 026613965451 | 3/4" MIP x 3/4" FIP | 18" | 10 | 6.3 |
| BWB20-24 | 026613965468 | 3/4" MIP x 3/4" FIP | 24" | 10 | 7.3 |

*BrassCraft Manufacturing is in compliance with the National Reduction of Lead in Drinking Water Act which becomes effective nationwide on January 4, 2014. This legislation changes the legal definition of "lead free" from 8% lead to a weighted average lead content of 0.25% with respect to wetted surfaces.

BrassCraft®

# WATER HEATER CONNECTORS

## .57" ID Tube - MIP x Compression

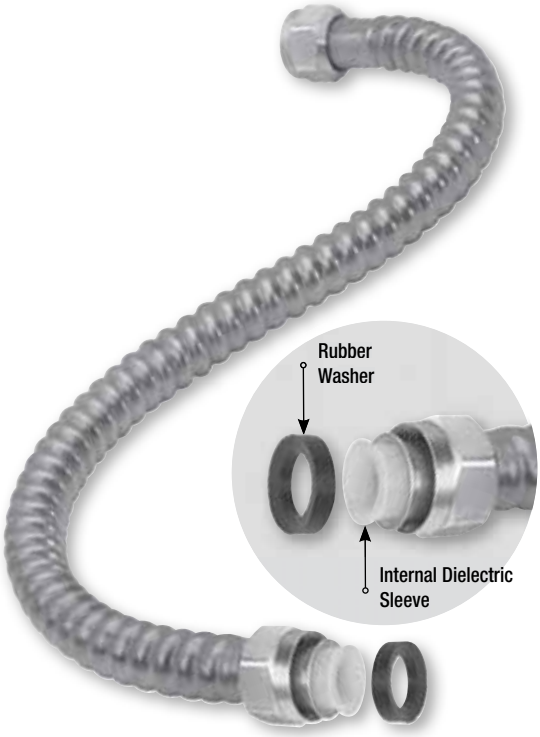
| PART NO. | UPC | DESCRIPTION | LENGTH | QTY | LBS |
|---|---|---|---|---|---|
| BWB25-18 | 026613100333 | 3/4" MIP X 5/8" OD Comp | 18" | 10 | 6.3 |
| BWB28-18 | 026613965345 | 3/4" MIP x 7/8" OD Comp | 18" | 10 | 7.0 |
| BWB28-24 | 026613965352 | 3/4" MIP x 7/8" OD Comp | 24" | 10 | 8.1 |

## .57" ID Tube - FIP X PEX

| PART NO. | UPC | DESCRIPTION | LENGTH | QTY | LBS |
|---|---|---|---|---|---|
| BWB0-18PX | 026613107141 | 3/4" FIP x 3/4" Nom PEX Barb | 18" | 10 | 6.8 |

# Copper-Flex™ Water Heater Connectors

*Patented Resistance Against Galvanic Corrosion*




## Patented Internal Dielectric Sleeve

Effectively separates dissimilar metals within the waterway to prevent galvanic corrosion.

## No Dielectric Union Needed

Dielectric sleeve eliminates the need for a dielectric union (plastic lined nipple).

## Less Torque to Seal

Rubber washer is more resilient than PEX and easier to install on rough nipple surfaces.

## Longer Connector Nuts

A greater number of thread-to-thread contact provides a better seal to lined nipples.

## Available for PEX connections

| PART NO. | UPC | DESCRIPTION | LENGTH | QTY | LBS |
|---|---|---|---|---|---|
| **7/8" OD Tube - FIP X FIP** | | | | | |
| WB00-12N | 026613089287 | 3/4" FIP x 3/4" FIP | 12" | 25 | 9.7 |
| WB00-15N | 026613089300 | 3/4" FIP x 3/4" FIP | 15" | 25 | 11.9 |
| WB00-18N | 026613089331 | 3/4" FIP x 3/4" FIP | 18" | 25 | 13.1 |
| WB00-24N | 026613089348 | 3/4" FIP x 3/4" FIP | 24" | 25 | 16.5 |
| WB10-18N | 026613131504 | 1" FIP x 3/4" FIP | 18" | 25 | 17.1 |
| **7/8" OD Tube - FIP x Male Sweat** | | | | | |
| WB03-12N | 026613089362 | 3/4" FIP x 3/4" Nom Male Sweat (7/8" OD) | 12" | 25 | 8.1 |
| WB03-15N | 026613089379 | 3/4" FIP x 3/4" Nom Male Sweat (7/8" OD) | 15" | 25 | 10.3 |
| WB03-18N | 026613089386 | 3/4" FIP x 3/4" Nom Male Sweat (7/8" OD) | 18" | 25 | 11.5 |
| WB03-24N | 026613089393 | 3/4" FIP x 3/4" Nom Male Sweat (7/8" OD) | 24" | 25 | 14.9 |
| **7/8" OD Tube - FIP x Male/Female Sweat** | | | | | |
| WB034-12N | 026613089409 | 3/4" FIP x 3/4" Nom Male/Female Sweat (7/8" ID) | 12" | 25 | 8.1 |
| WB034-15N | 026613089416 | 3/4" FIP x 3/4" Nom Male/Female Sweat (7/8" ID) | 15" | 25 | 10.3 |
| WB034-18N | 026613089423 | 3/4" FIP x 3/4" Nom Male/Female Sweat (7/8" ID) | 18" | 25 | 11.5 |
| WB034-24N | 026613093710 | 3/4" FIP x 3/4" Nom Male/Female Sweat (7/8" ID) | 24" | 25 | 14.9 |
| WB134-18N | 026613110608 | 1" FIP x 3/4" Nom Male/Female Sweat (7/8" ID) | 18" | 25 | 15.5 |
| WB134-24N | 026613110615 | 1" FIP x 3/4" Nom Male/Female Sweat (7/8" ID) | 24" | 25 | 19.2 |

**WARNING**: For use with water in accessible locations only. DO NOT use with gas – gas will cause corrosion and leakage.

# WATER HEATER CONNECTORS

## 7/8" OD Tube - FIP x PEX Barb

| PART NO. | UPC | DESCRIPTION | LENGTH | QTY | LBS |
|---|---|---|---|---|---|
| WB07-18 | 026613048871 | 3/4" FIP x 3/4" PEX Barb (brass, pre-torqued) | 18" | 25 | 16.5 |
| WB07-24 | 026613100661 | 3/4" FIP x 3/4" PEX Barb (brass, pre-torqued) | 24" | 25 | 20.2 |

## 7/8" OD Tube - FIP/MIP x PEX Barb

| | | | | | |
|---|---|---|---|---|---|
| WB27-18 | 026613107950 | 3/4" FIP/MIP x 3/4" PEX Barb (brass, pre-torqued) | 18" | 25 | 20.2 |

## 7/8" OD Tube - FIP/MIP x FIP

| | | | | | |
|---|---|---|---|---|---|
| WB20-12N | 026613108254 | 3/4" FIP/MIP x 3/4" FIP | 12" | 25 | 14.1 |
| WB20-15N | 026613110394 | 3/4" FIP/MIP x 3/4" FIP | 15" | 25 | 15.8 |
| WB20-18N | 026613097695 | 3/4" FIP/MIP x 3/4" FIP | 18" | 25 | 18.2 |
| WB20-24N | 026613097701 | 3/4" FIP/MIP x 3/4" FIP | 24" | 25 | 21.9 |

## 7/8" OD Tube - FIP/MIP x Male Sweat

| | | | | | |
|---|---|---|---|---|---|
| WB23-18N | 026613094762 | 3/4" FIP/MIP x 3/4" Nom Male Sweat (7/8" OD) | 18" | 25 | 16.6 |

## 7/8" OD Tube - FIP/MIP x Male/Female Sweat

| | | | | | |
|---|---|---|---|---|---|
| WB234-12N | 026613093727 | 3/4" FIP/MIP x 3/4" Nom Male/Female Sweat (7/8" ID) | 12" | 25 | 12.5 |
| WB234-15N | 026613093734 | 3/4" FIP/MIP x 3/4" Nom Male/Female Sweat (7/8" ID) | 15" | 25 | 14.2 |
| WB234-18N | 026613093741 | 3/4" FIP/MIP x 3/4" Nom Male/Female Sweat (7/8" ID) | 18" | 25 | 16.6 |
| WB234-24N | 026613093758 | 3/4" FIP/MIP x 3/4" Nom Male/Female Sweat (7/8" ID) | 24" | 25 | 20.3 |



## 7/8" OD Tube - Female Sweat x Female Sweat

| | | | | | |
|---|---|---|---|---|---|
| WC44-12 | 026613008301 | 3/4" Nom Female Sweat (7/8" ID) x 3/4" Nom Female Sweat (7/8" ID) | 12" | 25 | 6.5 |
| WC44-15 | 026613008318 | 3/4" Nom Female Sweat (7/8" ID) x 3/4" Nom Female Sweat (7/8" ID) | 15" | 25 | 8.7 |
| WC44-18 | 026613008325 | 3/4" Nom Female Sweat (7/8" ID) x 3/4" Nom Female Sweat (7/8" ID) | 18" | 25 | 9.9 |
| WC44-24 | 026613008332 | 3/4" Nom Female Sweat (7/8" ID) x 3/4" Nom Female Sweat (7/8" ID) | 24" | 25 | 13.3 |
| WC66-12 | 026613008424 | 1/2" Nom Female Sweat (5/8" ID) x 1/2" Nom Female Sweat (5/8" ID) | 12" | 25 | 6.4 |



## 7/8" OD Tube - Female Sweat x Male Sweat

| | | | | | |
|---|---|---|---|---|---|
| WC43-12 | 026613008264 | 3/4" Nom Female Sweat (7/8" ID) x 3/4" Nom Male Sweat (7/8" OD) | 12" | 25 | 6.5 |
| WC43-15 | 026613008271 | 3/4" Nom Female Sweat (7/8" ID) x 3/4" Nom Male Sweat (7/8" OD) | 15" | 25 | 8.7 |
| WC43-18 | 026613008288 | 3/4" Nom Female Sweat (7/8" ID) x 3/4" Nom Male Sweat (7/8" OD) | 18" | 25 | 9.9 |
| WC43-24 | 026613008295 | 3/4" Nom Female Sweat (7/8" ID) x 3/4" Nom Male Sweat (7/8" OD) | 24" | 25 | 13.3 |
| WC65-12 | 026613008387 | 1/2" Nom Female Sweat (5/8" ID) x 1/2" Nom Male Sweat (5/8" OD) | 12" | 25 | 6.4 |
| WC65-15 | 026613008394 | 1/2" Nom Female Sweat (5/8" ID) x 1/2" Nom Male Sweat (5/8" OD) | 15" | 25 | 8.6 |
| WC65-18 | 026613008400 | 1/2" Nom Female Sweat (5/8" ID) x 1/2" Nom Male Sweat (5/8" OD) | 18" | 25 | 9.8 |
| WC65-24 | 026613008417 | 1/2" Nom Female Sweat (5/8" ID) x 1/2" Nom Male Sweat (5/8" OD) | 24" | 25 | 13.2 |

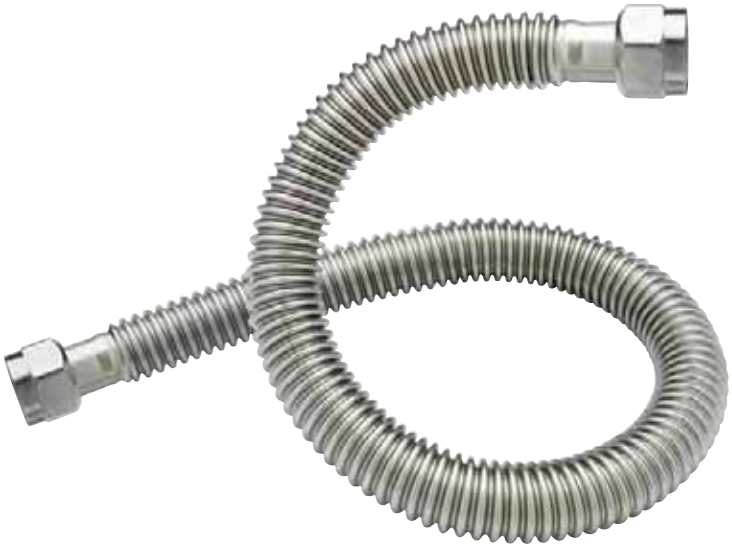
# WATER HEATER CONNECTORS

BrassCraft®

| PART NO. | UPC | DESCRIPTION | LENGTH | QTY | LBS |
|---|---|---|---|---|---|
| **7/8" OD Tube - Male Sweat x Male Sweat** | | | | | |
| WC33-12 | 026613008202 | 3/4" Nom Male Sweat (7/8" OD) x 3/4" Nom Male Sweat (7/8" OD) | 12" | 25 | 6.5 |
| WC33-18 | 026613008226 | 3/4" Nom Male Sweat (7/8" OD) x 3/4" Nom Male Sweat (7/8" OD) | 18" | 25 | 9.9 |
| WC33-24 | 026613008233 | 3/4" Nom Male Sweat (7/8" OD) x 3/4" Nom Male Sweat (7/8" OD) | 24" | 25 | 13.3 |
| WC55-18 | 026613008363 | 1/2" Nom Male Sweat (5/8" OD) x 1/2" Nom Male Sweat (5/8" OD) | 18" | 25 | 9.8 |

# ProCoat® Coated Stainless Steel Water Heater Connectors

*Greater Flexibility, Superior Corrosion Resistance*



## Exclusive ProCoat® Clear Coat

Provides superior corrosion resistance to deterioration from harsh chemicals that can cause pin hole leaks.

## Full Flow, Maximum Performance

With 3/4" full flow internal diameter, our connectors provide greater water flow without obstruction.

## Integrated Dielectric Sleeve

Isolates dissimilar metals within the waterway, where galvanic and electrolytic corrosion have their greatest potential.

## No Dielectric Union Needed

Integrated dielectric sleeve eliminates the need to install an additional dielectric union, reducing time and installation costs.

## 100% Leak Tested

Prior to coating application to ensure connector performance and reliability.

| PART NO. | UPC | DESCRIPTION | LENGTH | QTY | LBS |
|---|---|---|---|---|---|
| **3/4" ID Tube - FIP x FIP** | | | | | |
| SWB00-12N | 026613142562 | (3/4" ID) 3/4" FIP x 3/4" FIP | 12" | 25 | 7.4 |
| SWB00-15N | 026613142579 | (3/4" ID) 3/4" FIP x 3/4" FIP | 15" | 25 | 9.0 |
| SWB00-18N | 026613142586 | (3/4" ID) 3/4" FIP x 3/4" FIP | 18" | 25 | 9.5 |
| SWB00-24N | 026613142593 | (3/4" ID) 3/4" FIP x 3/4" FIP | 24" | 25 | 11.5 |
| **3/4" ID Tube - FIP x FIP PEX Barb** | | | | | |
| SWB07-18N | 026613156781 | 3/4" ID Tube - FIP x FIP PEX Barb | 18" | 25 | 12.9 |

*BrassCraft Manufacturing is in compliance with the National Reduction of Lead in Drinking Water Act which becomes effective nationwide on January 4, 2014. This legislation changes the legal definition of "lead free" from 8% lead to a weighted average lead content of 0.25% with respect to wetted surfaces.

**WARNING**: For use with water in accessible locations only. DO NOT use with gas – gas will cause corrosion and leakage.

# WATER HEATER CONNECTORS

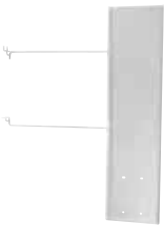
BrassCraft®

| PART NO. | UPC | DESCRIPTION | LENGTH | QTY | LBS |
|---|---|---|---|---|---|
| **Adaptors** | | | | | |
| WRU-12-12X | 026613154213 | Male Adaptor 3/4-14 Straight Male Pipe Thread x 3/4" MIP | | 25 | 4.5 |
| WRU-16-12X | 026613158440 | Male Adaptor 3/4-14 Straight Male Pipe Thread x 1" MIP | | 10 | 3.0 |
| WRU-12PXX | 026613158518 | 3/4" MIP X 3/4" Nom PEX Brass Barb | | 10 | 1.1 |
| **Pipe Reducer Bushings** | | | | | |
| PRB-12-8X | 026613151281 | 3/4" MIP x 1/2" FIP | 5 | 5 | .4 |
| **Washers** | | | | | |
| WRJ | 026613051963 | Washer 1.020" OD x .687" ID x .240" Thick. For Copper Connectors with an Internal Dielectric Sleeve | | 25 | .1 |
| WWCD | 026613051970 | Washer .940" OD x .675" ID x .218" Thick. For Copper Connectors with an External Dielectric Sleeve | | 25 | .1 |

| | PART NO. | DESCRIPTION |
|---|---|---|
| | | **Water Heater Connector Displays** |
| | BC203 | Water Heater Connector Rack w/ProCoat and Copper-Flex™ Header - 6.5" High x 5.5" Wide |
| | BC8491 | Polymer Braided Water Heater Connector Header for Rack - 6.5" High x 5.5" Wide |
| | | **Signage / Literature** |
| | BC8471 | Safety+PLUS® Gas Connector Take-With Brochure - 9" High x 11" Wide |
| | BC8473 | Procoat Gas® Connector Take-With Brochure - 9" High x 10.75" Wide |
| | BC8481 | Safety+PLUS® Aisle Header - Horizontal - 8" High x 24" Wide |
| | BC8482 | Safety+PLUS® Advantage Divider - Vertical - 24" High x 6" Wide |
| | BC8492 | Procoat® Aisle Header - Horizontal - 8" High x 24" Wide |
| | BC8493 | Procoat® Aisle Header - Vertical - 24" High x 6" Wide |

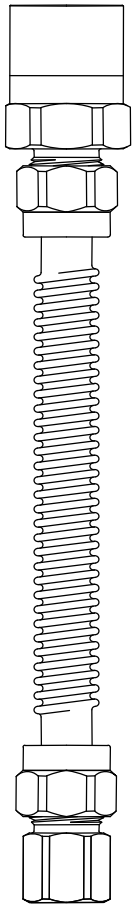
# POINT OF PURCHASE

BrassCraft®

| PART NO. | DESCRIPTION | |
|---|---|---|
| **Gas Connector Displays** | | |
| BC8501 | Gas Connector Rack with ProCoat® Header - 11" High x 18" Wide | |
| BC8502 | Gas Connector Rack with Safety+PLUS® Header - 11" High x 18" Wide | |
| BC8503 | ProCoat® Large Diameter Gas Connector Rack - 6.5" High x 5.5" Wide | |
| **Merchandising Aides** | | |
| DD6000 | Wire Brochure Holder - 5" High x 4.25" Wide x 2.75" Deep | |
| DIH824 | Aisle Header Plastic Mounting Frame - 8.5" High x 24.25" Wide | |
| PS8024 | Metal Vertical Divider Holder - 24" High x 6" Wide |  |

## *SAFETY+PLUS® GAS APPLIANCE CONNECTORS*

***Use:*** For use with indoor and outdoor connections of gas appliances to gas piping system. May be used with natural, manufactured, mixed and liquefied petroleum (LP or propane) gases, and LP gas-air mixtures.



***EFV Design Features:***

- **Helps prevent gas fires & explosions** due to gas line ruptures or disconnects at the appliance
- **Automatic valve activation** immediately restricts gas flow to a non-hazardous level to help avert a dangerous build up of gas in the home
- **Automatic reset** once the gas line has been properly repaired
- **24 hour, maintenance-free protection** for the life of the product with no parts to wear, break, or misalign over time
- **100%** performance tested

***Connector Design Features:***

- **Superior corrosion resistance** coating to protect against harsh chemicals found in common household cleaning, plumbing repair, and masonry products
- **UV rays & salt resistant,** ProCoat® gas connectors are certified for indoor & outdoor use
- **Outperforms industry standards for torsion** (1.5X) without compromising the integrity of the coating or connector
- **Outperforms industry standard for repeated bending** (2X) without compromising the integrity of the coating or connector
- **100%** performance tested

***Operating Specifications:***

***Temperature:*** 32° - 150° F

***Pressure:*** 1/2 PSI maximum

| ***MATERIAL SPECIFICATIONS*** | |
|---|---|
| ***Tubing*** | *Stainless steel* |
| ***Coating*** | *Polymer blend* |
| ***Nut*** | *Steel* |
| ***Standard Fitting*** | *Steel* |

***CONNECTOR FLOW CAPACITY – NATURAL GAS (Straight Length)***

| MODEL | I.D. | 12” | 18” | 24” | 30” | 36” | 48” | 60” | 72” |
|---|---|---|---|---|---|---|---|---|---|
| CSSC | 1/2” | 180,000 | 164,200 | 150,000 | 136,000 | 125,000 | 106,000 | 93,200 | 86,000 |
| CSSD | 3/8” | 102,000 | 93,100 | 85,000 | 77,100 | 71,100 | 60,500 | 53,200 | 49,100 |
| CSSL | 1/4” | 48,000 | 43,800 | 40,000 | 36,400 | 33,400 | 28,300 | 24,900 | 23,100 |

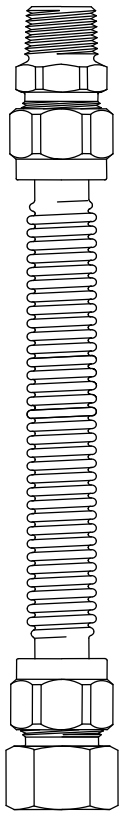
***CONNECTOR FLOW CAPACITY - LPG (PROPANE) (Straight Length)***

| MODEL | I.D. | 12” | 18” | 24” | 30” | 36” | 48” | 60” | 72” |
|---|---|---|---|---|---|---|---|---|---|
| CSSC | 1/2” | 288,000 | 262,720 | 240,000 | 217,600 | 200,000 | 169,600 | 149,120 | 137,600 |
| CSSD | 3/8” | 163,200 | 148,960 | 136,000 | 123,360 | 113,760 | 96,800 | 85,120 | 78,560 |
| CSSL | 1/4” | 76,800 | 70,080 | 64,000 | 58,240 | 53,440 | 45,280 | 39,840 | 36,960 |

***Listings & Certifications:***

- CSA listed to ANSI Z21.24 / CSA 6.10 standard “Connectors for Gas Appliances” (file #204593)
- CSA listed to ANSI Z21.75 / CSA 6.27 standard “Connectors for Outdoor Gas Appliances & Manufactured Homes” (file #204593)

## *PROCOAT® GAS APPLIANCE CONNECTORS*



***Use:*** For use with indoor and outdoor connections of gas appliances to gas piping system. May be used with natural, manufactured, mixed and liquefied petroleum (LP or propane) gases, and LP gas-air mixtures.

***Design Features:***

- **Superior corrosion resistance** coating to protect against harsh chemicals found in common household cleaning, plumbing repair, and masonry products
- **UV rays & salt resistant,** ProCoat® gas connectors are certified for indoor & outdoor use
- **Outperforms industry standards for torsion** (1.5X) without compromising the integrity of the coating or connector
- **Outperforms industry standard for repeated bending** (2X) without compromising the integrity of the coating or connector
- **100%** performance tested

***Operating Specifications:***

***Temperature:*** -40° - 150° F
***Pressure:*** 1/2 PSI maximum

| *MATERIAL SPECIFICATIONS* | |
|---|---|
| ***Tubing*** | *Stainless steel* |
| ***Coating*** | *Polymer blend* |
| ***Nut*** | *Steel* |
| ***Fitting*** | *Steel* |

| *CONNECTOR FLOW CAPACITY – NATURAL GAS (Straight Length)* | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **MODEL** | **I.D.** | **12”** | **18”** | **24”** | **30”** | **36”** | **48”** | **60”** | **72”** |
| CSSB | 3/4” | 290,900 | 290,900 | 290,900 | 270,500 | 255,900 | 215,000 | 197,400 | 173,900 |
| CSSC | 1/2” | 180,000 | 164,200 | 150,000 | 136,000 | 125,000 | 106,000 | 93,200 | 86,000 |
| CSSD | 3/8” | 102,000 | 93,100 | 85,000 | 77,100 | 71,100 | 60,500 | 53,200 | 49,100 |
| CSSL | 1/4” | 48,000 | 43,800 | 40,000 | 36,400 | 33,400 | 28,300 | 24,900 | 23,100 |

| *CONNECTOR FLOW CAPACITY - LPG (PROPANE) (Straight Length)* | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **MODEL** | **I.D.** | **12”** | **18”** | **24”** | **30”** | **36”** | **48”** | **60”** | **72”** |
| CSSB | 3/4” | 465,440 | 465,440 | 465,440 | 432,800 | 409,440 | 344,000 | 315,840 | 278,240 |
| CSSC | 1/2” | 288,000 | 262,720 | 240,000 | 217,600 | 200,000 | 169,600 | 149,120 | 137,600 |
| CSSD | 3/8” | 163,200 | 148,960 | 136,000 | 123,360 | 113,760 | 96,800 | 85,120 | 78,560 |
| CSSL | 1/4” | 76,800 | 70,080 | 64,000 | 58,240 | 53,440 | 45,280 | 39,840 | 36,960 |

***Listings & Certifications:***

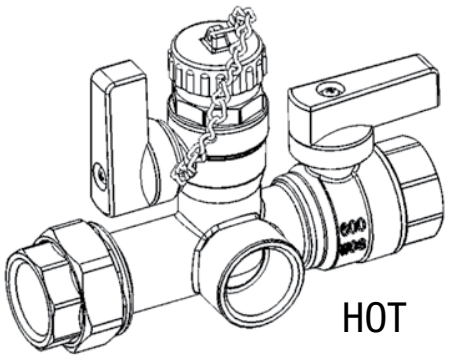
- CSA listed to ANSI Z21.24 / CSA 6.10 standard “Connectors for Gas Appliances” (file #204593)
- CSA listed to ANSI Z21.75 / CSA 6.27 standard “Connectors for Outdoor Gas Appliances & Manufactured Homes” (file #204593)
- The Commonwealth of Massachusetts

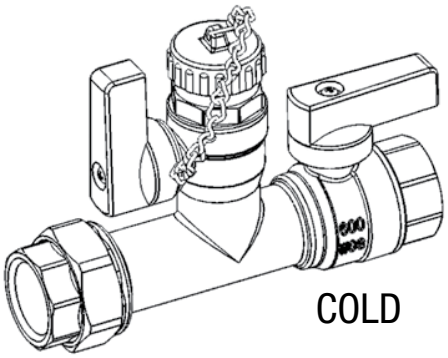
## *TANKLESS WATER HEATER SERVICE VALVES*

***Use:*** For use in potable water distribution systems. Valves are used for water flow control to and from tankless water heater for maintenance of the appliance and emergency shut-off. Valves connect directly to cold water inlet and hot water outlet of the tankless water heater.

***Design Features:***

- **Compact design** ideal for recessed and cover box installations
- **Captive coupling nut & washer** reduces opportunity for component loss making installation easier
- **Captive washer** won't kink or tear during installation
- **Forged, one-piece construction** reduces the potential for pinhole leaks
- **Integrated drain valve** with independent, 1/4 turn operation allows quick system diagnostic testing and maintenance
- **Built-in side port** for the pressure relief valve reduces the number of connections & simplifies the installation
- **Right-sized handles, color-coded** for immediate system identification. Perfect for tight installations
- **Compliant Tankless Service Valves** available for "no-lead" requirements




***Operating Specifications:***

***Temperature:*** 40° - 180° F
***Pressure:*** 125 PSI maximum

***Standard***

| ***MATERIAL SPECIFICATIONS*** | |
|---|---|
| ***Valve Body*** | *Forged brass* |
| ***Stem*** | *Brass* |
| ***Handle*** | *Aluminum, coated* |
| ***Handle Screw*** | *Steel, zinc plated* |
| ***Flat Seal*** | *Rubber* |
| ***Coupling Nut*** | *Forged brass* |
| ***Drain Cap*** | *Forged brass* |
| ***Cap Gasket*** | *Rubber* |
| ***Seat*** | *PTFE* |
| ***Ball*** | *Brass, chrome plated* |

***Compliant***

| ***MATERIAL SPECIFICATIONS*** | |
|---|---|
| ***Valve Body*** | *Compliant forged brass* |
| ***Stem*** | *Compliant brass* |
| ***Handle*** | *Aluminum, coated* |
| ***Handle Screw*** | *Steel, zinc plated* |
| ***Flat Seal*** | *Rubber* |
| ***Coupling Nut*** | *Forged brass* |
| ***Drain Cap*** | *Forged brass* |
| ***Cap Gasket*** | *Rubber* |
| ***Seat*** | *PTFE* |
| ***Ball*** | *Compliant brass, chrome plated* |

***Listings and Certifications:***

- CSA verified to WOG 600 rating
- IAPMO listed to NSF/ANSI 61 (file #N-5427) and IGC 157 (file #5427)
- Compliant product manufactured in compliance with section 116875 of the California Health & Safety Code. IAPMO file #6242.

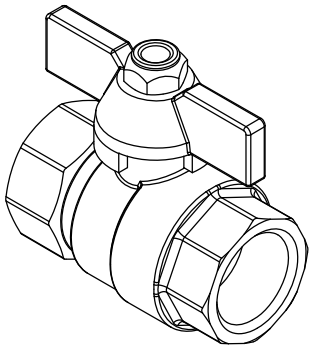
## *FULL-PORT GAS BALL VALVE*

***Use:*** For use with natural, manufactured, mixed, liquefied petroleum (LP) gas, and LP gas-air mixtures.

***The National Fuel Gas Code requires a gas shut-off valve installed upstream, within "easy reach" or 6 feet of the gas appliance*

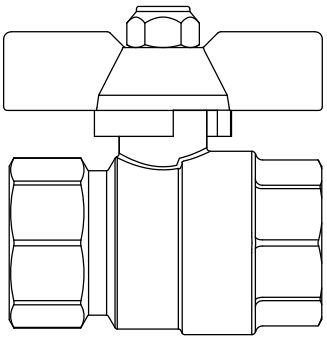
***Design Features:***

- **Heavy duty forged brass body** eliminates pinhole leaks commonly associated with cast products
- **Blow-out proof stem** is assembled from the inside with double o-rings to provide reliable performance
- **Right-sized handles** ensure on/off operation even in tight installations
- **Quarter turn operation** for easy on/off flow control
- **Full flow operation.** Full port design provides abundant water flow without obstruction
- **Approved for** indoor/outdoor use



***Operating Specifications:***

***Temperature:*** -40° - 125° F
***Pressure:*** 5 PSI maximum



| ***MATERIAL SPECIFICATIONS*** | |
|---|---|
| ***Valve Body*** | *Forged brass* |
| ***Retainer*** | *Forged brass* |
| ***Ball*** | *Brass, chrome plated* |
| ***Seat*** | *PTFE* |
| ***Stem*** | *Brass* |
| ***O-ring*** | *High-temperature rubber* |
| ***Washer*** | *PTFE* |
| ***Handle*** | *Aluminum, coated* |
| ***Nut*** | *Steel, zinc plated* |

***Listings and Certifications:***

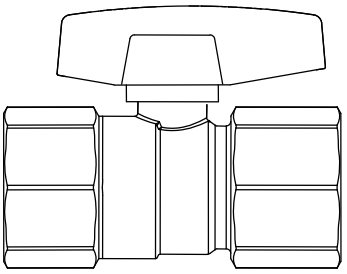
- CSA listed to ANSI Z21.15 / CSA 9.1, ANSI / ASME B16.44 and CGA CR91-002

## *GAS BALL VALVES*

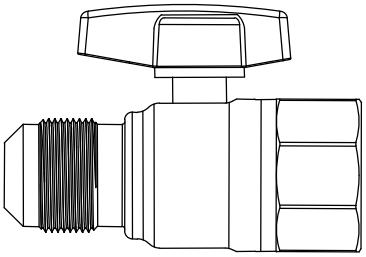
***Use:*** For use with natural, manufactured, mixed, liquefied petroleum (LP) gas, and LP gas-air mixtures.

***The National Fuel Gas Code requires a gas shut-off valve installed upstream, within "easy reach" or 6 feet of the gas appliance*

***Design Features:***



- **Heavy duty forged brass body** eliminates pinhole leaks commonly associated with cast products
- **Blow-out proof stem** is assembled from the inside with double o-rings for reliable performance
- **Right-sized handles** ensure on/off operation even in tight installations
- **Quarter turn operation** for easy on/off flow control
- **PTFE seat** for longer life and consistent performance
- **Approved** for indoor/outdoor use
- **100%** leak tested



***Operating Specifications:***

***Temperature:*** -40° - 125° F*
***Pressure:*** 5 PSI maximum

* TBV6F-8, TBV10-12, and TBVA10-12 are rated for 32°-125° F

| ***MATERIAL SPECIFICATIONS*** | |
|---|---|
| ***Valve Body*** | *Forged brass* |
| ***Retainer*** | *Forged brass* |
| ***Ball*** | *Brass, chrome plated* |
| ***Seat*** | *PTFE* |
| ***Stem*** | *Brass* |
| ***O-ring*** | *High-temperature rubber* |
| ***Handle*** | *Aluminum, coated* |
| ***Screw*** | *Steel, zinc plated* |

***Listings and Certifications:***

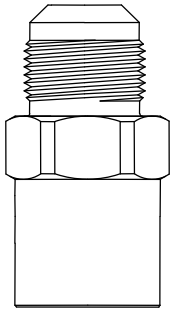
- CSA listed to ANSI Z21.15 / CSA 9.1, ANSI / ASME B16.44 and CGA CR91-002

## *SAFETY+PLUS® APPLIANCE GAS EXCESS FLOW VALVE*

***Use:*** For use with natural, manufactured, mixed, liquefied petroleum gases, and LP gas-air mixtures.

***Design Features:***

- **Helps prevent gas fires & explosions** due to gas line ruptures or disconnects at the appliance
- **Automatic valve activation** immediately restricts gas flow to a non-hazardous level to help avert a dangerous build up of gas in the home
- **Automatic reset** once the gas line has been properly repaired
- **24 hour, maintenance-free protection** for the life of the product with no parts to wear, break, or misalign over time
- **100%** performance tested

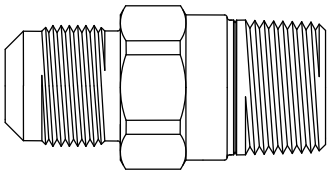


***Operating Specifications:***

***Temperature:*** 32° - 150° F
***Pressure:*** 1/2 PSI maximum

***Installation:***

***Omni-directional:*** install in any orientation, horizontal to vertical



| ***MATERIAL SPECIFICATIONS*** | |
|---|---|
| ***Valve Body*** | *Brass* |
| ***Magnet*** | *Rare earth* |
| ***Plate*** | *Stainless steel* |
| ***Seat*** | *Brass* |
| ***Cartridge Body*** | *POM* |

***FLOW CAPACITY***

| OD | Cartridge | Label Color | Minimum Flow Rate | Maximum Flow Rate | Closing Flow Rate | Bypass Flow Rate |
|---|---|---|---|---|---|---|
| 5/8” | 1560 | Gold | 75,000 | 135,000 @ 0.5” WC | 195,000 @ 0.7” WC | < 5 SCFH |
| 5/8” | 1550 | Tan | 60,501 | 102,000 @ 0.5” WC | 135,000*@ 0.6” WC | < 5 SCFH |
| 1/2” | 1550 | Lime | 60,501 | 102,000 | 135,000** | < 5 SCFH |
| 1/2” | 1540 | Teal | -------- | 60,500 | 95,000 | < 5 SCFH |
| 3/8” | 1540 | Lilac | -------- | 48,000 | 95,000 | < 5 SCFH |

*All Safety+PLUS valves require a minimum inlet pressure of 4” W.C. Flow rates given are 0.6 specific gravity natural gas with an average heating value of 1,000 Btu per cubic foot; therefore, 1 kBtu/h is equal to 1 SCFH (standard cubic foot per hour).

**When installed in the vertical downward position (arrows pointing toward floor), the closing flow rate is 110,000 Btu/h @ 0.6” WC

***Listings & Certifications:***

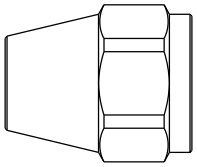
- IAPMO listed to CSA-US 3.92 standard “Excess Flow Valves” (file #4213)
- CSA listed to CSA-US 3.92 standard “Excess Flow Valves” (file # 204593)
- California Division of State Architects listed to CSA-US 3.92 standard “Excess Flow Valves” (file# CA-DSA 02 02)
- City of Los Angeles

## *GAS FITTINGS*

***Use:*** For use with natural, manufactured, mixed, liquefied petroleum gases and LP gas-air mixtures.

***Design Features:***

- **One-piece body** provides strength, durability, and long-lasting performance
- **Manufactured with** dryseal pipe threads.

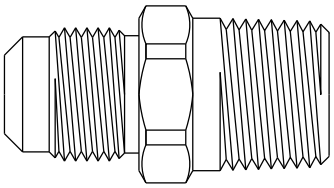


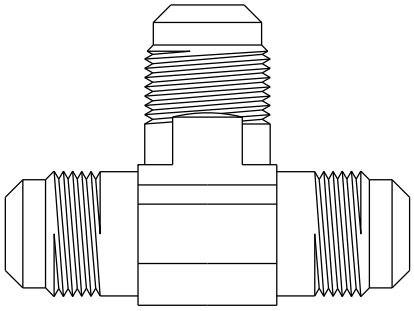
***Operating Specifications:***

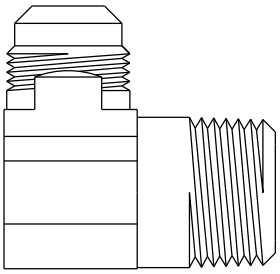
***Temperature:*** -40° - 150° F

***Pressure:*** 1/2 PSI maximum

| ***MATERIAL SPECIFICATIONS*** | |
|---|---|
| ***Brass Fitting*** | *Brass* |
| ***Steel Fitting*** | *Blue zinc plated steel* |







***Listings & Certifications:***

- For use with CSA listed ANSI Z21.24 / CSA 6.10 connectors
- For use with CSA listed ANSI Z21.75 / CSA 6.27 connectors

## SPEEDI PLUMB® PLUS BRAIDED WATER HEATER CONNECTORS

***Use:*** For use in exposed locations only to connect water heaters and other water connected devices to the water supply. Not intended for use with recirculating water systems that produce continuous use temperatures above 115° F. For those applications use the BrassCraft® CopperFlex™ or ProCoat® series connectors.

***Design Features:***

- **Superior corrosion resistance** to harsh chemicals found in common household cleaning and plumbing repair products
- **Greater strength & flexibility.** The patented polymer braid exhibits greater elasticity than stainless steel braiding, significantly increasing the flexibility of the connector
- **No kinking, no crimping.** The polymer braided jacket is specially engineered to bend freely without kinking or crimping the connector
- **Won't work harden** even with repeated bending
- **No dielectric union needed** with installation as the braiding and rubber are constructed of non-conductive materials
- **Longer connector nuts** allow a greater number of thread-to-thread contact and a better seal
- **100%** Compliant

***Operating Specifications:***

***Temperature:*** 40° - 140° F, intermittent to 180° F
***Pressure:*** 125 PSI maximum

| *OPERATING SPECIFICATION* | | | | |
|---|---|---|---|---|
| | ***12"*** | ***15"*** | ***18"*** | ***24"*** |
| ***Flow Coefficient (Cv)*** | ***5.9*** | ***5.8*** | ***5.6*** | ***5.4*** |

*$\Delta P$ (Pressure Drop) = $GPM^2 / Cv^2$ for Example: 24" length connector @ 10 GPM*
*$\Delta P = 10^2 / 5.4^2 = 100/29.16 = 3.43$ psi*

| *MATERIAL SPECIFICATIONS* | |
|---|---|
| ***Inner Hose*** | *Rubber* |
| ***Braiding*** | *Coated polyester yarn* |
| ***Barb*** | *Brass* |
| ***Ferrule*** | *Brass* |
| ***Nut*** | *Brass* |
| ***End Fitting*** | *Brass* |
| ***Washer*** | *Rubber* |

***Listings & Certifications:***

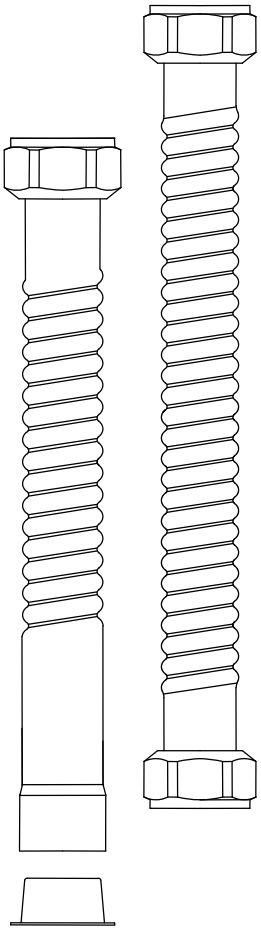
- IAPMO listed to ASME A112.18.6 / CSA B125.6 (File # 0452)
- CSA listed to ASME A112.18.6 / CSA B125.6 (File # 204593)
- Compliant product CSA listed to Low Lead Content Certification Program – Plumbing Products Class 6853-01

## *COPPER WATER HEATER CONNECTORS*

***Use:*** For use in exposed locations only to connect water heaters and other water connected devices to the water supply

***Design Features:***

- **Superior galvanic corrosion resistance.** Patented internal dielectric sleeve effectively isolates dissimilar metals within the waterway to prevent galvanic corrosion
- **No dielectric union needed** with installation. Dielectric is built into the design of the connector
- **Less torque to seal** against the pliable rubber washer, especially on rough nipple surfaces
- **Longer connector nuts** allow a greater number of thread-to-thread contacts and a better seal
- **100%** Compliant *(WB Series only)*



***Operating Specifications:***

***Temperature:*** 40° - 180° F
***Pressure:*** 125 PSI maximum

| ***MATERIAL SPECIFICATIONS*** | |
|---|---|
| ***Tubing*** | *Copper* |
| ***Dielectric Sleeve*** | *Polypropylene* |
| ***Nut*** | *Brass* |
| ***End Fitting*** | *Brass* |
| ***Washer*** | *Rubber* |

***Listings & Certifications:***

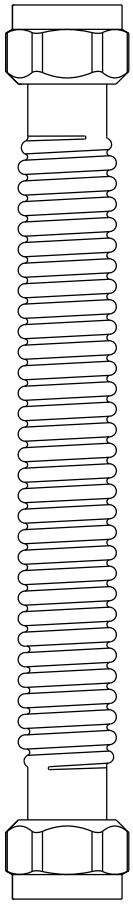
- IAPMO listed to ASME A112.18.6 / CSA B125.6 (File # 0452)
- CSA listed to ASME A112.18.6 / CSA B125.6 (File # 204593)
- Compliant product CSA listed to Low Lead Content Certification Program – Plumbing Products Class 6853-01

## *PROCOAT® STAINLESS STEEL WATER HEATER CONNECTORS*

***Use:*** For use in exposed locations only to connect water heaters, water softeners and other water connected devices to the water supply

***Design Features:***

- **Proprietary ProCoat® clear coat** provides unrivaled corrosion protection from harsh chemicals that can cause surface deterioration and pinhole leaks
- **Full flow, maximum performance.** ¾" internal diameter provides greater water flow without obstruction
- **Integrated dielectric sleeve** effectively isolates dissimilar metals within the waterway to help prevent galvanic and electrolytic corrosion
- **No dielectric union needed** with installation. Dielectric is built into the design of the connector
- **Less torque to seal** against the pliable rubber washer, especially on rough nipple surfaces
- **Longer connector nuts** allow a greater number of thread-to-thread contacts and a better seal
- **100%** Leak tested prior to coating application to ensure connector performance and reliability
- **100%** Compliant



***Operating Specifications:***

***Temperature:*** 40° - 180° F
***Pressure:*** 125 PSI maximum

| *MATERIAL SPECIFICATIONS* | |
|---|---|
| ***Tubing*** | *Stainless steel* |
| ***Dielectric Sleeve*** | *Polypropylene* |
| ***Nut*** | *Brass* |
| ***Washer*** | *Rubber* |

***Listings & Certifications:***

- IAPMO listed to ASME A112.18.6 / CSA B125.6 (File # 0452)
- CSA listed to ASME A112.18.6 / CSA B125.6 (File # 204593)
- Compliant product CSA listed to Low Lead Content Certification Program – Plumbing Products Class 6853-01

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