



FALCON STAINLESS INC.

Where Quality Flows In Your Direction





Falcon Stainless, Inc. has been an operating business in the State of California since 1981. Under the current family ownership and guidance of Gray Pender since 1990, incorporated in 1999, Falcon was responsible for introducing Corrugated Stainless Steel water and gas connectors to the US Market. Having made substantial improvements to the product and increasing the number of models since becoming President and then CEO, the company has experienced unprecedented growth over the past 30+ years. The reasons for this are: deep industry relationships, constant design improvements, state of the art manufacturing in our own facility and dedication. We have set Falcon on the high road to generating exceptional products and providing exceptional service for all of our customers.

Using only the highest quality raw materials, educated engineering staff, strict quality control have helped Falcon create more flexibility, increased flow and tensile strength in all Falcon products. All of this product advancement happens while expanding our client base in multiple market arenas. These market arenas include highly respected OEM's, Plumbing Wholesalers and Water Treatment Distributors, Water Treatment Dealers, as well as Contractors/Installers throughout all of North America, Europe, Australia and Asia.

Ever aware of our customer's needs, Falcon has become the "go-to" recognized leader in manufacturing proprietary connectors for the top water treatment and water heating companies in North America. By fulfilling our customer's specific technical requirements, Falcon steps up to fill the niche created by a highly sophisticated and demanding marketplace.

We are fortunate to occupy this distinguished position! We thank the industry for your support and loyalty. Our sole purpose is to provide the finest corrugated stainless steel water and gas connectors along with respectful exemplary customer focus and care.

Where Quality Flows In Your Direction

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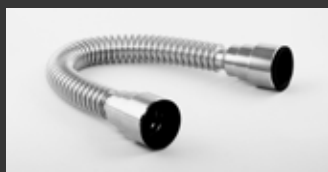
Our Mission Statement

As the premier manufacturer of full port corrugated stainless steel flexible water and gas connectors, our mission is to create added value while presenting superior products to every level of the Plumbing and Water Treatment supply chain. We strive to responsibly and ethically bring quality products to the marketplace through innovation, technology and human resources. Our number one asset is our ability to create well suited, unrivaled and proprietary connectors for use throughout the world. We expect excellence from every facet of our business and seek to partner with our distributors that hold themselves and the products they offer to the highest possible standards.





Falcon "Push to Connect" Connectors For Water Heaters and Softeners



3/4" JOHN GUEST™ PUSH TO CONNECT CONNECTORS

Full Port

Model#	Description
PTC34JG-18	(3/4" I.D. SS Flex JG PTC x 3/4" FIP x 18")
PTC34JG-24	(3/4" I.D. SS Flex JG PTC x 3/4" FIP x 24")
PTC-PTC34-18	(3/4" I.D. SS Flex JG PTC x 3/4" JG PTC x 18")
PTC34JG-1N-18	(3/4" I.D. SS Flex JG PTC x 1" Nylon FIP x 18")
PTC34JG-1N-24	(3/4" I.D. SS Flex JG PTC x 1" Nylon FIP x 24")
PTC34JG-CLKQC-18	(3/4" I.D. SS Flex JG PTC x Clack QC x 18")
PTC34JG-CLKQC-24	(3/4" I.D. SS Flex JG PTC x Clack QC x 24")
PTC34JG-114N-18	(3/4" I.D. SS Flex JG PTC x 1 1/4" Nylon FIP x 18")

PTC for use with 3/4" Copper, PEX and CPVC pipe.

3/4" PUSH TO CONNECT FULL PORT BALL VALVE

Full Port

Model#	Description
PTCFIP V-18	(3/4" I.D. SS Flex W/PTC Ball Valve x 3/4" FIP x 18")
PTCFIP V-24	(3/4" I.D. SS Flex W/PTC Ball Valve x 3/4" FIP x 24")
PTCBV	(3/4" PTC x 3/4" NPSM Male Ball Valve W/O Connector)

PTC for use with 3/4" Copper, PEX and CPVC pipe.

1" JOHN GUEST™ PUSH TO CONNECT CONNECTORS

Full Port

Model#	Description
PTC1JG-1N-18	(1" I.D. SS Flex 1" JG PTC x 1" Nylon FIP x 18")
PTC1JG-1N-24	(1" I.D. SS Flex 1" JG PTC x 1" Nylon FIP x 24")
PTC1JG-114N-18	(1" I.D. SS Flex 1" JG PTC x 1 1/4" Nylon x 18")
PTC1JG-114N-24	(1" I.D. SS Flex 1" JG PTC x 1 1/4" Nylon x 24")
PTC1JG-CLKQC-18	(1" I.D. SS Flex 1" JG PTC x Clack QC x 18")
PTC1JG-CLKQC-24	(1" I.D. SS Flex 1" JG PTC x Clack QC x 24")
PTC1JG-134-12UN-18-GE	(1" I.D. SS Flex 1" JG PTC x 1 3/4"-12 UN Nylon x 18")
PTC1JG-134-12UN-24-GE	(1" I.D. SS Flex 1" JG PTC x 1 3/4"-12 UN Nylon x 24")

PTC for use with 1" Copper, PEX and CPVC pipe.

1/2" JOHN GUEST™ PUSH TO CONNECT CONNECTOR

Full Port

Model#	Description
PTC12-12-16	(1/2" I.D. SS Flex 1/2" JG PTC x 1/2" FIP x 16")
PTC12-12-20	(1/2" I.D. SS Flex 1/2" JG PTC x 1/2" FIP x 20")
PTC12-34-18	(1/2" I.D. SS Flex 1/2" JG PTC x 3/4" FIP x 18")
PTC12-34-24	(1/2" I.D. SS Flex 1/2" JG PTC x 3/4" FIP x 24")

PTC for use with 1/2" Copper, PEX and CPVC pipe.

WATER CONNECTOR SPECIFICATIONS AND COMPLIANCES/LISTINGS

All Water Connectors compliant to the following Codes & Standards:

Complies with the Following Codes:

2018, 2015, 2012 and 2009 International Plumbing Code R (IPC)

2018, 2015, 2012 and 2009 International Residential Code R (IRC)

2015, 2012 and 2009 Uniform Plumbing Code (UPC)*

2015 and 2009 Minnesota Plumbing Code

2015, 2010 and 2005 National Plumbing Code of Canada (NPC) **

Compliance with the Following Standards:

ASME A112.18.6/CSA B125.6-2017,
Flexible Water Connectors

NSF/ANSI 61-2016,
Drinking Water System Components - Health Effects

NSF 372-2016,
Drinking Water System Components - Lead Content

Reduction of Lead in Drinking Water Act

California Health and Safety Code 116875 S.3874

Reduction of Lead in Drinking Water Act

DESIGN FEATURES

304 Series Stainless Steel

Maintains optimum flow - No Restriction

Kink and Crimp Free

Chrome plated brass ends

Extremely Flexible

Will not corrode or rust

No Dielectric union required

Highest Quality EPDM washer

Resists work hardening

Working pressure 200 psi

Burst pressure 1800+ psi

100% Leak Tested

Limited Lifetime Warranty

Temperature rating -40° to 220°F

Easy Installation

3/4" models flow approx 135%
more than braided type

Appliances operate at maximum efficiency

DuPont™ Zytel® Nylon nuts NSF listed

* Uniform Plumbing Code is a copyrighted publication of the International Association of Plumbing and Mechanical Officials

** National Plumbing Code of Canada is a copyrighted publication of the National Research Council Canada





Falcon Stainless Steel Water Heater/ Softener Connectors



MEGA-FLOW SUPER-FLEX™ 3/4" I.D. WATER HEATER / SOFTENER CONNECTOR

Full
Port

Model#	Description
FF-12	(3/4" I.D. SS Flex with 3/4" FIP x 3/4" FIP x 12")
FF-15	(3/4" I.D. SS Flex with 3/4" FIP x 3/4" FIP x 15")
FF-18	(3/4" I.D. SS Flex with 3/4" FIP x 3/4" FIP x 18")
FF-24	(3/4" I.D. SS Flex with 3/4" FIP x 3/4" FIP x 24")
FF-36	(3/4" I.D. SS Flex with 3/4" FIP x 3/4" FIP x 36")
FF-48	(3/4" I.D. SS Flex with 3/4" FIP x 3/4" FIP x 48")

3/4" FIP X 7/8" O.D. COPPER SWEAT CONNECTOR

Full
Port

Model#	Description
SWTF-15	(3/4" I.D. SS Flex with 3/4" FIP x 7/8" O.D. Copper Sleeve x 15")
SWTF-18	(3/4" I.D. SS Flex with 3/4" FIP x 7/8" O.D. Copper Sleeve x 18")
SWTF-24	(3/4" I.D. SS Flex with 3/4" FIP x 7/8" O.D. Copper Sleeve x 24")

Dual Purpose: Slip over copper pipe and solder OR cut at bell and solder into a Ball Valve!

1" FIP X 7/8" O.D. COPPER SWEAT CONNECTOR

Full
Port

Model#	Description
SWTF134-18	(3/4" I.D. SS Flex with 1" FIP x 7/8" O.D. Copper Sleeve x 18")

Dual Purpose: Slip over copper pipe and solder OR cut at bell and solder into a Ball Valve!

MEGA-FLOW ULTRA-FLEX™ 3/4" I.D. CONNECTOR

Full
Port

Model#	Description
SWC340-06	(3/4" I.D. SS Flex with 3/4" FIP x 3/4" FIP x 6")
SWC340-12	(3/4" I.D. SS Flex with 3/4" FIP x 3/4" FIP x 12")
SWC340-15	(3/4" I.D. SS Flex with 3/4" FIP x 3/4" FIP x 15")
SWC340-18	(3/4" I.D. SS Flex with 3/4" FIP x 3/4" FIP x 18")
SWC340-24	(3/4" I.D. SS Flex with 3/4" FIP x 3/4" FIP x 24")

Recommended
for Repeated
Bending

GEN-U-FLEX™ 3/4" CONNECTOR MEETS OR EXCEEDS FLOWRATE OF ALL COMPETITORS

Full
Port

Model#	Description
GFF0304-18	(3/4" O.D. SS Flex with 3/4" FIP x 3/4" FIP x 18")
GFF0304-24	(3/4" O.D. SS Flex with 3/4" FIP x 3/4" FIP x 24")

PEX BARB CONNECTOR

Full
Port

Model#	Description
PEX-GF-18	(3/4" O.D. SS Flex with 3/4" FIP x 3/4" PEX Barb x 18")
PEX-GF-24	(3/4" O.D. SS Flex with 3/4" FIP x 3/4" PEX Barb x 24")

1/2" UPONOR™ PEX BARB CONNECTOR

Full
Port

Model#	Description
UPEX-GFF-18	(3/4" O.D. Standard flow SS Flex with 3/4" FIP x 1/2" Uponor PEX Barb x 18")
UPEX-GFF-18	(3/4" O.D. Standard flow SS Flex with 3/4" FIP x 1/2" Uponor PEX Barb x 24")

For Use With Uponor™ PEX Only!

3/4" UPONOR™ PEX BARB CONNECTOR

Full
Port

Model#	Description
UPEX-FXP-18	(3/4" I.D. Standard flow SS Flex with 3/4" FIP x 3/4" Uponor PEX Barb x 18")
UPEX-FXP-24	(3/4" I.D. Standard flow SS Flex with 3/4" FIP x 3/4" Uponor PEX Barb x 24")

For Use With Uponor™ PEX Only!





Falcon Stainless Steel Water Softener Connectors



1" X 3/4" I.D. WATER SOFTENER CONNECTOR

Full Port

Model#	Description
SWC134-18	(3/4" I.D. SS Flex with 1" FIP x 3/4" FIP x 18")
SWC134-24	(3/4" I.D. SS Flex with 1" FIP x 3/4" FIP x 24")
SWCN134-18	(3/4" I.D. SS Flex with 1" Nylon FIP x 3/4" FIP x 18")

1" I.D. RES/COMMERCIAL SOFTENER/BOILER CONNECTOR

Full Port

Model#	Description
SWC1-12	(1" I.D. SS Flex with 1" FIP x 1" FIP x 12")
SWC1-18	(1" I.D. SS Flex with 1" FIP x 1" FIP x 18")
SWC1-24	(1" I.D. SS Flex with 1" FIP x 1" FIP x 24")
SWC1-36	(1" I.D. SS Flex with 1" FIP x 1" FIP x 36")
SWC1-48	(1" I.D. SS Flex with 1" FIP x 1" FIP x 48")

1" I.D. WITH 1" FIP X 1 1/8" COPPER SWEAT CONNECTOR

Full Port

Model#	Description
SWT1-15	(1" I.D. SS Flex x 1" FIP x 1 1/8" Copper SWT x 15")
SWT1-18	(1" I.D. SS Flex x 1" FIP x 1 1/8" Copper SWT x 18")
SWT1-24	(1" I.D. SS Flex x 1" FIP x 1 1/8" Copper SWT x 24")

Dual Purpose: Slip over copper pipe and solder OR cut at bell and solder into a Ball Valve!

3/4" & 1" I.D. MALE X FEMALE CONNECTOR

Full Port

Model#	Description
FM-15	(3/4" I.D. SS Flex with 3/4" FIP x 3/4" MIP x 15")
FM-18	(3/4" I.D. SS Flex with 3/4" FIP x 3/4" MIP x 18")
FM-24	(3/4" I.D. SS Flex with 3/4" FIP x 3/4" MIP x 24")
FM1-18	(1" I.D. SS Flex with 1" FIP x 1" MIP x 18")
FM1-24	(1" I.D. SS Flex with 1" FIP x 1" MIP x 24")

3/4" COPPER PRO-PRESS x 3/4" FIP

Full Port

Model#	Description
FSPP-18	(3/4" copper Pro-Press x 3/4" FIP x 18")
FSPP-24	(3/4" copper Pro-Press x 3/4" FIP x 24")

Professional Press Tool Required For Installation



Falcon Stainless Steel Water Connectors



1 1/4" I.D. SOFTENER/BOILER CONNECTOR (ALSO FITS CULLIGAN™ HAGUE™ & ERIE™ BYPASSES)

Full
Port

Model#	Description
SWC114-18	(1 1/4" I.D. SS Flex with 1 1/4" FIP x 1 1/4" FIP x 18")
SWC114-24	(1 1/4" I.D. SS Flex with 1 1/4" FIP x 1 1/4" FIP x 24")

1 1/2" I.D. COMMERCIAL BOILER CONNECTOR

Full
Port

Model#	Description
SWC112-18	(1 1/2" I.D. SS Flex with 1 1/2" FIP x 1 1/2" FIP x 18")
SWC112-24	(1 1/2" I.D. SS Flex with 1 1/2" FIP x 1 1/2" FIP x 24")
SWC112-36	(1 1/2" I.D. SS Flex with 1 1/2" FIP x 1 1/2" FIP x 36")

2" I.D. COMMERCIAL SOFTENER/BOILER CONNECTOR

Full
Port

Model#	Description
SWC2-18	(2" I.D. SS Flex with 2" FIP x 2" FIP x 18")
SWC2-24	(2" I.D. SS Flex with 2" FIP x 2" FIP x 24")

1" and 1 1/4" PUMP CONNECTOR

Full
Port

Model#	Description
SWC1-OB	(1" FIP x 1" FIP on 1" CSS tube w/OVERBRAID in 18", 24")
SWC-114-OB	(1 1/4" FIP x 1 1/4" FIP on 1 1/4" CSS tube w/OVERBRAID in 18", 24")

CSS Tube with SS Overbraid Provides Greater Elongation & Vibrational Resistance





Falcon Stainless Steel Water Softener Connectors



GE AUTOTROL™ FOR 256 & 1256 BYPASSES

Full Port

Model#	Description
SWCN13434-12	(3/4" I.D. SS Flex with 1 3/4"-12UN Nylon x 3/4" FIP x 12")
SWCN13434-18	(3/4" I.D. SS Flex with 1 3/4"-12UN Nylon x 3/4" FIP x 18")
SWCN1341-12	(1" I.D. SS Flex with 1 3/4"-12UN Nylon x 1" FIP x 12")
SWCN1341-18	(1" I.D. SS Flex with 1 3/4"-12UN Nylon x 1" FIP x 18")

CLACK™ CONNECTOR FOR 3/4" OR 1" CONNECTIONS

Full Port

Model#	Description
CLKQC-34FIP-18	(3/4" I.D. SS Flex with Clack QC x 3/4" FIP x 18")
CLKQC-1FIP-18	(1" I.D. SS Flex with Clack QC x 1" FIP x 18")
CLKQC-1FIP-24	(1" I.D. SS Flex with Clack QC x 1" FIP x 24")
CLKQC-QC-18	(1" I.D. SS Flex with Clack QC x Clack QC x 18")
CLKQC-QC-24	(1" I.D. SS Flex with Clack QC x Clack QC x 24")

Model#	Description
Clack set	(Nut, O-ring, Clip)

FLECK™ 5810/12 FOR 1" OR 1 1/4" CONNECTIONS

Full Port

Model#	Description
Fleck 5810/12 - 114-18	(Fleck 5810-12 x 1 1/4" FIP x 18" on a 1 1/4" tube)
Fleck 5810/12 - 114-24	(Fleck 5810-12 x 1 1/4" FIP x 24" on a 1 1/4" tube)
Fleck 5810/12 - 1-18	(Fleck 5810-12 x 1" FIP x 18")
Fleck 5810/12 - 1-24	(Fleck 5810-12 x 1" FIP x 24")
Fleck 5810/12 - 112 -18	(Fleck 5810-12 x 1 1/2" FIP x 18" on a 1 1/4" tube)
Fleck 5810/12 - 112 -24	(Fleck 5810-12 x 1 1/2" FIP x 24" on a 1 1/4" tube)

FLECK™ 7000 FOR 1" OR 1 1/4" CONNECTIONS

Full Port

Model#	Description
FLECK-1-18	(1" I.D. SS Flex with Fleck Fitting x 1" FIP x 18") Fits Fleck 7000, RO Mate, Others.
FLECK-114-18	(1" I.D. SS Flex with Fleck Fitting x 1 1/4" FIP x 18") Fits Fleck 7000, RO Mate, Others.

FLECK™ 5810/12 WITH 1" JOHN GUEST™ PUSH TO CONNECT

Full Port

Model#	Description
Fleck 5810/12-PTC1 - 18	(1" I.D. SS Flex with Fleck Fitting x 1" JGPTC x 18") Fits Fleck 5810/12
Fleck 5810/12-PTC1 - 24	(1" I.D. SS Flex with Fleck Fitting x 1" JGPTC x 24") Fits Fleck 5810/12

WATER SOFTENER CONNECTOR (FITS CULLIGAN™ HAGUE™ & ERIE™ BYPASSES ONLY)

Full Port

Model#	Description
SWCN11434-15	(3/4" I.D. SS Flex with 1 1/4" Nylon FIP x 3/4" FIP x 15")
SWCN11434-18	(3/4" I.D. SS Flex with 1 1/4" Nylon FIP x 3/4" FIP x 18")
SWCN11434-24	(3/4" I.D. SS Flex with 1 1/4" Nylon FIP x 3/4" FIP x 24")
SWCN1141-12	(1" I.D. SS Flex with 1 1/4" Nylon FIP x 1" FIP x 12")
SWCN1141-15	(1" I.D. SS Flex with 1 1/4" Nylon FIP x 1" FIP x 15")
SWCN1141-18	(1" I.D. SS Flex with 1 1/4" Nylon FIP x 1" FIP x 18")
SWCN1141-24	(1" I.D. SS Flex with 1 1/4" Nylon FIP x 1" FIP x 24")



7/16" O.D. TOILET CONNECTOR

Full Port

Model#	Description
T-07-9	(7/16" O.D. SS Flex with 7/8" Brass Ballcock x 1/2" FIP x 9")
T-07-12	(7/16" O.D. SS Flex with 7/8" Brass Ballcock x 1/2" FIP x 12")
T-06-9	(7/16" O.D. SS Flex with 7/8" Brass Ballcock x 3/8" Compression x 9")
T-06-12	(7/16" O.D. SS Flex with 7/8" Brass Ballcock x 3/8" Compression x 12")



7/16" O.D. FAUCET CONNECTOR

Full Port

Model#	Description
S-01-16	(7/16" O.D. SS Flex with 3/8" Compression x 3/8" Compression x 16")
S-01-26	(7/16" O.D. SS Flex with 3/8" Compression x 3/8" Compression x 26")
S-01-48	(7/16" O.D. SS Flex with 3/8" Compression x 3/8" Compression x 48")
S-01-60	(7/16" O.D. SS Flex with 3/8" Compression x 3/8" Compression x 60")



1/2" I.D. FAUCET CONNECTOR/TANKLESS WATER HEATERS

Full Port

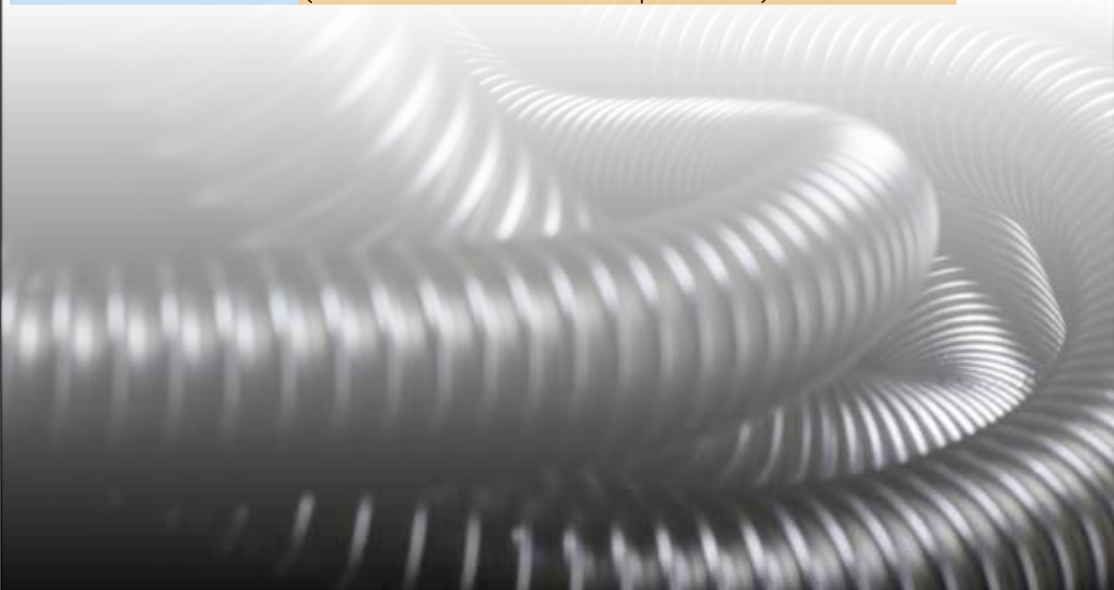
Model#	Description
S-02-12	(1/2" I.D. SS Flex with 1/2" FIP x 1/2" FIP x 12")
S-02-16	(1/2" I.D. SS Flex with 1/2" FIP x 1/2" FIP x 16")
S-02-20	(1/2" I.D. SS Flex with 1/2" FIP x 1/2" FIP x 20")
S-02-30	(1/2" I.D. SS Flex with 1/2" FIP x 1/2" FIP x 30")
S-02-36	(1/2" I.D. SS Flex with 1/2" FIP x 1/2" FIP x 36")
S-02-60	(1/2" I.D. SS Flex with 1/2" FIP x 1/2" FIP x 60")



7/16" O.D. FAUCET CONNECTOR

Full Port

Model#	Description
S-03-12	(7/16" O.D. SS Flex with 1/2" FIP x 3/8" Compression x 12")
S-03-16	(7/16" O.D. SS Flex with 1/2" FIP x 3/8" Compression x 16")
S-03-20	(7/16" O.D. SS Flex with 1/2" FIP x 3/8" Compression x 20")
S-03-30	(7/16" O.D. SS Flex with 1/2" FIP x 3/8" Compression x 30")





Solar Field Fabrication Kits - 1/2", 3/4", 1" in 304 and 316L - Non-Insulated



NON-INSULATED COILS 316L SS

Model #	Description
S6012-60	1/2" Coil 316L - 60' tubing
S6034-60	3/4" Coil 316L - 60' tubing
S6001-60	1" Coil 316L - 60' tubing

NON-INSULATED COILS 304 SS

Model #	Description
S5012	1/2" Coil 304 - 50' tubing
S10012	1/2" Coil 304 - 100' tubing
S15012	1/2" Coil 304 - 150' tubing
S5034	3/4" Coil 304 - 50' tubing
S10034	3/4" Coil 304 - 100' tubing
S15034	3/4" Coil 304 - 150' tubing
S501	1" Coil 304 - 50' tubing
S1001	1" Coil 304 - 100' tubing
S1501	1" Coil 304 - 150' tubing

FIELD FABRICATION TOOL KIT

Model #	Description
TK12	1/2" Flange Tool, Pipe Cutter, Hammer
TK34	3/4" Flange Tool, Pipe Cutter, Hammer
TK1	1" Flange Tool, Pipe Cutter, Hammer

STAINLESS STEEL FITTINGS

Model #	Description
SN12	1/2" Nut, Clip, Washer
SN34	3/4" Nut, Clip, Washer
SN1	1" Nut, Clip, Washer

SOLAR FITTINGS - BRASS

All Solar tubes and fittings warrantied for 2 years. Insulation warrantied for 1 year from date of installation against Manufacturers defect. Manufacturer assumes no responsibility for damages due to improper installation or miss-use of product.

Model#	Description
S12MIP-12	1/2" MIP Fitting for 1/2" tube
S12SWT-12	1/2" Sweat Fitting for 1/2" tube
S34MIP-1	3/4" MIP Fitting for 1" tube
S34MIP-34	3/4" MIP Fitting for 3/4" tube
S34SWT-1	3/4" Sweat Fitting for 1" tube
S34SWT-34	3/4" Sweat Fitting for 3/4" tube
S1MIP-1	1" MIP Fitting for 1" tube
S1SWT-1	1" Sweat Fitting for 1" tube





Potable Water Expansion Tank



Stainless steel
water connection
to reduce corrosion

16 gauge solid steel
tank, finished with
highest quality
urethane paint

Steel clench ring
regulates movement and
prevents diaphragm from
rubbing against tank wall

100%
Pressure tested and
backed with a **5** year
limited warranty

E.T. series thermal
expansion tanks
100% effectively
eliminates built up
system pressure

The nagging worry of eliminating system pressure has all but been eliminated.

Falcon Stainless E.T. potable water expansion tanks are designed to maintain safe pressure in domestic water systems that utilize a back flow preventer or check valve.

E.T. tanks feature a 100% butyl diaphragm and plastic liner to separate the system water from the tanks air precharge.

The system connection has a stainless steel sleeve to prevent corrosion making it even more reliable. And, the tanks are finished with appliance quality paint which helps prevent external corrosion. On top of all this every E.T. tank is comprehensively tested and backed by Falcon's 5 year limited warranty.

If this doesn't relieve all of the pressures that cause you to worry, nothing will.



Problem

Adding a backflow preventer, check valve or water meter with a check valve creates a closed loop system. When water heats up, it expands with no place to go except through the relief valve.

Solution

Installed on the cold water inlet, E.T. series thermal expansion tanks provides a reservoir for the water to expand. The Water safely enters the tank and is released back into the system on demand.



Potable Water Expansion Tank Dimensions/Capacities Specs

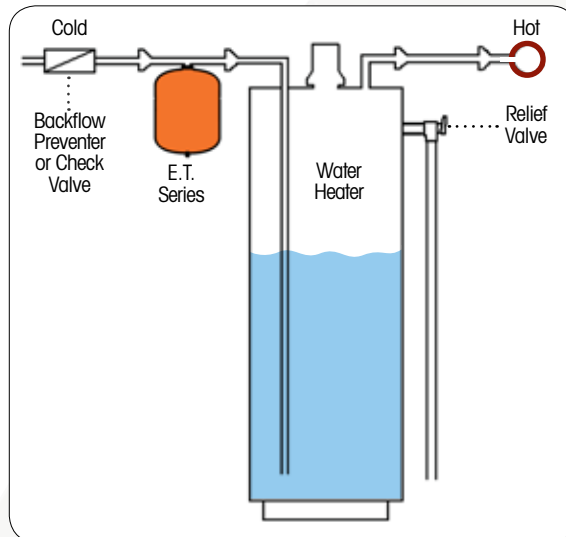


Materials of Construction

- Tank: 16 gauge cold rolled steel
- Finish: Appliance quality paint for indoor or outdoor installation
- Water chamber: 100% butyl rubber, lined with polypropylene
- Connection: Stainless Steel
- Testing: High pressure, seam weld, helium, final precharge check
- Air valve: Brass valve with o-ring seal
- Warranty: 5 year limited



Typical Installation



Dimensions & Capacities

Model	Total Tank Volume		A		B		Connection	Total Weight	
			in	cm	in	cm		lbs	kilos
EXPT2	2.1	8	11.6	30.00	8.00	20.00	3/4" MNPT	5.0	2.3
EXPT4	4.8	18	14.5	37.00	11.00	28.00	3/4" MNPT	10.0	4.6

Maximum working pressure 150 psig. Maximum working temperature, internal & external 200° F.
Tank pre-charge 40 psig.

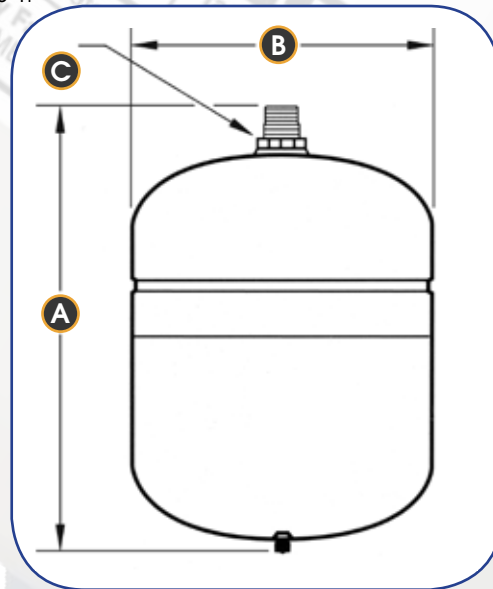
NOTE: Ph Series tanks are certified to NSF Standard 61 Domestic Hot, but are suitable for temperatures up to 200° F.

Quick Sizing Chart

Water Heater Volume	Maximum Water Temperature			
	130° F	140° F	160° F	180° F
30 GALLONS	EXPT2	EXPT2	EXPT2	EXPT2
40 GALLONS	EXPT2	EXPT2	EXPT2	EXPT2
50 GALLONS	EXPT2	EXPT2	EXPT2	EXPT4
60 GALLONS	EXPT2	EXPT2	EXPT2	EXPT4
80 GALLONS	EXPT2	EXPT4	EXPT4	EXPT4
100 GALLONS	EXPT4	EXPT4	EXPT4	NA
120 GALLONS	EXPT4	EXPT4	EXPT4	NA
150 GALLONS	EXPT4	EXPT4	NA	NA
175 GALLONS	EXPT4	NA	NA	NA

* Consult Factory

Sizing based on water heater recovery from 40F, water supply pressure of 60 PSIG, and relief valve set at 150 PSIG. Adjust tank precharge to equal incoming water pressure.





All Combinations Of Fittings Are Available
All Gas Connectors Come With Default M X F Fittings

Fitting Code	Description	Fitting Code	Description	Fitting Code	Description	Fitting Code	Description
A	1"OD (3/4"ID)	E	5/8"OD (1/2"ID)	N	1/2"OD (3/8"ID)	BB	3/8"OD (1/4"ID)
B	3/4"MIP x 3/4"FIP	F	3/4"MIP x 1/2"MIP	O	1/2"MIP x 3/8"MIP	WW	1/2"FIP x 1/2"FIP
D	3/4"MIP x 3/4"MIP	G	1/2"MIP x 1/2"MIP	P	3/8"MIP x 3/8"MIP	DD	3/8"FIP x 3/8"FIP
		H	3/4"FIP x 3/4"FIP	Q	1/2"FIP x 1/2"FIP	EE	1/2"FIP x 1/2"MIP
		I	3/4"FIP x 1/2"FIP	R	1/2"FIP x 3/8"FIP	FF	3/8"FIP x 1/2"MIP
		J	1/2"FIP x 1/2"FIP	S	1/2"FIP x 1/2"MIP	GG	3/8"FIP x 3/8"MIP
		K	1/2"FIP x 3/4"MIP	T	1/2"FIP x 3/8"MIP	HH	1/2"MIP x 3/8"MIP
		L	3/4"MIP x 3/4"FIP	U	3/8"FIP x 1/2"MIP	II	3/8"MIP x 3/8"MIP
		M	1/2"MIP x 1/2"FIP				

3/8" O.D. GAS DRYER - NON-COATED (1/4" I.D.)

Model#	Description
SGC380D12	SS GAS FLEX 3/8" DIA x 12" WITH FITTINGS
SGC380DS112	SS GAS FLEX 3/8" DIA x 1/2" MIP x 1/2" FIP STRAIGHT VALVE x 12"
SGC380DA112	SS GAS FLEX 3/8" DIA x 1/2" MIP x 1/2" FIP ANGLE VALVE x 12"
SGC380D18	SS GAS FLEX 3/8" DIA x 18" WITH FITTINGS
SGC380DS118	SS GAS FLEX 3/8" DIA x 1/2" MIP x 1/2" FIP STRAIGHT VALVE x 18"
SGC380DA118	SS GAS FLEX 3/8" DIA x 1/2" MIP x 1/2" FIP ANGLE VALVE x 18"
SGC380D24	SS GAS FLEX 3/8" DIA x 24" WITH FITTINGS
SGC380DS124	SS GAS FLEX 3/8" DIA x 1/2" MIP x 1/2" FIP STRAIGHT VALVE x 24"
SGC380DA124	SS GAS FLEX 3/8" DIA x 1/2" MIP x 1/2" FIP ANGLE VALVE x 24"
SGC380D30	SS GAS FLEX 3/8" DIA x 30" WITH FITTINGS
SGC380DS130	SS GAS FLEX 3/8" DIA x 1/2" MIP x 1/2" FIP STRAIGHT VALVE x 30"
SGC380DA130	SS GAS FLEX 3/8" DIA x 1/2" MIP x 1/2" FIP ANGLE VALVE x 30"
SGC380D36	SS GAS FLEX 3/8" DIA x 36" WITH FITTINGS
SGC380DS136	SS GAS FLEX 3/8" DIA x 1/2" MIP x 1/2" FIP STRAIGHT VALVE x 36"
SGC380DA136	SS GAS FLEX 3/8" DIA x 1/2" MIP x 1/2" FIP ANGLE VALVE x 36"
SGC380D48	SS GAS FLEX 3/8" DIA x 48" WITH FITTINGS
SGC380DS148	SS GAS FLEX 3/8" DIA x 1/2" MIP x 1/2" FIP STRAIGHT VALVE x 48"
SGC380DA148	SS GAS FLEX 3/8" DIA x 1/2" MIP x 1/2" FIP ANGLE VALVE x 48"

1/2" O.D. GAS DRYER - NON-COATED (3/8" I.D.)

Model#	Description
SGC120D12	SS GAS FLEX 1/2" DIA x 12" WITH FITTINGS
SGC120DS112	SS GAS FLEX 1/2" DIA x 1/2" MIP x 1/2" FIP STRAIGHT VALVE x 12"
SGC120DA112	SS GAS FLEX 1/2" DIA x 1/2" MIP x 1/2" FIP ANGLE VALVE x 12"
SGC120D18	SS GAS FLEX 1/2" DIA x 18" WITH FITTINGS
SGC120DS118	SS GAS FLEX 1/2" DIA x 1/2" MIP x 1/2" FIP STRAIGHT VALVE x 18"
SGC120DA118	SS GAS FLEX 1/2" DIA x 1/2" MIP x 1/2" FIP ANGLE VALVE x 18"
SGC120D24	SS GAS FLEX 1/2" DIA x 24" WITH FITTINGS
SGC120DS124	SS GAS FLEX 1/2" DIA x 1/2" MIP x 1/2" FIP STRAIGHT VALVE x 24"
SGC120DA124	SS GAS FLEX 1/2" DIA x 1/2" MIP x 1/2" FIP ANGLE VALVE x 24"
SGC120D30	SS GAS FLEX 1/2" DIA x 30" WITH FITTINGS
SGC120DS130	SS GAS FLEX 1/2" DIA x 1/2" MIP x 1/2" FIP STRAIGHT VALVE x 30"
SGC120DA130	SS GAS FLEX 1/2" DIA x 1/2" MIP x 1/2" FIP ANGLE VALVE x 30"
SGC120D36	SS GAS FLEX 1/2" DIA x 36" WITH FITTINGS
SGC120DS136	SS GAS FLEX 1/2" DIA x 1/2" MIP x 1/2" FIP STRAIGHT VALVE x 36"
SGC120DA136	SS GAS FLEX 1/2" DIA x 1/2" MIP x 1/2" FIP ANGLE VALVE x 36"
SGC120D48	SS GAS FLEX 1/2" DIA x 48" WITH FITTINGS
SGC120DS148	SS GAS FLEX 1/2" DIA x 1/2" MIP x 1/2" FIP STRAIGHT VALVE x 48"
SGC120DA148	SS GAS FLEX 1/2" DIA x 1/2" MIP x 1/2" FIP ANGLE VALVE x 48"
SGC120D60	SS GAS FLEX 1/2" DIA x 60" WITH FITTINGS
SGC120DS160	SS GAS FLEX 1/2" DIA x 1/2" MIP x 1/2" FIP STRAIGHT VALVE x 60"
SGC120DA160	SS GAS FLEX 1/2" DIA x 1/2" MIP x 1/2" FIP ANGLE VALVE x 60"
SGC120D72	SS GAS FLEX 1/2" DIA x 72" WITH FITTINGS
SGC120DS172	SS GAS FLEX 1/2" DIA x 1/2" MIP x 1/2" FIP STRAIGHT VALVE x 72"
SGC120DA172	SS GAS FLEX 1/2" DIA x 1/2" MIP x 1/2" FIP ANGLE VALVE x 72"





Falcon Stainless Steel Gas Connectors - Non Coated



5/8" O.D. GAS RANGE - NON-COATED (1/2" I.D.)

Model#	Description
SGC580D12	SS GAS FLEX 5/8" DIA x 12" WITH FITTINGS x 12"
SGC580D3MS312	SS GAS FLEX 5/8" DIA x 3/4" MIP x 3/4" FIP STRAIGHT VALVE x 12"
SGC580DS212	SS GAS FLEX 5/8" DIA x 1/2" MIP x 1/2" FIP STRAIGHT VALVE x 12"
SGC580DS312	SS GAS FLEX 5/8" DIA x 1/2" MIP x 3/4" FIP STRAIGHT VALVE x 12"
SGC580DA312	SS GAS FLEX 5/8" DIA x 1/2" MIP x 3/4" FIP ANGLE VALVE x 12"
SGC580D3MA312	SS GAS FLEX 5/8" DIA x 3/4" MIP x 3/4" FIP ANGLE VALVE x 12"
SGC580D18	SS GAS FLEX 5/8" DIA x 18" WITH FITTINGS x 18"
SGC580D3MS318	SS GAS FLEX 5/8" DIA x 3/4" MIP x 3/4" FIP STRAIGHT VALVE x 18"
SGC580DS218	SS GAS FLEX 5/8" DIA x 1/2" MIP x 1/2" FIP STRAIGHT VALVE x 18"
SGC580DS318	SS GAS FLEX 5/8" DIA x 1/2" MIP x 3/4" FIP STRAIGHT VALVE x 18"
SGC580DA318	SS GAS FLEX 5/8" DIA x 1/2" MIP x 3/4" FIP ANGLE VALVE x 18"
SGC580D3MA318	SS GAS FLEX 5/8" DIA x 3/4" MIP x 3/4" FIP ANGLE VALVE x 18"
SGC580D24	SS GAS FLEX 5/8" DIA x 24" WITH FITTINGS
SGC580D3MS324	SS GAS FLEX 5/8" DIA x 3/4" MIP x 3/4" FIP STRAIGHT VALVE x 24"
SGC580DS224	SS GAS FLEX 5/8" DIA x 1/2" MIP x 1/2" FIP STRAIGHT VALVE x 24"
SGC580DS324	SS GAS FLEX 5/8" DIA x 1/2" MIP x 3/4" FIP STRAIGHT VALVE x 24"
SGC580DA324	SS GAS FLEX 5/8" DIA x 1/2" MIP x 3/4" FIP ANGLE VALVE x 24"
SGC580D3MA324	SS GAS FLEX 5/8" DIA x 3/4" MIP x 3/4" FIP ANGLE VALVE x 24"
SGC580D30	SS GAS FLEX 5/8" DIA x 30" WITH FITTINGS
SGC580D3MS330	SS GAS FLEX 5/8" DIA x 3/4" MIP x 3/4" FIP STRAIGHT VALVE x 30"
SGC580DS330	SS GAS FLEX 5/8" DIA x 1/2" MIP x 3/4" FIP STRAIGHT VALVE x 30"
SGC580DS230	SS GAS FLEX 5/8" DIA x 1/2" MIP x 1/2" FIP STRAIGHT VALVE x 30"
SGC580DA330	SS GAS FLEX 5/8" DIA x 1/2" MIP x 3/4" FIP ANGLE VALVE x 30"
SGC580D3MA330	SS GAS FLEX 5/8" DIA x 3/4" MIP x 3/4" FIP ANGLE VALVE x 30"
SGC580D36	SS GAS FLEX 5/8" DIA x 36" WITH FITTINGS
SGC580D3MS336	SS GAS FLEX 5/8" DIA x 3/4" MIP x 3/4" FIP STRAIGHT VALVE x 36"
SGC580DS336	SS GAS FLEX 5/8" DIA x 1/2" MIP x 3/4" FIP STRAIGHT VALVE x 36"
SGC580DS236	SS GAS FLEX 5/8" DIA x 1/2" MIP x 1/2" FIP STRAIGHT VALVE x 36"
SGC580DA336	SS GAS FLEX 5/8" DIA x 1/2" MIP x 3/4" FIP ANGLE VALVE x 36"
SGC580D3MA336	SS GAS FLEX 5/8" DIA x 3/4" MIP x 3/4" FIP ANGLE VALVE x 36"
SGC580D48	SS GAS FLEX 5/8" DIA x 48" WITH FITTINGS
SGC580D3MS348	SS GAS FLEX 5/8" DIA x 3/4" MIP x 3/4" FIP STRAIGHT VALVE x 48"
SGC580DS248	SS GAS FLEX 5/8" DIA x 1/2" MIP x 1/2" FIP STRAIGHT VALVE x 48"
SGC580DS348	SS GAS FLEX 5/8" DIA x 1/2" MIP x 3/4" FIP STRAIGHT VALVE x 48"
SGC580DA348	SS GAS FLEX 5/8" DIA x 1/2" MIP x 3/4" FIP ANGLE VALVE x 48"
SGC580D3MA348	SS GAS FLEX 5/8" DIA x 3/4" MIP x 3/4" FIP ANGLE VALVE x 48"
SGC580D60	SS GAS FLEX 5/8" DIA x 60" WITH FITTINGS
SGC580D3MS360	SS GAS FLEX 5/8" DIA x 3/4" MIP x 3/4" FIP STRAIGHT VALVE x 60"
SGC580DS360	SS GAS FLEX 5/8" DIA x 1/2" MIP x 3/4" FIP STRAIGHT VALVE x 60"
SGC580DS260	SS GAS FLEX 5/8" DIA x 1/2" MIP x 1/2" FIP STRAIGHT VALVE x 60"
SGC580DA360	SS GAS FLEX 5/8" DIA x 1/2" MIP x 3/4" FIP ANGLE VALVE x 60"
SGC580D3MA360	SS GAS FLEX 5/8" DIA x 3/4" MIP x 3/4" FIP ANGLE VALVE x 60"
SGC580D72	SS GAS FLEX 5/8" DIA x 72" WITH FITTINGS
SGC580D3MS372	SS GAS FLEX 5/8" DIA x 3/4" MIP x 3/4" FIP STRAIGHT VALVE x 72"
SGC580DS272	SS GAS FLEX 5/8" DIA x 1/2" MIP x 1/2" FIP STRAIGHT VALVE x 72"
SGC580DS372	SS GAS FLEX 5/8" DIA x 1/2" MIP x 3/4" FIP STRAIGHT VALVE x 72"
SGC580DA372	SS GAS FLEX 5/8" DIA x 1/2" MIP x 3/4" FIP ANGLE VALVE x 72"
SGC580D3MA372	SS GAS FLEX 5/8" DIA x 3/4" MIP x 3/4" FIP ANGLE VALVE x 72"

BTU Rating

Connector Minimum Flow Capacity - **For Natural Gas** (per ANSI Z21.24/CSA 6.10 & ANSI Z21.75/CSA 6.27)
Straight Length Capacity - BTU per Hr 0.64 SG., 1000 BTU per Cu. Ft. at 0.5 inch Water Column (124 Pa) Pressure Drop

Series	Nominal OD (in)	Nominal ID (in)	12"	18"	24"	30"	36"	48"	60"	72"
3/8"	3/8"	1/4"	48,000	43,800	40,000	36,400	33,400	28,300	24,900	23,100
1/2"	1/2"	3/8"	102,000	93,100	85,000	77,100	71,100	60,500	53,200	49,100
5/8"	5/8"	1/2"	180,000	164,200	150,000	136,000	125,000	106,000	93,200	86,000
1"	1"	3/4"	349,000	318,500	290,500	270,000	255,900	215,000	197,400	173,900

Connector Minimum Flow Capacity - **For Propane Gas** (per ANSI Z21.24/CSA 6.10 & ANSI Z21.75/CSA 6.27)
Straight Length Capacity - BTU per Hr 1.55 SG., 2500 BTU per Cu. Ft. at 0.5 inch Water Column (124 Pa) Pressure Drop

Series	Nominal OD (in)	Nominal ID (in)	12"	18"	24"	30"	36"	48"	60"	72"
3/8"	3/8"	1/4"	76,800	70,080	64,000	58,240	53,440	45,280	39,840	36,960
1/2"	1/2"	3/8"	163,200	148,960	136,000	123,360	113,760	96,800	85,120	78,560
5/8"	5/8"	1/2"	288,000	262,720	240,000	217,600	200,000	169,600	149,120	137,600
1"	1"	3/4"	558,400	509,600	465,440	432,800	409,440	344,000	315,840	278,240

Note: When using 0.2 water column pressure drop, capacity can be determined by multiplying the values above by 0.632 (for both natural and propane gas). For capacities at other than noted, contact Falcon Stainless Inc. at 1-800-814-8444



All Falcon gas connectors (coated and uncoated) are compliant to the following Codes and Standards:

Complies with the Following Standards:

ANSI Z21.24/CSA 6.10-2006,
Connectors for Gas Appliances

ANSI Z21.24a/CSA 6.10a-2009,
Addenda A - Connectors for Gas Appliances

ANSI Z21.75/CSA 6.27-2006,
Outdoor Gas Appliances/Mfd Homes

ANSI Z21.75a/CSA 6.27a-2009,
Addenda A - Outdoor Gas Appliances/ Mfd Homes

Complies with the Following Codes:

2015, 2012 and 2009
International Gas Code® (IFGC)

2015, 2012 and 2009
International Residential Code® (IRC)

2015, 2012 and 2009
Uniform Plumbing Code® (UPC)*

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Association of Plumbing and Mechanical Officials



3/8" O.D. GAS DRYER - COATED (1/4" I.D.)

Model#	Description
SGC380DC12	POLYMER COATED SS 3/8" DIA x 12" WITH FITTINGS
SGC380DS1C12	POLYMER COATED SS 3/8" DIA x 1/2" MIP x 1/2" FIP STRAIGHT VALVE x 12"
SGC380DA1C12	POLYMER COATED SS 3/8" DIA x 1/2" MIP x 1/2" FIP ANGLE VALVE x 12"
SGC380DC18	POLYMER COATED SS 3/8" DIA x 18" WITH FITTINGS
SGC380DS1C18	POLYMER COATED SS 3/8" DIA x 1/2" MIP x 1/2" FIP STRAIGHT VALVE x 18"
SGC380DA1C18	POLYMER COATED SS 3/8" DIA x 1/2" MIP x 1/2" FIP ANGLE VALVE x 18"
SGC380DC24	POLYMER COATED SS 3/8" DIA x 24" WITH FITTINGS
SGC380DS1C24	POLYMER COATED SS 3/8" DIA x 1/2" MIP x 1/2" FIP STRAIGHT VALVE x 24"
SGC380DA1C24	POLYMER COATED SS 3/8" DIA x 1/2" MIP x 1/2" FIP ANGLE VALVE x 24"
SGC380DC30	POLYMER COATED SS 3/8" DIA x 30" WITH FITTINGS
SGC380DS1C30	POLYMER COATED SS 3/8" DIA x 1/2" MIP x 1/2" FIP STRAIGHT VALVE x 30"
SGC380DA1C30	POLYMER COATED SS 3/8" DIA x 1/2" MIP x 1/2" FIP ANGLE VALVE x 30"
SGC380DC36	POLYMER COATED SS 3/8" DIA x 36" WITH FITTINGS
SGC380DS1C36	POLYMER COATED SS 3/8" DIA x 1/2" MIP x 1/2" FIP STRAIGHT VALVE x 36"
SGC380DA1C36	POLYMER COATED SS 3/8" DIA x 1/2" MIP x 1/2" FIP ANGLE VALVE x 36"
SGC380DC48	POLYMER COATED SS 3/8" DIA x 48" WITH FITTINGS
SGC380DS1C48	POLYMER COATED SS 3/8" DIA x 1/2" MIP x 1/2" FIP STRAIGHT VALVE x 48"
SGC380DA1C48	POLYMER COATED SS 3/8" DIA x 1/2" MIP x 1/2" FIP ANGLE VALVE x 48"
SGC380DC60	POLYMER COATED SS 3/8" DIA x 60" WITH FITTINGS
SGC380DS1C60	POLYMER COATED SS 3/8" DIA x 1/2" MIP x 1/2" FIP STRAIGHT VALVE x 60"
SGC380DA1C60	POLYMER COATED SS 3/8" DIA x 1/2" MIP x 1/2" FIP ANGLE VALVE x 60"
SGC380DC72	POLYMER COATED SS 3/8" DIA x 72" WITH FITTINGS
SGC380DS1C72	POLYMER COATED SS 3/8" DIA x 1/2" MIP x 1/2" FIP STRAIGHT VALVE x 72"
SGC380DA1C72	POLYMER COATED SS 3/8" DIA x 1/2" MIP x 1/2" FIP ANGLE VALVE x 72"

3/8" O.D. FIREPLACE - COATED (1/4" I.D.)

Model#	Description
SGC380DBC12	BLACK POLYMER COATED SS 3/8" DIA x 12" WITH BLACK FITTINGS
SGC380DBC18	BLACK POLYMER COATED SS 3/8" DIA x 18" WITH BLACK FITTINGS
SGC380DBC24	BLACK POLYMER COATED SS 3/8" DIA x 24" WITH BLACK FITTINGS

1/2" O.D. GAS DRYER - COATED (3/8" I.D.)

Model#	Description
SGC120DC12	POLYMER COATED SS 1/2" DIA x 12" WITH FITTINGS
SGC120DS1C12	POLYMER COATED SS 1/2" DIA x 1/2" MIP x 1/2" FIP STRAIGHT VALVE x 12"
SGC120DA1C12	POLYMER COATED SS 1/2" DIA x 1/2" MIP x 1/2" FIP ANGLE VALVE x 12"
SGC120DC18	POLYMER COATED SS 1/2" DIA x 18" WITH FITTINGS
SGC120DS1C18	POLYMER COATED SS 1/2" DIA x 1/2" MIP x 1/2" FIP STRAIGHT VALVE x 18"
SGC120DA1C18	POLYMER COATED SS 1/2" DIA x 1/2" MIP x 1/2" FIP ANGLE VALVE x 18"
SGC120DC24	POLYMER COATED SS 1/2" DIA x 24" WITH FITTINGS
SGC120DS1C24	POLYMER COATED SS 1/2" DIA x 1/2" MIP x 1/2" FIP STRAIGHT VALVE x 24"
SGC120DA1C24	POLYMER COATED SS 1/2" DIA x 1/2" MIP x 1/2" FIP ANGLE VALVE x 24"
SGC120DC30	POLYMER COATED SS 1/2" DIA x 30" WITH FITTINGS
SGC120DS1C30	POLYMER COATED SS 1/2" DIA x 1/2" MIP x 1/2" FIP STRAIGHT VALVE x 30"
SGC120DA1C30	POLYMER COATED SS 1/2" DIA x 1/2" MIP x 1/2" FIP ANGLE VALVE x 30"
SGC120DC36	POLYMER COATED SS 1/2" DIA x 36" WITH FITTINGS
SGC120DS1C36	POLYMER COATED SS 1/2" DIA x 1/2" MIP x 1/2" FIP STRAIGHT VALVE x 36"
SGC120DA1C36	POLYMER COATED SS 1/2" DIA x 1/2" MIP x 1/2" FIP ANGLE VALVE x 36"
SGC120DC48	POLYMER COATED SS 1/2" DIA x 48" WITH FITTINGS
SGC120DS1C48	POLYMER COATED SS 1/2" DIA x 1/2" MIP x 1/2" FIP STRAIGHT VALVE x 48"
SGC120DA1C48	POLYMER COATED SS 1/2" DIA x 1/2" MIP x 1/2" FIP ANGLE VALVE x 48"
SGC120DC60	POLYMER COATED SS 1/2" DIA x 60" WITH FITTINGS
SGC120DS1C60	POLYMER COATED SS 1/2" DIA x 1/2" MIP x 1/2" FIP STRAIGHT VALVE x 60"
SGC120DA1C60	POLYMER COATED SS 1/2" DIA x 1/2" MIP x 1/2" FIP ANGLE VALVE x 60"
SGC120DC72	POLYMER COATED SS 1/2" DIA x 72" WITH FITTINGS
SGC120DS1C72	POLYMER COATED SS 1/2" DIA x 1/2" MIP x 1/2" FIP STRAIGHT VALVE x 72"
SGC120DA1C72	POLYMER COATED SS 1/2" DIA x 1/2" MIP x 1/2" FIP ANGLE VALVE x 72"

1/2" O.D. FIREPLACE - COATED (3/8" I.D.)

Model#	Description
SGC120DBC12	BLACK POLYMER COATED SS 1/2" DIA x 12" WITH BLACK FITTINGS
SGC120DBC18	BLACK POLYMER COATED SS 1/2" DIA x 18" WITH BLACK FITTINGS
SGC120DBC24	BLACK POLYMER COATED SS 1/2" DIA x 24" WITH BLACK FITTINGS



5/8" O.D. GAS RANGE - COATED (1/2" I.D.)

Model#	Description
SGC580DC12	POLYMER COATED SS 5/8" DIA x 12" WITH FITTINGS
SGC580D3MS3C12	POLYMER COATED SS 5/8" DIA x 3/4" MIP x 3/4" FIP STRAIGHT VALVE x 12"
SGC580DS2C12	POLYMER COATED SS 5/8" DIA x 1/2" MIP x 1/2" FIP STRAIGHT VALVE x 12"
SGC580DS3C12	POLYMER COATED SS 5/8" DIA x 1/2" MIP x 3/4" FIP STRAIGHT VALVE x 12"
SGC580DA3C12	POLYMER COATED SS 5/8" DIA x 1/2" MIP x 3/4" FIP ANGLE VALVE x 12"
SGC580D3MA3C12	POLYMER COATED SS 5/8" DIA x 3/4" MIP x 3/4" FIP ANGLE VALVE x 12"
SGC580DC18	POLYMER COATED SS 5/8" DIA x 18" WITH FITTINGS
SGC580D3MS3C18	POLYMER COATED SS 5/8" DIA x 3/4" MIP x 3/4" FIP STRAIGHT VALVE x 18"
SGC580DS2C18	POLYMER COATED SS 5/8" DIA x 1/2" MIP x 1/2" FIP STRAIGHT VALVE x 18"
SGC580DS3C18	POLYMER COATED SS 5/8" DIA x 1/2" MIP x 3/4" FIP STRAIGHT VALVE x 18"
SGC580DA3C18	POLYMER COATED SS 5/8" DIA x 1/2" MIP x 3/4" FIP ANGLE VALVE x 18"
SGC580D3MA3C18	POLYMER COATED SS 5/8" DIA x 3/4" MIP x 3/4" FIP ANGLE VALVE x 18"
SGC580DC24	POLYMER COATED SS 5/8" DIA x 24" WITH FITTINGS
SGC580D3MS3C24	POLYMER COATED SS 5/8" DIA x 3/4" MIP x 3/4" FIP STRAIGHT VALVE x 24"
SGC580DS2C24	POLYMER COATED SS 5/8" DIA x 1/2" MIP x 1/2" FIP STRAIGHT VALVE x 24"
SGC580DS3C24	POLYMER COATED SS 5/8" DIA x 1/2" MIP x 3/4" FIP STRAIGHT VALVE x 24"
SGC580DA3C24	POLYMER COATED SS 5/8" DIA x 1/2" MIP x 3/4" FIP ANGLE VALVE x 24"
SGC580D3MA3C24	POLYMER COATED SS 5/8" DIA x 3/4" MIP x 3/4" FIP ANGLE VALVE x 18"
SGC580DC30	POLYMER COATED SS 5/8" DIA x 30" WITH FITTINGS
SGC580D3MS3C30	POLYMER COATED SS 5/8" DIA x 3/4" MIP x 3/4" FIP STRAIGHT VALVE x 30"
SGC580DS2C30	POLYMER COATED SS 5/8" DIA x 1/2" MIP x 1/2" FIP STRAIGHT VALVE x 30"
SGC580DS3C30	POLYMER COATED SS 5/8" DIA x 1/2" MIP x 3/4" FIP STRAIGHT VALVE x 30"
SGC580DA3C30	POLYMER COATED SS 5/8" DIA x 1/2" MIP x 3/4" FIP ANGLE VALVE x 30"
SGC580D3MA3C30	POLYMER COATED SS 5/8" DIA x 3/4" MIP x 3/4" FIP ANGLE VALVE x 30"
SGC580DC36	POLYMER COATED SS 5/8" DIA x 36" WITH FITTINGS
SGC580D3MS3C36	POLYMER COATED SS 5/8" DIA x 3/4" MIP x 3/4" FIP STRAIGHT VALVE x 36"
SGC580DS2C36	POLYMER COATED SS 5/8" DIA x 1/2" MIP x 1/2" FIP STRAIGHT VALVE x 36"
SGC580DS3C36	POLYMER COATED SS 5/8" DIA x 1/2" MIP x 3/4" FIP STRAIGHT VALVE x 36"
SGC580DA3C36	POLYMER COATED SS 5/8" DIA x 1/2" MIP x 3/4" FIP ANGLE VALVE x 36"
SGC580D3MA3C36	POLYMER COATED SS 5/8" DIA x 3/4" MIP x 3/4" FIP ANGLE VALVE x 36"
SGC580DC48	POLYMER COATED SS 5/8" DIA x 48" WITH FITTINGS
SGC580D3MS3C48	POLYMER COATED SS 5/8" DIA x 3/4" MIP x 3/4" FIP STRAIGHT VALVE x 48"
SGC580DS2C48	POLYMER COATED SS 5/8" DIA x 1/2" MIP x 1/2" FIP STRAIGHT VALVE x 48"
SGC580DS3C48	POLYMER COATED SS 5/8" DIA x 1/2" MIP x 3/4" FIP STRAIGHT VALVE x 48"
SGC580DA3C48	POLYMER COATED SS 5/8" DIA x 1/2" MIP x 3/4" FIP ANGLE VALVE x 48"
SGC580D3MA3C48	POLYMER COATED SS 5/8" DIA x 3/4" MIP x 3/4" FIP ANGLE VALVE x 48"
SGC580DC60	POLYMER COATED SS 5/8" DIA x 60" WITH FITTINGS
SGC580D3MS3C60	POLYMER COATED SS 5/8" DIA x 3/4" MIP x 3/4" FIP STRAIGHT VALVE x 60"
SGC580DS2C60	POLYMER COATED SS 5/8" DIA x 1/2" MIP x 1/2" FIP STRAIGHT VALVE x 60"
SGC580DS3C60	POLYMER COATED SS 5/8" DIA x 1/2" MIP x 3/4" FIP STRAIGHT VALVE x 60"
SGC580DA3C60	POLYMER COATED SS 5/8" DIA x 1/2" MIP x 3/4" FIP ANGLE VALVE x 60"
SGC580D3MA3C60	POLYMER COATED SS 5/8" DIA x 3/4" MIP x 3/4" FIP ANGLE VALVE x 60"
SGC580DC72	POLYMER COATED SS 5/8" DIA x 72" WITH FITTINGS
SGC580D3MS3C72	POLYMER COATED SS 5/8" DIA x 3/4" MIP x 3/4" FIP STRAIGHT VALVE x 72"
SGC580DS2C72	POLYMER COATED SS 5/8" DIA x 1/2" MIP x 1/2" FIP STRAIGHT VALVE x 72"
SGC580DS3C72	POLYMER COATED SS 5/8" DIA x 1/2" MIP x 3/4" FIP STRAIGHT VALVE x 72"
SGC580DA3C72	POLYMER COATED SS 5/8" DIA x 1/2" MIP x 3/4" FIP ANGLE VALVE x 72"
SGC580D3MA3C72	POLYMER COATED SS 5/8" DIA x 3/4" MIP x 3/4" FIP ANGLE VALVE x 72"

1" O.D. TANKLESS WATER HEATER - MOBILE HOME - COATED (7/8" I.D.)

Model#	Description
SGC10DC12	POLYMER COATED SS 1" DIA x 3/4" MIP x 3/4" FIP x 12"
SGC10DC18	POLYMER COATED SS 1" DIA x 3/4" MIP x 3/4" FIP x 18"
SGC10DC24	POLYMER COATED SS 1" DIA x 3/4" MIP x 3/4" FIP x 24"
SGC10DC48	POLYMER COATED SS 1" DIA x 3/4" MIP x 3/4" FIP x 48"



Falcon Stainless - Gas Valves/Fittings and Tankless Water Heater Installation Kit



GAS CONNECTOR FITTINGS

Model#	Description
PS1	3/8" FLARE x 3/8" FIP
PS2	3/8" FLARE x 1/2" FIP
PS3	1/2" FLARE x 3/8" FIP
PS4	1/2" FLARE x 1/2" FIP
PS5	1/2" FLARE x 3/4" FIP
PS6	5/8" FLARE x 1/2" FIP
PS7	5/8" FLARE x 3/4" FIP
PS8	1" FLARE x 3/4" FIP
PS9	1" FLARE x 1" FIP
PS10	3/8" FLARE x 3/8" MIP (TAPPED 1/4" FIP)
PS11	3/8" FLARE x 1/2" MIP (TAPPED 3/8" FIP)
PS12	1/2" FLARE x 3/8" MIP (TAPPED 1/4" FIP)
PS13	1/2" FLARE x 1/2" MIP (TAPPED 3/8" FIP)
PS14	1/2" FLARE x 3/4" MIP (TAPPED 1/2" FIP)
PS15	5/8" FLARE x 1/2" MIP (TAPPED 3/8" FIP)
PS16	5/8" FLARE x 3/4" MIP (TAPPED 1/2" FIP)
PS17	1" FLARE x 3/4" MIP (TAPPED 1/2" FIP)

GAS VALVES

Model#	Description
BS138fl	STRT BALL VALVE 3/8" FLARE x 1/2" FIP
BS112f	STRT BALL VALVE 1/2" FLARE x 1/2" FIP
BS115-16fl	STRT BALL VALVE 5/8" FLARE x 1/2" FIP
BS115-15fl/fip	STRT BALL VALVE 5/8" FLARE x 3/4" FIP
BS112fip	STRT BALL VALVE 1/2" FIP x 1/2" FIP
BS134fip	STRT BALL VALVE 3/4" FIP x 3/4" FIP
BS134fip/p	STRT BALL VALVE 3/4" FIP x 3/4" FIP Full Port
BA238	ANGLE BALL VALVE 3/8" FLARE x 1/2" FIP
BA212	ANGLE BALL VALVE 1/2" FLARE x 1/2" FIP
BA21516	ANGLE BALL VALVE 5/8" FLARE x 3/4" FIP

Tankless Water Heater Connection Kit W/Valve

Model#	Description
TWH-SWT-18	Single Union Service Valve Set 18" High Flow BTU Gas Connection W/ 2ea. 24" 3/4" x Sweat Stainless Steel Connectors; 1 ea. Relief Valve.
TWH-SWT-24	Single Union Service Valve Set 24" High Flow BTU Gas Connection W/ 2ea. 24" 3/4" x Sweat Stainless Steel Connectors; 1 ea. Relief Valve.
TWH-FF-18	Single Union Service Valve Set 18" High Flow BTU Gas Connection W/ 2ea. 24" 3/4" Fip x 3/4" Fip Nut x Nut Stainless Steel Connectors; 1 ea. Relief Valve.
TWH-FF-24	Single Union Service Valve Set 24" High Flow BTU Gas Connection W/ 2ea. 24" 3/4" Fip x 3/4" Fip Nut x Nut Stainless Steel Connectors; 1 ea. Relief Valve.





Falcon Stainless Water Heater / Faucet / Softener Connector Kits



WATER HEATER KIT - ELECTRIC



F1 KIT PTC BALL VALVE 18

Count	Model# / Accessory	Description
1	PTCFIP V-18	Push-Fit 3/4" Full Port Valve and SS Connector x 3/4" FIP x 18"
1	SWC340-18	3/4" ID ultra-flex 3/4" FIP x FIP x 18"
1	ROLL TEFLON TAPE	1/2" x 60"

F2 KIT PTC BALL VALVE 24

Count	Model# / Accessory	Description
1	PTCFIP V-24	Push-Fit 3/4" Full Port Valve and SS Connector x 3/4" FIP x 24"
1	SWC340-24	3/4" ID ultra-flex 3/4" FIP x FIP x 24"
1	ROLL TEFLON TAPE	1/2" x 60"



F3 KIT SWC340-18

Count	Model# / Accessory	Description
2	PTCFIP V-18	3/4" ID ultra-flex 3/4" FIP x FIP x 18"
1	ROLL TEFLON TAPE	1/2" x 60"

F4 KIT SWC340-24

Count	Model# / Accessory	Description
2	SWC340-24	3/4" ID ultra-flex 3/4" FIP x FIP x 24"
1	ROLL TEFLON TAPE	1/2" x 60"

WATER HEATER KIT - GAS



F5 KIT F12ODC24

Count	Model# / Accessory	Description
1	SGC12ODC24	1/2" MIP x 1/2" FIP
2	SWC340-24	3/4" ID ultra-flex 3/4" FIP x FIP x 18"
1	ROLL TEFLON TAPE	1/2" x 60"

F6 KIT F12ODC18

Count	Model# / Accessory	Description
1	SGC12ODC18	1/2" MIP x 1/2" FIP
2	SWC340-18	3/4" ID ultra-flex 3/4" FIP x FIP x 24"
1	ROLL TEFLON TAPE	1/2" x 60"

F7 KIT F12ODC30

Count	Model# / Accessory	Description
1	SGC12ODC30	1/2" MIP x 1/2" FIP
2	SWC340-24	3/4" ID ultra-flex 3/4" FIP x FIP x 24"
1	ROLL TEFLON TAPE	1/2" x 60"



F8 KIT PTC BALL VALVE KIT 18

Count	Model# / Accessory	Description
1	SGC12ODC18	1/2" MIP x 1/2" FIP
1	PTCFIP V-18	Push-Fit 3/4" Full Port Valve and SS Connector x 3/4" FIP x 18"
1	PTC34JG-18	3/4" JGPTC x 3/4" FIP x 18"
1	ROLL TEFLON TAPE	1/2" x 60"

F9 KIT PTC BALL VALVE KIT 24

Count	Model# / Accessory	Description
1	SGC12ODC24	1/2" MIP x 1/2" FIP
1	PTCFIP V-24	Push-Fit 3/4" Full Port Valve and SS Connector x 3/4" FIP x 24"
1	PTC34JG-24	3/4" JGPTC x 3/4" FIP x 24"
1	ROLL TEFLON TAPE	1/2" x 60"

WATER SOFTENER KIT



F10 KIT PTC34-1N-18

Count	Model# / Accessory	Description
2	PTC34JG1N-18	3/4" JGPTC x 1" Nylon FIP x 18"

F11 KIT PTC34-1N-24

Count	Model# / Accessory	Description
2	PTC34JG1N-24	3/4" JGPTC x 1" Nylon FIP x 24"

F12 KIT PTC-1N-18

Count	Model# / Accessory	Description
2	PTC1JG-1N-18	1" JGPTC x 1" Nylon FIP x 18"



F13 KIT SWCN134-18

Count	Model# / Accessory	Description
2	SWCN134-18	1" Nylon FIP x 3/4" FIP x 18"

FAUCET CONNECTOR KIT



F14 KIT S-03-16

Count	Model# / Accessory	Description
2	S-03-16	1/2" FIP x 3/8" Compression Stainless Steel Corrugated Lavatory Connector

F15 KIT S-03-20

Count	Model# / Accessory	Description
2	S-03-20	1/2" FIP x 3/8" Compression Stainless Steel Corrugated Lavatory Connector

GAS DRYER KIT - GAS



F16 KIT F12ODC36

Count	Model# / Accessory	Description
1	SGC12ODC36 1/2" MIP	X 1/2" FIP
1	PS13	1/2" Flare x 1/2" MIP Tapped 3/8" FIP
1	PS5	1/2" Flare x 3/4" FIP

F17 KIT F12ODC48

Count	Model# / Accessory	Description
1	SGC12ODC48 1/2" MIP	X 1/2" FIP
1	PS13	1/2" Flare x 1/2" MIP Tapped 3/8" FIP
1	PS5	1/2" Flare x 3/4" FIP

F18 KIT F12ODC60

Count	Model# / Accessory	Description
1	SGC12ODC60 1/2" MIP	X 1/2" FIP
1	PS13	1/2" Flare x 1/2" MIP Tapped 3/8" FIP
1	PS5	1/2" Flare x 3/4" FIP



F19 KIT F58ODC36

Count	Model# / Accessory	Description
1	SGC12ODC36 1/2" MIP	X 1/2" FIP
1	PS7	5/8" Flare x 3/4" FIP
1	PS15	5/8" Flare x 1/2" MIP Tapped 3/8" FIP

F20 KIT F58ODC48

Count	Model# / Accessory	Description
1	SGC12ODC48 1/2" MIP	X 1/2" FIP
1	PS7	5/8" Flare x 3/4" FIP
1	PS15	5/8" Flare x 1/2" MIP Tapped 3/8" FIP

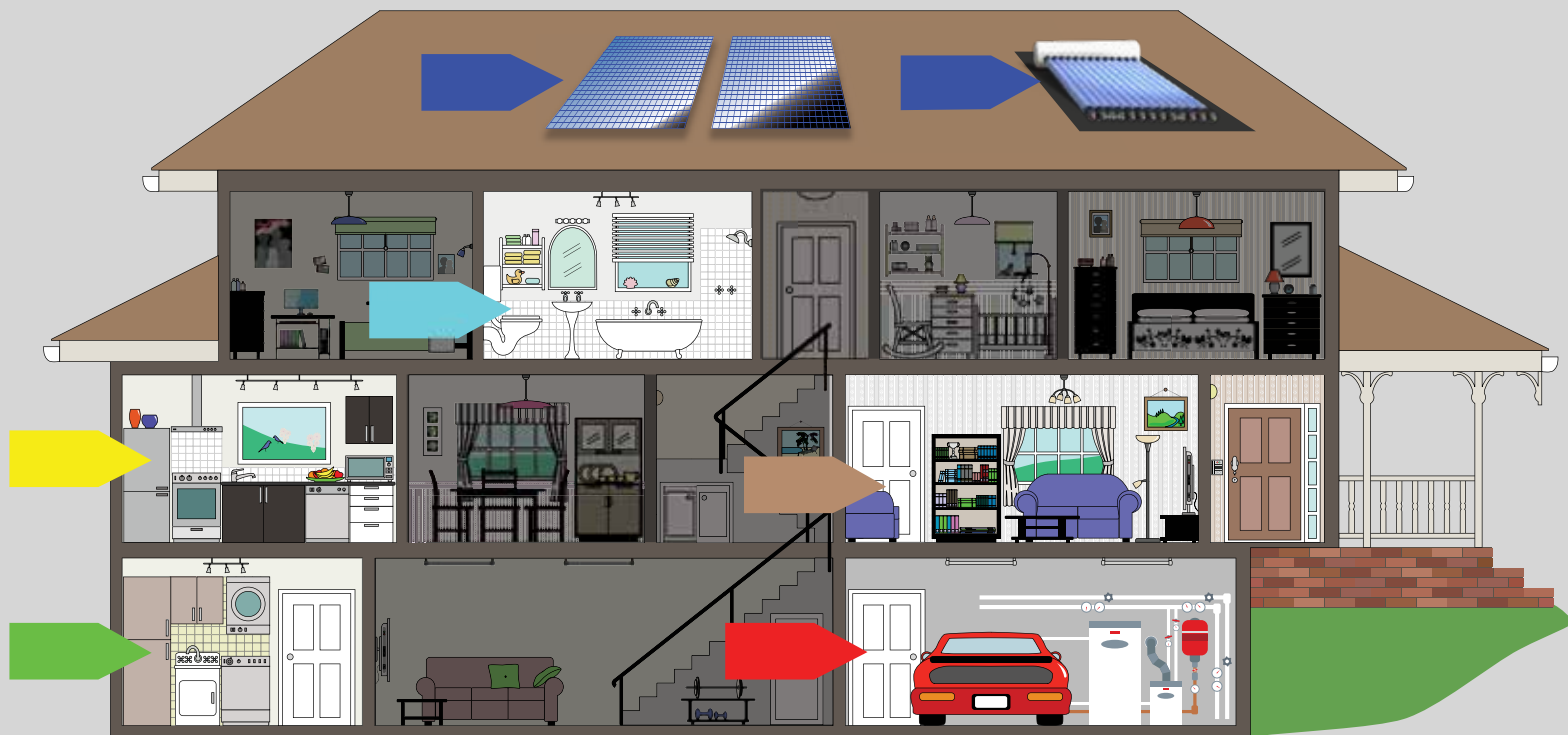
F21 KIT F58ODC60

Count	Model# / Accessory	Description
1	SGC12ODC60 1/2" MIP	X 1/2" FIP
1	PS7	5/8" Flare x 3/4" FIP
1	PS15	5/8" Flare x 1/2" MIP Tapped 3/8" FIP

Top 25 Reasons to Use Flexible Corrugated Stainless Steel Water & Gas Connectors made by Falcon Stainless

Here are the Top 25 reasons to use Falcon Stainless' flexible CSS connectors:

1. Lifetime Warranty
2. Falcon introduced CSS to the US Market way back in the early 1980's!
3. Large Variety of configurations designed to save you time and money.
4. Largest inner diameter for Highest GPM/BTU in the industry.
5. $\frac{3}{4}$ " Models Flow approximately 134% More than Braided Connectors.
6. Will not discolor, corrode or rust!
7. No galvanic effect with CSS so No dielectric union needed!
8. Water Connectors available in sizes from $\frac{3}{8}$ " To 2" I.D in various lengths & configurations.
9. Gas Connectors available in sizes from $\frac{3}{8}$ " to 1" OD in various lengths & fittings.
10. Burst pressure rated up to 2200 psi on water connectors.
11. Stronger and way more flexible than copper water connectors.
12. Exemplary Customer Service.
13. Daily FedEx Shipping M-F for orders received by Falcon before 2:30 pm.
14. Innovative Proprietary Designs.
15. High Temp NSF listed washer material resists Chlorine, Chloramine and Ozone.
16. Chromed Brass Nuts.
17. $\frac{3}{4}$ " and 1" Copper Sweat with dual purpose.
18. Toilet connectors with no plastic parts.
19. Only Falcon offers John Guest™ Genuine Push-To-Connect Technology in $\frac{1}{2}$ ", $\frac{3}{4}$ " and 1" configurations.
20. All products meet Standards and Code requirements and are listed by ICC-ES PMG compliant to: AB1953 (Low Lead Certified), ASME A112.18.6, CSA, NSF 61, UPC, IPC, IRC, IMC.
21. Australia and New Zealand, and are WaterMark approved to ATS 5200.489-2009
22. Specified by CA & TX Schools & Prisons.
23. Vandal Proof
24. For New Construction, Remodeling and Repair Markets! We are the experts!
25. If it's right for our house...it's right for yours!



- Bathroom: faucet and toilet connectors and POU water heater connectors
- Kitchen: faucet, cooktop, stove, oven/range, ice maker connectors, POU water treatment connectors
- Garage: water heater and water treatment connectors
- Laundry Room: dryer connectors, faucet connectors
- Roof: Solar connectors and coils
- Living Room/Family Room: Fireplace connectors



Warranty

Falcon Stainless, Inc. warrants its products against manufacturers defect for the lifetime of the installation. Should a Falcon Stainless steel corrugated water or gas connector be defective, (i.e., tube failure, pinhole, cracks, or bursts) it must be returned to Falcon Stainless, Inc., directly, and it shall be replaced at no charge.

Ultimate responsibility for compliance with local codes rests entirely with purchaser and/or installer. Company assumes no responsibility for failure due to improper installation. Company assumes no responsibility for damages caused by errors in installation. Falcon Stainless, Inc. does not warranty the installation or the installer. Under no circumstances will Falcon Stainless, Inc. be liable for mold remediation, labor or consequential damages to property, real or personal.

This Warranty covers use in exposed and readily accessible locations, and does not cover direct chemical or solvent contact, misuse or abuse of product.

Falcon Stainless will not be responsible for damage to washers caused by sharp or irregular mating surfaces which may cut into and damage the washer and compromising the seal of water connectors.







FALCON STAINLESS INC.

Where Quality Flows In Your Direction

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