Sai

SCIENTIFICALLY ADVANCED INTERIORS

LABORATORY COUNTERTOPS
SINKS & FIXTURES

LABORATORY COUNTERTOPS

Stainless Steel Tops

All stainless steel worksurfaces and integral sink bowls are 16 gauge Type 304 stainless steel with a #4 satin finish.

Style 316 stainless steel can also be provided if required.

Maximum Length of Top : 99"
Maximum Depth of Flat Top : 46"
Maximum Depth of Top with standard sink : 42"

S.S. Sinks(Integral) : Tops having an integral sink bowl have a beaded edge. Each Stainless Steel sink bowl is 20" wide, 17" front to back and 7" deep. Sinks can be customized different sizes as per requirement.

S.S. Sinks(Loose) : Please select from the options given on Page5

Epoxy Tops

Epoxy Resin Work surfaces are molded in large monolithic sections and fabricated to required specification.

Epoxy Tops unique molding process includes a special curing stage that ensures complete chemical reaction throughout the material to create a uniform worksurface of the highest quality. Almost any work surfaces can be configured using the components found in any of our styles.

Standard Color : Black

Other Colors Available : Grey, Graphite, Forest Green, Dark Khaki, Pearl, Platinum, Pacific Blue, Ivory, Sand,Bronze, Alpine White, Steel Blue, Pewter.

Price varies based on color selected.

Maximum Length of Top : 97"
Maximum Depth of Flat Top : 60"

Epoxy Sinks : Epoxy drop-in or under mount sinks comes in many shapes and sizes. Can be selected from Page 6

Phenolic Tops

Standard Grade Phenolic is the multi-purpose surfacing solution made for general applications such as shelving, technical stations, light-duty work-surfaces and wall cladding. Standard Grade top is the base composition for Chemical Resistant top and fired rated top. While Chemical Resistant SPC is comprised of an additional layer to resist a variety of acids, solvents, general reagents and cleaning agents, fire rated phenolic top has fire retardant properties that are suitable for applications where fire rated properties are required by building codes

Stock Colors : Black, Fashion Grey, Designer White

Other Colors Available : Alabaster, Grey, North Sea, Wallaby , Haze, Pepperdust ,Shadow, Amazon, Hunter Green , Atlantis, Brittany Blue.

Price varies based on color selected.

Maximum Length of Top : 97"
Maximum Depth of Flat Top : 60"

Plastic Laminated- Chemsurf

Generally used for most laboratory applications wherein chemicals are used. A special resin formulation is applied over the decorative surface paper to achieve chemical resistance. The decorative paper is treated with melamine resin; and the core is composed of kraft papers impregnated with phenolic resin. These sheets are then bonded at high pressure, trimmed and the backs sanded to facilitate bonding.

Standard Color : Black

Other Colors Available : Almost all colors available on general purpose plastic laminate. Please contact our sales team .

Maximum Length of Top : 96"
Maximum Depth of Flat Top : 48"

Plastic Laminated- Basic

Generally used for applications not involving any chemicals use. Manufactured using particle board core with general purpose plastic laminate, these tops are not widely used for laboratories. Some designers, however use these tops for physical tests(not involving any chemicals) .

Standard Color : Many Colors Available. Contact our sales team for details.

Maximum Length of Top : 96"
Maximum Depth of Flat Top : 48"

Counter Tops Styles
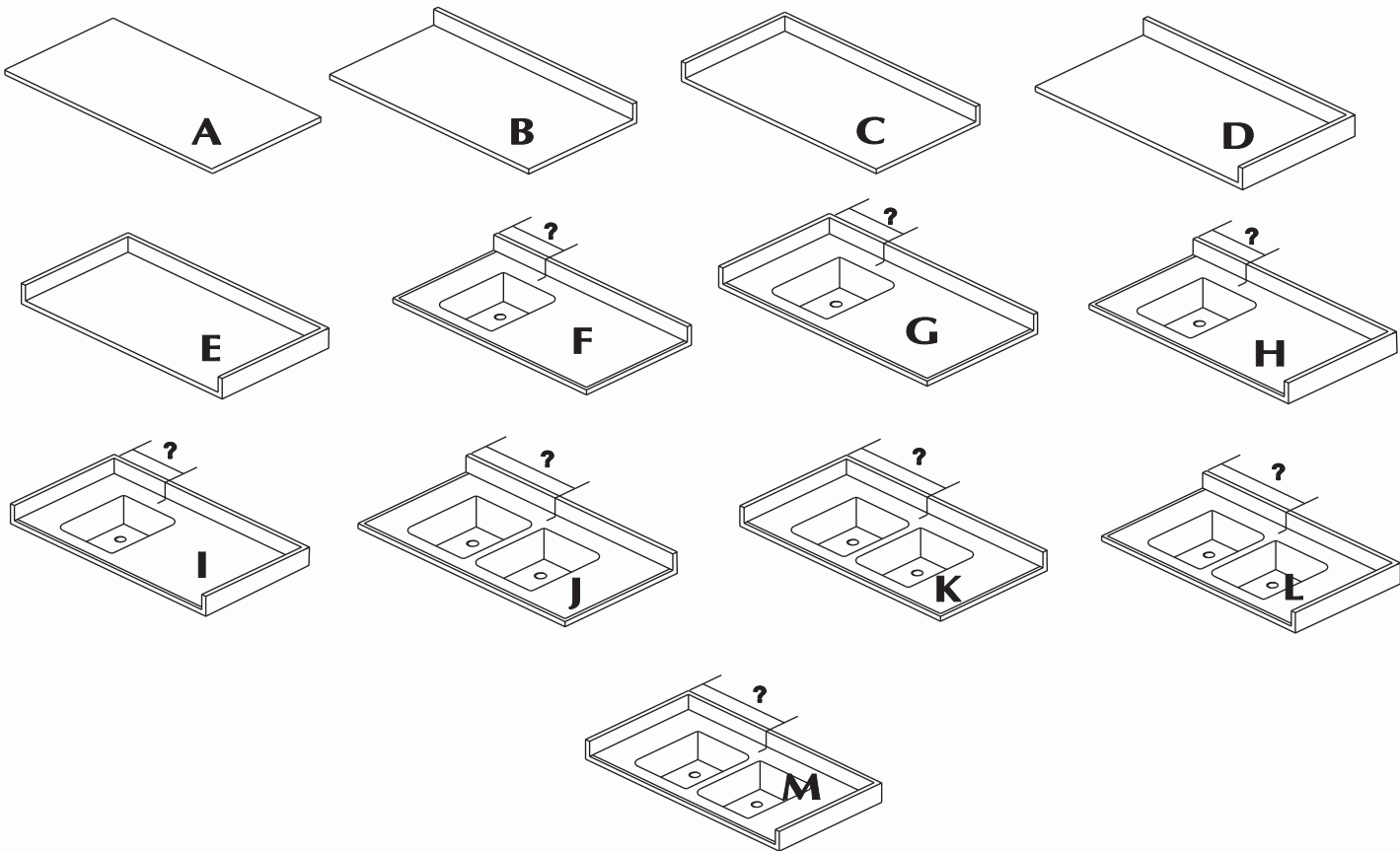
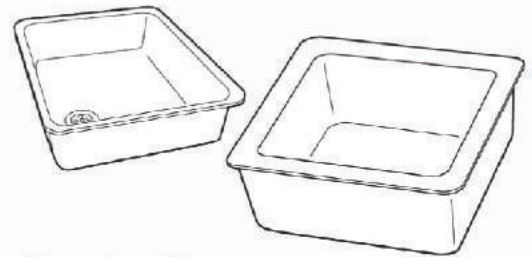# DropIn Sinks

Sink No.	Outlet	Wgt (lb)=	Dimensions (in)				
			Inside Bowl			Outlet Location	
			Length	Width	Depth	X	Y
D01C	Center	9	9.0	6.0	5.9	4.5	3.0
D03C	Center	16	12.0	8.0	5.8	6.0	4.0
A05 ♿	Corner	18	14.0	10.0	5.0	3.5	3.5
D05	Corner	22	14.0	10.0	6.0	3.5	3.5
D05C	Center	24	14.0	10.0	6.0	7.0	5.0
D06C	Center	34	12.0	12.0	12.0	6.0	6.0
A07 ♿	Corner	24	14.0	14.0	5.0	3.5	3.5
D08	Corner	25	15.0	8.0	6.0	3.5	3.5
D09	Corner	25	15.0	8.0	10.8	3.5	3.5
D10C	Center	22	16.0	8.0	6.8	8.0	4.0
D10E	End	20	16.0	8.0	6.8	4.5	4.0
D15	Corner	30	16.0	12.0	8.0	3.5	3.5
D15C	Center	31	16.0	12.0	8.0	8.0	6.0
D19	Corner	42	16.0	16.0	9.6	3.5	3.5
D20	Corner	32	16.0	16.0	7.5	3.5	3.5
D21	Corner	53	16.0	16.0	15.0	3.5	3.5
D22C	Center	30	18.0	6.5	6.0	9.0	3.3
D24C	Center	30	18.0	14.0	10.5	9.0	6.8
A25 ♿	Corner	35	18.0	15.0	5.0	3.5	3.5
ADAM25 ♿	Corner	37	18.0	15.0	2.4	3.5	3.5
D25	Corner	39	18.0	15.0	7.9	3.5	3.5
A26 ♿	Corner	39	18.0	15.0	5/11	4.5	4.5
D30	Corner	58	18.0	15.0	10.8	3.5	3.5
D30D ☆	Corner	110	37.4	15.0	10.8	3.5	3.5
D30C	Center	50	18.0	15.0	10.8	9.0	7.5
D32	Corner	49	18.0	15.0	15.1	3.5	3.5
D33	Corner	59	21.0	17.0	10.6	3.5	3.5
D33E	End	59	21.0	17.0	9.8	4.5	8.5
D45	Corner	61	21.5	15.5	11.0	3.5	3.5
D50	Corner	54	24.0	16.0	8.3	3.5	3.5
D50C	Center	48	24.0	16.0	8.0	12.0	8.0
D51	Corner	60	24.0	16.0	9.6	3.5	3.5
D52	Corner	77	24.0	18.0	11.0	3.5	3.5
D54	Corner	45	25.0	15.0	8.0	3.5	3.5
A55 ♿	Corner	47	25.0	15.0	4.8	3.5	3.5
D55	Corner	72	25.0	15.0	10.0	3.5	3.5
ADA56 ♿	Corner	50	25.0	15.0	5/11	5.5	4.5
D57	Corner	71	25.0	15.0	13.6	3.5	3.5
D58	Corner	79	25.0	15.0	17.8	3.5	3.5
D59	Corner	74	28.0	15.0	12.0	3.5	3.5
D61	Corner	94	30.0	16.0	17.8	4.5	4.5
D65C	Center	98	35.5	19.5	9.8	17.8	9.8
D68E	End	120	30.0	16.0	10.0	4.8	8.0
D70C	Center	77	24.0	16.0	15.5	12.0	8.0
D89	Corner	79	25.0	15.0	16.0	3.5	3.5
DRS10	Center	14	10.0	10.0	7.8	5.0	5.0
DRS12	Center	18	12.0	12.0	7.8	6.0	6.0
DH20C	Center	65	29.5	Hexagon	7.0	Center	
D99	End	61	31.5	Semi-Circle	10.0	11.3	4.5

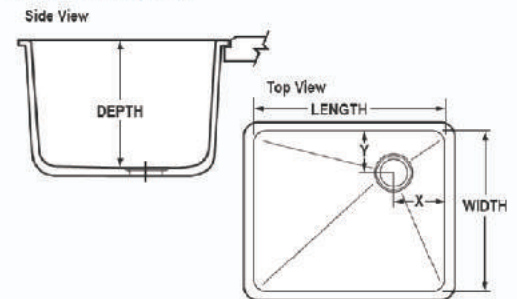☆ New Double Bowl DropIn Sink. The D30 sized bowls are molded as one to ease installation.

♿ ADA compliant sinks are designated by this symbol.

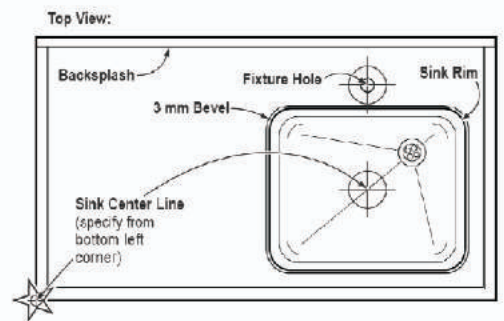All Dimensions are nominal. Cutsheets available upon request.
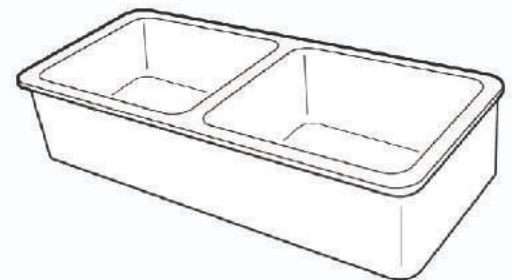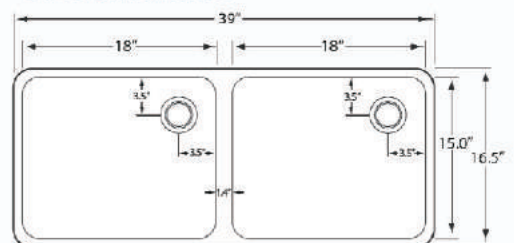
DropIn® Sink Styles

Dimensions Key

Side View

DEPTH

Top View

LENGTH

X

WIDTH

Installation Detail

Top View:

Backsplash

Fixture Hole

Sink Rim

3 mm Bevel

Sink Center Line (specify from bottom left corner)

NEW D30D DropIn®

D30D Dimensions

39"

18"

18"

3.5"

3.5"

3.5"

3.5"

15.0"

16.5"

14"

Manufacturer : Durcon

Undermount Sinks

Sink No.	Outlet	Wgt (lb)	Dimensions (in)				
			Inside Bowl			Outlet	
			Length	Width	Depth	X	Y
U03C	Center	17	12.0	8.0	6.0	6.0	4.0
U04C	Center	18	12.0	6.0	7.0	6.0	3.0
U05C	Center	22	14.0	10.0	6.0	7.0	5.0
U08C	Center	25	12.0	12.0	8.0	6.0	6.0
U05E	End	22	14.0	10.0	6.0	3.5	5.0
U10C	Center	22	16.0	8.0	7.0	8.0	4.0
U10E	End	22	16.0	8.0	7.0	3.5	4.0
U15C	Center	34	16.0	12.0	7.8	8.0	6.0
U15E	End	34	16.0	12.0	8.0	4.5	6.0
U20	Corner	39	16.0	16.0	7.5	4.0	12.0
U22C	Center	22	18.0	6.5	6.0	9.0	3.3
U23C	Center	54	16.0	16.0	12.0	8.0	8.0
U24C	Center	38	18.0	14.0	10.5	9.0	7.0
U25	Corner	40	18.0	15.0	8.0	3.5	3.5
U30	Corner	49	18.0	15.0	11.0	3.5	3.5
U30C	Center	49	18.0	15.0	11.0	9.0	7.5
U33C	Center	64	21.0	17.0	10.0	10.6	8.8
U33E	End	64	21.0	17.0	10.0	4.5	8.6
U35E	End	61	21.0	18.0	10.0	4.5	9.0
U40	Corner	47	21.3	15.5	7.0	4.0	4.0
U43C	Center	35	22.5	10.5	7.4	11.3	5.3
U45	Corner	64	21.5	15.5	11.0	4.0	4.0
U49	Corner	68	22.0	14.5	10.6	4.0	3.5
U50C	Center	54	24.0	16.0	8.0	12.0	8.0
U50E	End	54	24.0	16.0	8.0	4.0	8.0
U51E	End	59	24.0	16.0	10.0	4.5	8.0
U52E	End	77	23.6	17.6	10.8	4.0	9.0
U53E	End	85	24.4	18.4	16.8	4.3	9.3
U54	Corner	95	23.0	21.0	19.1	6.5	16.0
U55	Corner	60	25.0	15.0	10.0	3.5	3.5
U56C	Center	76	24.0	16.0	12.0	12.0	8.0
U58E	End	56	27.8	14.8	8.0	7.5	11.5
U59E	End	65	28.0	15.0	12.0	11.5	7.5
U60E	End	83	28.0	20.0	8.8	14.0	6.5
U61C	Center	108	30.0	18.0	18.0	15.0	9.0
U63E	End	75	31.0	17.0	10.0	4.0	8.5
U64C	Center	95	31.3	21.3	12.0	15.5	10.5
U65C	Center	100	35.5	19.6	10.0	9.8	17.8
U66C	Center	110	35.7	19.7	12.0	9.9	17.9
U67C	Center	195	36.0	20.0	16.0	18.0	10.0
U71C	Center	108	43.0	15.0	11.0	7.5	21.5
U72C	Center	179	43.3	15.3	16.0	7.7	21.7
U73	Corner	150	38.0	21.0	19.1	15.8	5.25
U75C	Center	126	42.0	20.0	10.0	10.0	21.0
U81E	End	100	48.8	24.6	5.6	4.0	12.2
RS05C	Center	21	11.9	Round	7.5	Center	
H20C	Center	82	30.0	Hexagon	6.9	Center	

All Dimensions are nominal. Cutsheets available upon request.

Manufacturer : Durcon

Under mount Sink Styles

Dimensions Key

SideView

DEPTH

Top View

LENGTH

Y

X

WIDTH

Installation Detail

Top View.

Backsplash

Sink Rim (under surface)

Fixture Hole

Worksurface Overhang (typ.13 mm on all sides)

Sink Center Line (specify from bottom left corner)
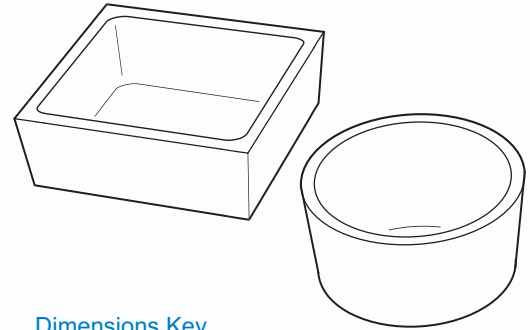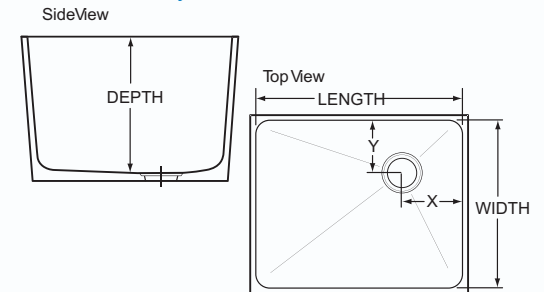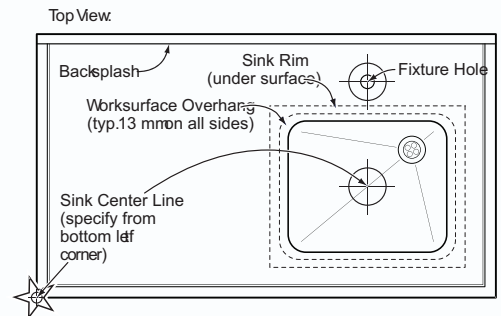
Under mount Installation Techniques

Hardware Supplied by Others
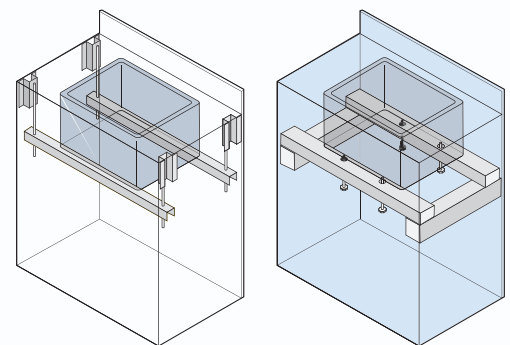
Hanging Support

Frame Support

Stainless Steel Sinks

Stainless Steel Sinks
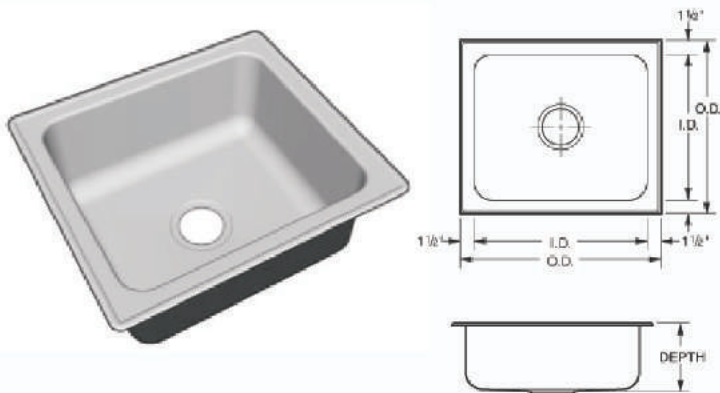
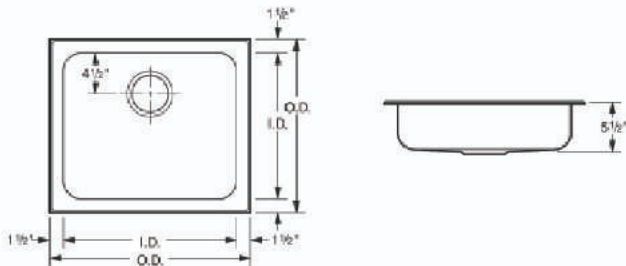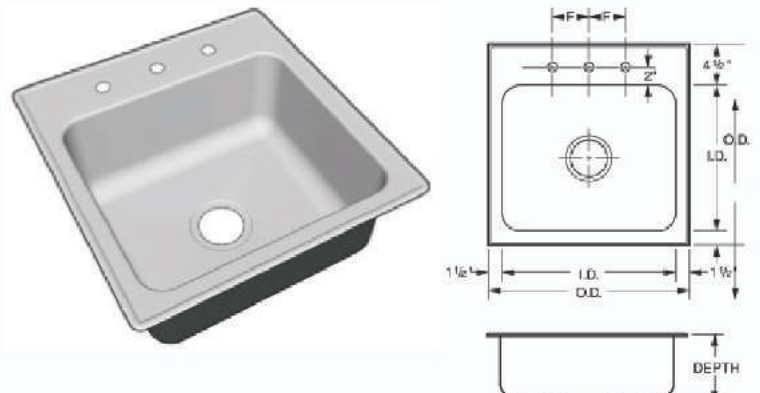

Part Number	O.D. Front to Back	O.D. Side to Side	I.D. Front to Back	I.D. Side to Side	Sink Depth
S-5353-08	15"	15"	12"	12"	7 ½"
S-5354-08	17"	19"	14"	16"	7 ½"
S-5355-08	19"	22"	16"	19"	7 ½"
S-5356-08	19"	25"	16"	22"	7 ½"
S-5357-08	19"	31"	16"	28"	7 ½"
S-5353-09	15"	15"	12"	12"	9"
S-5354-11	17"	19"	14"	16"	10 ½"
S-5355-11	19"	22"	16"	19"	10 ½"
S-5356-11	19"	25"	16"	22"	10 ½"
S-5357-11	19"	31"	16"	28"	10 ½"
S-5354-12	17"	19"	14"	16"	12"
S-5355-12	19"	22"	16"	19"	12"
S-5356-12	19"	25"	16"	22"	12"
S-5357-12	19"	31"	16"	28"	12"

Stainless Steel Sinks with Fixture Ledge

Part Number	O.D. Front to Back	O.D. Side to Side	I.D. Front to Back	I.D. Side to Side	Sink Depth	Fixture Centers
S-5358-08	18"	15"	12"	12"	7 ½"	4"
S-5359-08	20"	19"	14"	16"	7 ½"	6"
S-5360-08	22"	22"	16"	19"	7 ½"	6"
S-5361-08	22"	25"	16"	22"	8"	8"
S-5362-08	22"	31"	16"	28"	7 ½"	8"
S-5358-09	18"	15"	12"	12"	9"	4"
S-5359-11	20"	19"	14"	16"	10 ½"	6"
S-5360-11	22"	22"	16"	19"	10 ½"	6"
S-5361-11	22"	25"	16"	22"	10 ½"	8"
S-5362-11	22"	31"	16"	28"	10 ½"	8"
S-5360-12	22"	22"	16"	19"	12"	6"
S-5361-12	22"	25"	16"	22"	12"	8"
S-5362-12	22"	31"	16"	28"	12"	8"

ADA Compliant

Part Number	O.D. Front to Back	O.D. Side to Side	I.D. Front to Back	I.D. Side to Side	Sink Depth
S-5353-06	15"	15"	12"	12"	5 ½"
S-5354-06	17"	19"	14"	16"	5 ½"
S-5355-06	19"	22"	16"	19"	5 ½"
S-5356-06	19"	25"	16"	22"	5 ½"
S-5357-06	19"	31"	16"	28"	5 ½"

ADA Compliant with Fixture Ledge

Part Number	O.D. Front to Back	O.D. Side to Side	I.D. Front to Back	I.D. Side to Side	Sink Depth	Fixture Centers
S-5358-06	18"	15"	12"	12"	5 ½"	4"
S-5359-06	20"	19"	14"	16"	5 ½"	6"
S-5360-06	22"	22"	16"	19"	5 ½"	6"
S-5361-06	22"	25"	16"	22"	5 ½"	8"
S-5362-06	22"	31"	16"	28"	5 ½"	8"
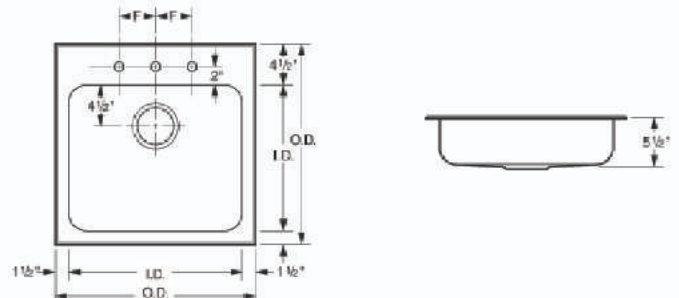
COUNTERTOP MODEL CONFIGURATION

Notes:

- Epoxy and Phenolic Tops have standard thickness of 1". Add MTT(Modified Top Thickness) at end of model number for different thickness

- SS Tops will have standard thickness of 1-1/4" . Add MTT at end of model number for different thickness

- Plastic Laminated Tops have standard thickness of 1-1/2". Add MTT at end of model number for different thickness

- Back /Side Splash is 1" Thick and 4" High. Add MSH(Modified Splash Height) at end of model number for different thickness or height. Add MSTMSH for both ie. modified thickness and Height

Steps

1. Select the type of Countertop ie. SS/PH/EP/PLC/PL

    SS-Stainless Steel, PH-Phenolic, EP-Epoxy, PLC-Platic Laminate CHEMSURF, PL-Plastic Laminate BASIC

2. Select the TYPE from A to M(As shown on Page   )

3. Display the Width and Depth in inches ex. 48(W) and 30(D) should display as 4830

4. For models F to M , if you have the Distance for Centre of Sink(In Inches) please add

5. Add the Modification Code ie. MTT OR MSH as specified in Notes

MODEL # SS-G-4830-29-MTTMSH (1)-(2)-(3)-(4)-(5)

* Always add the sinks at the bottom of Model Numbers

<u>Example #1 MODEL # EP-A-7230</u>

Standard 1" Thick, Epoxy Top, Style A, 72" Wide and 30" Deep

<u>Example #2 MODEL # PH-G-9630-45</u>

Standard 1" Thick, Phenolic Top, Style G, 96" Wide and 30" Deep. 45" is the distance from left edge of the top to

Centre of Sink

Sink # : D30

<u>Example #3 MODEL # SS-E-6030-MTTMSH</u>

Standard 1-1/4" Thick, SS Top, Style E, 60" Wide and 30" Deep, Modified Top Thickness & Modified Back

Splash/Side Splash Height

LABORATORY FIXTURES

Distilled Water Faucets

Engineered to keep distilled water pure
Operates at a maximum 50 PSI working pressure
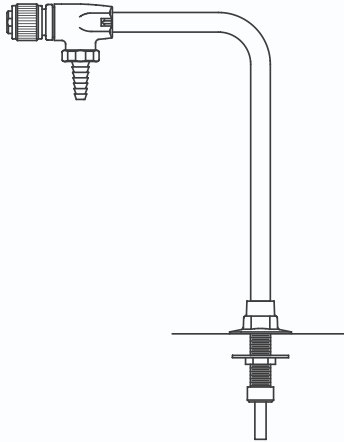
Deck-mount

6100 – 6" radius
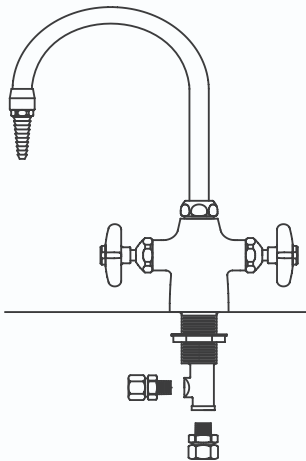6101 – 8" radius
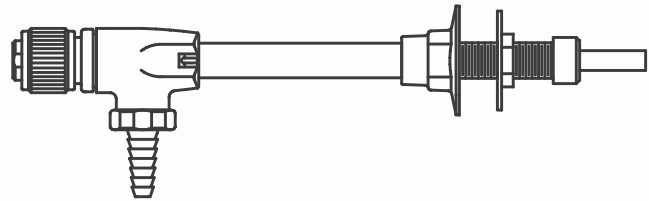
Wall-mount

6102 – 6" radius
6103 – 8" radius

Mixing Faucets

Rigid/swivel gooseneck
All forge brass body w/chrome finish
Renewable stainless steel seats

Deck-mount

6104 – Gooseneck, nozzle, 6" radius
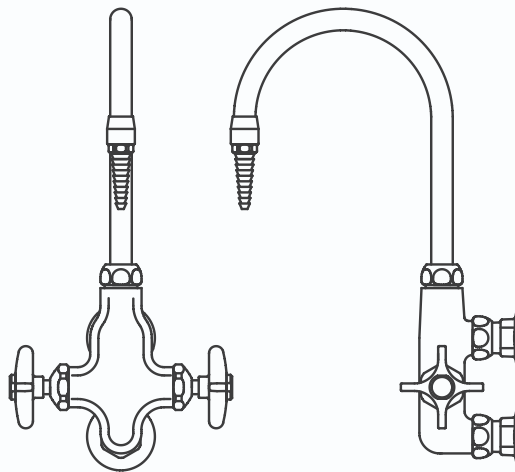6105 – Gooseneck, nozzle, 8" radius
6106 – Gooseneck, aerator, 6" radius
6107 – Gooseneck, aerator, 8" radius
6108 – Vacuum breaker spout, nozzle, 6" radius
6109 – Vacuum breaker spout, nozzle, 8" radius
6110 – Vacuum breaker spout, aspirator, 6" radius
6111 – Vacuum breaker spout, aspirator, 8" radius

Wall-mount

6112 – Gooseneck, nozzle, 6" radius
6113 – Gooseneck, nozzle, 8" radius
6114 – Gooseneck, aerator, 6" radius
6115 – Gooseneck, aerator, 8" radius
6116 – Vacuum breaker spout, nozzle, 6" radius
6117 – Vacuum breaker spout, nozzle, 8" radius
6118 – Vacuum breaker spout, aspirator, 6" radius
6119 – Vacuum breaker spout, aspirator, 8" radius

Ball Valve Hose Cocks

Rated to maximum 75 PSI working pressure
CSA Approved
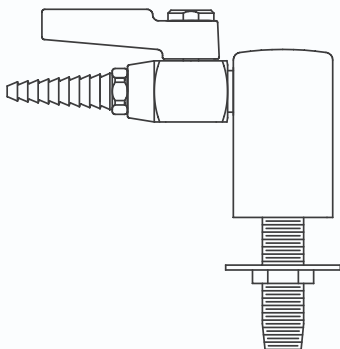
Deck-mount

6000 – Single post
6001 – Double post, 90°
6002 – Double post, 180°
6003 – Triple post
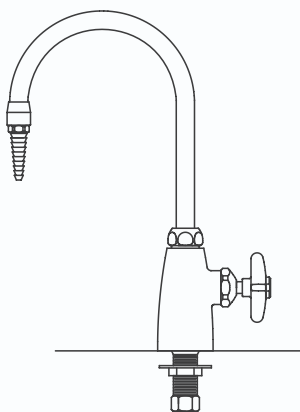6004 – Quad post
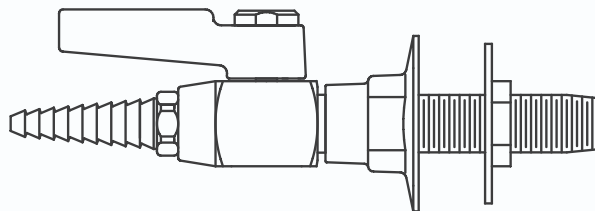
Wall-mount

6005 – Single flange
6006 – Wye flange

Single Water Faucets

Rigid/Swivel gooseneck
All forge brass body w/chrome finish
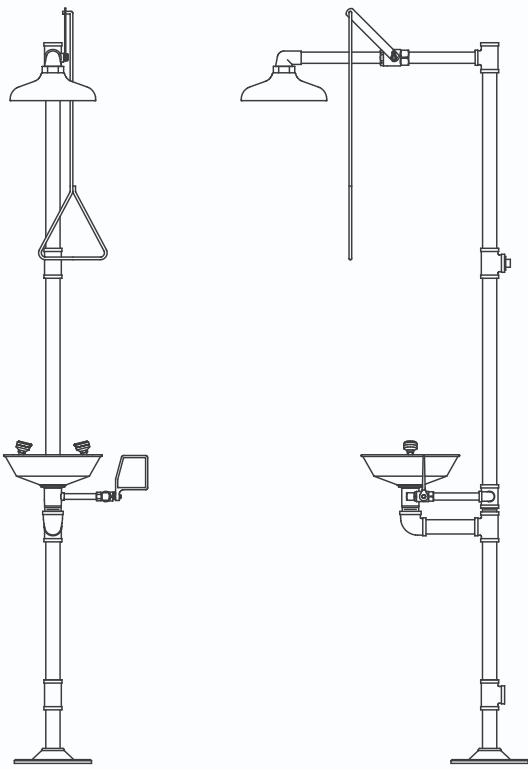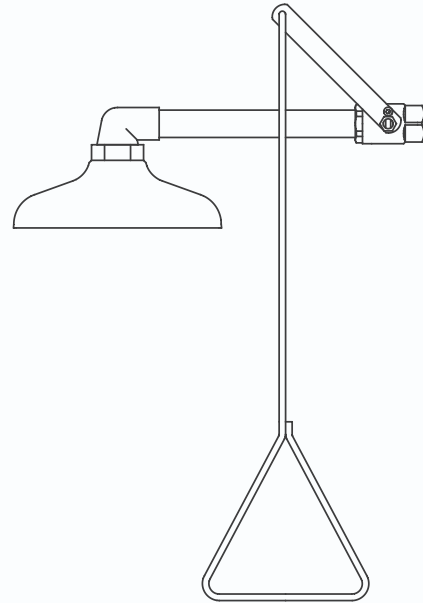Renewable stainless steel seat

Deck-mount

6051 – Gooseneck, nozzle, 6" radius
6052 – Gooseneck, nozzle, 8" radius
6053 – Gooseneck, aerator, 6" radius
6054 – Gooseneck, aerator, 8" radius
6055 – Vacuum breaker spout, nozzle, 6" radius
6056 – Vacuum breaker spout, nozzle, 8" radius
6057 – Vacuum breaker spout, aspirator, 6" radius
6058 – Vacuum breaker spout, aspirator, 8" radius
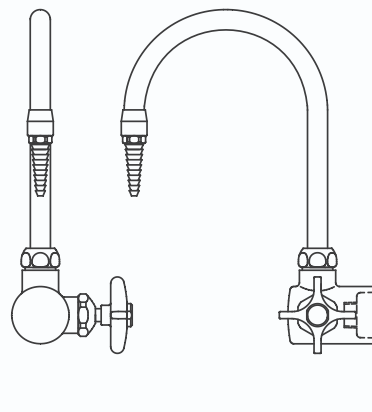
Wall-mount

6059 – Gooseneck, nozzle, 6" radius
6060 – Gooseneck, nozzle, 8" radius
6061 – Gooseneck, aerator, 6" radius
6062 – Gooseneck, aerator, 8" radius
6063 – Vacuum breaker spout, nozzle, 6" radius
6064 – Vacuum breaker spout, nozzle, 8" radius
6065 – Vacuum breaker spout, aspirator, 6" radius
6066 – Vacuum breaker spout, aspirator, 8" radius

Emergency Shower

6235 –with 1' I.p.s stay-open ball valve, pull rod and handle

Safety Station Shower & Eyewash Combination
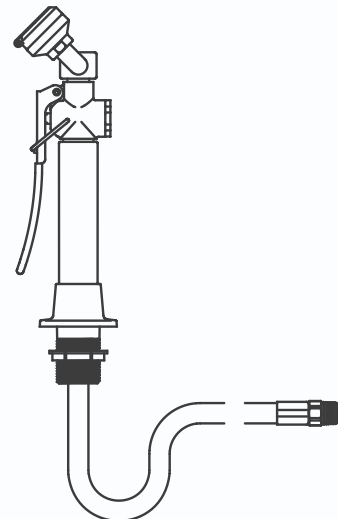
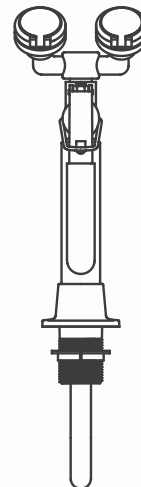6234 –with free-standing shower
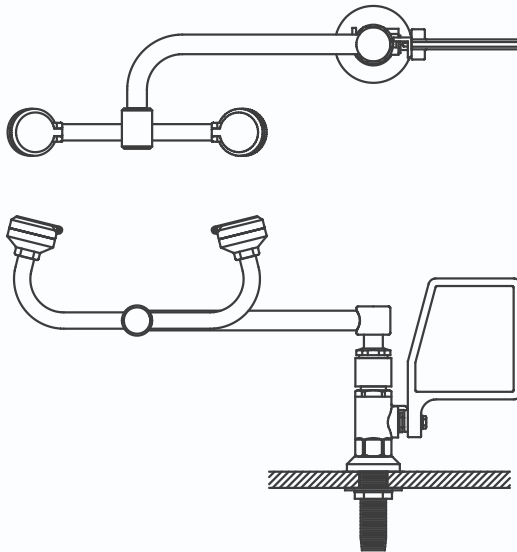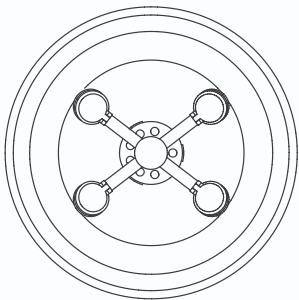
Deck-mount Eyewash Fixture

6207 –with two soft-stream heads and
push-to-operate ball valve
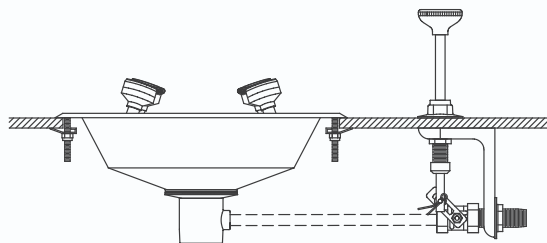
Counter Mounted Eyewash Fixture

6208 –with two soft-stream heads

Deck-mount Eye/Face Wash

6209 –with Delrin soft-spray head

Scientifically Advanced Interior (SAI) Systems is a one stop shop for your laboratory design or reconfiguration needs. Our product range includes :

Conventional laboratory casework
Flexible laboratory systems Fume
Hoods
Acid & Flammable Cabinets
Countertops, Sinks & Fixtures
Pegboards
Canopy Hoods & Snorkels
Laminar Flow Hoods
Biological Safety Cabinets Forensic
Lab Equipments

Our Services :

New laboratory design
Renovating or reconfiguration of existing lab
Pre-Installed casework shipping
Shipping items from our stock - All our stock items ship from Canada
On site installation across Canada

TORONTO   BURNABY   CALGARY   HALIFAX

SAI SYSTEMS & SERVICES INC.

Toll Free: (866) 527-2970
sales@saisns.com
www.saisns.com