

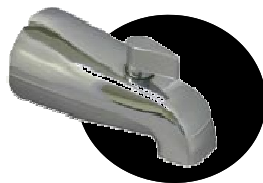


Innovations in plumbing and heating ...

**Calling All
Contractors ...**



**LET RAVEN
MAKE YOUR
LIFE EASIER !**



Ph 888-467-2836
Fax 877-297-2836
website: www.ravenproducts.us

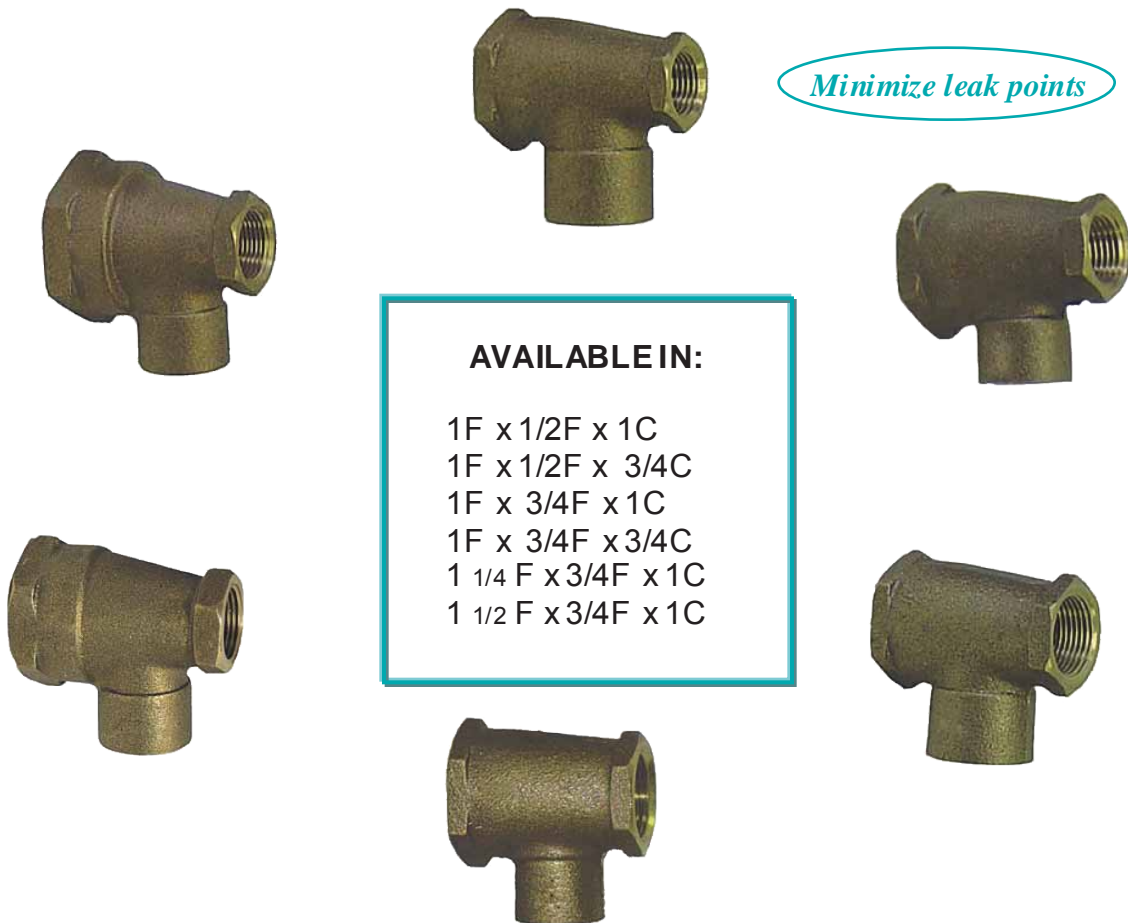
Indirect Water Heater Tees

These unique fittings will save you time on installation of your indirect water heaters.

Our single casting bronze fittings will replace the adapters, nipples and tees required to connect to the 1" and 1 1/2" nipples of the indirect's domestic or boiler loops.

These fittings will provide female connections for your purge valve, vacuum relief or T&P relief valve.

Our quality fittings will improve your installation's appearance and reliability.



Specialty Fittings at a glance...



LONG THROAT TEES

3/4C x 3/4C x 1/2F
1C x 1C x 1/2F
3/4C x 3/4C x 3/4F
1C x 1C x 3/4F

ITEM CODE

#LT34C34C12F
#LT1C1C12F
#LT34C34C34F
#LT1C1C34F

MONOFLOW TEES



ITEM CODE

3/4C x 3/4C x 1/2C	#MF34C34C12C
1C x 1C x 1/2C	#MF1C1C12C
1C x 1C x 3/4C	#MF1C1C34C
1 1/4C x 1 1/4C x 1/2C	#MF114C114C12C
1 1/4C x 1 1/4C x 3/4C	#MF114C114C34C
3/4C x 3/4C x 1/2C Scoop	#SCOOP34C34C12SCT



LONG BODY TEES

3/4C x 3/4ST x 1/2F
1C x 1ST x 1/2F
3/4C x 3/4M x 1/2F
1C x 1M x 1/2F
1C x 1ST x 1/2C

ITEM CODE

#LB34C34ST12F
#LB1C1ST12F
#LB34C34m12F
#LB1C1M12F
#LB1C1ST12C

P-Traps at a glance..



1 1/2 C X 1 1/2 C
P-TRAP WITH
CLEAN OUT
#112ccpt/co



2 C X 2 C P-TRAP
LESS CLEAN OUT
#2ccpt/co



1 1/2 C X 1 1/2 SLIP
JOINT- UNION
P-TRAP LESS
CLEAN OUT
#112csjuptlco



1 1/2 C X 1 1/2 SLIP
JOINT P-TRAP
WITH CLEAN OUT
#112csjpt/co

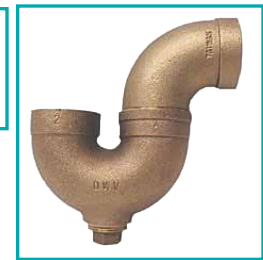


1 1/2 C X 1 1/2 C
UNION P-TRAP
LESS CLEAN OUT
#112ccuptlco



1 1/2 C X 1 1/2 C
P-TRAP LESS
CLEAN OUT
#112ccptlco

2 C X 2 C P-TRAP
WITH CLEAN OUT
#2ccpt/co



"E-Z" Water Heating Fittings

"E-Z" Water Heater Tees

3/4 MALE LONG x 1/2F x 1/2C	ITEM # #34ML12F12C
3/4 MALE LONG x 1/2F x 3/4C	#34ML12F34C
3/4 MALE LONG x 3/4F x 3/4F	#34ML34F34F
3/4 FEMALE LONG x 1/2F x 1/2C	#34FL12F12C
3/4 FEMALE LONG x 1/2F x 3/4C	#34FL12F34C



3/4" long male end threads directly into cold water inlet of water heater. 1/2" or 3/4" female end receives vacuum relief valve and 1/2" or 3/4" c branch to connect cold water supply.

"E-Z" Water Heater Adapters

These fittings are used on installations of water heaters to make installation time faster with less chance of leaks. Takes the place of one fitting and one nipple which need to be assembled; connects hot water outlet to 3/4" or 1/2" copper pipe.



3/4 MALE x 1/2C	ITEM # #34ML12C
3/4 MALE x 3/4C	#34ML34C

Ductile Iron EZ Grip Circulator Flange

Our new and improved Ductile Iron EZ Grip Circulator Flange features raised, round edges for easy installation with channel locks.

* No Flat Sides!

* Stronger than Cast Iron!

* Patent Pending!



New high grip surface configuration!

ITEM #	DESCRIPTION	BOX QTY
available in green, black, red or salmon - please specify color when ordering (each bag contains 2 flanges and 4 nuts and bolts)		
DI FLNG34	3/4" Ductile Iron EZ Grip Circulator Flange	12
DI FLNG1	1" Ductile Iron EZ Grip Circulator Flange	12
DI FLNG114	1 1/4" Ductile Iron EZ Grip Circulator Flange	12
DI FLNG112	1 1/2" Ductile Iron EZ Grip Circulator Flange	12

Purge Stations w/ Boiler Drain

* Assembly required

#PS34CC

3/4 C x C Purge Station w/ 1/4 Turn
Boiler Drain

#PS34CF

3/4 C x F Purge Station w/ 1/4 Turn
Boiler Drain

#PS34CM

3/4 C x M Purge Station w/ 1/4 Turn
Boiler Drain

#PS1CC

1 C x C Purge Station w/ 1/4 Turn
Boiler Drain

#PS1CF

1 C x F Purge Station w/ 1/4 Turn
Boiler Drain



#PS34CC

FEATURES:

- reversible lever handle
- allows for larger flow of water for faster purging

Multi-Function Circulator Flanges

This unique and innovative ball valve provides both **operation** and **isolation** modes.

MFCF less purge

*patented



FEATURES:

- specialized ball valve configuration
- extended body to protect damage to valve during soldering
- available in sweat or IPS models
- choose from 4 sizes: 3/4" , 1" , 1 1/4" , and 1 1/2"
- includes nuts, bolts, and gasket
- individually boxed
- yellow lever handle

Boiler Trim Isolation Valves

Gauge Isolator

No need to drain the system to swap your gauges; just isolate and replace them.

Item #

1212MF – 1/2 M x 1/2 F Ball Valve w/ lever handle

1414MF – 1/4 M x 1/4 F Ball Valve w/ lever handle



#1818MF

Air Vent Isolator

- * Extended body design for air vent isolation
- * The vent flag will not interfere with the ball valve operation.
- * Isolate & replace

Item #

1818MF – 1/8 M x 1/8 F Ball Valve w/ lever handle

Multi-Function Circulator Flanges w/ 3" Extension Piece

* also available with purge



- 3" Copper extension piece allows installation using press fittings
- Specialized ball valve configuration
- 4 sizes available: 3/4", 1", 1 1/4", 1 1/2"
- Includes nuts, bolts, and gasket
- Individually boxed
- Yellow lever handle

ITEM #	DESCRIPTION	BOX QTY	MASTER QTY
34CMFCFLPEXT	3/4" Copper Multifunction Circulator Flange w/ 3" Ext. Piece	1	12
1CMFCFLPEXT	1" Copper Multifunction Circulator Flange w/ 3" Ext. Piece	1	12
114CMFCFLPEXT	1 1/4" Copper Multifunction Circulator Flange w/ 3" Ext. Piece	1	12
112CMFCFLPEXT	1 1/2" Copper Multifunction Circulator Flange w/ 3" Ext. Piece	1	12
34CMFCFWPEXT	3/4" Copper Multifunction Circulator Flange W/P w/ 3" Ext. Piece *	1	12
1CMFCFWPEXT	1" Copper Multifunction Circulator Flange W/P w/ 3" Ext. Piece *	1	12
114CMFCFWPEXT	1 1/4" Copper Multifunction Circulator Flange W/P w/ 3" Ext. Piece *	1	12
112CMFCFWPEXT	1 1/2" Copper Multifunction Circulator Flange W/P w/ 3" Ext. Piece *	1	12

HYDRONIC HEATING HEADERS

E-Z Header Family Features

* Patented Item

- Tested to 100 PSI
- Can be used with zone valves or pumps
- For hot water heating systems
- Less chance of leaks
- Allows ability to add a future zone off end of header
- Allows for a neater job presenting a professional appearance
- All zones line up perfectly every time
- A STMA 53 Schedule 40
- Thread protectors on all threads



THE ORIGINAL E-Z HEADER

- Available for 2 - 9 zone applications
- 3/4", 1", or 1 1/4" Outlets
(1 1/4" available on 4 zone 2" run only)
- 1", 1 1/4", 1 1/2", or 2" runs

***E-Z HEADER II with
Built in Air Eliminator**
(3/4" outlet header is available with a 1" outlet for indirect water heater)

- Available with 3/4" or 1" outlets
- 1 1/4" runs and up to 5 zones



E-Z HEADER FOR USE WITH INDIRECT WATER HEATER

- Available with 1 - 7 3/4" outlets plus one 1" outlet for indirect water heaters
- 1 1/4" available in 2 zone - 6 zone
- 1 1/2" available in 3 zone - 8 zone
- For indirect water heater applications



Copper Headers

Type K Copper (24 outlets) Type L Copper (all others) Standard Copper Ends
 APPLICATIONS: Zone Manifolds, Radiant Manifolds, Return Manifolds, Boiler Headers
 Individually Boxed for Re-Shipping

Item #	Size	Centers	Outlets	Box Qty
SIX FOOT COPPER HEADERS				
1c1212	1 x ½ x 72"	6"	12	1
1C1812	1 x ½ x 72"	4"	18	1
1C2412	1 x ½ x 72"	3"	24	1
1C1234	1 x ¾ x 72"	6"	12	1
1C1834	1 X ¾ X 72"	4"	18	1
1C2434	1 X ¾ X 72"	3"	24	1
114C1212	1 ¼ X ½ X 72"	6"	12	1
114C1812	1 ¼ X ½ X 72"	4"	18	1
114C2412	1 ¼ X ½ X 72"	3"	24	1
114C1234	1 ¼ X ¾ X 72"	6"	12	1
114C1834	1 ¼ X ¾ X 72"	4"	18	1
114C2434	1 ¼ X ¾ X 72"	3"	24	1
114C121	1 ¼ X 1 X 72"	6"	12	1
112C1234	1 ½ X ¾ X 72"	6"	12	1
112C1834	1 ½ X ¾ X 72"	4"	18	1
112C121	1 ½ X 1 x 72"	6"	12	1
2C1234	2 X ¾ X 72"	6"	12	1
2C1834	2 X ¾ X 72"	4"	18	1
2C121	2 X 1 X 72"	6"	12	1
STANDARD COPPER HEADERS				
1C612	1 X 1/2 X 24"	4"	6	1
1C334	1 X 3/4 X 12"	4"	3	1
1C3346	1 X 3/4 X 18"	6"	3	1
1C512	1 X 1/2 X 20"	4"	5	1
114C334	1 1/4 X 3/4 X 12"	4"	3	1
114C3346	1 1/4 X 3/4 X 18"	6"	3	1
114C434	1 1/4 X 3/4 X 16"	4"	4	1
114C534	1 1/4 X 3/4 X 20"	4"	5	1
114C634	1 1/4 X 3/4 X 24"	4"	6	1
SIX FOOT COPPER HEADERS W/ PEX CONNECTIONS				
COPPEX114C2412P	1 1/4 X 1/2 X 72"	3"	24	1
COPPEX114C1812P	1 1/4 X 1/2 X 72"	4"	18	1

For Primary/Secondary Piping

Primary/Secondary Steel Headers



AVAILABLE IN:

- * 22" Steel Header 1¼ w / 2 - 1" F branches (2½" ctr)
item#PSH221141
- * 22" Steel Header 1¼ w / 2 - 1¼" M branches (2½" ctr)
item#PSH22114114
- * 34" Steel Header 1¼ w / 2 - 1" F branches (4" ctr)
item#PSH341141
- * 34" Steel Header 1¼ w / 2 - 1¼" M branches (4" ctr)
item#PSH34114114

SIZES AVAILABLE:

- * 5½" Copper Loop Tee item#114c212lt
1¼ c w / 2 - ½" c branches (2¾" ctr)
- * 6" Copper Loop Tee item#114c234lt
1¼ c w / 2 - ¾" c branches (3" ctr)
- * 7½" Copper Loop Tee item#112c2114lt
1½ c w / 2 - 1¼" c branches (4" ctr)
- * 8½" Copper Loop Tee item#114c2114lt
1¼ c w / 2 - 1¼" c branches (3¾" ctr)

Copper Loop Tees



Nipple Runs, Tote Kits, & Tote Trays



TOTE TRAYS



NIPPLE RUNS

ITEM #	DESCRIPTION	BOX QTY	MASTER QTY
12BNR	½" Black Nipple Run	11	330
34BNR	¾" Black Nipple Run	11	220
1BNR	1" Black Nipple Run	10	120
114BNR	1¼" Black Nipple Run	10	120
112BNR	1½" Black Nipple Run	10	60
2BNR	2" Black Nipple Run	9	36
12BTK	½" Black Tote Kit	66	66
34BTK	¾" Black Tote Kit	66	66
1BTK	1" Black Tote Kit	60	60
114BTK	1 ¼" Black Tote Kit	30	30
NTT12	½" Steel Nipple Tote Tray	1	4
NTT34	¾" Steel Nipple Tote Tray	1	3
NTT1	1" Steel Nipple Tote Tray	1	2



All our Black Tote Kits are shipped in a convenient carrying case, with labels on the inside box lids indicating sizes.



OIL TANK ACCESSORIES

Put the vacuums away!

No need to panic when the tank is loaded and you need to work on the feed to the burner.

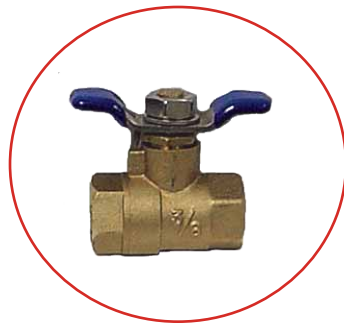
Just isolate the tank by using this elbow and our **3/8" F x F ball valve** (shown below).

OIL TANK ELBOW



This heavy duty schedule 40 steel elbow will not break with pressure from ice or someone's step. This elbow extends 2" past outside of tank allowing for easy connection of isolation valves. Inline fusible oil valve can be placed after isolation valve.

Now that's a smart set up.



3/8 F x F BALL VALVE

Item # TPG38

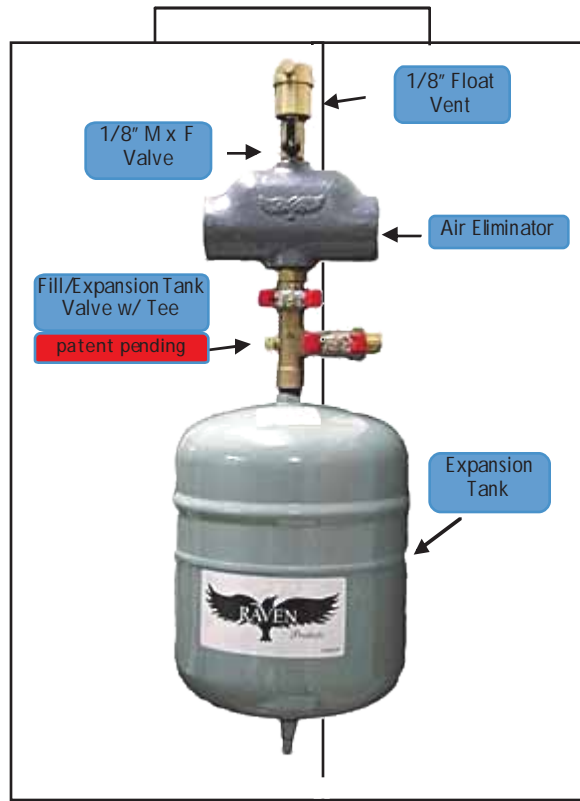
VENT CAPS

ITEM #	DESCRIPTION
114GVCAP/S	1 1/4 Vent Cap with Screen
114GVCAP	1 1/4 Vent Cap less Screen
112GVCAP/S	1 1/2 Vent Cap with Screen
2GVCAP/S	2 Vent Cap with Screen



EXPANSION TANK PACKAGES

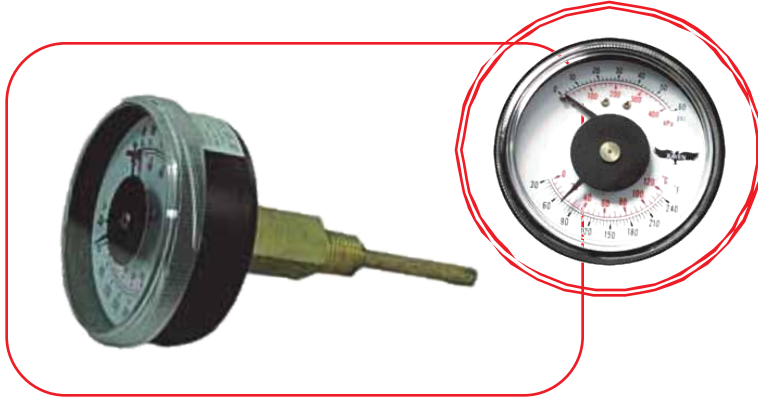
Complete, competitively priced installation package featuring our #1130 expansion tank valve (patent pending) to streamline installation and help eliminate future time consuming service issues.



- 1/8" Float Vent *
- 1/8" M x F Isolation Ball Valve *
- Air Eliminator (1" or 1 1/4") *
- Fill/Expansion Tank Valve w/ tee *
 (another patented Raven innovation)
- Expansion Tank (available in 15, 30, or 60)

these items are also available separately at your Raven wholesaler

E-Z Trialtimeter



Temperature Range: 30 - 240°F
Pressure Range: 0 - 60 PSI
Connection: 1/4" NPT

TRISTD
E-Z Trialtimeter Short Shank 1/4" NPT
(pictured above)

TRILONG
E-Z Trialtimeter Long Shank 1/4" NPT

E-Z Hot Water Thermometer

Hot Water Thermometer w/ Adapter
Temperature Range 30-250°
Available with Copper Adapter
and IPS Adapter

#RAVWHT



Strap On Thermometer



30 -250°F

Adjustable Strap On Thermometer Fits onto Various
Size Pipes (PLASTIC AND COPPER)

#SORAVWHT-1

Kitchen & Bath

DIVERTER TUB SPOUTS



BATH & BASIN COCK



#77-01

LAV FAUCETS



#11-101

CHROME SHOWER HEADS



#52-203

GRID DRAINS



#30-02

ONE TOUCH DRAINS



#30-05PC

LAUNDRY & BAR FAUCETS



#69-01

KITCHEN FAUCETS

#22-205



One Touch Drains

For Lavs with Overflow

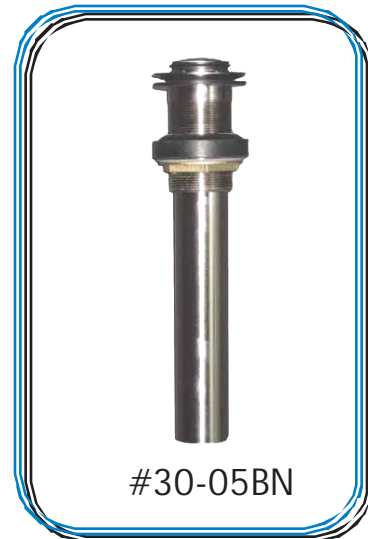


Featuring One Touch
Open and Close

CP - Chrome Plated		
ITEM #	BOX QTY	MASTER QTY
30-06CP	1	20

For Lavs without Overflow

ITEM #	DESCRIPTION
30-05PC	Polished Chrome
30-05PN	Polished Nickel
30-05BN	Brushed Nickel
30-05PB	PVD Brass
30-05ORB	Oil Rubbed Bronze

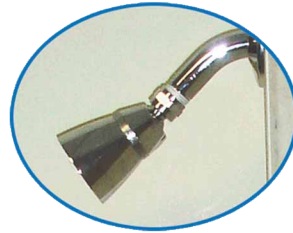


Now Available

#RP30PC Replacement Plunger Assembly for PC One Touch Drain

Introducing our new and innovative "Pre-assembled Outdoor Shower"

ITEM # ODSHW



2 1/4" Chrome Shower
Head, 2.5 GPM



Made from PVC Trim Board, our new Outdoor Shower unit comes pre-assembled with 2 - 1/2" IPS stainless connectors, allowing for easy connections to hot and cold water piping. Simple block mount bracket included!

*Ready for
installation using
Symmons Pressure
Balance Valve*

Height = 36"
Width = 9"

2" PVC or ABS Solvent Weld Shower Drain w/ Knockout

* *PATENTED*

SPECIAL FEATURES:

- For use with fiberglass and acrylic shower stalls and bases
- Knockout used for pressure testing and also prevents debris from getting into lines



ITEM #	TYPE	BOX QTY	MASTER QTY
2PVCSHDR	PVC	1	24
2ABSSHDR	ABS	1	24

Flanges

Specialty Closet

3ST2-1/2PVC	PVC 3" street flange 2-1/2" long w/ stainless ring fits into 3" hub
PVC333SS	3" x 4 1/2" PVC male long street flange with stainless steel ring; fits into 3" pipe
PVC436SS	4 x 3 x 6 PVC Flange w/Stainless Steel Ring; Fits into a 4" and over a 3" pipe; 6 " long
PVC4325SS	4 X 3 X 2 1/2 PVC Flange w/ Stainless Steel Ring; fits into a 4" and over a 3" pipe
3ST6 PVC	3" street flange 6" long with stainless ring; Fits into a 3" hub

Available in PVC & ABS



Repair

This 2 piece Repair Flange replaces a corroded or rusted metal ring on PVC/ABS closet flanges!
#BFR7900



Spanner

Stainless Steel Repair Spanner Flange featuring an elongated bolt hole for easier installation.

#SSF207



Deep Chrome



2 1/2" Chrome Deep Trap Flange for use with traps that cover PVC/ABS Pipe (over extension piece)
#DF212

Shower

Chrome Plated Brass Shower Flange w/set screw & wrench - over sized, 3 1/4" wide, heavy duty cover-all shower arm #SFCP1



NEW PVC CLOSET FLANGES

PVC 3" COMPRESSION CLOSET FLANGE
pushes easily inside
3" sch-40 PVC pipe or
3" cast iron pipe



#PVCCCF3

PVC OFFSET CLOSET FLANGE
fits over 3" or
inside 4" sch-40
PVC pipe; features
adjustable ring



#PVCOCF

PVC 4" COMPRESSION CLOSET FLANGE
pushes easily inside
4" sch-40 PVC pipe or
4" cast iron pipe



#PVCCCF4

ITEM #	DESCRIPTION	BOX QTY	MASTER QTY
PVCCCF3	PVC 3" Compression Closet Flange	ea	12
PVCCCF4	PVC 4" Compression Closet Flange	ea	12
PVCOCF	PVC Offset Closet Flange	ea	12

Installation Tools for Poly Pipe Clamps



STANDARD POLY CLAMP TOOL

This tool is designed for easy installation and removal of all standard clamps, where radial access to clamp is not restricted.
 #SCT

SIDE JAW POLY CLAMP TOOL

This dual purpose, side jaw design allows clamps to be applied or removed in confined areas. Also used like standard poly clamp tool.
 #SJCT



ITEM #	DESCRIPTION	BOX QTY	MASTER QTY
SCT	Standard Poly Clamp Tool	1	12
SJCT	Side Jaw Poly Clamp Tool	1	6
PPC34	3/4" IPS Poly Pipe Clamp	100	N/A
PPC1	1" IPS Poly Pipe Clamp	100	N/A

IPS Poly Pipe Clamps



For use with IPS Poly Pipe
 Economical and easy to install
 100 PSI rating
 Available in 3/4" and 1"
 *Sold in bag quantity only

Transition Couplings



- Size range from 1 1/2" - 4"
- Connects Cast Iron, Plastic, Steel, Copper, Drain Waste, and Vent
- Shield: AISI 301 SS
- Easy to assemble and re-use
- Neoprene rubber sleeve conforms to ASTM C 1173-06
- Torque 60 lbs.
- Mass. Approval Code P1-1207-177

ITEM #	DESCRIPTION	BOX QTY	MASTER QTY
TCCP115	1 1/2" CI, PL, ST x 1 1/2" PL, ST Coupling	25	100
TCCP2	2" CI, PL, ST x 2" PL, ST Coupling	25	100
TCCP2115	2" CI, PL, ST x 1 1/2" PL, ST Coupling	25	100
TCCP3	3" CI x 3" PL, ST, XHCI Coupling	10	100
TCCP4	4" CI x 4" PL, ST, XHCI Coupling	10	100
TCCC15	1 1/2" CI, PL, ST x 1 1/2" Copper, 1 1/4" PL Coupling	25	100
TCCC2115	2" CI, PL, ST x 1 1/2" Copper, 1 1/4" PL Coupling	25	100
TCCC2	2" CI, PL, ST x 2" Copper Coupling	25	100
TCCC3	3" CI, PL, ST x 3" Copper Coupling	10	100
TCPP3	3" PL, ST, XHCI x 3" PL, ST, XHCI Coupling	10	100
TCPP4	4" PL, ST, XHCI x 4" PL, ST, XHCI Coupling	10	100
TCKK2	2" Copper x 2" Copper Transition Coupling	24	100

PEX STYLE PRODUCTS

DROP EAR BALL VALVES - Patent Pending			
PEX38DEBV	3/8" Pex Drop Ear Ball Valve	10	100
PEX38DEBVD	3/8" Pex Drop Ear Ball Valve w/ Drain	10	100
PEX12DEBV	1/2" Pex Drop Ear Ball Valve	10	100
PEX12DEBVD	1/2" Pex Drop Ear Ball Valve w/ Drain	10	100
PEX34DEBV	3/4" Pex Drop Ear Ball Valve	10	60
PEX34DEBVD	3/4" Pex Drop Ear Ball Valve w/ Drain	10	60
PEX1DEBV	1" Pex Drop Ear Ball Valve	10	60
PEX1DEBVD	1" Pex Drop Ear Ball Valve w/ Drain	10	60
MORE PEX VALVES			
12SWWLPEXBV	1/2" Swivel x Pex Ball Valve w/ Brass Nut	10	100
12CXPEXBV	1/2" C x Pex Ball Valve	10	100
12SILLCOCKPEX	1/2" Sillcock with Pex Connection CP	5	50
34CXPEXBV	3/4" C x Pex Ball Valve	10	100
34STXPEXBV	3/4" Copper Street x Pex Ball Valve	10	100
PIMV12	Pex Drop Ear Icemaker/Humidifier Valve 1/2" Pex Ends - 1/4 OD Ball Valve	1	60
OTHER STYLE PRODUCTS			
WIR12DEBV	1/2" Wirsbo® Drop Ear Ball Valve	10	100
WIR12DEBVD	1/2" Wirsbo® Drop Ear Ball Valve w/ Drain	10	100
WIR34DEBV	3/4" Wirsbo® Drop Ear Ball Valve	10	60
WIR34DEBVD	3/4" Wirsbo® Drop Ear Ball Valve w/ Drain	10	60
WIR12FDET	1/2" Wirsbo® x 1/2" F Drop Ear Tee	25	150
WIR34FDET	3/4" Wirsbo® x 3/4" F Drop Ear Tee	25	100
12SILLCOCKWIR	1/2" Sillcock with Wirsbo® Connection	5	50
WIMV12	Wirsbo® Drop Ear Icemaker/Humidifier Valve 1/2" Ends - 1/4 OD Ball Valve	1	60
WIR12SS	1/2" Wirsbo® 1/4 Turn CP Straight Stop w/Bell Flange	1	60
MORE PEX STYLE PRODUCTS SHOWN ON FOLLOWING PAGES...			

New Pex and Wirsbo® Products

NOW AVAILABLE!

DROP EAR TEES *patent pending

PEX DROP EAR ELBOW



#PEX12FDEE

- Has 3 drop ear tabs for secure mounting
- For use on shower arms



#PEX12FDET

- Available in both Pex and Wirsbo®
- Available in 1/2" and 3/4"
- Have drop ear tabs for secure mounting
- Ideal for use on body sprays
- Also for use on sprinkler heads
- Used as a purge tee for draining lines in Pex and Wirsbo® systems



#WIR34FDET

ITEM #	DESCRIPTION	BOX QTY	MASTER QTY
PEX12FDEE	1/2" Pex x 1/2" F Drop Ear Elbow	15	150
PEX12FDET	1/2" Pex x 1/2" F Drop Ear Tee	15	150
PEX34FDET	3/4" Pex x 3/4" F Drop Ear Tee	10	100
WIR12FDET	1/2" Wirsbo® x 1/2" F Drop Ear Tee	15	150
WIR34FDET	3/4" Wirsbo® x 3/4" F Drop Ear Tee	10	100

New Ice Maker/Humidifier Valves

Drop Ear Valves for Pex and Wirsbo® Tubing

***PATENT PENDING**



#PIMV12

Used on Pex Tubing

*Drop Ears for
Secure Mounting*



#WIMV12

Used on Wirsbo® Tubing

ITEM #	DESCRIPTION	BOX QTY	MASTER QTY
PIMV12	Pex Drop Ear Icemaker/Humidifier Valve 1/2" Pex Ends - 1/4 OD Ball Valve	1	60
WIMV12	Wirsbo® Drop Ear Icemaker/Humidifier Valve 1/2" Ends - 1/4 OD Ball Valve	1	60
MORE ICEMAKER/HUMIDIFIER VALVES...			
IMV38	3/8" OD Comp/Solder to 1/4 OD Comp End 1/4 OD Ball Valve	1	1
IMV58	5/8" OD Comp/Solder to 1/2 OD Comp End 1/4 OD Ball Valve	1	1
IMV78	7/8" OD Comp/Solder to 3/4 OD Comp End 1/4 OD Ball Valve	1	1
ALSO AVAILABLE...ICE MAKER HOSE AND KIT...			
SSIH10	1/4" x 120" Stainless Ice Maker Hose	-	50
IMKIT	Ice Maker Kit 5/8" Ice Maker Valve w/ 10' Stainless Hose	1	N/A

More Pex and Wirsbo® Products

1/2" X 25" CP COVER TUBE W/ FLANGES

- Cover tube is designed to go over 1/2" Pex, Wirsbo®, and CPVC pipe when used as supply risers to sinks, lavs, and toilets
- Cover tube can be cut to cover risers up to 20" long
- Includes two styles of escutcheons to choose from (CP Brass Bell or Box)



ITEM #	DESCRIPTION	BOX QTY	MASTER QTY
CT25	1/2" X 25" CP Cover Tube w/ Flanges	1	18
BE12	1/2" CP Brass Bell Escutcheon **sold in packs of 10 only**		
PEX12SS	1/2" Pex 1/4 Turn CP Straight Stop w/Bell Flange	1	60
WIR12SS	1/2" Wirsbo® 1/4 Turn CP Straight Stop w/Bell Flange	1	60

1/2" PEX 1/4 TURN CP STRAIGHT STOP W/ BELL FLANGE

*** ALSO AVAILABLE IN WIRSBO®**

***PATENT PENDING**



- Straight supply stop for sinks, lavs, and toilets (for Pex or Wirsbo® tubing)
- Special threads on valve extension allows cast bell flange to tighten to the floor, providing a secure Pex or Wirsbo® through the floor installation

PEX & WIRSBO® CP STOPS

1/2" Pex or Wirsbo® x 3/8" OD in Straight & Angle
and NOW AVAILABLE 1/2" Pex x 1/4" OD in Angle only



#WIR1238SSCP

- 1/4 Turn On-Off
- Metal Oval Handle - Pex
- Metal Lever Handle - Wirsbo®
- Chrome Plated Brass Body
- Available in Straight and Angle
(1/2" Pex x 1/4" OD available in Angle only)
- Complies with NSF61-9
- Pex CSA Approved

Provides Quick, Positive Shut-off for Sinks, Lavs, & Toilets using Pex & Wirsbo® Tubing



#PEX1238A SCP

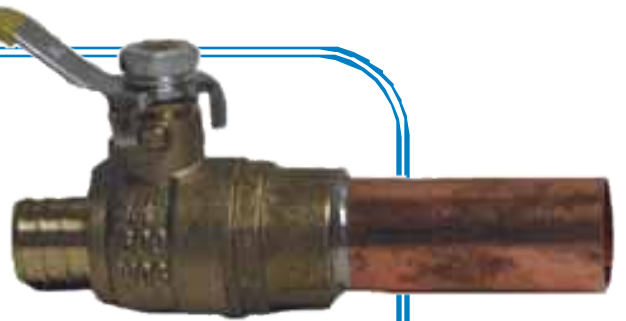
ITEM #	DESCRIPTION	BOX QTY	MASTER QTY
PEX1214A SCP	1/2" Pex x 1/4" OD CP Angle Stop (available in Pex Angle Stop only) NEW	1	24
PEX1238A SCP	1/2" Pex x 3/8" OD CP Angle Stop	5	60
PEX1238SSCP	1/2" Pex x 3/8" OD CP Straight Stop	5	60
WIR1238A SCP	1/2" Wirsbo® x 3/8" OD CP Angle Stop	10	100
WIR1238SSCP	1/2" Wirsbo® x 3/8" OD CP Straight Stop	10	100
** Must be purchased in Box Quantity **			

New Pex Ball Valves

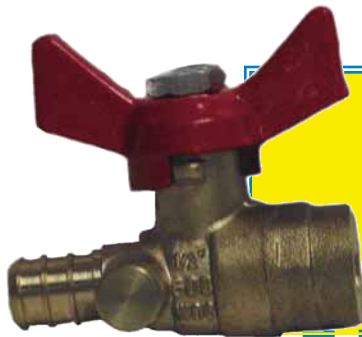
NOW AVAILABLE

3/4" COPPER STREET WITH 2" EXTENSION X PEX BALL VALVE

- 3/4" Copper Street End is 2" long for press fit installation
- One side of the valve can be installed using press fittings or direct solder



#34STXPEXBVEXT



1/2" COPPER X PEX BALL VALVE WITH WASTE

#12CXPEXBVWW

ITEM #	DESCRIPTION	BOX QTY	MASTER QTY
34STXPEXBVEXT	3/4" Copper Street w/ 2" Extension x Pex Ball Valve	10	60
12CXPEXBVWW	1/2" Copper x Pex Ball Valve w/ Waste	10	100

NEW PEX MONOFLOW TEES

* Patent Pending

Pex x Copper Monoflow



Featuring factory installed Pex ends, eliminating the need to solder copper x pex adapters in conventional monoflow tee

Used in one pipe hot water heating systems supplying radiators, convectors, baseboard and kick space heaters



Pex x Pex x Pex Monoflow

ITEM #	DESCRIPTION	BOX QTY	MASTER QTY
Pex x Copper Monoflow Tees			
PEXMF1212CT	1/2" Pex x 1/2" Pex x 1/2" Copper Monoflow Tee	25	100
PEXMF3412CT	3/4" Pex x 3/4" Pex x 1/2" Copper Monoflow Tee	10	100
Pex x Pex x Pex Monoflow Tees			
PEXMF5858T	5/8" Pex x 5/8" Pex x 5/8" Pex Monoflow Tee	10	100
PEXMF3412T	3/4" Pex x 3/4" Pex x 1/2" Pex Monoflow Tee	10	100
PEXMF3434T	3/4" Pex x 3/4" Pex x 3/4" Pex Monoflow Tee	10	100

PRO-GRIT™ PRODUCTS



You Can See the Difference!

- **HIGHLY VISIBLE FLUORESCENT COLOR**
Ideal for use in low-light conditions
- **DURABLE HEAVY DUTY ABRASIVE MESH**
Lasts longer than other abrasive products
- **CONVENIENT EASY-TEAR STRIPS**
180 grit abrasive mesh is rugged, yet can be easily torn to desired length without scissors or blades
- **IDEAL FOR MANY APPLICATIONS**
Use for cleaning copper prior to soldering or brazing, drywall installations, wood-working and other do-it-yourself projects
- **WATERPROOF**

now available in 3 sizes!

ITEM #	DESCRIPTION	CS QTY
OMSC5	Open Mesh Waterproof Grit Cloth 5 yd	24
OMSC10	Open Mesh Waterproof Grit Cloth 10 yd	24
OMSC25	Open Mesh Waterproof Grit Cloth 25 yd	24
5 and 10 yd must be purchased in case quantity		

Tools & Accessories

Logan's Tool



Logan's tool cuts PVC and ABS pipe, (*works best on foam core*) without any burrs on edge being cut. Place over pipe, pull down and blade will puncture pipe. Rotate tool around pipe to make an easy, clean cut. Logan's tool comes with 12 extra blades.

Available in 1 1/2 & 2 inch
#LPC112 or LPC2

Ice Maker Kit



#IMKIT

Connect your ice maker to your 1/2" copper pipe with our quality Ice Maker Kit. It features our unique combination tee with ball valve shutoff. The tee can be connected with our combination fitting by sweat or compression fit. Kit contains 5/8" valve and 10' stainless hose

E-Z Symmons 4-in-1 Wrench / 4 in 1 EZ Out Extractor Tool



#SYMM/TOOL

This is the only tool you'll need to replace the hot & cold seats for the pressure balance valve.

- Removes diverter cap
- Easy out for diverter removal
- Cold seat wrench
- Hot seat wrench

Featuring 4 Pipe Extractors in 1!



#EZOUT

For removing broken pipe, nipples, and more

Size range: 1/4",
3/8", 1/2", 3/4"

[EZ Out can be used in conjunction with our EZ Symmons 4 in 1 Wrench #symm/tool](#)

Inside Pipe Cutter

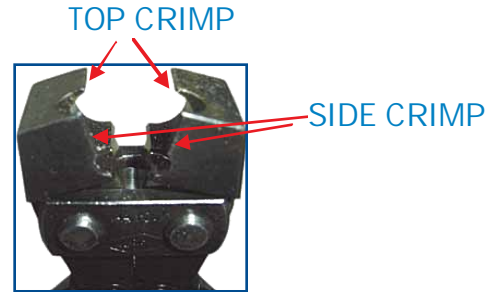


#INPC

Secures Tightly into Drill
Heavy duty with hex drill fitting
Cuts from the inside
Easily cuts these products and many more:
PVC * ABS * closet flanges

Pex Crimp Tools

**DUAL JAW HEAVY DUTY
PEX CRIMP TOOL 3/8" - 1"**
Has Straight & Side Jaws
Side Jaw for use in tight space
Item # PCTDJ



ITEM #	DESCRIPTION	BOX QTY
PCTDJ	DUAL JAW HEAVY DUTY PEX CRIMP TOOL	1
PCTHD	HEAVY DUTY PEX CRIMP TOOL	1
PCT	PEX CRIMP TOOL	1

HEAVY DUTY PEX CRIMP TOOL 3/8" - 1"

Heavier Version of our Pex Crimp Tool
Made of High Grade Steel



#PCTHD

#PCT



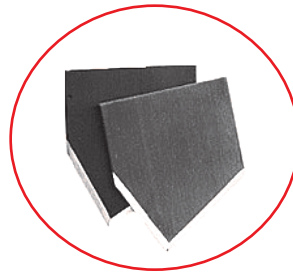
PEX CRIMP TOOL

Works with Nibco, Watts, Zurn,
and all Oetiker style clamps

Multi-Purpose Pipe Cutter

Cuts up to 1" CPVC

Features Tempered Steel Blade, Metal Housing, PVC Coated Handles with Handle Lock, Spring Operated



*Tempered Steel Blades
(sold separately)
2 per package
#MPPCB

Provides a straight, even cut on any plastic or rubber hose up to 1 1/8". Also cuts PVC pipe, irrigation pipe, fuel line, and heater hoses.

<u>ITEM #</u>	<u>BOX QTY</u>	<u>MASTER QTY</u>
MPPC	1	20

CRIMP RING TOOL KITS

* PATENT PENDING

This New Tool Kit Crimps up to 1"

NEW



#CRTK 19

New Crimp Ring Tool Kit (CRTK19) includes the following:

- Crimp Tool
- 3/8– 1" Crimping Jaws
- Go-No-Go Gauge
- Adjustment Tools
- Xtra Jaw Screws
- Carrying Case

Crimp Ring Adjustment Tools, Crimping Jaws, and Go-No-Go Gauge (below) also available separately



ITEM #	DESCRIPTION	BOX QTY	MASTER QTY
CRTK19 (above)	Crimp Ring Tool Kit (3/8" - 1")	1	5
CRTK (below)	Crimp Ring Tool Kit (3/8" - 3/4")	1	5

CRIMP RING TOOL KIT INCLUDES:

- Crimp Tool
- 3/8–3/4 Crimping Jaws
- Crimp Gauge
- Adjustment Tools
- Xtra Jaw Screws
- Carrying Case



#CRTK

Multi-Jaw Crimp/Press Tool Kit

One Tool with Interchangeable Jaws for Copper Crimp Rings or Viega Sleeves - sizes 3/8" thru 1"

#MJCPT




- **HEAVY DUTY TOOL**
- **ONE FOR ALL** - standard kit supplied with 3/8" - 1" jaws for use on Viega style stainless steel sleeves
- **OPTIONAL** - tool can also be used with optional copper crimp jaws (sold separately)
- **INSTANT JAW INSTALLATION & RELEASING** - no special tools needed! Jaw changes by merely pressing the two side buttons.
- **EASY CALIBRATION** - simply adjust the hex pin to the next level and the tool calibration is done
- **STURDY ALUMINUM CASE**

ITEM #	DESCRIPTION	BOX QTY
MJCPT	Multi-Jaw Crimp/Press Tool Kit 3/8" - 1"	1
CCRJ12	1/2" Quick Change Copper Crimp Ring Jaw	1
CCRJ34	3/4" Quick Change Copper Crimp Ring Jaw	1
CCRJ1	1" Quick Change Copper Crimp Ring Jaw	1

Test Kits

PRESSURE TEST KIT



#PTK

*Includes: tee, snifter valve, 0-160 lb gauge, swivel hose Connector
(Pressure Test Tees also sold separately)*

GAS/PRESSURE TEST KIT



#GPTK

3 - 1818 M x F ball valve shut off
Ball & Barbed Adapter
Bulb & Hose assembly
5 or 7 lb pressure gauge
(please specify)
0-160 lb gauge
Snifter Valve
Swivel Hose Connector
Protective black case
3/4m x 12f x 18f x 14f x14f
double test tee


GAS TEST KIT



#GTK

Includes:
1818 M x F ball valve shut off
Ball & Barbed Adapter
Bulb & Hose assembly
3/4m x 12f x 18f x 14f long
body tee
5 or 7 lb pressure gauge
(please specify)
Protective black case


APPLIANCE PRESSURE TEST KIT



#APTK

Used to set appliance pressure
Includes: 35" water column gauge, hose, adapter & case


RADIANT TEST KITS 1 & 2



#RTK1
Device used to test Radiant System with Air

Features a quick open valve with gauge and snifter valve

#RTK2
Dual Device used to test Radiant System with Air/Water



AIR TEST KIT 1 1/2" or 2"



#ATK112 or #ATK2

Includes: rubber cap w/ brass ball valve, 15 PSI gauge, protective black case

Gauges

Gas Tester and Pressure



GTG-7lb



PG30

ITEM #	DESCRIPTION
GAS TESTER GAUGES	
GTG-7lb	7 lb PSI Gas Tester Gauge
GTG-5lb	5 lb PSI Gas Tester Gauge (for NY requirements)
PRESSURE GAUGES	
PG30	¼" Pressure Gauge 30 PSI 2 1/2" Face
PG100	¼" Pressure Gauge 100 PSI 2 1/2" Face
PG160	¼" Pressure Gauge 160 PSI 2 1/2" Face
PG200	¼" Pressure Gauge 200 PSI 2 1/2" Face

Water Test Cap & Valve

INCLUDES:
Rubber Cap with 1/4 Turn Hose Fitting

ITEM #	DESCRIPTION	BOX QTY
WTC112	1 ½" Water Cap & Valve	1
WTC2	2" Water Cap & Valve	1
WTC3	3" Water Cap & Valve	1
WTC4	4" Water Cap & Valve	1



Flange Test Kit



Secures to the floor for closet flange testing of pipe

ITEM #	DESCRIPTION	BOX QTY	CS QTY
FTK	Flange Test Kit	1	12

Pex Scissor Shear Cutter

For use in cutting pex tubing 3/8" - 1"



#PSSC

- * Light weight, inexpensive, fast cutting, grip design for secure hold
- * Stainless steel blades for cutting Pex tubing
- * Spring loaded for quick opening and fast cutting
- * Replacement blades available

ITEM #	DESCRIPTION	BOX QTY	MASTER QTY
PSSC	Pex Scissor Shear Cutter 3/8" - 1"	1	72
PSCB	Pex Scissor Cutter Blade - replacement blade	1	N/A

Specialty Ball Valves

Sillcock Stainless Handle, oversized flange, chrome finish, 1/2", 3/4" Avail in Copper or IPS



**patented*

1165 IPS or C - 1/2"
1166 IPS or C - 3/4"

Multi Function Circulator Flange less purge. Isolates - avail in sweat or IPS 3/4", 1", 1 1/4", 1 1/2"



**patented*

MFCF

Compression Ball Valves with waste 1/2", 3/4", 1"



12COMPWW - 1/2"
34COMPWW - 3/4"
1COMPWW - 1"

Humidifier & Ice Machine valves, combo 5/8" OD tee sweat or comp. fit. Avail in 1/4", 3/8", or 1/2" comp. fitting branch.



IMV 38
IMV 58
IMV 78
DWV 38
DWV 12

TPG Sweat Connection Ball Valve with waste 1/2", 3/4", 1"



TPG_CCWW

Isolation Ball Valves 1/8" for air vent, 1/4" for gauges



1818MF
1414MF
1212MF

TPG Sweat or IPS Connection Ball Valves less waste available in: 1/2", 3/4", 1", 1 1/4", 1 1/2", 2", 2 1/2", 3", 4"



TPG_CC
TPG_IPS

TPG38



3/8" Female Mini Ball Valve
*Fits our famous oil tank elbow (OTL1238)



1127 - 1/2"
1128 - 3/4"

12IPSGASBV
34IPSGASBV
1IPSGASBV



Gas Ball Valves 1/2", 3/4", 1" CSA approved

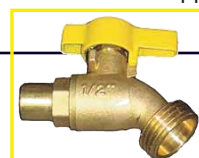
Isolate Expansion Tanks with this male female valve with waste. 1/2", 3/4"



**patented*

Boiler Drains Full Port, packing nut, angled spout. Available with brass or chrome finish. 1/2", 3/4"

*12BDBT - 1/2" brass, t-handle
*12DBL - 1/2" brass, lever handle
*12BDCT - 1/2" chrome, t-handle
*12BDCL - 1/2" chrome, lever handle
(*to order 3/4" please change 12 to 34)
STREET BOILER DRAIN (below)
*12BDBT#2 - 1/2" brass, copper street end



Fill / Expansion Tank Valves

* patent pending



Long Body Fitting

1/2 male x female w/waste and branch

1/2 male tee for filling boiler and single shut off

Fill/Expansion Tank Valve II

Item #1130

Box Qty: 5

Master Qty: 25

Features:

Isolates and has waste to bleed off pressure

Applications:

#1129

Isolates expansion tank and allows to fill the boiler at "0" pressure location, between expansion tank and air scoop

#1130

Isolates **both** expansion tank and fill valve



Fill/Expansion Tank Valve

Item #1129

Box Qty: 5

Master Qty: 25

Raven Anti Sweat Valves

Raven 1 Anti Sweat Valve features:

- *Guaranteed for 10 years
- *Easy to install
- *Parts can be replaced while valve is in the line
- *Genuine spring loaded check valves to prevent cross connection
- *Hot water knob adjustment
- *Easy drain adjustment to prevent freeze up

Also available:
 Raven 1 anti-sweat valve
 repair kit
#Raven 1 RK



Raven 2 Anti Sweat Valve features:

- * Hot and cold controls adjustable to allow on site adjustment of water temp
- * Parts can be replaced while installed

ITEM #	DESCRIPTION	BOX QTY	MASTER QTY
Raven 1 ASV Brass	½" single adjustable anti-sweat valve- brass	1	36
Raven 1 ASV Brass w/ nuts	½" single adjustable anti-sweat valve- brass w/ nuts	1	36
Raven 1 ASV Skin Pak w/ nuts	½" single adjustable anti-sweat valve- brass w/ nuts – skin pak	1	24
Raven 1 ASV Chrome	½" single adjustable anti-sweat valve- chrome finish	10	50
Raven 1 ASV Chrome w/ nuts	½" single adjustable anti-sweat valve- chrome w/ nuts	10	50
Raven 2 ASV	½" adjustable hot and cold anti-sweat valve - boxed	10	50
Raven 3 ASV	½" anti-sweat valve no adjustments less nuts	10	50
Raven 1 RK	#1 anti-sweat valve repair kit	N/A	N/A

INTRODUCING THE NEWEST MEMBER OF OUR 1/4 TURN FAMILY. . .

1/2" IPS Polished Chrome Loose Key Hose Bibb w/ vacuum breaker



For use in restaurants, service stations, and other light commercial areas

ITEM #	BOX QTY	MASTER QTY
12LKHB	1	5

Don't forget our many other 1/4 turn valves including these patented items and much more!

BOILER DRAINS
Available in 1/2" & 3/4" Brass or Chrome w/ Lever or Tee Handles

**patented*



SILLCOCKS
Available in 1/2" & 3/4" IPS or Sweat and 1/2" with Pex or Wirsbo® ends

**patented*



E-Z FIX-A-VALVE

3/8 compression x 3/8 Female OD
1/4 Turn Valve

FEATURES:

3/8 female compression threads for threading onto male compression end of valve

APPLICATIONS:

quick and easy way to replace an existing valve that has failed without shutting off main water supply



ITEM #	BOX QTY	MASTER QTY
38FAV	10	200

Universal Hose End Replacement Valve

* patent pending



Replaces 3/4 hose end valve that has failed		
ITEM #	BOX QTY	MASTER QTY
UHEV34FH34H	10	100

New Products Now Available !

ITEM #	DESCRIPTION	BOX QTY	MASTER QTY
<i>Stainless Connectors</i> <i>**SS Flexible Lav, Tank, and Compression Lav sold in box quantity only**</i>			
SSLS12	3/8" x 12" SS Flexible Lav Supply	25	100
SSLS16	3/8" x 16" SS Flexible Lav Supply	25	100
SSLS20	3/8" x 20" SS Flexible Lav Supply	25	100
SSTS12	3/8" x 12" SS Flexible Tank Supply	25	100
SSTS16	3/8" x 16" SS Flexible Tank Supply	25	100
SSTS20	3/8" x 20" SS Flexible Tank Supply	25	100
SSCLS12	3/8" x 12" SS Flexible Compression Lav Supply	25	100
SSCLS16	3/8" x 16" SS Flexible Compression Lav Supply	25	100
SSCLS20	3/8" x 20" SS Flexible Compression Lav Supply	25	100
SSDWH5	3/8" x 60" SS Dishwasher Hose with 3/8" Elbow	25	50
<div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;">  DO 12 </div> <div style="text-align: center;"> <i>Low Pressure Valves</i> </div> <div style="text-align: center;"> SWC12  </div> </div>			
DO 12	1/2" Draw Off	10	100
DO 34	3/4" Draw Off	10	100
SWC12	1/2" Copper Stop and Waste	12	72
SWC34	3/4" Copper Stop and Waste	12	72