

PRODUCT CATEGORY

	PIPES
TUBE-RAY[®] SUN-RAY / SUN-RAD[®] LOW-RAY[®]	HEATING
	PEX-RAY
PRIME FLOW[™]	VALVES
FIRE PROTECTION PRODUCTS FITLOK[®]	FITLOK
	HANGERS
AMSAM[™]	FITTINGS
<i>Classic Brass[®]</i> <i>TUBULAR[™]</i> <i>SPECIALTIES</i>	FAUCETS
<i>Classic Cabinets[™]</i> METRO LINE[™] DIAMOND SINKS [™]	FIXTURES
	ROTO TOOL[™] & ACCESSORIES

LEO INTERNATIONAL, INC.

471 Sutter Avenue, Brooklyn, New York 11207 • Tel:718-290-8005 • Fax:718-290-8046

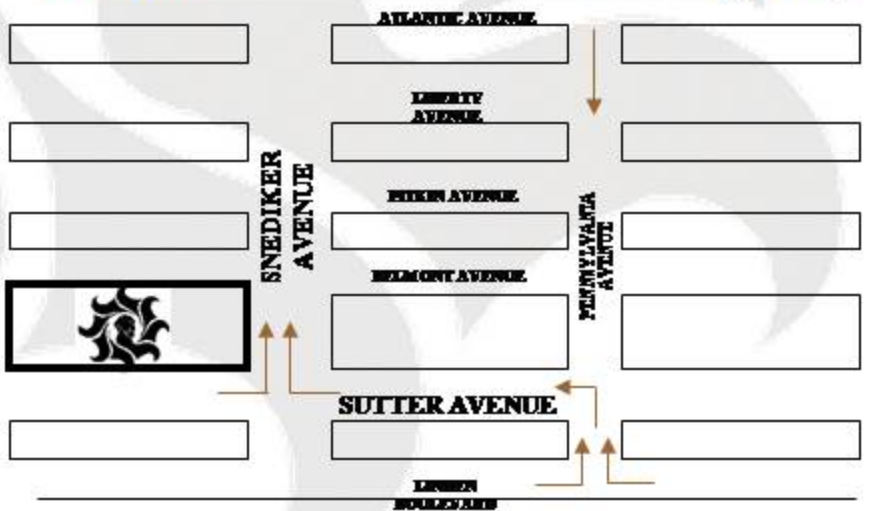
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*Trucks enter on Suediker Ave.,
between Sutter Ave. and Belmont Ave.*

BROOKLYN

QUEENS



LEO INTERNATIONAL, INC.

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YOUR PIPELINE CONNECTION[®]



LEO International was established in 1986 to be the complete source for the PVF, HVAC, and Plumbing Industry. LEO is an import manufacturer specializing in Forging, Casting, and Injection Moulding Processes.



Our Piping Products are manufactured from: Alloy-Carbon-Stainless Steel, Ductile-Gray-Malleable Iron, Bronze-Brass, Ceramics and Rubber Polymers.

LEO products are manufactured to the standards set by: ASTM, ASME, AWWA, ANSI, MSS, and LLOYDS REGISTER. Chemical and physical mill test reports are supplied with each shipment. We guarantee our products and cover you with Product Liability Insurance.

LEO is continually sourcing world wide for reputable mills to produce consistent-reliable-cost effective components to perfectly fit the application.

Water, Oil, Gas, Chemicals must be regulated, transported and stored. LEO can advise and supply the components to perfectly fit the application.



OEM/Blue Print/Custom Design requirements are a specialty of LEO International. We utilize 100% of our potential for research and development. Our staff and associates monitor your order from placement with a chosen mill continuing down thru the pipeline - expediting customs documentation to insure a secure, timely doorstep delivery.

Scheduling, Quality Control, Packing and Shipping are individually managed to assure Customer Satisfaction.



SERVICE...SERVICE...SERVICE is what you receive from Leo. We concentrate on your needs, advising you of current market trends and product development.



LEO INTERNATIONAL IS "YOUR PIPELINE TO SUCCESS"[®]!!!!

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PRODUCT LIST

FITTINGS

- | | |
|--|--|
| 1. CARBON SEAMLESS STEEL BUTT WELD FITTINGS
ASTMA234 WPB, ANSIB16.9, B16.28 | 1/2" to 42"
STD, XH, SCH80, XXH, SCH160 |
| 2. CARBON FORGED STEEL SOCKET WELD & THREADED FITTINGS
ASTMA105, ANSI, B16.5, B2.1 | 1/8" to 4"
2000, 3000, 4000Lb. |
| 3. CARBON FORGED STEEL OUTLET FITTINGS
ASTMA105, ANSIB16.5, B2.1 | 1/8" to 24" |
| 4. STAINLESS STEEL BUTT WELD FITTINGS
ASTMA403, ANSIB16.9 | 1/2" to 8"
304, 304L, 310, 316, 316L |
| 5. STAINLESS FORGED STEEL SOCKET WELD & THREAD FITTINGS
ASTM 182, ANSIB16.11, B2.1 | 1/8" to 4"
304, 304L, 310, 316, 316L |
| 6. STAINLESS CAST 150LB SOCKET WELD & THREADED FITTINGS
ASTMA 351, ANSIB16.3, B2.1 | 1/8" to 4"
304, 316L |
| 7. MALLEABLE IRON THREADED FITTINGS
ASTMA197 & A153, ANSIB2.1, B16.14, B16.3, B16.39 | 1/4" to 6"
150, 300Lb. |
| 8. CAST IRON THREADED FITTINGS
ASTMA126, ANSIB16.14, B16.4 | 1/4" to 8"
125, 250Lb. |
| 9. NO-HUB FITTINGS
ASTMA888 | 2" to 18" |
| 10. EXTRA HEAVY FITTINGS
ASTMA74 | 2" to 18" |
| 11. BRASS & BRONZE CAST THREADED & SOLDER FITTINGS | 1/8" to 8" |
| 12. FLANGED FITTINGS- CAST STEEL, CAST IRON & DUCTILE IRON
ASTMA216WCB, ASTM A125, ANSIB16.1, B16.5 | 2" to 24"
125, 250Lb. |

STRAINERS & VALVES

- | | |
|---|----------------------------------|
| 1. CARBON FORGED STEEL GATE, GLOBE, & CHECK VALVES
ASTMA105, A193, API602, ANSIB2.1 | 1/4" to 2"
800, 1500, 2500Lb. |
| 2. CAST IRON STRAINERS- GATE, GLOBE, & CHECK VALVES
ASTMA126, ANSI 12.1, 16.1, 16.10, MSS SP 45 | 2" to 24"
125, 150, 250Lb. |
| 3. CAST STEEL STRAINERS- GATE, GLOBE, & CHECK VALVES
ASTMA216WCB, ANSI 16.1, 16.25, 16.34, B16.5, API600 | 2" to 24"
150 to 2500 Lb. |
| 4. STAINLESS FORGED & CAST STEEL VALVES
ASTMA351, API 600 & 608, ANSIB2.1, 16.11, 16.34, 16.5 | 1/4" to 4"
150 to 1500 Lb. |
| 5. BRASS & BRONZE STRAINERS- BALL, GATE, GLOBE, & CHECK VALVES
THREADED, SOLDERED, & FLANGED, ASTM B62, ANSIB2.1, B16.24 | 1/4" to 4" |

FLANGES

- | | |
|--|---|
| 1. CARBON FORGED STEEL FLANGES
ASTMA105, ANSIB16.5, B2.1 | 1/2" to 96"
150, 300, 600, 1500, 2500Lb. |
| 2. CARBON STEEL PLATE FLANGES
ASTMA36, AWWA C207, ANSIB16.5 | 4" to 96" |
| 3. CARBON STEEL 125Lb. LIGHT WEIGHT FLANGES
ASTMA105, ANSIB16.5, B2.1 | 4" to 96" |

PLUMBING & HEATING

1. CAST IRON RADIATORS- BASEBOARD, CONNECTORS, RECESSED, & TUBE STYLES
2. PLUMBING POTTERY, CAST IRON, BRASS SANITARY FIXTURES
ASTMA112.19.2 & ASME 1002

OTHER PRODUCTS AVAILABLE UPON REQUEST

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®

PIPES

CAST IRON
STEEL

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STEEL PIPES



- TBE (Threaded Both Ends)
- PEB (Plain Ends SCH40)
- T&C (Threaded Both Ends)
- LW (Groove x Groove SCH10)

SCH10 Grooved End

Size	Lengths per Bundle
2"x10	26
2 1/2"x10	18
3"x10	14
4"x10	10
5"x10	10
6"x10	7
2"x21	26
2 1/2"x21	18
3"x21	14
4"x21	10
5"x21	10
6"x21	7
8"x21	7

PEBS10

SCH40 TBE

Size	Lengths per Bundle
1/2"x10	120
3/4"x10	84
1"x10	60
1 1/4"x10	42
1 1/2"x10	36
2"x10	26
2 1/2"x10	18
3"x10	14
4"x10	10

PIB

SCH40 PEB

Size	Lengths per Bundle
2 1/2"x10	18
3"x10	14
4"x10	10
5"x10	10
6"x10	7
8"x10	7
1/2"x21	120
3/4"x21	84
1"x21	60
1 1/4"x21	42
1 1/2"x21	36
2"x21	26
3"x21	14
4"x21	10
5"x21	10
6"x21	7
8"x21	7

SCH40 T&C

Size	Lengths per Bundle
1/2"x21	120
3/4"x21	84
1"x21	60
1 1/4"x21	42
1 1/2"x21	36
2"x21	26
3"x21	14
4"x21	10
5"x21	10
6"x21	7
8"x21	7

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CAST IRON PIPES



ASTM A888 A74
No-Hub & Extra Heavy
& Service Weight Pipes

*** UPC® Approved**



SIZE	NO-HUB	XH SINGLE HUB	SERVICE WEIGHT	
			SINGLE HUB	DOUBLE HUB
1-1/2 x 10	60*	*	*	*
2 x 10	68*	48	54	*
3 x 10	44*	30	36	*
4 x 10	30*	24*	27	*
5 x 10	21*	21	24	*
6 x 10	18*	15*	18	*
8 x 10	10*	10*	8	*
10 x 10	8*	*	*	*
2 x 3	*	*	*	120
3 x 3	*	*	*	100
4 x 3	*	27	*	80
6 x 3	*	18	*	*
2 x 5	*	84	100	*
3 x 5	*	45	60	*
4 x 5	*	27	46	*
5 x 5	*	23	33	*
6 x 5	*	18	18	*
8 x 5	*	10	11	*

NO-HUB



SINGLE HUB



DOUBLE HUB



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BRASS PIPE NIPPLE



Sizes:
1/8" - 4"

25 pieces in a box

Part #NPBsize

CHROME PIPE NIPPLE



Sizes:
1/8" - 4"

10 pieces in a box

Part #NPCsize

BLACK STEEL NIPPLE

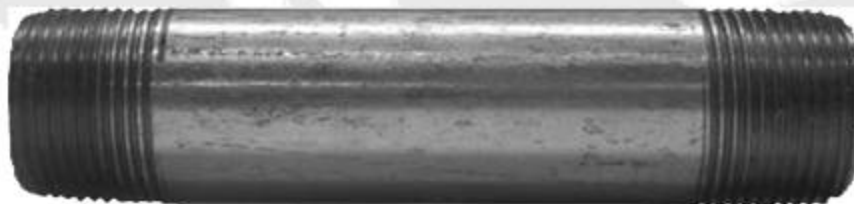


Sizes:
1/8" - 4"

25 pieces in a box

Part #NBLsize

GALVANIZED STEEL NIPPLE



Sizes:
1/8" - 4"

25 pieces in a box

Part #NGLsize

Also available:

Left & Right Black
Nipples & Couplings



Part#NBL__RL
#MO14BC__RL
Sizes: **1/2" - 2"**

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NOTES

DATE	DESCRIPTION

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HEATING

TUBE-RAY®
LOW-RAY®
SUN-RAY®/SUN-RAD®
CONVECTORS™

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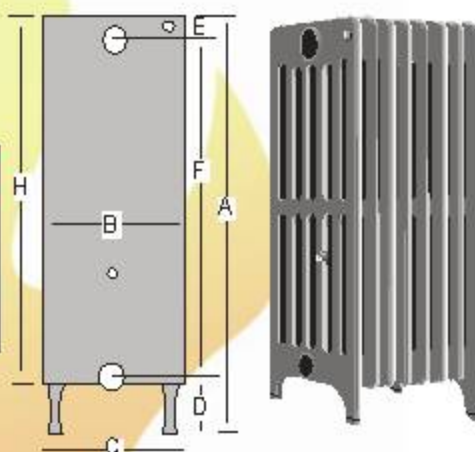
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TUBE-RAY®

Manufactured of Cast Iron



Size	A	B&C	D	E	F	H
4X19	19"	4-15/16"	2-1/2"	1-1/16"	15-7/16"	17-13/16"
4X25	25"	4-1/16"	2-1/2"	1-1/16"	21-7/16"	23-13/16"
6X25	25"	6-7/16"	2-1/2"	1-1/16"	2-7/16"	23-13/16"



Center leg section furnished on 30 section and larger.

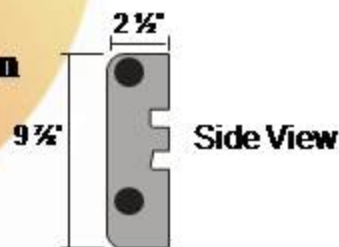
Tappings- Top 1" Bottom 1 1/2". All Air Vents Tappings 1/2".

Heating surface based upon the standard heat emission of 240 BTU per square foot per hour. Maximum working pressure; 15lb steam, 30lb water.

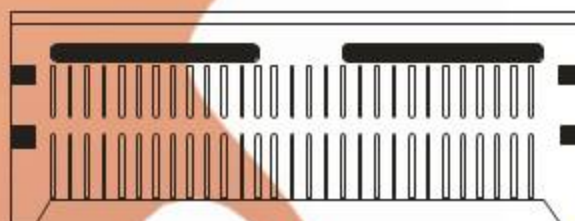
Size in Sections	4	6	8	10	12	14	16	18	20	22	24	26	28	30
Length in 1 3/4" Section	7"	10 1/2"	14"	17 1/2"	21"	24 1/2"	28"	31 1/2"	35"	38 1/2"	42"	45 1/2"	49"	52 1/2"
Sq. Ft. EDR- Estimated 4 Tube - 19" High	6.4	9.6	12.8	16.0	19.2	22.4	25.6	28.8	32.0	35.2	38.4	41.6	44.8	48.0
4 Tube - 25" High	8	12	16	20	24	28	32	36	40	44	48	52	56	60
6 Tube - 25" High	12	18	24	30	36	42	48	54	60	66	72	78	84	90

LOW-RAY®

Manufactured of Cast Iron



Front View



Rear View

Left End Sections 18" or 24"

Intermediate Sections 24"

Right End Sections 12" or 24"

Panel 18" or 24"



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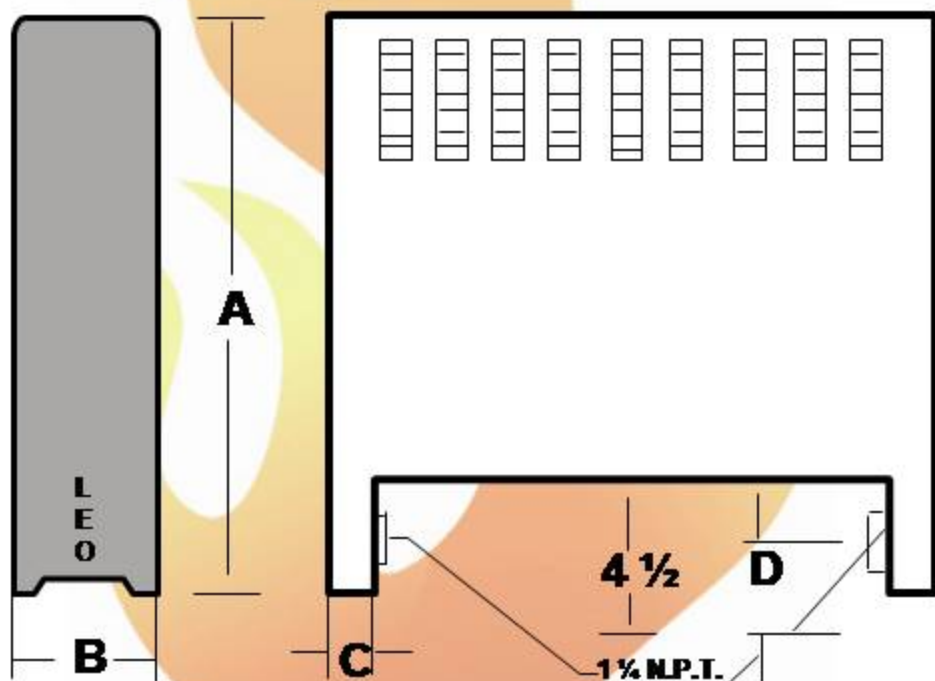
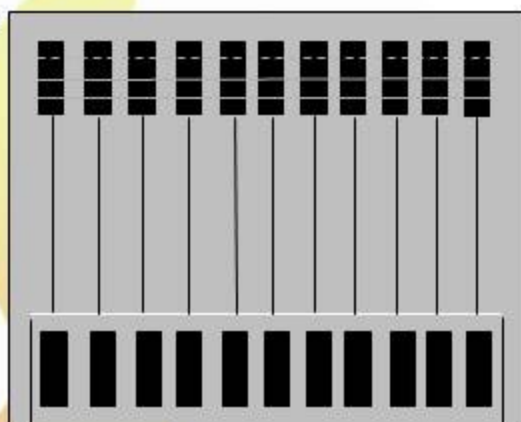
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SUN-RAY/SUN-RAD[®]

Manufactured of Cast Iron

• Increase radiator size 10%
when recessed.



Size	A	B	C	D
20" x 5"	20"	5"	1-7/8"	2-3/4"

All Air Vent Tappings 1/8" All Bottom Tappings 1 1/4" Recess should be 1/2" longer and 1/4" higher

Size in sections	4	6	8	10	12	14	16	18	20	22	24	26	28	30
Length 2 1/4" section	9	13 1/2"	18"	22 1/2"	27"	31 1/2"	36"	40 1/2"	45"	49 1/2"	54"	58 1/2"	63"	67 1/2"
Sq Ft. per section 2.25 Estimate	9.0	13.5	18.0	22.5	27.0	31.5	36.0	40.5	45.0	49.5	54.0	58.5	63.0	67.5

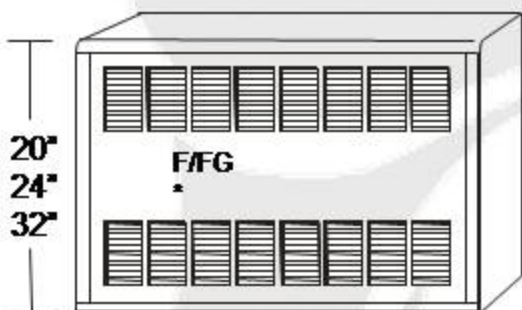
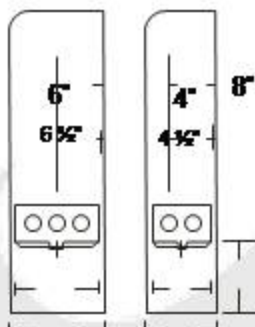
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CONVECTORS™



* Available without bottom vent.

PIPING CONNECTIONS



ONE PIPE STEAM
Bottom Supply

HOT WATER
Bottom Supply and
Bottom Return



VAPOR SYSTEM
Bottom Supply and
Bottom Return

VAPOR SYSTEM
Bottom Supply and
Bottom Return



The type FG is similar to the type F except that a lower air intake grille has been added. The lower flange permits one to mount this convector on the rough flooring if desired without interfering with the front panel.

Hot Water Capacities

Average Water Temp. 180°F

Height	Width	LENGTH									
		1.6	2.0	2.3	2.6	3.0	3.3	3.7	4.0	4.8	5.5
20"	4"	1.6	2.0	2.3	2.6	3.0	3.3	3.7	4.0	4.8	5.5
	6"	2.3	2.8	3.4	3.9	4.5	5.1	5.6	6.1	7.2	8.3
	8"	3.0	3.6	4.3	5.1	5.8	6.5	7.2	7.9	9.3	10.7
	10"	3.2	4.3	4.8	5.6	6.3	7.1	7.9	8.7	10.3	11.9
24"	4"	1.7	2.1	2.5	2.9	3.3	3.7	4.1	4.5	5.3	6.1
	6"	2.5	3.2	3.8	4.3	4.9	5.6	6.1	6.7	7.9	9.2
	8"	3.2	3.9	4.7	5.4	6.2	6.9	7.7	8.4	10.0	11.5
	10"	3.5	4.3	5.1	6.0	6.8	7.7	8.5	9.4	11.1	12.8
32"	4"	1.8	2.2	2.7	3.1	3.5	3.9	4.3	4.7	5.6	6.4
	6"	2.7	3.4	4.0	4.7	5.3	6.0	6.6	7.2	8.6	9.9
	8"	3.3	4.1	4.9	5.7	6.5	7.3	8.1	8.9	10.5	12.1
	10"	3.6	4.5	5.3	6.2	7.1	8.0	8.9	9.7	11.5	13.3

Steam Capacities

Sq. Ft. EDR-215° Steam-65° Inlet Air

Height	Width	LENGTH									
		11.0	13.5	16.0	18.0	20.5	23.0	25.5	28.0	33.0	38.0
20"	4"	11.0	13.5	16.0	18.0	20.5	23.0	25.5	28.0	33.0	38.0
	6"	16.0	19.5	23.5	27.0	31.0	35.0	38.5	42.5	50.0	57.5
	8"	20.5	25.0	30.0	35.0	40.0	45.0	50.0	54.5	64.5	74.5
	10"	22.0	27.5	33.0	38.5	44.0	49.5	55.0	60.5	71.5	82.5
24"	4"	12.0	14.5	17.5	20.0	23.0	25.5	28.5	31.0	36.5	42.0
	6"	18.0	22.0	26.0	30.0	35.0	38.5	42.5	46.5	55.0	63.5
	8"	22.5	27.0	32.5	37.5	44.0	48.0	53.5	58.5	69.5	80.0
	10"	24.5	30.0	35.5	41.5	48.0	53.5	59.0	65.0	77.0	89.0
32"	4"	12.5	15.5	18.5	21.5	24.0	27.0	30.0	32.5	38.5	44.5
	6"	19.0	23.5	28.0	32.5	37.0	41.5	46.0	50.0	59.5	69.0
	8"	23.0	28.5	34.0	39.5	45.0	50.5	56.0	62.0	73.0	84.0
	10"	25.0	31.0	37.0	43.0	49.0	55.5	61.5	67.5	80.0	92.0

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NOTES	
DATE	DESCRIPTION

PEX-RAY[®]

TM

PEX-RAY



PEX-RAY



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PEX-RAY®

TM

PEX-RAY

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Crimp Ring

Part #PEXCRsize
 Sizes: 1/2", 3/4"

Sizes	Part #
1/2" x 300ft.	PEXO12300
3/4" x 300ft.	PEXO58300
1/2" x 500ft.	PEXO12500
3/4" x 500ft.	PEXO58500
1/2" x 1000ft.	PEXO121000
3/4" x 1000ft.	PEXO341000

Oxy Pex Tubing



Part #PEXOsize



Pex Tee

Part #PEXTsize
 Sizes: 1/2" - 3/4"



**Pex X Male
 Copper Adapter**

Part #PEXMAsize
 Sizes: 1/2", 3/4"



**Pex X Female
 Copper Adapter**

Part #PEXFAsize
 Sizes: 1/2", 3/4"



**Pex X Male
 Copper Elbow**

Part #PEXMSEsize
 Sizes: 1/2" - 3/4"



**Pex X Female
 Copper Elbow**

Part #PEXFSEsize
 Sizes: 1/2" - 3/4"



Pex Elbow

Part #PEXESize
 Sizes: 1/2" - 3/4"



**Pex X Pex
 Ball Valve**

Part #BVPEXsize
 Sizes: 1/2", 3/4"



**Pex X Female
 IPS Drop Ear Elbow**

Part #PEXFDE12



**Copper Sweat X Pex
 Ball Valve**

Part #BVPEXCsize
 Sizes: 1/2", 3/4"

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**Pex x Female
IPS Adapter**

Part #PEXFA12



**Pex x Male
IPS Adapter**

Part #PEXMA12



Pex Coupling

Part #PEXCsize
Sizes: 1/2" - 3/4"



Pex Plug

Part #PEXPsize
Sizes: 1/2", 3/4"



Pex Cinch Clamp Tool



Part #PEXCC

Pex Tubing Cutter



Part #PEXTC

Pex Manifold

Description/Size	Part #
2 HEADS CLOSE x 1/2" COPPER x 1/2" PEX	PEXMCLC34122
3 HEADS CLOSE x 1/2" COPPER x 1/2" PEX	PEXMCLC34123
2 HEADS 1/2" PEX x 1/2" PEX x 1/2" PEX	PEXMP34122
3 HEADS 1/2" PEX x 1/2" PEX x 1/2" PEX	PEXMP34123
2 HEADS CLOSE x 1/2" PEX x 1/2" PEX	PEXMCL34122
3 HEADS CLOSE x 1/2" PEX x 1/2" PEX	PEXMCL34123
2 HEADS 1/2" COPPER x 1/2" COPPER x 1/2" PEX	PEXMC34122
3 HEADS 1/2" COPPER x 1/2" COPPER x 1/2" PEX	PEXMC34123

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VALVES

PRIME FLOW™
Y-STRAINERS
BRASS GATE
ELSTER AMCO
OSY VALVES
CAST IRON OSY GATE
GROOVED FITTINGS

VALVES

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GROOVED FITTINGS

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Brass Full Port Ball Valve IPS 600 WOG • 150 SWP

Dimensions: Millimeters 1 Inch = 25.4mm

Material of Valve Parts

Body.....Cast Brass
Ball...Chrome Plated Brass
Stem Packing.....Teflon
Stem.....Brass
Stem Gland Screw...Brass
Handle...Zinc Plated Steel

PART #BVsizeI

IPS BALL VALVE				
SIZE	L	A	B	C
1/2"	43	41	88	10
3/8"	43	41	88	10
1/2"	52.6	47	88	15
3/4"	68.4	54	110	20
1"	73.5	58	110	25
1 1/4"	83	71	145	32
1 1/2"	92	76	145	40
2"	103	83	145	50
2 1/2"	136	117	235	65
3"	148	125	235	75
4"	185	146	264	99



SPECIFICATIONS:
Working Pressure
Non-Shock (PSI)
Saturated Steam.....150
Cold Water, Oil, Gas...600

Brass Full Port Ball Valve CxC 600 WOG • 150 SWP

Dimensions: Millimeters 1 Inch = 25.4mm

Material of Valve Parts

Body.....Cast Brass
Ball...Chrome Plated Brass
Stem Packing.....Teflon
Stem.....Brass
Stem Gland Screw...Brass
Handle...Zinc Plated Steel

PART #BVsizeS

CxC BALL VALVE				
SIZE	L	A	B	C
1/2"	56.8	47	88	15
3/4"	71.5	54	110	20
1"	84	58	110	25
1 1/4"	105	71	145	35
1 1/2"	113	76	145	40
2"	136	83	145	50
2 1/2"	161	106	200	65
3"	182	126	250	75
4"	234	143	250	99



SPECIFICATIONS:
Working Pressure
Non-Shock (PSI)
Saturated Steam.....150
Cold Water, Oil, Gas...600

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Long Stem Ball Valve

CXC

Part #BVLsizeC

Sizes: 1/2" - 3/4"



IPS

Part #BVLsizeI

Sizes: 1/2" - 3/4"

3/4" Circulator Valve w/ Drain



Part #BVCIR34WD12



Circulator Valve

Part #BVCIRsize

Sizes: 3/4" - 1 1/4"



CXC

Part #: BV34SWD12



IPS

Part #: BV34WD12

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PRIME-FLOW™

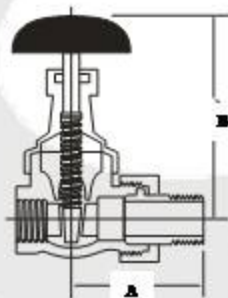


HEAVY PATTERN

BRASS RADIATOR STEAM ANGLE VALVE #700

DIMENSIONS

SIZE	A	B- OPEN
¾"	2.65	3.15
1"	2.95	3.40
1 ¼"	3.30	3.90
1 ½"	6.55	8.50



PART # BRSAsize

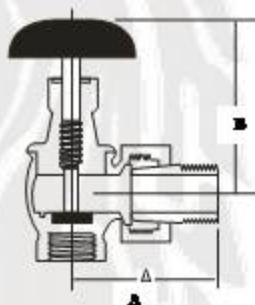
* Working Pressure (PSI) non-shock - Hot Water - 60 PSI - Saturated Steam - 15 PSI

HEAVY PATTERN

BRASS RADIATOR STEAM GATE VALVE #800

DIMENSIONS

SIZE	A	B- OPEN
1"	2.90	4.10
1 ¼"	3.25	4.65



PART # BRSGsize

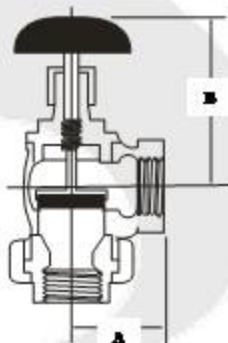
* Working Pressure (PSI) non-shock - Hot Water - 200 PSI - Saturated Steam - 125 PSI

HEAVY PATTERN

BRASS CONVECTOR STEAM ANGLE VALVE #400

DIMENSIONS

SIZE	A	B- OPEN
1"	2.90	4.10
1 ¼"	3.25	4.65



PART # BCSAsize

* Working Pressure (PSI) non-shock - Hot Water - 60 PSI - Saturated Steam - 15 PSI

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®

HEAVY PATTERN BRASS HOT WATER ANGLE VALVE #500

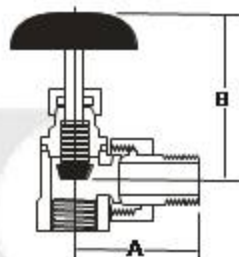
DIMENSIONS

#500-C...CxC Connection

SIZE	A	B- OPEN
½"	2.20	2.75
¾"	2.55	2.90

#500-I...IPS Connection

SIZE	A	B- OPEN
½"	2.20	2.75
¾"	2.55	2.90



Part #BRWAsize (IPS)
BRWAsizeC (CxC)

*Working Pressure (PSI) non shock - Hot Water - 60 PSI

HEAVY PATTERN BRASS UNION ELBOW #300

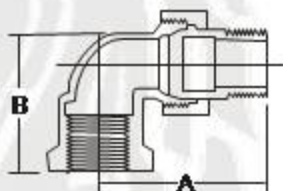
DIMENSIONS

#300-C...CxC Connection

SIZE	A	B- OPEN
½"	2.20	1.25
¾"	2.45	1.50

#300-I...IPS Connection

SIZE	A	B- OPEN
½"	2.40	1.05
¾"	2.70	1.20



Part #BRUEsize (IPS)
BRUEsizeC (CxC)

*Working Pressure (PSI) non shock - Hot Water - 60 PSI - Saturated Steam - 15 PSI

GAS BALL VALVE



Part #GBVsize

Sizes: ½", ¾", 1"

**CSA
APPROVED**

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1/4" T-Handle Ball Valve



Part# BV14T

T-Handle Balancing Ball Valve



Part #: BBVsizeST Sizes: 1/2" & 3/4"

3/4" Balancing Valve w/Screw Driver Top



Part #BBV34SS

3/4" Balancing Valve w/Union End



→ Screw Driver Top

* Also available with T-Handle

Part #BBV34UT

1/4" Pet Cock Valve



Part #BVPC14

Frost Free Sill Cock



Part #FFSCsize Sizes: 8" - 12"

Swing Check Valve



CxC



PS

Part #Cvsize S (CxC) Sizes: 1/2" - 4"
#Cvsize I (IPS)

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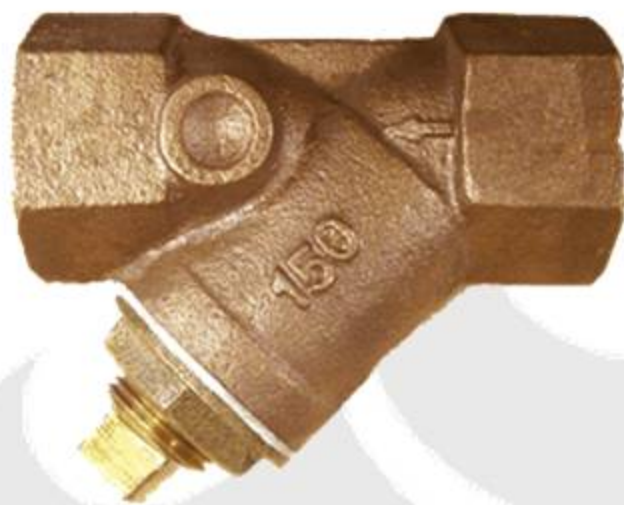
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Y - STRAINERS

Bronze Y Strainer



Part
#BYSsize... IPS (Threaded)
#BYSCsize... CxC (Sweat)

Sizes: $\frac{1}{2}$ " - 2"

Cast Iron Y Strainer



Threaded
Part #:
CYSsize... IPS
Sizes: $\frac{1}{2}$ " - 3"



Flanged
Part #:
CYSFsize... CxC
Sizes: 2 $\frac{1}{2}$ " - 8"

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Di-Electric Unions



Part #DEUMsize (Male)
DEUFsize (Female)
Sizes: 1/2" & 3/4"

1/2" Automatic Hot Water Air Vent



Part #AAV18

1/2" Air Valve



Part #AV18A (Angle)
AV18S (Straight)

1/2" Winner Air Valve



Part #H4018A

Oil Fill Box w/ Brass Plug



Part #: OFBsize
Sizes: 2" & 3"

Pig Tail



Part#	Description
PT	Black Straight Pig Tail
PTA	Black Angle Pig Tail
PTB	Brass Straight Pig Tail
PTBA	Brass Angle Pig Tail

1-1/4" Vent Cap w/ 1/8" Tap



Part #M014BVCA114

Air Purger



Part #APsize Sizes: 1", 1 1/2"

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Backflow Preventer



Part #CONBVsize1 Sizes: 1/2", 3/4"

Steel Boiler Manifold

Part

#BH342

#BH343

#BH344

#BH345

#BH346



Circulator Flange Kit



Part #CFCsize Sizes: 3/4" - 1 1/4"

Bolt, Nut, & Washer Pack/ Set #150



Part #BNWsize Sizes: 2" - 6"

Dirt Pocket Cap



Part #DPC

Swivel and Nut



Part #SN20LT

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Angle Globe Valve

Part #SVASizeS (CxC)
SVAsizeI (IPS)
Size: 1/2" & 3/4"



Globe Valve

Part #SVSSizeS (CxC)
SVSSizeI (IPS)
Size: 1/2" & 3/4"



Long Stem Angle Globe Valve

Part #SVALSSizeS (CxC)
SVALSSizeI (IPS)
Size: 1/2" & 3/4"



Long Stem Globe Valve

Part #GLSSizeS (CxC)
GLSSizeI (IPS)
Size: 1/2" & 3/4"



Ball Style Boiler Drain



Part #BBDMsize
Sizes: 1/2", 3/4"

Male Boiler Drain w/ Stuffing Box

Part #BDMsize
Size: 1/2" & 3/4"



Brass Long Stem Gate Valve

Size Part
1/2" #GVLS12S
3/4" #GVLS34S
CXC



Size Part
1/2" #GVLS12I
3/4" #GVLS34I
IPS



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BRASS GATE VALVES

200 WOG



Brass IPS Gate Valve



Brass CxC Gate Valve



Part #GVsizeI (Threaded), #GVsizeS (Sweat)
Sizes: 1/2" - 4"

MATERIAL SPECIFICATION

PART	MATERIAL
BODY	BRASS
BONNET	BRASS
STEM	BRASS
PACKING NUT	BRASS
DISC	BRASS
HAND WHEEL	CAST IRON
WHEEL NUT	BRASS
LOCK NUT	BRASS
GLAND	BRASS
PACKING	ASBESTOS FREE GRAPHITE

Constructed of heavy duty cast brass. Body and bonnet are connected with a tight metal to metal leak-proof seat. Screwed bonnet, non-rising stem, solid wedge disc, and integral seats. Non-steam use in residential and commercial applications.



DIMENSIONS IN INCHES

VALVE SIZE	A (IPS)	A (CxC)	B	C
1/4"	1.62		2.84	2.13
3/8"	1.62		2.84	2.13
1/2"	1.69	1.77	2.92	2.13
3/4"	1.85	2.33	3.31	2.13
1"	2.21	2.84	3.91	2.40
1-1/4"	2.40	2.99	4.57	2.96
1-1/2"	2.44	3.23	4.93	2.96
2"	2.84	3.98	6.03	3.19
2-1/2"	3.51	4.65	7.33	3.94
3"	3.98	5.28	8.63	4.45
4"	4.57		10.21	5.20

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ELSTER AMCO Water Meters

Approved by New York City DEP



New York Displacement Water Meter



Part #ABBC700size
Sizes: $\frac{5}{8}$ " - 2"

Turbine Meter



Part #ABBT3000size
Sizes: 1 $\frac{1}{2}$ " - 6"

Branch Meter



Part #ABBC700DRsize
Sizes: $\frac{5}{8}$ " - 2"

Branch Hot Water Meter



Part #ABBS130size
Sizes: $\frac{3}{4}$ " & 1"

Single Jet Meter



Part #ABBS2000size
Sizes: 1 $\frac{1}{2}$ " - 4"

Pit Meter/ Encoder Register 6D



Part #ABBC700Psize
Sizes: $\frac{5}{8}$ " - 1"



Compound Meter

Part #ABBC3000size
Sizes: 2" - 8"

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Bronze Meter Coupling w/ Swivel Hole & Washer

* Available in Long & Short patterns



Long

Part#: 020MCsize

Sizes: $\frac{1}{2}$ " - 1"



Short

Part#: 020MCsizeS

Sizes: $\frac{3}{4}$ ", 1"

Bronze Companion Flange



Part #020CFsize (CXC)

020CFsize (IPS)

Sizes: $\frac{1}{2}$ " - 6"

Bronze Meter Flange



-AWWA/C- AWWA Standard Thread- steeper taper than Male National Pipe Threads

-FNPT- Female National Pipe Thread- inside tapered thread

-MNPT- Male National Pipe Thread- outside tapered thread

Part #020MFsizeS (CXC)

020MFsizeI (IPS)

Sizes: 1 $\frac{1}{2}$ ", 2"

Bronze Flared x Male Adapter



Part #FLRMAsize

Sizes: 1" - 2"

Bronze Flared C x C Union



Part #FLRUsize

Sizes: 1" - 2"

Bronze Flare Elbow



Part #FLRMEsize

Sizes: $\frac{3}{4}$ " - 2"

Bronze Pipe Clamp w/3 Steel Screws



Part #020GCsize

Sizes: $\frac{1}{2}$ ", 1 $\frac{1}{4}$ "

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BRONZE MAK-JOINT-PAC FITTINGS

COUPLINGS



Copper x Male
MJPCCM



IPS x Male
MJPCM



Copper x Female
MJPCCF



IPS x Female
MJPCIF



Copper x Copper
MJPUC



IPS x IPS
MJPUI



IPS x Copper
MJPUIC

UNIONS

ELBOWS



Copper x Male
MJPECM



IPS x Male
MJPEIM



Copper x Copper
MJPEC



IPS x IPS
MJPEI

Flare x Male
MJPEFM



Flare x Flare
MJPEF

■ **Size Available**

	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	3/4" x 1"	1" x 3/4"	1-1/4" x 1"
COUPLING									
COP x MALE	■	■	■	■	■	■	■	■	
IPS x MALE		■	■	■	■		■		
COP x FEMALE		■	■	■	■	■		■	
IPS x FEMALE		■	■				■		
UNIONS									
COP x COP	■	■	■	■	■	■		■	■
IPS x IPS		■	■					■	
IPS x COP		■	■				■	■	
ELBOWS									
COP x MALE		■	■					■	
IPS x MALE		■	■						
COP x COP		■	■						
IPS x IPS		■	■						
Flare x MALE		■	■					■	
Flare x Flare		■	■						

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BRASS FITTINGS

Tee



Part #020T
Sizes: $\frac{1}{2}$ " - 4" & Reducing Sizes

Plug



Part #020P
Sizes: $\frac{1}{8}$ " - 4"

Bushing



Part #020B
Sizes: $\frac{1}{2}$ " - 4"

Union



Part #020U
Sizes: $\frac{1}{2}$ " - 3"

IPS Flange



Part #020CF
Sizes: $\frac{1}{2}$ " - 6"

CxC Flange



Part #020CFS
Sizes: 2" - 6"

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Bronze Mono-flow Tee



Part #020MFT
Sizes: 1x1/2
1-1/4x3/4
1x3/4
3/4x1/2

Bronze Drop Ear Elbow



Part #020DE12H2C
Size: 1/2" IPS x 1/2" C

Bronze CxC Drain Elbow



Part #020BBT34
Sizes: 3/4" x 1/2" x 3/4"

3/4" Copper x Male Nipple



Part #020SMU34

TP x Male Adapter



Part #TPEP
Sizes: 1/2" - 4"

TP x Copper Adapter



Part #TPXC
Sizes: 1/2" - 4"

TP x Female Adapter



Part #TPC
Sizes: 1/2" - 4"

TP x Solder Adapter



Part #TPCS
Sizes: 1/2" - 4"

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BRASS FITTINGS



90° Elbow

Part #020E
Sizes: 1/2" - 4" &
Reducing sizes



45° Elbow

Part #02045
Sizes: 1/2" - 4"



Street Elbow

Part #020SE
Sizes: 1/2" - 4"



Street 45

Part #020S45
Sizes: 1/2" - 4"



Coupling

Part #020C
Sizes: 1/2" - 4" &
Reducing sizes



Extension Coupling

Part #020EC
Sizes: 1/2" & 3/4"



Reducing Coupling

Part #020RC
Sizes: 1/2" - 3"

Cap



Part #020CA
Sizes: 1/2" - 4"

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COPPER FITTINGS



90° Elbow

Part #COPEsize
Sizes: 1/2" - 6"



45° Elbow

Part #COP45size
Sizes: 3/8" - 6"



Street Elbow

Part #COPSEsize
Sizes: 1/4" - 6"



Street 45

Part #COPS45size
Sizes: 1/2" - 4"



Reducing Elbow

Part #COPREsize
Sizes: 1/2" - 2 1/2"



Coupling

Part #COPCsize
Sizes: 3/8" - 6 and
Reducing sizes

Copper x Female



Part #COPFAsize
Sizes: 1/2" - 6"

Copper x Male



Part #COPMASize
Sizes: 1/2" - 6"



Tee

Part #COPTSize
Sizes: 1/2" - 6"

Cap



Part #COPCASize
Sizes: 1/2" - 4"



Union

Part #COPUsize
Sizes: 1/2" - 4"

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ROADWAY BOXES SCREW TYPE



Part #039RWB

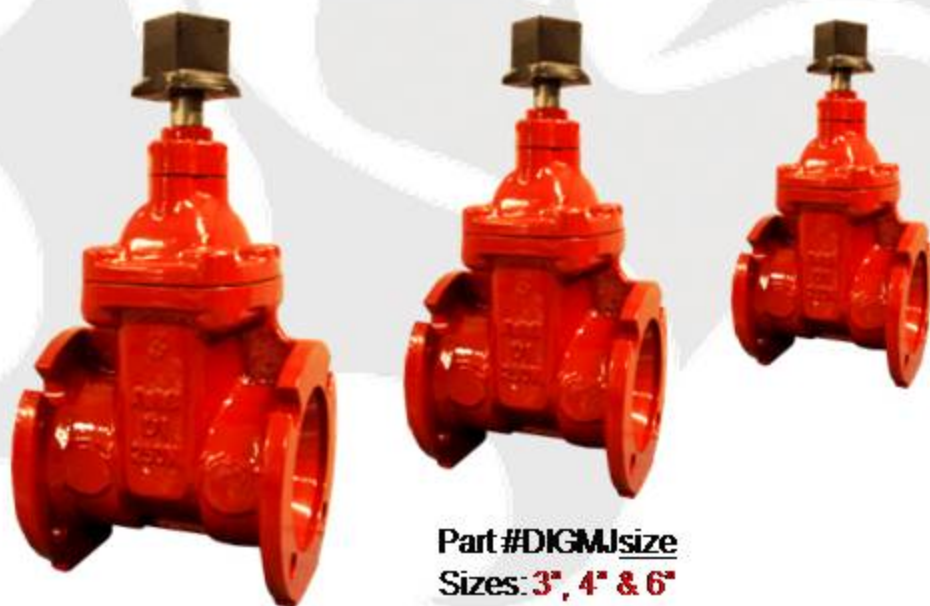


Cover



Glands

DUCTILE IRON GATE VALVE MECHANICAL JOINT



Part #DIGMsize
Sizes: 3", 4" & 6"

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OSY VALVES



Cast Iron OSY Flanged Gate Valve



Part #CIOSYsize
Sizes: 2" - 12"

Bronze OSY IPS Gate Valve



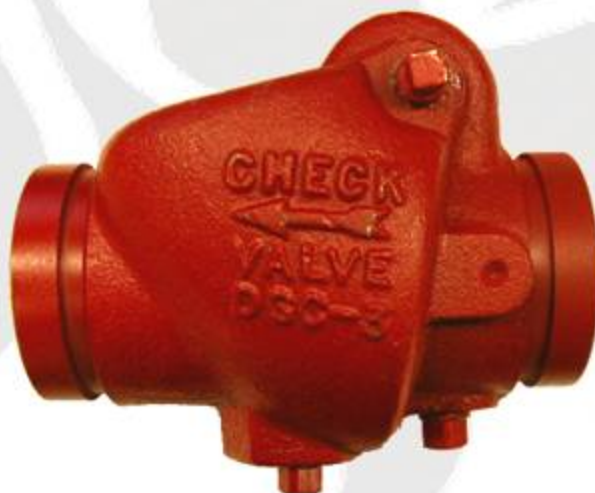
Part #BOSYsize
Sizes: 1" - 2"



Cast Iron Groove Check Valve



Part #GCV
Sizes: 2" - 6"



* UL LISTED & ULC LISTED BY MANUFACTURER

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CAST IRON OSY GATE VALVES

Outside screw and yoke
Flanged end



This series of bolted bonnet gate valves are outside screw and yoke type with Flanged ends. Two body-trim combinations: All-iron or iron body with bronze mountings (IBBM), the latter recommended for general use on steam, water, air, oil, and gas lines.

Body and bonnet Close-grained cast iron or a corrosion-resistant 3% nickel iron alloy. Bolted bonnets. Flanged ends make valves easy to install or remove in general use or corrosive service. Two supporting webs between pipe flanges and body flange help strengthen valve against pipe line strain.

Stem Outside screw and yoke design places stem outside bonnet away from corrosive fluids. Acme standard threads with long engagement in yoke bushing.
For all-iron valves Steel. Chemically treated with phosphate to inhibit rust.

For IBBM valves Manganese bronze in 2" - 12" sizes. "Sternalloy" in larger sizes. Resistant to wear, corrosion, embrittlement.

Discs Solid wedge design will not distort with temperature variations.
For all-iron valves Iron, solid wedge.
For IBBM valves Solid bronze in 2" and 2 1/2" size. Iron with bronze faces in 3" and larger sizes.

Seats Seat rings heavily constructed and rectangular in section, renewable if needed. Seat face inner rings seat against solid walls of body recess.
For iron valves Screw in, iron seat rings.
For IBBM valves Screw in bronze seat rings.

Repacking Swing gland bolts and shelves facilitate repacking. Large stuffing boxes; repackable under pressure when wide open.

Dimensions in inches Weights in pounds

Size	2	2 1/2	3	4	5	6	8	10	12	14	16	18	20	24
B	7	7 1/2	8	9	10	10 1/2	11 1/2	13	14	15	16	17	18	20
F	15 1/8	16	9 1/16	18 15/16	23 3/4	27 15/16	32 1/2	40 1/8	49 3/8	57 3/4				
H	8	8	8	10	12	12	14	16	18	20	24	26	28	30



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GROOVED BUTTERFLY VALVES



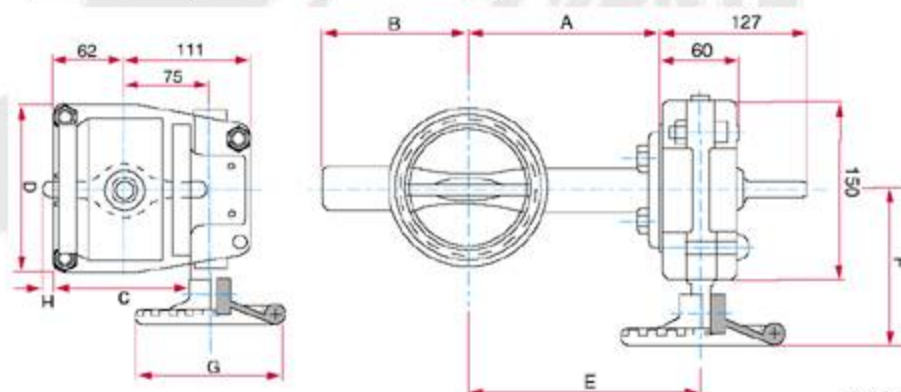
SPECIFICATIONS

Working Pressure : 175 PSI (12.5 Bars)
 Max. Test Pressure : 350 PSI (25.0 Bars)
 Max. Working Temp : 250 F (120 C)



Double Tamper Switch For Indoor Use Only.

MATERIAL OF PRIMARY COMPONENTS	
PART	MATERIAL
BODY	ASTM A-536 NYLON-11 COATED
DISC	ASTM A-536 EPDM ENCAPSULATED
UPPER & LOWER STEMS	AISI 420-SS
WORM GEAR SHAFT	AISI 410-SS
HOUSING	ASTM A-536
HAND WHEEL	ASTM A-536
FLAG INDICATOR	ASTM A-536
SHEAR PIN	ASTM A-510
SEGMENT GEAR	ASTM B-148
HOUSING GASKET	EPDM GRADE "E"
O-RINGS (ALL)	EPDM GRADE "E"



Grooved Butterfly Valves

Part #CIGBVsize
 Sizes: 2 1/2", 3", 4", 6", 8"

* UL LISTED BY MANUFACTURER

DIMENSIONS		UNIT INCH (mm)						
SIZE (INCH)	A	B	C	D	E	F	G	H
2 1/2"	4.1(105)	3.3(85)	3.7(94.6)	2.9(73.0)	5.3(135)	5.3(135)	4.9(125)	
3"	4.4(112)	3.6(92)	3.8(96.4)	3.5(88.9)	5.6(142)	5.3(135)	4.9(125)	
4"	5.7(145)	4.3(108)	4.5(115.4)	4.6(116.2)	6.9(175)	5.3(135)	4.9(125)	
6"	7.1(180)	5.7(145)	5.3(133.4)	6.6(168.3)	8.3(210)	7.6(193)	8.9(225)	0.4(11.2)
8"	8.0(204)	6.7(170)	5.8(147.7)	8.6(219.1)	9.1(232)	7.6(193)	8.9(225)	0.9(24.0)

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NOTES

DATE	DESCRIPTION

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GROOVED FITTINGS
SPRINKLERS
CPVC SPRINKLER FITTINGS

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GROOVED FITTINGS

FITLOK®



90° Elbow

Part #GFE
Sizes: 1 1/2" - 8"



45° Elbow

Part #GF45
Sizes: 1 1/2" - 8"



Tee

Part #GFT
Sizes: 1 1/2" - 8" &
Reducing Sizes



Cross

Part #GFCS
Sizes: 4" - 6"

2 Piece Flanged Adaptor



Part #GFA
Sizes: 2" - 8"



Nipple Adaptor

Part #GF
Sizes: 2" - 8"



Cap

Part #GFCA
Sizes: 2" - 8"



Coupling

Part #GFC
Sizes: 1 1/2" - 8" &
Reducing Sizes

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GROOVED FITTINGS

FITLOK®



Concentric Reducer



Part #GFCR
Sizes: Reducing 2"-8"

Mechanical Tee U-Bolt Style Threaded



Part #GMTU

Mechanical Tee Grooved



Part #GMTG

Mechanical Tee Threaded



Part #GMTI

Mechanical Cross Tee Grooved



Part # GMCT
Sizes: 3x2, 4x2, & 6x2

Mechanical Cross Tee Threaded



Part #GMCTI
Sizes: 4x2 & 6x2

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FIRE PROTECTION PRODUCTS

FITLOK®



**Upright Rough Brass Fire Sprinkler
PART# SHURRB**



**Upright Polish Chrome Fire Sprinkler
PART# SHURPC**



**Concealed Chrome Fire Sprinkler
PART# SHCC**



**Horizontal Sidewall Polish Chrome
Fire Sprinkler
PART# SHHSWPC**



**Pendent Rough Brass Fire Sprinkler
PART# SHPRB**



**Pendent Polish Chrome Fire Sprinkler
PART# SHPPC**

* UL LISTED & ULC LISTED BY MANUFACTURER

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Grooved Check Valve



Manufactured of solid brass for use on sprinkler and standpipe systems. Includes 1/2" IPS plugged tap for installation of a system accessory such as a 1/2" ball drip.

Part #GCVsize
Sizes: 3" & 4"

Spring Loaded Check Valve



Part #CVSLsize
Sizes: 1" & 2"

Bolt Packs



PART #	FLANGE	BOLT/NUT
BNW212	2-1/2"	5/8 x 2-1/2
BNW3	3"	5/8 x 2-1/2
BNW4	4"	5/8 x 3
BNW5	5"	3/4 x 3-1/2
BNW6	6"	3/4 x 3-1/2
BNW8	8"	3/4 x 3-1/2

ZINC PLATE BOLTS AND NUTS
NON-ASBESTOS AND RUBBER GASKETS

Ball Drip



Part #BDsize
Sizes: 1/2" & 3/4"

1/2" Ball Valve w/Cap & Chain



Part #BV12IHCC

Sprinkler Head Guard



Part #SHGR

Rubber Flange Gasket



Part #GASsize
Sizes: 2" - 8"

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CPVC SPRINKLER FITTINGS



CPVC SPRINKLER FITTINGS

FITLOK

CPVC SPRINKLER FITTINGS



Flameblaze Tee

Part #CPVCT
Sizes: 1" - 2"



Reducing Tee

Part #CPVCT1141B
Sizes: 1 1/4 x 1", 1 1/4 x 1 x 1",
1 1/2 x 1", 1 1/2 x 1 1/4"



Female Adapter

Part #CPVCF A
Sizes: 1 1/2", 2"



Reducer Bushing

Part #CPVCB
Sizes: 2 x 1", 2 x 1 1/2"



Flameblaze Elbow 90 degree

Part #CPVCE
Sizes: 1" - 2"



Flameblaze Elbow 45 degree

Part #CPVCE



Flameblaze Fem ELL

Part #CPVCFE
Sizes: 1 x 1 1/2"



Flameblaze Cap

Part #CPVCCA
Sizes: 3/4" - 2"



Sprinkler Head Adapter

Part #CPVCSHA
Sizes: 1 x 1 1/2"



Coupling

Part #CPVCC

*UL LISTED & ULC LISTED BY MANUFACTURER

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FITTINGS®

CAST IRON SPECIALTIES
FIXTURE CARRIER
NO-HUB
BLACK MALLEABLE
GALVANIZED MALLEABLE
CAST IRON STEAM
CAST IRON FLANGED
CARBON FORGED STEEL FLANGES
CARBON SEAMLESS STEEL WELDING
PVC

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CAST IRON SPECIALTIES



SHOWER DRAIN

w/ Heavy Duty Cast Brass Strainer

STRAINER TOPS

Part #	Description
039PCSR4	4" Round Polish Chrome
039PBSR4	4" Round Polish Brass
039PCSSQ4	4" Square Polish Chrome
039PBSSQ4	4" Square Polish Brass



DRAIN BODIES

Part #	Description
039SDCIB2	2" No Hub
039SDCIB2I	2" IPS
039SDCIB3	3" No Hub



STRAINER TOPS

Part #	Description
039PCSR5	5" Round Polish Chrome
039PBSR5	5" Round Polish Brass
039PCSSQ5	5" Square Polish Chrome
039PBSSQ5	5" Square Polish Brass
039PCSSQ6	6" Square Polish Chrome
039PBSSQ6	6" Square Polish Brass

FLOOR DRAIN

w/ Heavy Duty Cast Brass Strainer

DRAIN BODIES

Part #	Description
039FDCIB3	3" No Hub
039FDCIB4	4" No Hub



Clean-Out For Floor Drain



Part #	Description
039PBC05	5" Polish Brass Clean-Out
039PCC05	5" Polish Chrome Clean-Out

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FIXTURE CARRIER

Horizontal Double Adjustable Carrier Fitting



Part #HAD

Horizontal Single Adjustable Left Carrier Fitting



Part #HSAL

Horizontal Single Adjustable Right Carrier Fitting



Part #HSAR

Carrier Body w/ Hardware
Part # CAB



Carrier Accessory Pack



Part #HCAP



Part #	Description
039LC411	Lavatory Carrier Floor Mounted w/ Concealed Arms
039LC411WC	Lavatory Carrier Heavy Duty/ Wheel Chair w/ Concealed Arms
039LC400	Lavatory Carrier Wall Mounted w/ Concealed Arms
039LC400WC	Lavatory carrier Wall Mounted Heavy Duty/ Wheel Chair w/ Concealed Arms
039UC311	Urinal Carrier
VSAL	Vertical Single Adjustable Left Carrier Fitting
VSAR	Vertical Single Adjustable Right Carrier Fitting
VDA	Vertical Double Adjustable Carrier Fitting
VSALWSO	Vertical Single Adjustable Left w/ Side Outlet Carrier Fitting
VSARWSO	Vertical Single Adjustable Right w/ Side Outlet Carrier Fitting
VDAWSO	Vertical Double Adjustable w/ Side Outlet Carrier Fitting

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Service Sink
Cast Iron White Enamel

**Complete with Wall Hanger and
U-Type Stainless Steel Rim Guard**

Holes on 8" Centers

22" x 18"

Part #ELJ2420150



Service Sink Faucet

Part #SSF350



Standard P-Trap

Part #039PTsizeWCS



Sizes: 2" & 3"

Enamel Floor Sink

**No-Hub Sink with
Aluminum Dome,
Strainer, and
Enamel Top Grate**



Part

#039ESS1283 12X12X8 Enamel Sink w/ 3" Outlet

#039ESS1284 12X12X8 Enamel Sink w/ 4" Outlet

**Enamel Top
(¾)
*FULL also
available**

**Aluminum
Strainer**

#039ESST12 12X12 Enamel Top Grate ¾ Full

#039ESST12F 12X12 Enamel Top Grate Full

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1 1/2" - 10"

NO-HUB FITTINGS



1/16 BEND
NFS16B



1/8 BEND
NFS8B



1/4 BEND
NFS18B



1/2 BEND
NFS14B



**4x16x16
CLOSET BEND**
NFSCB1616



LONG SWEEP
NFSLS



SHORT SWEEP
NFSSS



**SIDE OUTLET
BEND**
NFSOSB



HEEL BEND
NFSHB



TAP 1/4 BEND
NFS14B



WYE
NFSY



UPRIGHT WYE
NFSUY



CROSS WYE
NFSDY



TY
NFSY



CROSS TY
NFSCTY



P-TRAP
NFSPT



TAP P-TRAP
NFSPTT



**DOUBLE VENT
TRAP**
NFSDT



**SINGLE VENT
TRAP**
NFSST



TAP TY
NFSITY



*- Plug for clean-out tee
is sold separately.*

**CLEAN-OUT
TEE**
NFSCOT

With PLUG
D386P



BLIND CAP
NFSB



LONG TURN TY
NFSCT



CROSSTAP TY
NFSCTTY

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Easy 7000 Left Hand



Also available in Right & Double
NFS7000R-Right
NFS7000D-Double



Part #NFS700L

2" X 2" Long 1/4" Bend



Part #NFSL14B2

2" X 1 1/2" Double Tap Ty



Part #NFSDTTY2112

2" X 2" P-Trap w/ 2" Side Outlet in Left & Right



Part #
NFSPTT2SOL- Left
NFSPTT2SOR- Right

2x 15 NH Vented Tub Wye



Part #NFSVTY215

4x 4x 2x 2x 4 Vent Closet w/ 2" Side



Part #
NFS458L- Left
NFS458R- Right
NFS458D- Double



2" Double Vent Cross-Over



Also available in Left & Right
NFSCO2L- Left
NFSCO2R- Right
Part #NFSCO2D

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NO-HUB FITTINGS



1/16 Bend

Part #NFS16B
Sizes: 1 1/2" - 4"



1/6 Bend

Part #NFS6B
Sizes: 2" - 4"



1/8 Bend

Part #NFS18B
Sizes: 1 1/2" - 10"



2", 3", 4", & 6" are UPC® Approved



1/4 Bend

Part #NFS14B
Sizes: 1/2" - 10"



2", 3", 4", & 6" are UPC® Approved



**4x16x16
Closet Bend**

Part#
NFSCB1616



Tap 1/4 Bend

Part #NFS14BT
Sizes: 1 1/2", 2x1 1/2"



Short Sweep

Part #NFSSS
Sizes: 1 1/2" - 6"



Long Sweep

Part #NFSLS
Sizes: 1 1/2" - 6"

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NO-HUB FITTINGS



Back Outlet Bend
(Heel Bend)



Part #NFSHB
Sizes: **3x2 & 4x2**
UPC® Approved



Side Outlet Bend



Part #NFSSOB
Sizes: **3x2 & 4x2**
UPC® Approved



WYE

Part #NFSY
Sizes: **1 1/2" - 10"**



3", 4", 6", 4x2, 4x3, 6x3, & 6x4
are UPC® Approved



Upright Wye



Part #NFSUY
Sizes: **2" - 4"**
3x2
4x2
4x3

UPC® Approved



Cross Wye

Part #NFSDY
Sizes: **1 1/2" - 10"**



Ty

Part #NFSTY
Sizes: **1 1/2" - 10"**

2", 3", 3x2", 4", 4x2", 4x3" are UPC® Approved



Cross Ty

Part #NFSCTY
Sizes: **1 1/2" - 4"**



Tap Ty

Part #NFSTTY
Sizes: **1 1/2", 2", 2x1 1/2" & Reducing Sizes**

2" & 2x1 1/2" are UPC® Approved

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NO-HUB FITTINGS

Tap P-Trap



Part #NFSPTT
Sizes: 1 1/2" - 2x1 1/2"

P-Trap



Part #NFSPT
Sizes: 1 1/2" - 4"

2", 3", & 4" are UPC Approved

Double Vent Trap



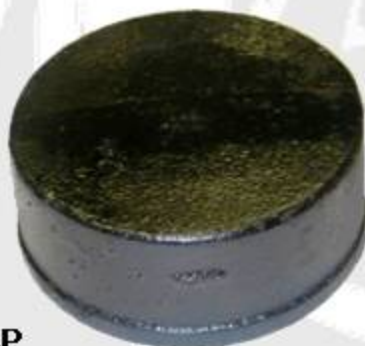
Part #NFSDT
Sizes: 3" & 4"

Single Vent Trap



Part #NFSST
Sizes: 3" & 4"

Blind Cap



Part #NFSP
Sizes: 1 1/2" - 8"

Clean-Out Tee w/ Brass Plug



Part #NFSCOT (tee)
039BP (plug)

Sizes: 2" - 8" * Plugs are sold separately

Long Turn TY (Combo Y & 1/4 Bend)



Part #NFSC
Sizes: 2" - 6"

Cross Tap Ty



Part #NFSCTTY
Sizes: 1 1/2", 2", 4x2

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Cast Iron No-Hub Area Drain



Part# NFSFD
Sizes: 2" - 4"

Brass Clean-Out Deck Plate



Part# 039CODP
Sizes: 3" - 6"

**Cast Iron No-Hub
Extra Heavy Floor Drain**



Part #039FDXH
Sizes: 2" - 4"

Cast Iron No-Hub Bell Trap



Part# 039BT
Sizes: 2" - 4"

No-Hub Clean Out Body



Part# 039COB
Sizes: 2" - 6"

**Cast Iron No-Hub
Adjustable Floor Drain**



Part #039AFD
Sizes: 3", 4"

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Cast Iron Roof Drain



Part #039RD
Sizes: **3", 4"**

**4" Cast Iron Extra Heavy
Roof Iron**



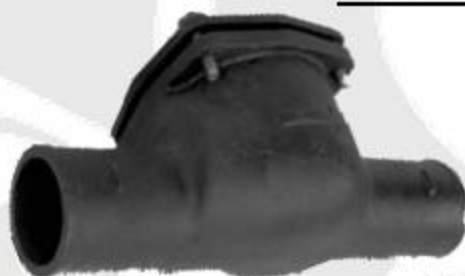
Part# 039RI4

12" Cast Iron Slop Sink



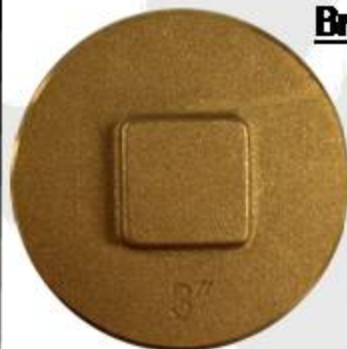
Part# 039SS12

**Cast Iron No-Hub
Back Water Valve**



Part #039BV
Sizes: **2" - 6"**

Brass Clean Out Plug



Part# 039BP
Sizes: **2" - 6"**

-Also available Counter Sunk Clean Out Plug in 2" to 6" Part #039BPCS

**Combination Trap & Tee 4"x 3"
w/ Brass Plug**



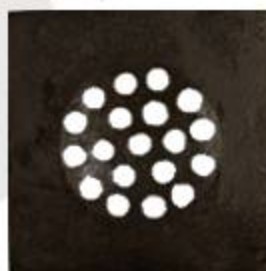
Part# NFSCTT43

No Hub Ferrule w/ Brass Plug



Part #NFSF
Sizes: **2" - 6"**

Cast Iron Square Grate



Part #
039SFG
Sizes: **6" - 12"**

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Galvanized P-Trap



Part #039GPT
Sizes: 1 1/2", 2"

Cast Iron P-Trap Standard w/ Polish Chrome Strainer



Part
#039PT2WCS-2"
#039PT3WCS-3"

4" Cast Iron No-Hub Offset Floor Flange



Part #039OF4

Speed Flange™



Part #039NHIF
Sizes: 3x2, 4x2, 4x3, 4x4

4x2 Test Cap Speed Flange

Rubber Removable Cap



Part #039NHIFTC42

Tap Adapter



Part #NFSTAA
Sizes: 2x1 1/2", 1 1/2"

NO-HUB FITTINGS NO-HUB

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No-Hub Pipe Repair Clamp



Part #039NPRC
Sizes: 2" - 4"

Cast Iron Tapped Tee Saddle w/ U-Bolt



Female IPS Adapter

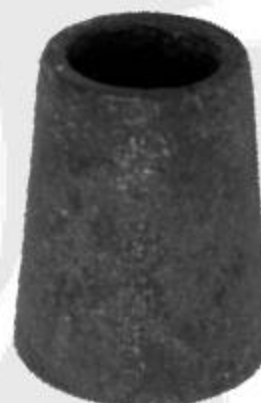
Part #039TS
Sizes: 3x2, 4x1 1/2, 4x2, 4x3

Cast Iron Tub Wedge



Part #039TW

Cast Iron Boiler Tube Plug



Part #SPEBT
Sizes: 2" - 3"

Lead Fit All Plug



Part #LFA
Sizes: 2" - 6"

4" Lead Repair Collar



Part #LC4

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NO-HUB FITTINGS



Hub Gasket



Part #TSG (Service Weight)
or TSGX (Extra Heavy)
Sizes: 2" - 8"

No Hub Coupling



UPC Approved

Part #NHC Sizes: 1 1/2" - 6"



Jim Cap



Part #JIM
Sizes: 1 1/2" - 6"

Extra Heavy No Hub Coupling



Part #NHCH Sizes: 2" - 10"

Sump Pump Valve



Part #SPCV Sizes: 1 1/2" - 4"

Test Plug



Part #039TP Sizes: 2" - 4"

Cast Iron Extra Heavy No Hub Coupling



Part #MG Sizes: 2" - 8"

Flexible Coupling



Part #FERC
Sizes: 1 1/2" - 6",
1 1/2"x1 1/2", 2x1 1/2", 2x3, 3x2,
4x2, 4x3, 5x3, 5x4, 6x2, 6x4

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NOTES

DATE	DESCRIPTION

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HANGERS

CLEVIS HANGER
ADJUSTABLE SWIVEL BAND
RISER CLAMP
CEILING PLATE
BEAM CLAMP
KINDORF
THREADED ROD
PIPE CLAMP
SUSPENSION CLAMP

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HANGERS

CLEVIS HANGER
ADJUSTABLE SWIVEL BAND
RISER CLAMP
CEILING PLATE
BEAM CLAMP
KINDORF
THREADED ROD
PIPE CLAMP
SUSPENSION CLAMP

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HANGERS



Clevis Hanger



Part #HANC (Black)
HANCsizeC (Copper)
Sizes: Range 1 1/2" - 10"

Adjustable Swivel Band



Part #HANB
Sizes: Range 1/2" - 6"

Riser Clamp



Part #HANR (Black)
HANCR (Copper)
Sizes: Range 1/2" - 6"

Kindorf Strap



Part #HANK (Galvanized)
HANKC (Copper)
Sizes: Range 1/2" - 6"

Coach Screw



Part #HANGS (Black)
Sizes: 3/8" & 1/2"

Pipe Strap



Part #HANSTRG (Galv)
COPSTR (Copper)
Sizes: Range 1/2" - 2"

Rod Coupling



Part #HANRC
Sizes: 3/8" & 1/2"

Band Iron



Part
#HANBIB (Black)
#HANBIC (Copper)
#HANBIG (Galvanized)

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HANGERS

Ceiling Plate



Part
#HANCPB (Black)
#HANCPG (Galvanized)

Beam Clamp



Part #HANCCsize
Sizes: $\frac{3}{8}$ " & $\frac{1}{2}$ "

$\frac{3}{8}$ " Side Angle Knee Bracket



Part #HANKB

Side Beam Bracket



Part #HANSBB
Sizes: $\frac{3}{8}$ " & $\frac{1}{2}$ "

Flat Steel Washer



Part #HANW
Sizes: $\frac{3}{8}$ " - $\frac{3}{4}$ "

Steel Nut



Part #HANN
Sizes: $\frac{3}{8}$ " - $\frac{3}{4}$ "

Double Expansion Shield



Part #HANDES
Sizes: $\frac{3}{8}$ " - $\frac{1}{2}$ "

Drop-In Anchors (Zinc Plated)



Part #HANDI
Sizes: $\frac{1}{2}$ ", $\frac{3}{8}$ "

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Threaded Rod (6 feet)



PART# HANTR

Sizes: $\frac{1}{2}$ " - 1"



KINDORF

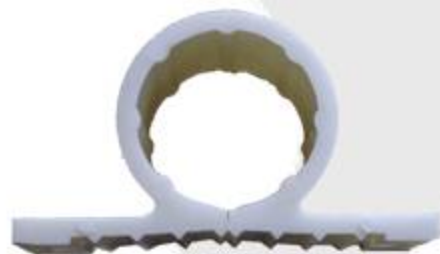


Available in:

$\frac{3}{4}$ " x 10 Feet..... HANK3410

1 $\frac{1}{4}$ " x 10 Feet (XH)... HANK11410

Pipe Clamp



Part #HANPTHCSize

Sizes: $\frac{1}{2}$ ", $\frac{3}{4}$ "

Metal Stud Insulator



Part #HANPSsize

Sizes: $\frac{1}{2}$ ", $\frac{3}{4}$ ", 1"

Suspension Clamp



Part #HANPSCsize

Sizes: $\frac{1}{2}$ ", $\frac{3}{4}$ ", 1"

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BLACK MALLEABLE FITTINGS

BLACK MALLEABLE FITTINGS BLACK MALLEABLE



90° Elbow

Part #M014BE
Sizes: 1/2" - 4" &
Reducing Sizes



45° Elbow

Part #M014B45
Sizes: 1/2" - 4"



Street Elbow

Part #M014BSE
Sizes: 1/2" - 4"



Street 45

Part #M014BS45
Sizes: 1/2" - 4"



Coupling

Part #M014BC
Sizes: 1/2" - 4"



Reducer

Part #M014BR
Sizes: 1/2" - 4"



Union

Part #M014BU
Sizes: 1/2" - 4"



Cap

Part #M014BCA
Sizes: 1/2" - 4"



Tee

Part #M014BT
Sizes: 1/2" - 4" &
Reducing Sizes



Plug

Part #M014BP
Sizes: 1/2" - 4"

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GALVANIZED MALLEABLE FITTINGS



90° Elbow

Part #M014GE
Sizes: $\frac{1}{2}$ " - 2 $\frac{1}{2}$ "



45° Elbow

Part #M014G45
Sizes: $\frac{1}{2}$ " - 2"



Street 45° Elbow

Part #M014GS45
Sizes: 1 $\frac{1}{4}$ " - 2"



Tee

Part #M014GT
Sizes: $\frac{1}{2}$ " - 2"



Coupling

Part #M014GC
Sizes: $\frac{1}{2}$ " - 2 $\frac{1}{2}$ "



Reducer

Part #M014GR
Sizes: 2x1- $\frac{1}{2}$ "



Plug

Part #M014GP
Sizes: $\frac{1}{2}$ " - 4"



Union

Part #M014GU
Sizes: $\frac{1}{2}$ " - 2 $\frac{1}{2}$ "

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CAST IRON STEAM FITTINGS



Steam Elbow
Part #014SEsize
Sizes: 1" - 4"



*UL# FM
LISTED APPROVED

Steam Tee
Part #014STsize
Sizes: 1" - 4"



Reducing Elbow
Part #014STsize
Sizes: 1" - 4"



Reducing Tee
Part #014STsize
Sizes: 1" - 4"



45 Degree Elbow
Part #014S45size
Sizes: 1/2" - 4"



Heel Tee
Part #014STsize
Sizes: 1" - 4"



Steam Coupling
Part #014SCsize
Sizes: 1" - 4"



Bull Head Tee
Part #014STsize
Sizes: 1" - 4"

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CAST IRON FLANGED FITTINGS



Flanged Tee



Part #CIFT
Sizes: 2 1/2" - 8"

Flanged Union Threaded



Part #014SFU
Sizes: 1 1/2" - 4"

Flanged 90



Part #CIF9
Sizes: 2 1/2" - 8"

Flanged 45



Part #CIF45
Sizes: 2 1/2" - 8"

Cast Iron Threaded Companion Flanges #125



Part #014CF
Sizes: 2" - 6"

Flanged Reducing Tee



Part #CIFsize
Sizes: 2 1/2" - 8"

Concentric Reducer



Part #CIFCRsize
Sizes: 2 1/2" - 8"

Reducing Elbow



Part #CIF9size
Sizes: 2 1/2" - 8"

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CARBON FORGED STEEL FLANGES

150 lbs. & 300 lbs.

*Available in:
Raised Face
Flat Face*

*Available in:
Raised Face
Flat Face*



SLIP ON
1L1S (150lbs.)
1L3S (300lbs.)



WELD NECK
1L1W (150lbs.)
1L3W (300lbs.)



THREAD
1L1T (150lbs.)
1L3T (300lbs.)



BLIND
1L1B (100lbs.)
1L3B (300lbs.)



LAP JOINT
1L1L (150lbs.)
1L3L (300lbs.)



SOCKET WELD
1L1K (150lbs.)
1L3K (300lbs.)

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CARBON SEAMLESS STEEL WELDING FITTINGS



90 Elbow L Radius



Part #1F9LS
Sizes: $\frac{1}{2}$ " - 10" &
REDUCING SIZES

Forged Steel O-Lets



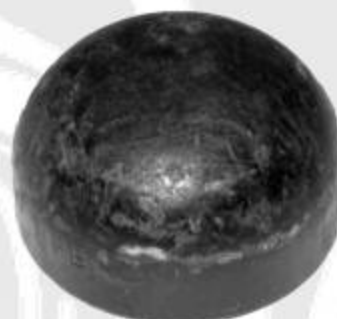
Part #OT
Sizes: 1 $\frac{1}{4}$ " - 8"

45 Elbow L Radius



Part #1F4LS
Sizes: $\frac{1}{2}$ " - 10"

Cap



Part #1FCS
Sizes: $\frac{1}{2}$ " - 10"

Tee



Part
#1F7S (STD)
#1F7R (REDUCING)
Sizes: 2" - 12"

Concentric Reducer



Part #1FRC
Sizes: 2" - 12"

Eccentric Reducer



Part #1FRE
Sizes: 2" - 12"

90 Elbow S Radius



Part #1F9SS
Sizes: 1" - 10"

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PVC FITTINGS



90° Elbow

Part# PVCsize
Sizes: 1 1/2" - 6"



45° Elbow

Part# PVC45size
Sizes: 1 1/2" - 6"



Street Elbow

Part# PVCSEsize
Sizes: 1 1/2" - 6"



Return Bend

Part# PVCRBsize
Sizes: 1 1/2" - 6"



Ty

Part# PVCTYsize
Sizes: 1 1/2" - 6", &
Reducing sizes



Wye

Part# PVCYsize
Sizes: 1 1/2" - 6", &
Reducing sizes



Double Wye

Part# PVCDYsize
Sizes: 1 1/2, 2, 3, 4, 6, &
Reducing sizes



Coupling

Part# PVCCsize
Sizes: 1 1/2, 2, 3, 4, & 6



Reducing Coupling

Part# PVCRSsize
Sizes: 1 1/2" - 6" reducing
sizes



Female Adapter

Part# PVCFAsize
Sizes: 1 1/2" - 6"

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Male Adapter

Part #PVCMAsize
Sizes: 1 1/2" - 6"



Trap Adapter

Part #PVCTAMsize (male)
#PVCTAFsize (female)
Sizes: 1 1/2" & 1 1/2" x 1 1/4"



Clean-Out Adapter

Part #PVCCOAsize
#PVCCOAWPsize w/ Plug
Sizes: 1 1/2" - 6"



LA Trap

Part #PVCLATRPsize
#PVCLAWADPsize (w/ adapter)
#PVCLA2 (2" w/ union)
Sizes: 1 1/2", 2", & 1 1/2" x 1 1/4"



Clean-Out Tee w/ Plug

Part #PVCCOTsizeWP
Sizes: 1 1/2" - 6"



PVC Ball Valve

Part #PVCBVsize
Sizes: 1 1/2" - 4"



Toilet Flange

Part #PVCFF4PI.....4" PVC Push-In Floor Flange
#PVCFMRH43...4x3 PVC Metal Ring Floor Flange Hub Male
#PVCFMRH44...4x4 PVC Metal Ring Floor Flange Hub Male
#PVCFMRS43...4x3 PVC Metal Ring Spigot Floor Flange Female



SCH40 PVC Pipe

Part #PVCPSize
Sizes: 1 1/2" - 6" x 10ft.

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Plastic Washing Machine Box w/Valves



Part#WMB

PVC SPECIALTIES



**All Plastic
Snap Drain**



**General Purpose
Drain**



**Plastic Snap-In Drain
w/ Removable
Stainless Steel
Strainer**



**Shower Drain For
Tile Shower
Bases**



**No-Calk Shower
Base Drain**



Bell Trap Drain



**Offset Closet Flange
w/ Metal Ring**



**Level Fit Closet
Flange w/ Metal Ring**



Backwater Valve

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FAUCETS

TUBULAR SPECIALTIES
TRAPS
SUPPLY TUBES
VALVES - STOPS
HANDLES - SHOWER BODY
STEMS
REPAIR PARTS
SHOWER HEADS - SPOUTS
CLASSIC BRASS
EURO SERIES
METRO-LINE

FAUCETS

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FAUCETS

TUBULAR SPECIALTIES
TRAPS
SUPPLY TUBES
VALVES - STOPS
HANDLES - SHOWER BODY
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**TUBULAR
SPECIALTIES™**

Extension with Nut



Part #TUBSJPCsize (Polish Chrome)
#TUBSJRBsize (Rough Brass)
Sizes: 1 1/4 x 8, 1 1/4 x 12, 1 1/2 x 8, 1 1/2 x 12

Offset



Part #TUBOSPCsize (Polish Chrome)
#TUBOSRBsize (Rough Brass)
Sizes: 1 1/4 & 1 1/2

TBE Tube



Part #TUBTBEPCsize (Polish Chrome)
#TUBTBERBsize (Rough Brass)
Sizes: 1 1/4 x 8, 1 1/4 x 12, 1 1/4 x 18,
1 1/2 x 12, 1 1/2 x 18, 1 1/2 x 24

Zinc Nuts



Part #TUBZNPC114 (1 1/4" Polish Chrome)
#TUBZNRB112 (1 1/2" Rough Brass)

1 1/2" RB Waste Bend



Part #TUBWBsize
Sizes: 6" - 36"

Dishwasher Tailpiece



Part #TUBDTHE

1 1/2" Tailpiece



Part #TUBTPRBsize (Rough Brass)
Sizes: 6" - 18"

Quick Hook-Up



Part #TUBQHsize
Sizes: 1 1/2 x 12, 1 1/2 x 24, & 1 1/4 x 24

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TUBULAR SPECIALTIES™

1 1/2" Slip Elbow



Part #TUBSEPCsize
Sizes: **4" - 12"**

1 1/2" Tubular P-Trap



Part #TUBPTPC112WCO (w/ clean-out)
#TUBPTPC112 (less clean-out)

1 1/2" S-Trap



Part #TUBST112

1 1/2" Utility P-Trap



Part #TUBUPTWC (w/ clean-out)
#TUBUPTLC (less clean-out)

Bazooka



Part #TUBBOZ24

Polywasher



Part #TUBPW

Washing Machine Tee

IPS Style



Part #WTI

Washing Machine Tee

Slip Style



Part #WTC

1 1/2" Cast Brass Slip Tee

w/ Nuts & Washers



Part #BST

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New York Traps



Part #TRP2112..... **2 x 1 1/2** RB w/ Clean-Out
 TRP112114..... **1 1/2 x 1 1/4** RB w/ Clean-Out
 TRPNY112... **1 1/2 x 1 1/4** CP w/ Clean-Out

1 1/2" R.B. Low Seal Trap



Part #TRPF112

2X 1 1/2" R.B. Swing Tee Trap



Part #TRPST

LA Traps



Part #TRPLALR
1 1/2 RB Less Clean-Out #TRPLALRS
1 1/2 RB w/ Clean-Out CxC X Slip #TRPLA2112WR
2 x 1 1/2 RB w/ Clean-Out #TRPLAWC
1 1/2 x 1 1/4 CP w/ Clean-Out

Brass Compression Coupling



Part #BCCsizeS (short)
 #BCCsizeL (long)
 Sizes: **1/2" - 2"**

Cast Brass Shower Nut



Part #WN

Slip Nuts



Part #SNRBSize (rough brass)
 #SNPCsize (polish chrome)
 Sizes: **1 1/4, 1 1/2, & 1 1/2 x 1 1/4**

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1 1/2" STAINLESS STEEL GRAB BARS

Stainless Steel Satin Finish



Concealed Flanges

PART #GBsize
Sizes: 12" - 48"

Polish Chrome Grid Drain



PART #GSBPC

Polish Chrome Offset Grid Drain



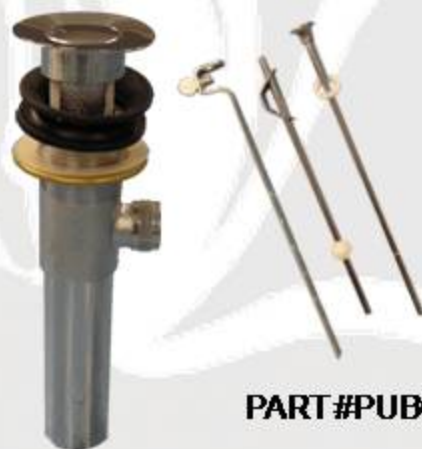
PART #GSOF

Polish Chrome P.O. Plug w/ Rubber Stop



PART #POPBPC

Polish Chrome Lavatory Pop-up



PART #PUBCP

Bath Trip Waste w/ Cast Shoe Polish Chrome



PART #TW

Standing Waste (Universal) Polish Chrome



PART #SW

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Delta Supply Tube



Part #: MSDLPCsize
Sizes: 12" & 20"

Tank Supply Tube



Part #: MSTPCsize
Sizes: 12" & 20"

Lavatory Supply Tube



Part #: MSLSPCsize
Sizes: 12" - 36"

Stainless Steel Flexible Lavatory Supply



* **Delta Style also available**

Part #: MFSLsize
Sizes: 12" - 72"
Part #: MFSLDsize (Delta Style)
Sizes: 12" & 20"

Stainless Steel Flexible Tank Supply



Part #: MFSTsize
Sizes: 12" & 20"

Stainless Steel Extension



Part #: MFSLEsize
Sizes: 12" - 60"

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Washing Machine Valve



Cast Brass Duo-Closing—
Washing Machine Valve—
Combination $\frac{1}{2}$ " MIP $\frac{1}{2}$ " Solder Inlet

Part #WMV

$\frac{1}{2}$ " x $\frac{3}{8}$ " Ball Type Straight Speedy Valve



Part #BSVS12B380

Ball Type Angle Speedy Valve



Part
#BSV12C380... $\frac{1}{2}$ " C x $\frac{3}{8}$ " OD
Ball Angle Speedy Valve
#BSV12B380... $\frac{1}{2}$ " IPS x $\frac{3}{8}$ " OD
Ball Angle Speedy Valve

Compression Adapter Tee-Valve



Part #COMTsize
Sizes: $\frac{3}{8}$ " x $\frac{3}{8}$ " & $\frac{1}{2}$ " x $\frac{1}{4}$ "

$\frac{1}{2}$ " x $\frac{3}{8}$ " OD Angle Speedy Valve w/ Extension Piece



Part #BSV12C380WPCE

Polish Chrome Angle Stop



Part
#SA12C380 (Cx C)
#SA12B380 (IPS)

$\frac{1}{2}$ " IPS x $\frac{3}{8}$ " OD Polish Chrome Straight Stop



Part #SSS12B380

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Gerber Style Sleeve



Part #GSLV

6" PC Shower Arm



Part #SHWA6

Gerber Style Deck Stem



Part#
STMG15H (HOT)
STMG15C (COLD)

Gerber Style Seat



Part #GS

Polish Chrome Universal Handles



Part #CHU

Gerber Style Wrist Blade Handle



Part #GWBH

Gerber Style Faucet Handle



Part #GFH

Gerber Style Shower Handle



Part #GSH

Gerber Style Close Couple Kit



Part #CCKG

Rebuild Kit for Gerber Style 3 Valve Shower Body

- Contents of Kit
- 2-Gerber Style Shower Stem
 - 1-Gerber Style Diverter Stem
 - 3-Gerber Style Seats
 - 3-Gerber Style Sleeves
 - 3-Gerber Style Escutcheons
 - 2-Gerber Style Long Broach Handles
 - 1-Gerber Style Long Broach Diverter Handle

**G3VK
Rebuild
Kit**

Part #G3VK

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Savoy Style Shower Stem



Part #STMSSHW

Savoy Style Shower Stem

w/ Sleeve



Part #STMSSHWWS

Price Pfister Style Shower Stem



Part #STMPSHW

**Price Pfister Style
Diverter Shower Stem**



Part #STMPDSHW

Gerber Style Shower Stem



Part #STMG23

Gerber Style Diverter Stem



Part #STMG458

Central Style Shower Stem



Part #STMCSHW

Central Style Diverter Stem



Part #STMCSHWD

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Metal Tank Handle



Part #THM



Gerber Style Escutcheon



Part #GSESC

Cast Brass Spuds



Part #SPUDsize
Sizes: 1 1/2", 1 1/2" x 1 1/4",
1 x 3/4", 2 x 1 1/2", 2 x 1 1/4"

Escutcheon Chrome Plated



Part#
ESCsizeC (Copper)
ESCsizeI (IPS)
Sizes: 1/2" - 2"

Escutcheons F&C Plates Split Ring PC



Part #FCPsize
Sizes: 3/8" - 2 1/2"

Basin Cock



Part #SBC (HOT/COLD)

Liquid Soap Dispenser



Part # LSD

Jolly Bolts



Part # JB

Rubber Flapper



Part # FRP

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Vacuum Breaker



Part #FLVBI

Trip Lever Face Plate



Part #TLFP

Cast Brass Shower Head

Polish Chrome



Part#
SHS Small
SHM Medium
SHL Large

Plastic Shower Head

Polish Chrome



Part #SHP

Die Cast Spout Polish Chrome



Part#
TSDC
Tub Spout Die Cast
TSDCWD
Tub Spout Die Cast w/ Diverter

Solid Cast Brass Spout

Polish Chrome



Part#
TSSCB
Tub Spout Solid Cast Brass
TSSCBWD
Tub Spout Solid Cast Brass w/ Diverter

Jiffy Shower Bar Flanges



Part #JSBF

7 Piece Socket Set



Part #SC7P

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Classic Brass[®]



Pressure Balance Tub & Shower Set

European Styling

- Scald Guard
- Temperature Limit Stop
- Pressure Balanced
- Ceramic Cartridge
- Integral Stops
- Brass Waterway
- Single Lever **Loop Handle**
- Massage Shower Head
- CP Brass Shower Arm
- Die Cast Zinc Tub Spout
- Available for Back-to-Back Installations



Part #TSPB100C

*** with Integral Stops**

3-Valve Bath & Shower Set

- Brass Water Way
- Brass Shower Arm
- Plastic Shower Head
- Die Cast Zinc Tub Spout
- Three Handles



Part #3VBS

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EURO SERIES[®]

The *EURO SERIES* has a unique and simple design, bringing classic elegance to your bath at affordable prices.

Tub & Shower Set



Part #ESTS



4" Center Set with pop-up



Part #ES4

Widespread Faucet Lavatory with pop-up



Part #ES8

Classic Brass[®] Utility Rinse Faucet



Part #URF123

Kitchen Faucet w/Spray



Part #ESKS

Bar Faucet



Part #ESBF

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Classic Brass[®]



8" PC Deck Faucet Single Lever

Part #KS100



Kitchen Deck Faucet

Part #HGK



8" PC Washerless Deck Faucet

Part #K8WC



8" PC Pull-Out Deck Faucet Single Lever

Part #KSPOS



8" PC Deck Faucet w/ Loop Handle

Part #KSL



* with Loop Handle

4" PC Laundry Tub Faucet w/ IPS Spout

Part #4LT



Wall Mount Faucet w/ Soap Dish

Part #WMF312- 12"
#WMF308- 8"



Service Sink Faucet (Heavy Duty)

Part #SSF350



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Classic Brass

4" PC Washerless Center Set w/ Pop-up



PART# 4WWC

4" PC Brass Center Set w/ Pop-up



PART# 4WG

4" PC Washerless Single Handle w/ Pop-up



PART# 4WSM

4" PC Center Set Loop Handle w/ Pop-up



*** with Loop Handle**

PART# 4WSL

4" PC Wrist Blade Faucet Less Pop-up



PART# 4WB

Gooseneck Center Set Wrist Blade Handle Less Pop-up



PART# 4BFWB

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METRO LINE™



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NOTES

DATE	DESCRIPTION

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FIXTURES

DIAMOND SINKS™
KINGSMAN™
UNDERMOUNT
PEDESTAL SINKS
CLASSIC CABINETS™
CERAMIC SANITARY LAVATORIES
TOILETS & URINALS

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FIXTURES

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TOILETS & URINALS

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DIAMOND SINKS™



STAINLESS STEEL SINKS

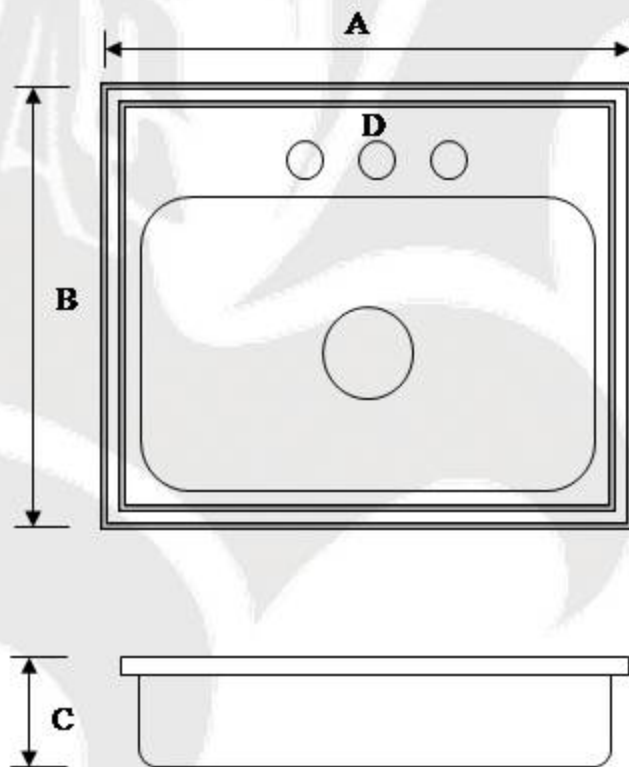


Features:

- Exposed surfaces are polished to a lustrous, highlighted bright satin finish.
- **IT'S HYGIENIC.** When hygiene counts, stainless is the metal of choice. Many hospitals and other sterile environments prefer stainless. Stainless is the preference for the food preparation industry, restaurants and kitchens.

The Sound Guard Undercoating covers the bottom of the bowls to eliminate noise and vibration.

A	B	C Depth	D Holes
15"	15"	6"	2
15"	15"	6"	3
15"	15"	8"	3
22"	17"	6"	3
25"	22"	6"	3
25"	22"	6"	4
25"	22"	8"	3
25"	22"	8"	4
33"	22"	6"	3
33"	22"	6"	4
33"	22"	8"	3
33"	22"	8"	4



* Faucets are sold separately

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DIAMOND SINKS

STAINLESS STEEL UNDERMOUNT SINK

KINGSMAN

- *Single Bowl*
- *Size 23.5" X 21" X 9"*
- *9" Deep*
- *18Gauge Stainless Steel*
- *Mirror rim / Luster bowl finish*
- *Fits 30" Cabinet*

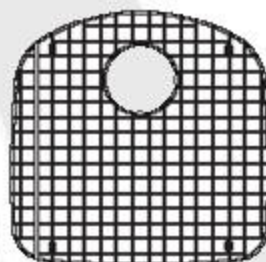
Part #SNK235219



Also Available:

BOTTOM GRID

Part #SNKBGD



42" STAINLESS STEEL SINK TOPS



← Left Hand

Right Hand →



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UNDERMOUNT SERIES



HUGO™



Part # SNKU3151810
Size: 31.5" x 18" x 10"

BAILEY™



Part # SNKU23178
Size: 23" x 17" x 8"

BALBOA™ DOUBLE BOWL (Same Size)



Part # SNKU325188
Size: 32.5" x 18" x 8"

FRANKEL™ DOUBLE BOWL (Big & Small)



Part # SNKU321887BS
Size: 32" x 18" x 8"

Stainless Steel Duo Strainer



Part #DSC

Stainless Steel Cup Style Duo Strainer



Part #DSCC

Cast Brass Excellent Duo Strainer



Part #DSCXL

Stainless Steel Flat Strainer

Part #DSCS



Stainless Steel Mesh Strainer

Part #MSM... 2 3/4" (Medium)
MSL... 4 5/8" (Large)



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PEDESTAL SINKS



Ariel™ 22" x 18"
4" Spread Lavatory



Diana™ 26" x 20"
4" Spread Lavatory



Bianca™ 20" x 18"
4" Spread Lavatory



Georgia® 24" x 19"
4" or 8" Spread Lavatory

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PEDESTAL SINKS



Opel™

22" x 17"
4" Spread Lavatory



Venus™

27" x 19"
4" & 8" Spread Lavatories



Ivy™

24" x 20"
4" Spread Lavatory



Corine™

22" x 18"
Corner Pedestal

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Misha Vanity

Part #	Description
VANMISHAVC	Misha Vanity Cherry Cabinet
VANMISHAVM	Misha Vanity Mahogany Cabinet
VANMISHATW	Misha White Cabinet Top

Part #	W	D	H
VANMISHAVC	24"	18"	31"
VANMISHAVM	24"	18"	31"
VANMISHATW	26"	19"	



Luxor Vanity

Part #	Description
VANCL2418C	Luxor Vanity Cherry Cabinet
VANCL1816C	Luxor Vanity Cherry Cabinet
VANCL2418M	Luxor Vanity Mahogany Cabinet
VANCL1816M	Luxor Vanity Mahogany Cabinet

Part #	W	D	H
VANCL2418C	24"	18"	31"
VANCL1816C	18"	16"	31"
VANCL2418M	24"	18"	31"
VANCL1816M	18"	16"	31"

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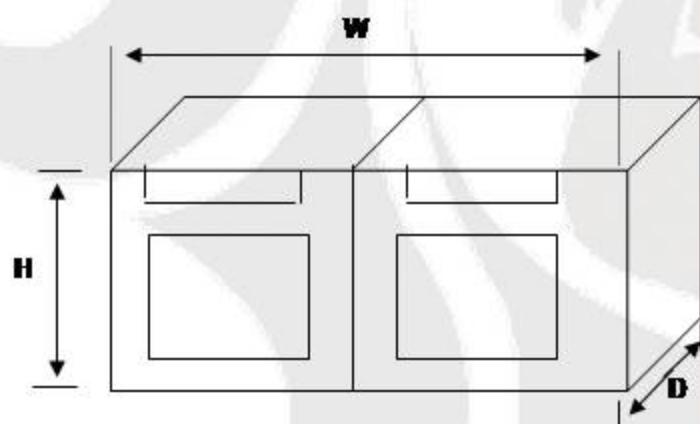


Vanity Cabinet

* Extra Heavy Plywood Construction

Part#	Description
VANC1816	Oak 18x16 Vanity Cabinet
VANC2418	Oak 24x18 Vanity Cabinet
VANC1816W	White 18x16 Vanity Cabinet
VANC2418W	White 24x18 Vanity Cabinet
VANC2421W	White 24x21 Vanity Cabinet

Type	W	D	H
1 & 2 Door	18	16	30
1 & 2 Door	24	18	30
2 Door	24	21	30



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Europa™



Part #EUROPA
Sizes: 36" x 21.3" x 38.6"

Dolly™



Part #DOLLY
Sizes: 26.18" x 21.3" x 38.6"

Cultured White Marble Tops



Part#	Description
VANT1917W	19x17 White Marble Top
VANT2519W	25x19 White Marble Top

Medicine Cabinets



Part#	Description	Color
MC1417O	14"W x 17"H x 3.5" D	Oak
MC1722O	17"W x 22"H x 3.5" D	Oak
MC1417W	14"W x 17"H x 3.5" D	White
MC1722W	17"W x 22"H x 3.5" D	White

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CERAMIC SANITARY LAVATORIES



Wall Mount Sink
Part #POTSsizeW
Sizes: 17"x14", 18"x16"



Zen
Part #ZEN Size: 19"x15"



Glory
Part #GLORY4 Size: 19"
*Self-Rim Drop-In



Cleopatra
Part #CLEOPATRA Size: 18"



Flora
Part #POTFW Size: 22"x17"
*Self-Rim Drop-In



Jade
Part #JADE Size: 18"



China White Vanity Top
Part #POTSsizeTW
Sizes: 19"x17", 25"x19", 25"x22"



Undercounter Lavatory
Part #CATO Size: 17"x14"

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TOILETS & URINALS



Lily™

Part #LILY
White 1 Piece Toilet
w/Seat and Mechanism



Sparta

Part #SPARTA
Size: 17.9" x 11.8" x 27.6"

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Tools & Accessories



Wood Spade Bits



Part #WSBsize
Sizes: $\frac{3}{4}$ " - 1 $\frac{1}{4}$ "

Tubing Cutter



Part#
TCMIN...Mini
TCM....Medium
TCL.....Large

Pipe Wrench



Part #HTPWsize
Sizes: 10" - 36"

Bolt Cutter



Part #BC

Hammer



Part #HAM

Rubber Mallet



Part #MAL

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6Ft. Stainless Steel Metal Washing Machine Hose



Part #MFSWM6

Rubber Washing Machine Hose



Part #WMHsize
Sizes: 4" - 12"

Washing Machine Mixing Hose



Part #WMMY

Double Shut-Off



Part #WWDYSO

Kitchen Spray



Part #SPRAY

Metal Hose Spray



Part
#GIL593 Rubber Handle
#GIL573 Metal Handle
#GIL571 Yellow Handle

Rubber Hose Coupling



Female Coupling



Male Coupling

Part
#WWCF
#WWCM

Rubber Hose Union



Part #WWU

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Stricker



Part #STR

Aqua Stat Wells



Part
#CWAsizeL (long)
#CWAsizeS (short)
Sizes: 1/2" & 3/4"

Tephlon Tape



Part
#TTsize520
Sizes: 1/2" & 3/4"

Pads



Part #PADS

Dope Brush



Part #DB

Acid Brush



Part #AB

Copper Tubing Brush



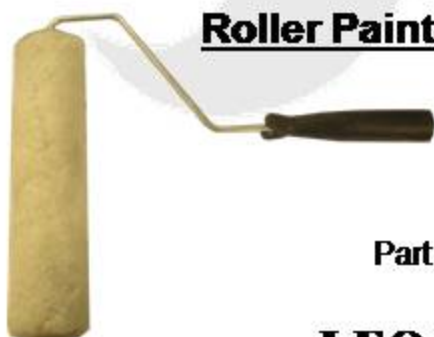
Part #CTBsize
Sizes: 1/2" - 2"

Wood Brush



Part #H9size
Sizes: 1" - 4"

Roller Paint Brush



Part #HR9

Caulking Gun Metal



Part #CG



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Radiator Spud Wrench



Part #RSW

4-Way Sill Cock Key



Part #4WSCK

4-Way PO Plug Wrench



Part #4WPOPW

Angle Seat Wrench



Part #ASW

Hydrant Adapter



Part #HYDA34

Galvanized Pipe Repair Clamps

with bolts/rubber



Part #PRCsize

Sizes: $\frac{1}{2}$ " - 2"

Pipe Floor Flange



Part #M014BFsize

Sizes: $\frac{1}{2}$ " - 2"

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4" Brass Floor Flange



Part #BFF4

4" Brass Deep Floor Flange



Part #BFF4D

4" Brass Offset Floor Flange



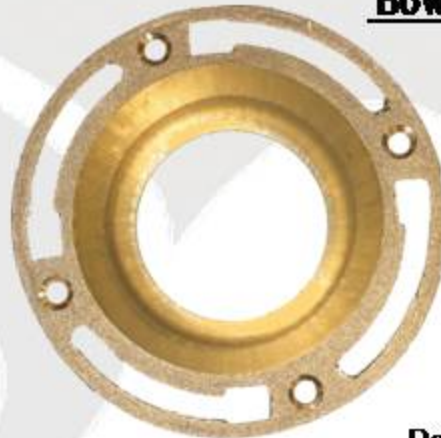
Part #BFF4OS

4x3 Brass Floor Flange Lead Style



Part #BFF43L

**4x3 Brass Floor Flange
Bowl Style**



Part# BFF43

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ROTO TOOL™



U-Cutter



Part #RTUCsize
Sizes: 2" - 4"

1 1/2" U-Cutter



Part #RTsizeUC

Cable Side Cutter Blade



Part #RTSCBsize
Sizes: 2" - 4"

3/8" Side Cutter Blade 1 1/4" OD



Part #RT114SCB

3/8" Boring Gimlet



Part #RTBG

3/8" Down Head Boring Gimlet



Part #RTDHBG

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3/8" Arrow Head Starting Drill



Part #RTAH

3/8" Flexible Arrow Head



Part #RTFAH

3/8" Down Head Fitting



Part #RTDHF

Closet Auger



Part #	Description	Sizes
RTCAsizeF	Closet Auger Regular Head	3FL & 6FL
RTCAsizeDH	Closet Auger Down Head	3FL & 6FL

Cable



Part #	Description	Sizes
RTCsize	Cable Regular Head	1/4" x 25' & 1/4" x 50'
RTCsizeDH	Cable Down Head	1/4" x 25' & 1/4" x 50'
RTCsizeDDH	Cable Double Down Head	1/4" x 25' & 1/4" x 50'
RTCsizeFC	Cable w/ Female Connector	3/8" x 25' & 3/8" x 35'
RTCsizeMFC	Cable w/ Male & Female Connector	1/2" x 25' & 1/2" x 50'

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SUN-RAY / SUN-RAD®
LOW-RAY®

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PEX-RAY



FIRE PROTECTION PRODUCTS
FITLOK®

FITLOK

PRIME FLOW™

VALVES

AMSAM™

FITTINGS



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