WaterSaver

INNOVATIVE PRODUCTS FOR RESEARCH

Laboratory Service Fixtures

Standard

FEATURES:

- Styling traditionally used in the U.S. market.
- Polished chrome plated finish is standard. Options for polished chrome with clear epoxy coating and satin finishes.
- Product engineering, including indexing, inlet connections and threads, based on U.S. standards.

PRODUCT RANGE:

- Laboratory Service Fixtures
- Laboratory Safety Equipment
- Electrical Fixtures
- Pressure Regulator Fixtures
- Vandal-Resistant Products
- Installation, Operation and Maintenance Products

ColorTech

FEATURES:

- Sleek, streamlined “European” styling.
- White epoxy powder coated finish is standard. Options for additional colors, polished chrome and satin finishes.
- Product engineering, including indexing, inlet connections and threads, based on U.S. standards.

PRODUCT RANGE:

- Laboratory Service Fixtures
- Laboratory Safety Equipment
- Electrical Fixtures
- Pressure Regulator Fixtures
- Vandal-Resistant Products
- Installation, Operation and Maintenance Products

ColorTech BT

FEATURES:

- Sleek, streamlined “European” styling.
- White powder coated finish is standard. Options for additional colors, polished chrome and satin finishes.
- Product engineering, including indexing, inlet connections and threads, based on international norms and standards.

PRODUCT RANGE:

- Laboratory Service Fittings
- Laboratory Safety Equipment
- Pressure Regulator Fixtures
- Installation, Operation and Maintenance Products

Flexible Lab Fittings

FEATURES:

- Fittings for flexible/reconfigurable laboratories.
- Polished chrome plated finish.
- Product engineering, including indexing, inlet connections and threads, complies with U.S. and international norms and standards.

PRODUCT RANGE:

- Quick Connects
- Flexible Hoses
- Service Manifolds
- Modular Panel Systems

As the new millennium continues, WaterSaver Faucet Co. celebrates seventy years of service to the laboratory industry. From humble origins, we have grown to become the largest worldwide manufacturer of faucets, valves, safety equipment and related products for laboratory use.

We are in our third generation of family ownership and management but continue to execute the strategy established by our founders: Never compromise on quality, respond to the needs of our customers and treat people with dignity and respect. We are as dedicated to these values today as the day we started.

All WaterSaver products are manufactured in Chicago, Illinois, USA in two state-of-the-art manufacturing plants. Both facilities are Gold certified by the U.S. Green Building Council under the "Leadership in Energy and Environmental Design" (LEED) program for environmental sustainability and energy efficiency.

This Laboratory Service Fixture catalog (LSF017) presents an overview of our standard construction product line. The models shown here are representative of the over 2,000 models in this product range. For further information, please refer to a WaterSaver engineering catalog (EC-010), visit our website (wsflab.com) or consult with our sales offices.

All WaterSaver products are designed and manufactured to meet or exceed industry standards, including Scientific Equipment and Furniture Association standard SEFA 7-2007 "Recommended Practice for Fixtures."

We owe our success to the contributions of dedicated employees and the loyalty of our customers. For seventy years, we have devoted ourselves to fulfilling the confidence placed in us by those who buy and use our products. We are dedicated to continuing that tradition for generations to come.

Steven A. Kersten
President

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Additional Resources

In addition to the products shown in this catalog, WaterSaver offers the following catalogs highlighting additional segments of our product line:

Product Finishes

Laboratory Safety Equipment

Electrical Fixtures

Pressure Regulator Fixtures

Vandal-Resistant Service Fixtures and Safety Equipment

Flexible Lab Fittings

Finishes

WaterSaver standard construction laboratory service fixtures and safety equipment are furnished with a chrome plated finish as standard. However, WaterSaver offers a choice of three additional plated finishes to meet the requirements of every laboratory environment. The choice of finish depends upon the particular requirement for chemical resistance and the "look and feel" desired for the laboratory installation. Listed below are the plated finishes offered by WaterSaver:

Polished Chrome Finish (PCH)

WaterSaver standard construction products are furnished with a polished chrome plated finish as standard. Individual components are polished and buffed to a smooth surface, then electroplated with one layer of nickel and one layer of chrome. The result is a smooth, hard finish that is attractive and has moderate chemical resistance.

Polished Chrome Finish with Clear Epoxy Coating (PCL)

In many laboratory applications, a chrome plated finish will deteriorate when exposed to acids (such as hydrochloric acid) and other chemicals being handled in the lab. To address this concern, WaterSaver offers a clear epoxy coating that is applied over the polished chrome plated surface. This clear coating will provide the fixtures with enhanced chemical resistance and ensure greater durability.

Satin Chrome Finish with Clear Epoxy Coating (SCC)

Polished chrome finishes, whether coated with clear epoxy or not, tend to show fingerprints, watermarks, dust and dirt. In a typical laboratory, no one takes the time to clean the fixtures to preserve their appearance. As a result, the fixtures can become unsightly very quickly.

WaterSaver offers two satin finishes with clear epoxy coating that address this concern. The satin finish has a brushed appearance with visible grain lines. Satin chrome fixtures with clear epoxy coating have a silver/blue hue that is similar to the appearance of stainless steel. Offering superior chemical resistance due to the epoxy coating, these fixtures will not show fingerprints, watermarks or smudges. The fixtures will enhance the appearance of the lab environment.

Satin Nickel Finish with Clear Epoxy Coating (SNC)

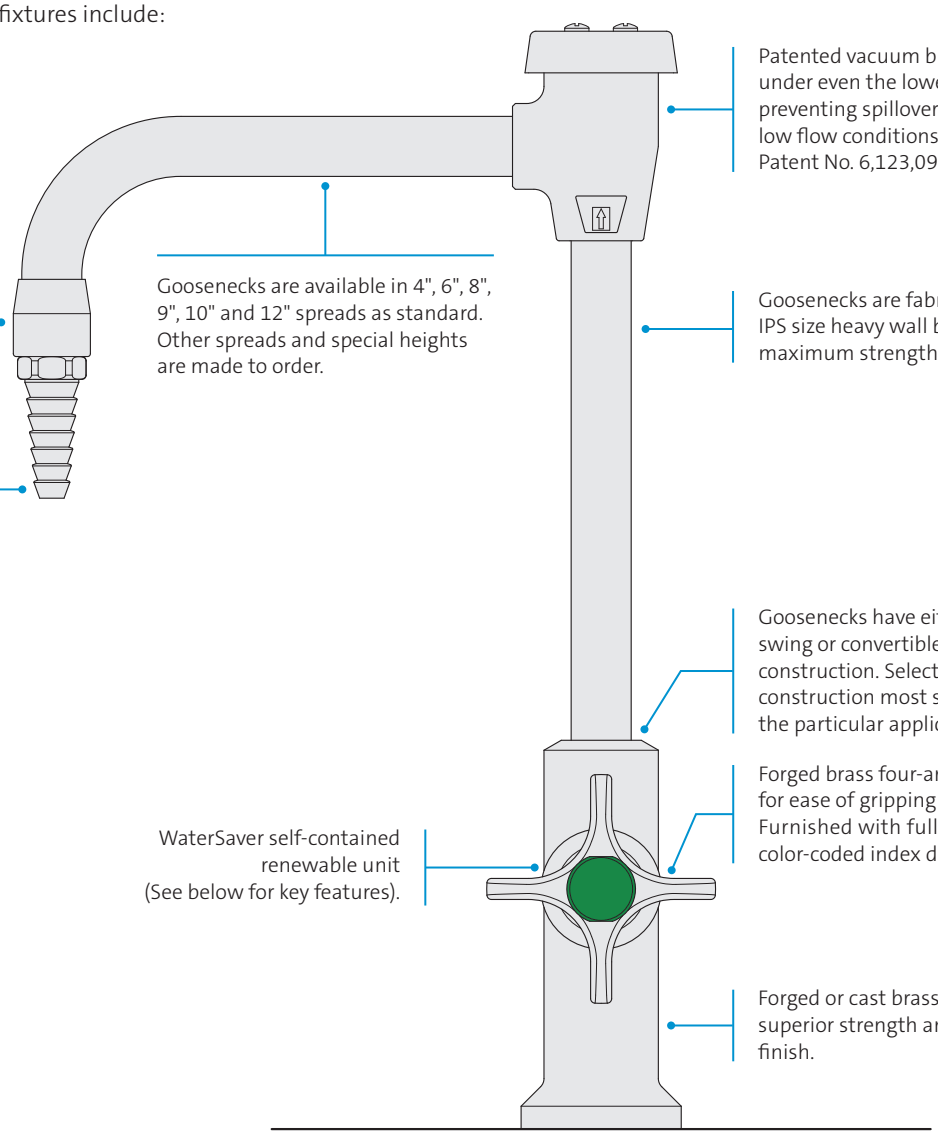
Fixtures with a satin nickel finish with clear epoxy coating address the concerns noted above regarding fingerprints, watermarks, etc. The satin nickel finish has a slight yellow hue that is almost indistinguishable from stainless steel.

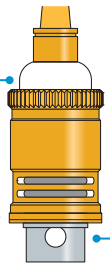
Water Fixture Construction

WaterSaver water fixtures utilize an interchangeable renewable unit cartridge that incorporates a replaceable stainless steel seat. Fixtures are certified by CSA International to meet the requirements of ANSI/ASME A112.18.1M and CAN/CSA B.125.M89.

WaterSaver vacuum breakers are designed specifically for laboratory applications. As such, they will seal properly and prevent spillage under extreme low flow conditions. Vacuum breakers are certified to comply with ASSE Standard No. 1001 and CSA Standard CAN/CSA-864 Series-M88.

Features of WaterSaver water fixtures include:





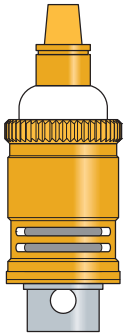
Renewable Units for Water Fixtures

WaterSaver water fittings are available with a choice of three valve cartridges. All three cartridges are dimensionally identical and therefore completely interchangeable.

All cartridges are completely self-contained and include all working components of the valve mechanism. No wearing components are separate from the valve unit. The faucet body itself is thus not subject to wear, making it virtually everlasting. Replacement of the cartridge instantly produces a “new” faucet.

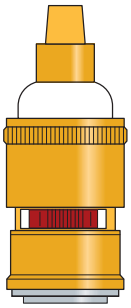
Compression Unit – L Series

- Cartridge has outer serrations to lock into faucet body. Unit cannot turn or move in faucet body, even with wrist blade handles.
- Molded PTFE stem packing seals valve stem. Packing prevents leakage over hundreds of thousands of cycles. Adjustable packing nut permits take-up of wear.
- Valve seat is stainless steel. Ultra-hard seating surface provides durable service in even the harshest water conditions. Seat will outperform brass or other materials.
- Hard synthetic rubber valve disc provides positive shut-off of water flow. Valve does not have a “spongy” feel.
- Manual and self-closing valve units are interchangeable. Field conversion can be accomplished in seconds.



Compression Unit with Adjustable Volume Control – LA Series

- Same construction features as compression unit (stainless steel seat, PTFE stem packing, etc.).
- Adjustable volume control can be adjusted to regulate size of inlet port of valve. Volume control may be used to compensate for high water pressure and conserve water.



Ceramic Disc Unit – LC Series

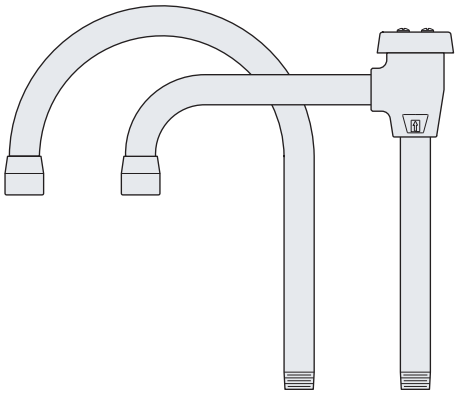
- Rotating ceramic discs control flow of water. Discs are ultra-hard and self-lubricating for durable service.
- 180 degree rotation from closed to open to permit metering of flow. Available with optional 90 degree rotation for use with wrist blade handles.
- Wear-resistant thrust washer is low friction for smooth opening and closing of valve.
- Internal baffles reduce noise as water flows through valve.

Goosenecks for Water Fixtures

WaterSaver gooseneck water fixtures are available with a choice of three types of gooseneck construction. Each type of construction has its own advantages. Lab designers and users can thus choose the type of gooseneck best suited to their particular application.

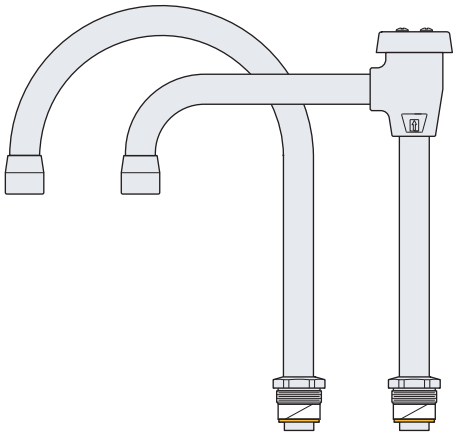
Goosenecks are fabricated of heavy wall brass tubing, with a minimum wall thickness of .085". Goosenecks will therefore resist bending and stand up to even the most demanding lab conditions.

Atmospheric vacuum breakers are specially designed for laboratory use. As such, they are resistant to spillage even under very low flow conditions. Vacuum breakers are covered by U.S. Patent No. 6,123,095.



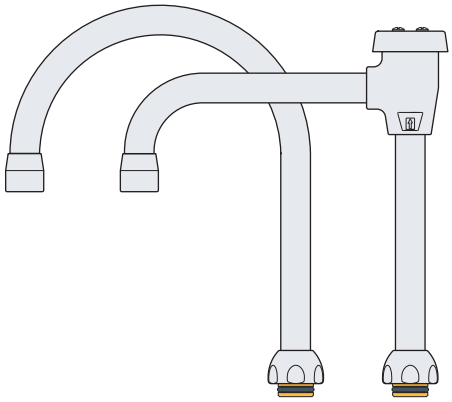
Rigid Construction – RG Series

- Gooseneck is threaded directly into top of faucet body.
- Gooseneck is held absolutely rigid and cannot be turned. This type of construction is advantageous at cup sinks where the faucet outlet should be directed over the sink at all times.
- Faucets may be ordered with gooseneck positioned as right hand, left hand or 180 degrees. If not specified, right hand position will be furnished.



Swing Construction – SG Series

- Gooseneck is furnished with a braided PTFE packing and adjustable packing nut.
- PTFE packing allows gooseneck to turn very smoothly while providing a solid connection to the faucet body, with no lateral play or movement.
- Adjustable packing nut may be tightened down to compensate for wear that might occur in the packing. Unlike goosenecks with O rings, there are no components that should ever require replacement.

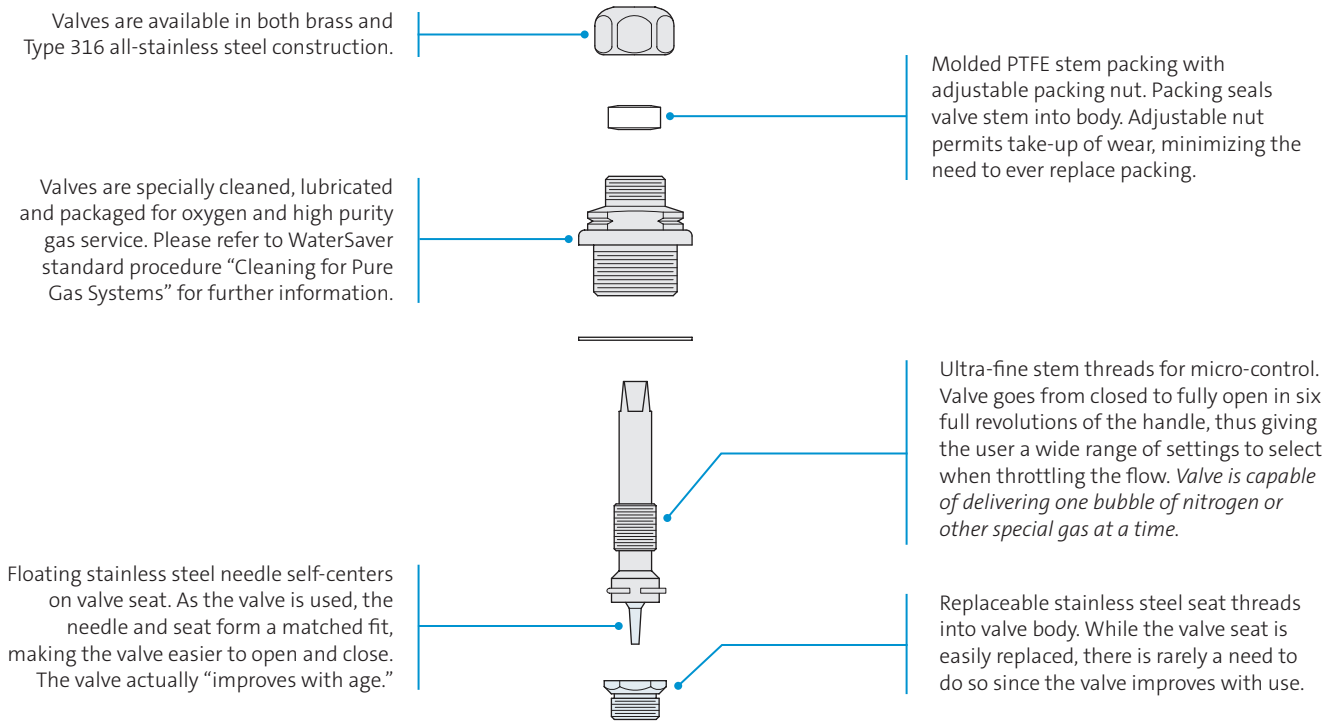


Rigid/Swing Construction – RS Series

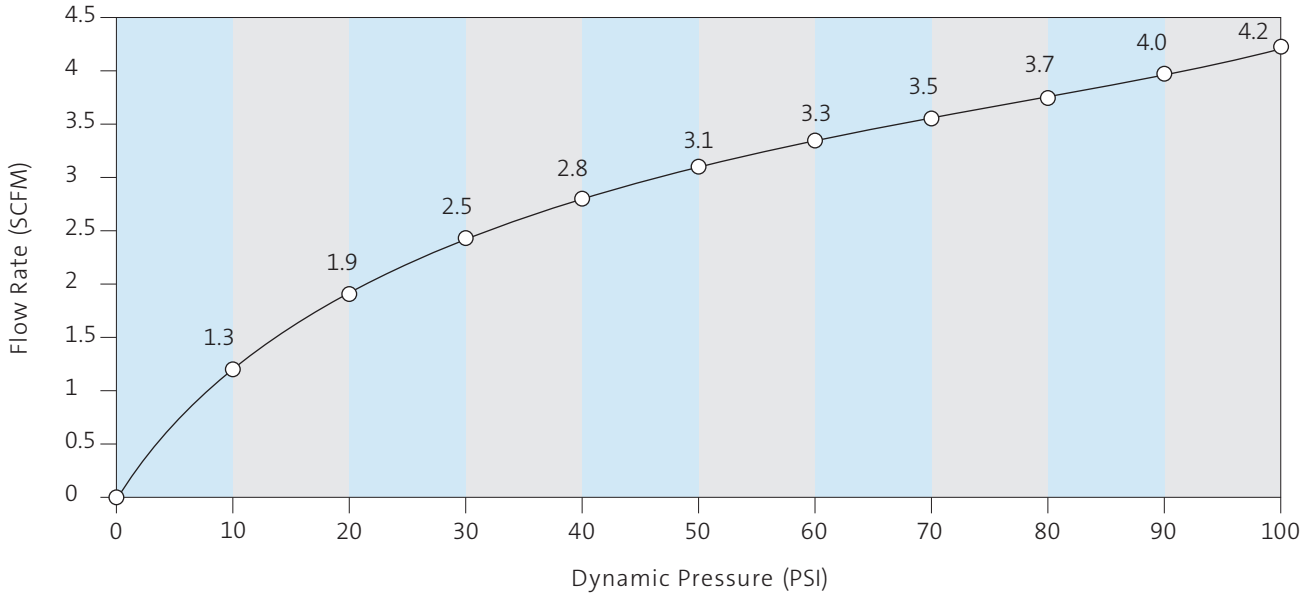
- Gooseneck has union-style construction with union nut and two O ring seals.
- Faucets with rigid/swing goosenecks may be installed in the field with either rigid or swing configuration. Two spacers are furnished with each gooseneck. For rigid construction, the brass spacer is installed. For swing construction, the nylon spacer is installed. Faucets may be readily converted from rigid to swing and vice versa.
- Union-style construction facilitates changing goosenecks in the field should a different spread or height be desired. Simply loosen union nut, remove the gooseneck and install the replacement gooseneck.

Fine Control Needle Valves

Fine control needle valves provide precise flow control of all laboratory gases. They are used where precision metering of flow and higher working pressures are involved. Valves are individually tested at 375 PSI nitrogen pressure and are rated for use at working pressures up to 250 PSI. Features of these valves include:



Fine Control Needle Valve Flow Chart

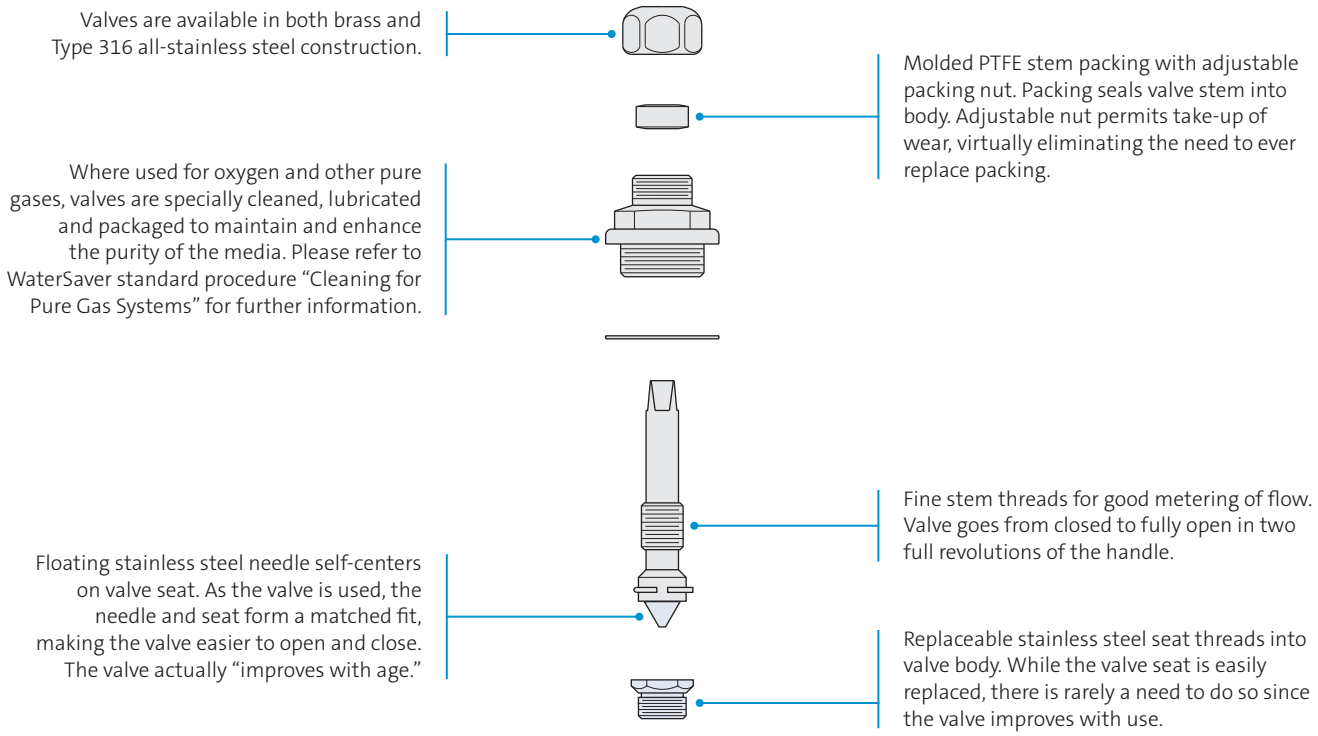


Note

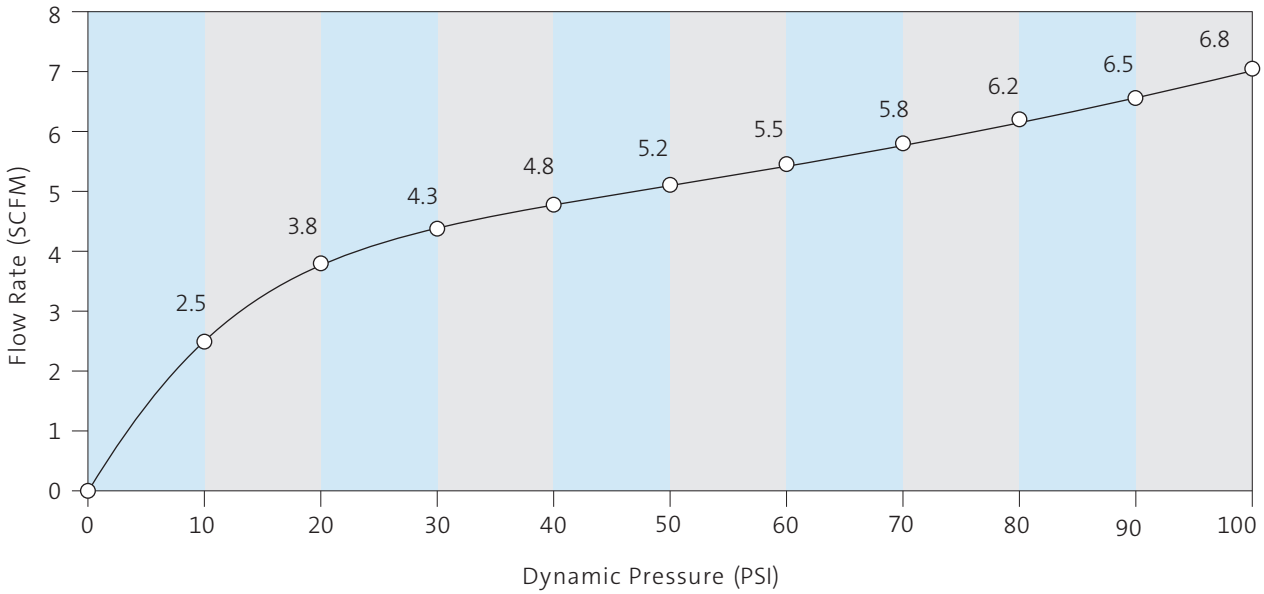
Flow rate is based upon valve with serrated hose end installed. Flow rate may vary if other type of outlet fitting (e.g. quick connect, compression fitting, etc.) is installed.

Needle Valves

Standard needle valves provide excellent flow control of all laboratory gases. They are the most versatile WaterSaver valve, well suited for almost every laboratory application. Valves are certified by CSA International to comply with ANSI Z21.15 and CGA 9.1 for use on natural gas systems at pressures up to 1/2 PSI. Valves are individually tested at 250 PSI nitrogen pressure and are rated for use at working pressures up to 150 PSI. Features of these valves include:



Needle Valve Flow Chart



Note

Flow rate is based upon valve with serrated hose end installed. Flow rate may vary if other type of outlet fitting (e.g. quick connect, compression fitting, etc.) is installed.

Valve Selection Guide

WaterSaver Faucet Co. offers a wide selection of valves for use with laboratory gases. The selection of a valve for any particular application depends upon many factors, including the working pressure of the gas, the degree of metering or control desired and the characteristics (including the corrosiveness) of the gas. This Valve Selection Guide is intended to assist in selecting the most appropriate valve for an application. However, care must be taken in selecting valves, and WaterSaver cannot be responsible for the results obtained from using any particular valve in any particular application. In particular, reference must be made to applicable plumbing and piping codes, life safety standards and project specifications when selecting valves.

	Fine Control Needle Valve	**Standard Needle Valve**	**Laboratory Ball Valve**
Models	**L2870, L3170, L4870, L5170, L62870, etc.**	**L2880, L3180, L4880, L5180, L62880, etc.**	**L4100, L4160, L4200, etc.**
Construction	Needle Point	Needle Point	Ball Valve
Control	Precise Metering	Good Metering	On/Off
Body Material	Brass or St Steel	Brass or St Steel *(Note 1)*	Brass or St Steel
Handle	Four-Arm	Four-Arm	Lever
Test Pressure/Media	375 PSI/Nit	250 PSI/Nit	150 PSI/Air
Maximum Working Pressure	250 PSI	150 PSI	100 PSI
CSA Certified for Natural Gas	No	Yes	Yes
ADA Compliant	No	No	Yes
Use with Pressure Regulator	Yes	No	Yes (Low pressure only)
Cleaned for High Purity Gas	Standard	When Ordered	When Ordered

Gas Compatibility by Service (Symbol):

Air (AIR)	Yes	Yes	Yes
Ammonia (NH3)	Yes (St Steel only)	Yes (St Steel only)	No
Acetylene (C2H2)	Yes (St Steel only; 15 PSI max)	Yes (St Steel only; 15 PSI max)	No
Argon (AR)	Yes	Yes	Yes
Butane (BUT)	Yes	Yes	Yes
Carbon Dioxide (CO2)	Yes	Yes	Yes
Carbon Monoxide (CO)	Yes	Yes	Yes
Compressed Air (CA)	Yes	Yes	Yes
Cylinder Gas (CYL GAS) *(Note 2)*	Yes	Yes	Yes
Natural Gas (GAS)	Yes	Yes	Yes
Helium (HE)	Yes	Yes	Yes
High Vacuum (HI VAC)	Yes	Yes	Yes
Hydrogen (HYD)	Yes	Yes (Specially Clean)	Yes (Specially Clean)
Low Vacuum (LO VAC)	Yes	Yes	Yes
Methane (CH4)	Yes	Yes	Yes
Nitrogen (NIT)	Yes	Yes	Yes
Oxygen (OXY)	Yes	Yes (Specially Clean)	Yes (Specially Clean)
Propane (PRO)	Yes	Yes	Yes
Special Gas (SG) *(Note 2)*	Yes	Yes	Yes
Steam *(Note 3)*	No	No	No
Vacuum (VAC)	Yes	Yes	Yes

Notes

1. Also available in polypropylene for nonmetallic applications.
2. For gases not specifically listed here, please refer to the WaterSaver website (wsflab.com).
3. Steam service requires a valve with specialized internal construction only. Refer to a WaterSaver Engineering catalog or the WaterSaver website (wsflab.com) for information.

Service Fixture Indexing

WaterSaver fixtures are furnished with either a forged brass or a colored nylon handle. Handles have a full-view screw-on colored index button. Color-coding and symbol standards for index buttons are as follows:

Standard Indexing	Index Color	Letter Color	Symbol
Air	Orange	Black	AIR
Carbon Dioxide	Pink	Black	CO2
Cold Water	Green	White	CW
Deionized Water	White	Black	DI
Distilled Water	White	Black	DW
Gas	Blue	White	GAS
Hot Water	Red	White	HW
Hydrogen	Pink	Black	HYD
Nitrogen	Brown	White	NIT
Oxygen	Lt. Green	Black	OXY
Steam	Black	White	STM
Vacuum	Yellow	Black	VAC

Additional Indexing	Index Color	Letter Color	Symbol
Acetylene	Violet	White	C2H2
Acetylene	Violet	White	ACET
Ammonia	Lt. Green	Black	NH3
Argon	Violet	White	AR
Butane	Lt. Blue	Black	BUT
Carbon Monoxide	Silver	Black	CO
Chilled Water	Green	White	CH WAT
Chilled Water Supply	Green	White	CHWS
Chilled Water Supply	Green	White	CWS
Chilled Water Return	Green	White	CHWR
Chilled Water Return	Green	White	CWR
Compressed Air	Orange	Black	CA
Cylinder Gas	Lt. Blue	Black	CYL GAS
Glycol Supply	Lt. Green	Black	GYL SUP
Glycol Return	Lt. Green	Black	GYL RET
Helium	Black	White	HE
High Vacuum	Yellow	Black	HI VAC
High Vacuum	Yellow	Black	HVAC
Hydrogen	Pink	Black	H2
Hydrogen	Lt. Blue	Black	H
Hydrogen	Lt. Blue	Black	H2

Additional Indexing	Index Color	Letter Color	Symbol
Hydrogen	Lt. Blue	Black	HYD
Ice Water	White	Black	IW
Industrial Cold Water	Green	White	ICW
Industrial Hot Water	Red	White	IHW
Lab Air	Orange	Black	LA
Lab Gas	Blue	White	LG
Lab Vacuum	Yellow	Black	LV
Low Vacuum	Yellow	Black	LO VAC
Low Vacuum	Yellow	Black	LVAC
Methane	Lt. Blue	Black	CH4
Natural Gas	Blue	White	NAT GAS
Nitrogen	Gray	Black	NIT
Nitrogen	Gray	Black	N2
Nitrogen	Brown	White	N
Nitrogen	Brown	White	N2
Nitrous Oxide	Lt. Green	Black	N2O
Oxygen	Lt. Green	Black	O2
Oxygen	Lt. Green	Black	OXY
Process Water	Green	White	PW
Reverse Osmosis	White	Black	RO
Reverse Osmosis Deionized Water	White	Black	RODI
Propane	Pink	Black	PRO
Purified Water	White	Black	PW
Special Gas	Lt. Blue	Black	SG

French Indexing	Index Color	Letter Color	Symbol
Cold Water	Green	White	EF
Distilled Water	White	Black	ED
Gas	Blue	White	GAZ
Hot Water	Red	White	EC
Nitrogen	Brown	White	AZ
Steam	Black	White	VAP
Vacuum	Yellow	Black	VIDE

Design and Installation Guidelines

Pipe Sizing and Material

Requirements for the size and material of supply piping are generally covered by local plumbing codes. Reference should be made to such codes when laying out piping for service fixtures and safety equipment. Pipe sizing is also affected by the number of fixtures or outlets installed on a run. However, typical piping standards for single fixtures and outlets are as follows:

Service	Piping Material	Minimum Pipe Size
Natural Gas	Black Iron or Stainless Steel	3/8"
Air/Vacuum	Copper	3/8"
Special Gases	Copper or Stainless Steel	3/8"
Steam	Black Iron	3/8"
Water	Copper	1/2"
Distilled, Deionized and Purified Water	PVC/Polypropylene/ PVDF	1/2"
Emergency Showers	Copper	1"
Eye, Eye/Face Wash and Drench Hose Units	Copper	1/2"
Safety Stations	Copper	1-1/4"

Inlet Shanks/Hole Sizing

WaterSaver fixtures are furnished with standard size inlet shanks to penetrate the deck or wall surface. Minimum hole sizes for these shanks are listed below:

Inlet Shank	Minimum Hole Size
3/8" IPS Shank (All fixtures with BI131 series turret, BI158 flange, L600 series single faucets, most mixing faucets, etc.)	3/4" (.750)
1/2" IPS Shank (L2700 series fauces, deck mounted eyewashes)	7/8" (.875)
3/4" IPS Shank (Electric pedestal boxes, AAP100/101 sockets)	1-1/8" (1.125)
1-3/16" dia. Shank (L400 series faucets)	1-1/4" (1.250)
1-3/8" dia. Shank (L2200 series faucets)	1-3/8" (1.375)

Installation Procedures

Installing WaterSaver laboratory faucets, valves and safety equipment requires the use of common plumbing installation techniques. Observing the following guidelines will help to assure trouble-free installation:

1. *Thoroughly clean and flush supply lines prior to installing faucets and valves. Pipe shavings, scale, tape and other debris can be carried through a pipe and into a faucet or valve when the system is activated. This debris can damage valve components and interfere with the proper operation of the faucet or valve.*
2. When placing a faucet or valve on a laboratory countertop or wall, secure the fixture using the lockwasher and locknut. Tighten the locknut sufficiently to secure the fixture to the counter or wall. Do not overtighten.
3. In order to function properly, vacuum breakers must be installed in a vertical position, perpendicular to the finished floor. When installing a remote vacuum breaker (such as the L100, L102 or L112), we recommend using a level to make sure that the vacuum breaker is installed in a plumb and level position.
4. Generally, WaterSaver fixtures have American National Standard Taper Pipe Threads (NPT) on the inlet. Use Teflon tape or other pipe sealant to seal these threads. Do not apply the sealant in a way that will permit it to enter into the faucet or valve.
5. Observe the maximum test and working pressures for faucets and valves. Testing or using a valve at pressures for which it is not designed can result in leakage or failure. Refer to the Valve Selection Guide on page 7 for information on maximum test and working pressures.
6. Do not use valves for services and applications for which they are not intended. In particular:
   - Valves for oxygen service and high purity gases must be specially cleaned, lubricated and packed. Valves that have not been specially cleaned are not acceptable.
   - Needle valves should be used for gas services only. They are not suitable for water or steam services.
   - Valves for ammonia and acetylene must be stainless steel.
7. To prevent surface damage, use caution when applying a wrench or other tool to the exterior of a faucet or valve.
8. Every WaterSaver faucet is fully assembled at the factory. This includes installing the gooseneck into the faucet body and the outlet fitting into the gooseneck. Mounting shanks are furnished either loose (designated by the suffix “WS”) or assembled (designated by the suffix “WSA”), as ordered.
9. WaterSaver valve assemblies (such as needle valve or ball valve assemblies) are factory assembled, inspected and tested. Mounting shanks are furnished either loose (designated by the suffix “WS”) or assembled (designated by the suffix “WSA”), as ordered. Factory assembly permits us to test the connections between the valve, the mounting fitting (turret or flange) and the mounting shank. Factory assembly also minimizes the field labor required to install the fixture and minimizes the possibility of damaging the fixture’s finish during installation.
10. Clean faucets and valves using a soft cloth and soapy water. Do not use abrasives, detergents or other cleaners which can damage the finish on the fixture. In particular, do not use any solvent in or near a faucet or valve. Solvents can dissolve the lubricants used in the valve mechanism.

L2800

Laboratory Water Valve, Straight Pattern

Application: Laboratory water valve with inlet and outlet at 180 degrees.

Valve Body: Straight pattern forged brass.

Valve Unit: WaterSaver self-contained compression valve unit with replaceable stainless steel seat.

Handle: Forged brass four-arm handle with color-coded index disc.

Inlet: 3/8" NPT male inlet.

Outlet: 3/8" NPT female outlet with removable anti-splash serrated hose end.

Quality Assurance: Valve is fully assembled and factory tested prior to shipment.

Additional Model

L2800-110: Same as above except with L110 in-line vacuum breaker.

L2800-131WSA

Water Valve, Deck Mounted

Mounting: Deck mounted turret base with single outlet.

Valve Body: Straight pattern forged brass.

Valve Unit: WaterSaver self-contained compression valve unit with replaceable stainless steel seat.

Handle: Forged brass four-arm handle with color-coded index disc.

Inlet: Furnished with 3/8" IPS mounting shank (assembled), locknut and washer. 3/8" NPT male inlet.

Outlet: 3/8" NPT female outlet with removable anti-splash serrated hose end.

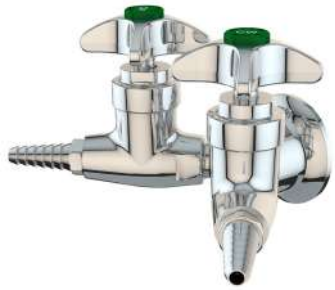
Quality Assurance: Fixture is fully assembled and factory tested prior to shipment.

Additional Models

L2800-132AWSA: Same as above except with two valves at 90 degrees.
L2800-132SWSA: Same as above except with two valves at 180 degrees.
L2800-134WSA: Same as above except with four valves.

L2800-141FT

Double Water Valve, Wall Mounted



Mounting: For installation on vertical surfaces (such as drywall) where there is no access behind wall during installation. Wye fitting is threaded onto nipple stubbed out of wall. Threaded escutcheon is then backed up to wall to secure fixture and conceal pipe.

Valve Bodies: Straight pattern forged brass.

Valve Units: WaterSaver self-contained compression valve units with replaceable stainless steel seats.

Handles: Forged brass four-arm handles with color-coded index discs.

Inlet: 3/8" NPT female inlet with adjustable escutcheon.

Outlets: 3/8" NPT female outlets with removable anti-splash serrated hose ends.

Quality Assurance: Fixture is fully assembled and factory tested prior to shipment.

Note: *If vacuum breaker is required, add suffix "110".*

L2800-141WSA

Double Water Valve, Panel/ Overhead Mounted

Mounting: For installation on vertical or horizontal surfaces (such as pipe chases and service carriers) where there is access behind surface during installation. Threaded mounting shank is inserted through hole in surface and secured with locknut and washer.

Valve Bodies: Straight pattern forged brass.

Valve Units: WaterSaver self-contained compression valve units with replaceable stainless steel seats.

Handles: Forged brass four-arm handles with color-coded index discs.

Inlet: Furnished with 3/8" IPS mounting shank (assembled), locknut and washer. 3/8" NPT male inlet.

Outlets: 3/8" NPT female outlets with removable anti-splash serrated hose ends.

Quality Assurance: Fixture is fully assembled and factory tested prior to shipment.

Note: *If vacuum breaker is required, add suffix "110".*

L3100
Laboratory Water Valve, Angle Pattern

Application: Laboratory water valve with inlet and outlet at 90 degrees.

Valve Body: Angle pattern forged brass.

Valve Unit: WaterSaver self-contained compression valve unit with replaceable stainless steel seat.

Handle: Forged brass four-arm handle with color-coded index disc.

Inlet: 3/8" NPT male inlet.

Outlet: 3/8" NPT female outlet with removable anti-splash serrated hose end.

Quality Assurance: Valve is fully assembled and factory tested prior to shipment.

Additional Model
L3100-110: Same as above except with L110 in-line vacuum breaker.

L3100-131WSA
Water Valve, Overhead Mounted

Mounting: Turret base with single outlet for mounting underneath reagent shelf.

Valve Body: Angle pattern forged brass.

Valve Unit: WaterSaver self-contained compression valve unit with replaceable stainless steel seat.

Handle: Forged brass four-arm handle with color-coded index disc.

Inlet: Furnished with 3/8" IPS mounting shank (assembled), locknut and washer. 3/8" NPT male inlet.

Outlet: 3/8" NPT female outlet with removable anti-splash serrated hose end.

Quality Assurance: Fixture is fully assembled and factory tested prior to shipment.

Additional Model
L3100-132SWSA: Same as above except with two valves at 180 degrees.

Note: *If vacuum breaker is required, add suffix "110".*

L3100-141FT
Double Water Valve, Wall Mounted

Mounting: For installation on vertical surfaces (such as drywall) where there is no access behind wall during installation. Wye fitting is threaded onto nipple stubbed out of wall. Threaded escutcheon is then backed up to wall to secure fixture and conceal pipe.

Valve Bodies: Angle pattern forged brass.

Valve Units: WaterSaver self-contained compression valve units with replaceable stainless steel seats.

Handles: Forged brass four-arm handles with color-coded index discs.

Inlet: 3/8" NPT female inlet with adjustable escutcheon.

Outlets: 3/8" NPT female outlets with removable anti-splash serrated hose ends.

Quality Assurance: Fixture is fully assembled and factory tested prior to shipment.

Note: *If vacuum breaker is required, add suffix "110".*

L3100-141WSA
Double Water Valve, Panel/ Overhead Mounted

Mounting: For installation on vertical or horizontal surfaces (such as pipe chases and service carriers) where there is access behind surface during installation. Threaded mounting shank is inserted through hole in surface and secured with locknut and washer.

Valve Bodies: Angle pattern forged brass.

Valve Units: WaterSaver self-contained compression valve units with replaceable stainless steel seats.

Handles: Forged brass four-arm handles with color-coded index discs.

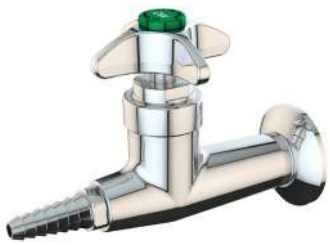
Inlet: Furnished with 3/8" IPS mounting shank (assembled), locknut and washer. 3/8" NPT male inlet.

Outlets: 3/8" NPT female outlets with removable anti-splash serrated hose ends.

Quality Assurance: Fixture is fully assembled and factory tested prior to shipment.

Note: *If vacuum breaker is required, add suffix "110".*

L4800FT-325
Water Valve, Wall Mounted



Mounting: For installation on vertical surfaces (such as drywall) where there is no access behind wall during installation. Valve is threaded onto nipple stubbed out of wall. Threaded escutcheon is then backed up to wall to secure valve and conceal pipe.

Valve Body: Straight pattern forged brass.

Valve Unit: WaterSaver self-contained compression valve unit with replaceable stainless steel seat.

Handle: Forged brass four-arm handle with color-coded index disc.

Inlet: 3/8" NPT female inlet with adjustable escutcheon.

Outlet: 3/8" NPT female outlet with removable anti-splash serrated hose end.

Quality Assurance: Fixture is fully assembled and factory tested prior to shipment.

Note: *If vacuum breaker is required, add suffix "110".*

L4800F-225WSA
Water Valve, Panel/Overhead Mounted

Mounting: For installation on vertical or horizontal surfaces (such as pipe chases and service carriers) where there is access behind surface during installation. Threaded mounting shank is inserted through hole in surface and secured with locknut and washer.

Valve Body: Straight pattern forged brass.

Valve Unit: WaterSaver self-contained compression valve unit with replaceable stainless steel seat.

Handle: Forged brass four-arm handle with color-coded index disc.

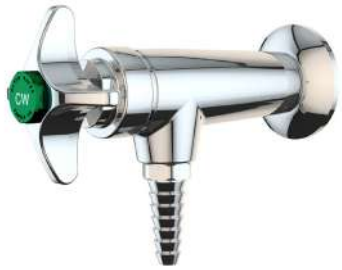
Inlet: Furnished with 3/8" IPS mounting shank (assembled), locknut and washer. 3/8" NPT male inlet.

Outlet: 3/8" NPT female outlet with removable anti-splash serrated hose end.

Quality Assurance: Fixture is fully assembled and factory tested prior to shipment.

Note: *If vacuum breaker is required, add suffix "110".*

L5100FT-325
Water Valve, Wall Mounted



Mounting: For installation on vertical surfaces (such as drywall) where there is no access behind wall during installation. Valve is threaded onto nipple stubbed out of wall. Threaded escutcheon is then backed up to wall to secure valve and conceal pipe.

Valve Body: Angle pattern forged brass.

Valve Unit: WaterSaver self-contained compression valve unit with replaceable stainless steel seat.

Handle: Forged brass four-arm handle with color-coded index disc.

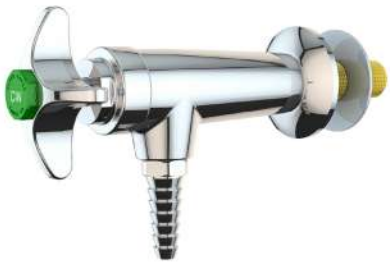
Inlet: 3/8" NPT female inlet with adjustable escutcheon.

Outlet: 3/8" NPT female outlet with removable anti-splash serrated hose end.

Quality Assurance: Fixture is fully assembled and factory tested prior to shipment.

Note: *If vacuum breaker is required, add suffix "110".*

L5100F-225WSA
Water Valve, Panel/Overhead Mounted



Mounting: For installation on vertical or horizontal surfaces (such as pipe chases and service carriers) where there is access behind surface during installation. Threaded mounting shank is inserted through hole in surface and secured with locknut and washer.

Valve Body: Angle pattern forged brass.

Valve Unit: WaterSaver self-contained compression valve unit with replaceable stainless steel seat.

Handle: Forged brass four-arm handle with color-coded index disc.

Inlet: Furnished with 3/8" IPS mounting shank (assembled), locknut and washer. 3/8" NPT male inlet.

Outlet: 3/8" NPT female outlet with removable anti-splash serrated hose end.

Quality Assurance: Fixture is fully assembled and factory tested prior to shipment.

Note: *If vacuum breaker is required, add suffix "110".*

Options for Water Valves
Valve Unit: Compression valve unit with adjustable volume control (add prefix "LA") or ceramic disc valve unit (add prefix "LC").
Outlet: BO127S aspirator in place of serrated hose end (add suffix "127").

L4301
High Flow Water Valve, Straight Pattern

Application: High flow water valve for use on process and chilled water systems. Valve is used for supply and return connections. Ball valve design provides high flow capacity and minimizes pressure drop through valve.

Valve Body: Forged brass.

Valve Unit: Full port ball valve construction with quarter-turn open/close, chrome plated brass ball and molded PTFE seals.

Handle: Forged brass lever handle with color-coded index disc.

Inlet: 1/2" NPT male inlet.

Outlet: 1/2" NPT female outlet.

Quality Assurance: Valve is fully assembled and factory tested prior to shipment.

L4303
High Flow Water Valve, Straight Pattern, Quick Connect Outlet

Application: High flow water valve for use on process and chilled water systems. Valve is used for supply and return connections. Ball valve design provides high capacity and minimizes pressure drop through valve.

Valve Body: Forged brass.

Valve Unit: Full port ball valve construction with quarter-turn open/close, chrome plated brass ball and molded PTFE seals.

Handle: Forged brass lever handle with color-coded index disc.

Inlet: 1/2" NPT male inlet.

Outlet: 1/2" NPT female outlet with removable quick connect fitting.

Quality Assurance: Valve is fully assembled and factory tested prior to shipment.

L4301-121WSA
High Flow Water Valve, Deck Mounted

Mounting: Deck mounted turret base with single outlet.

Valve Body: Forged brass.

Valve Unit: Full port ball valve construction with quarter-turn open/close, chrome plated brass ball and molded PTFE seals.

Handle: Forged brass lever handle with color-coded index disc.

Inlet: Furnished with 1/2" IPS mounting shank (assembled), locknut and washer. 1/2" NPT male inlet.

Outlet: 1/2" NPT female outlet.

Quality Assurance: Fixture is fully assembled and factory tested prior to shipment.

Additional Model
L4301-122SWSA Same as above except with two valves at 180 degrees.

L4301-159WSA
High Flow Water Valve, Panel Mounted

Mounting: Panel mounted flange with single outlet.

Valve Body: Forged brass.

Valve Unit: Full port ball valve construction with quarter-turn open/close, chrome plated brass ball and molded PTFE seals.

Handle: Forged brass lever handle with color-coded index disc.

Inlet: Furnished with 1/2" IPS mounting shank (assembled), locknut and washer. 1/2" NPT male inlet.

Outlet: 1/2" NPT female outlet.

Quality Assurance: Fixture is fully assembled and factory tested prior to shipment.

L611VB

Single Faucet, Deck Mounted, Vacuum Breaker

Application: Deck mounted faucet with vacuum breaker for cold water.

Body: Forged brass.

Valve Unit: WaterSaver self-contained compression valve unit with replaceable stainless steel seat.

Handle: Forged brass four-arm handle with color-coded index disc.

Gooseneck: 6" rigid gooseneck. Gooseneck is set in right hand configuration unless left hand or 180 degrees is specified.

Vacuum Breaker: Integral vacuum breaker to prevent backflow. Vacuum breaker has replaceable seat and ultra-light float cup to resist spilling at low flow.

Inlet: Furnished with 3/8" IPS mounting shank (assembled), locknut and washer. 3/8" NPT male inlet.

Outlet: 3/8" NPS female outlet with removable anti-splash serrated hose end.

Quality Assurance: Faucet is fully assembled and factory tested prior to shipment.

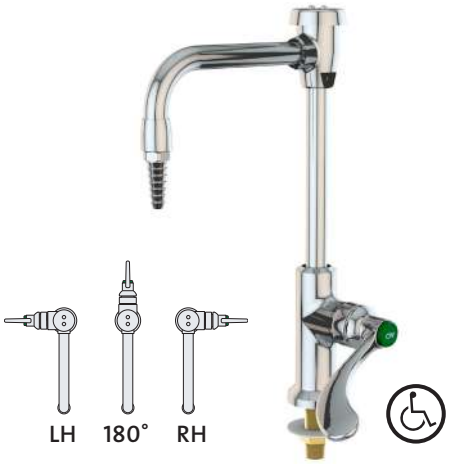
Additional Model

L612VB: Same as above except with swing gooseneck.
L614VB: Same as above except with convertible rigid/swing gooseneck.

Note: *If vacuum breaker is not required, delete suffix "VB".*

L611VB-BH

Single Faucet, Deck Mounted, Vacuum Breaker and Blade Handle



Application: Deck mounted faucet with vacuum breaker and wrist blade handle for cold water.

Body: Forged brass.

Valve Unit: WaterSaver self-contained compression valve unit with replaceable stainless steel seat.

Handle: Forged brass wrist blade handle with color-coded index disc.

Gooseneck: 6" rigid gooseneck. Gooseneck is set in right hand configuration unless left hand or 180 degrees is specified.

Vacuum Breaker: Integral vacuum breaker to prevent backflow. Vacuum breaker has replaceable seat and ultra-light float cup to resist spilling at low flow.

Inlet: Furnished with 3/8" IPS mounting shank (assembled), locknut and washer. 3/8" NPT male inlet.

Outlet: 3/8" NPS female outlet with removable anti-splash serrated hose end.

Quality Assurance: Faucet is fully assembled and factory tested prior to shipment.

Additional Models

L612VB-BH: Same as above except with swing gooseneck.
L614VB-BH: Same as above except with rigid/swing gooseneck.

Note: *If vacuum breaker is not required, delete suffix "VB".*

L2714VB-WSA

Single Faucet, Panel Mounted, Vacuum Breaker

Application: Panel mounted faucet with vacuum breaker for cold water.

Body: Forged brass.

Valve Unit: WaterSaver self-contained compression valve unit with replaceable stainless steel seat.

Handle: Forged brass four-arm handle with color-coded index disc.

Gooseneck: 6" rigid/swing gooseneck.

Vacuum Breaker: Integral vacuum breaker to prevent backflow. Vacuum breaker has replaceable seat and ultra-light float cup to resist spilling at low flow.

Inlet: Furnished with 1/2" IPS mounting shank (assembled), locknut and washer. 1/2" NPT male inlet.

Outlet: 3/8" NPS female outlet with removable anti-splash serrated hose end.

Quality Assurance: Faucet is fully assembled and factory tested prior to shipment.

Additional Model

L2714L-VB-WSA: Same as above except with handle on left side.

Note: *If vacuum breaker is not required, delete suffix "VB".*

If mounting shank is to be unassembled, use suffix "WS".

L412VB

Mixing Faucet, Deck Mounted, Vacuum Breaker

Application: Deck mounted mixing faucet with vacuum breaker for hot and cold water.

Body: Forged brass.

Valve Units: WaterSaver self-contained compression valve units with replaceable stainless steel seats.

Handles: Forged brass four-arm handles with color-coded index discs.

Gooseneck: 6" swing gooseneck.

Vacuum Breaker: Integral vacuum breaker to prevent backflow. Vacuum breaker has replaceable seat and ultra-light float cup to resist spilling at low flow.

Inlet: 1-3/16" male shank with (2) 3/8" OD flexible copper tubes. Furnished complete with locknut and washer.

Outlet: 3/8" NPS female outlet with removable anti-splash serration hose end.

Quality Assurance: Faucet is fully assembled and factory tested prior to shipment.

Additional Models

L411VB: Same as above except with rigid gooseneck.
L414VB: Same as above except with convertible rigid/swing gooseneck.

Note: *If vacuum breaker is not required, delete suffix "VB".*

L412VB-BH

Mixing Faucet, Deck Mounted, Vacuum Breaker and Blade Handles

Application: Deck mounted mixing faucet with vacuum breaker and wrist blade handles for hot and cold water.

Body: Forged brass.

Valve Units: WaterSaver self-contained compression valve units with replaceable stainless steel seats.

Handles: Forged brass wrist blade handles with color-coded index discs.

Gooseneck: 6" swing gooseneck.

Vacuum Breaker: Integral vacuum breaker to prevent backflow. Vacuum breaker has replaceable seat and ultra-light float cup to resist spilling at low flow.

Inlet: 1-3/16" male shank with (2) 3/8" OD flexible copper tubes. Furnished complete with locknut and washer.

Outlet: 3/8" NPS female outlet with removable anti-splash serration hose end.

Quality Assurance: Faucet is fully assembled and factory tested prior to shipment.

Additional Models

L411VB-BH: Same as above except with rigid gooseneck.
L414VB-BH: Same as above except with convertible rigid/swing gooseneck.

Note: *If vacuum breaker is not required, delete suffix "VB".*

L410

Mixing Faucet, Deck Mounted, Swing Spout

Application: Deck mounted faucet for hot and cold water.

Body: Forged brass.

Valve Units: WaterSaver self-contained compression valve units with replaceable stainless steel seats.

Handles: Forged brass four-arm handles with color-coded index discs.

Spout: 9" swing spout.

Inlet: 1-3/16" male shank with (2) 3/8" OD flexible copper tubes. Furnished complete with locknut and washer.

Outlet: 3/8" NPS female outlet with removable aerator.

Quality Assurance: Faucet is fully assembled and factory tested prior to shipment.

Additional Model

L410VB: Same as above except with vacuum breaker.

Options for Single and Mixing Faucets

Valve Units: Compression valve units with adjustable volume controls (add prefix "LA") or ceramic disc valve units (add prefix "LC").
Gooseneck: 8" spread gooseneck in place of 6" (add suffix "8"). For other gooseneck spreads and heights, please refer to page 56.
Outlet: BO055 aerator in place of serrated hose end (add suffix "55").

L2210

Mixing Faucet, Deck Mounted

Application: Deck mounted faucet on 8" centers for hot and cold water.

Body: Brass bar stock.

Valve Units: WaterSaver self-contained compression valve units with replaceable stainless steel seats.

Handles: Forged brass four-arm handles with color-coded index discs.

Spout: 9" swing spout.

Inlets: Valves have 1-3/8" male shank with 3/8" OD flexible copper tube inlet. Center fitting has 3/8" IPS mounting shank. Furnished complete with (2) flexible PVC hoses, center tee fitting, locknuts and washers.

Outlet: 3/8" NPS female outlet with removable aerator.

Quality Assurance: Faucet is assembled and factory tested prior to shipment.

L2212VB

Mixing Faucet, Deck Mounted, Vacuum Breaker

Application: Deck mounted faucet with vacuum breaker on 8" centers for hot and cold water.

Body: Brass bar stock.

Valve Units: WaterSaver self-contained compression valve units with replaceable stainless steel seats.

Handles: Forged brass four-arm handles with color-coded index discs.

Gooseneck: 6" swing gooseneck.

Vacuum Breaker: Integral vacuum breaker to prevent backflow. Vacuum breaker has replaceable seat and ultra-light float cup to resist spilling at low flow.

Inlets: Valves have 1-3/8" male shank with 3/8" OD flexible copper tube inlet. Center fitting has 3/8" IPS mounting shank. Furnished complete with (2) flexible PVC hoses, center tee fitting, locknuts and washers.

Outlet: 3/8" NPS female outlet with removable anti-splash serrated hose end.

Quality Assurance: Faucet is assembled and factory tested prior to shipment.

Additional Models

L2211VB: Same as above except with rigid gooseneck.
L2214VB: Same as above except with rigid/swing gooseneck.

Note: *If vacuum breaker is not required, delete suffix "VB".*

L2212TWI-VB-3001

Mixing Faucet, Deck Mounted with Hand/Foot Control

Application: Deck mounted mixing faucet with floor mounted pedal valve. Faucet may be actuated by either faucet handles or foot pedals.

Faucet Body: Brass bar stock.

Faucet Valve Units: WaterSaver self-contained compression valve units with replaceable stainless steel seats.

Handles: Forged brass four-arm handles with color-coded index discs.

Gooseneck: 6" swing gooseneck.

Vacuum Breaker: Integral vacuum breaker to prevent backflow. Vacuum breaker has replaceable seat and ultra-light float cup to resist spilling at low flow.

Faucet Inlets: Valves have 1-3/8" male shank with 3/8" OD flexible copper tube inlet. Center fitting has 3/8" IPS mounting shank. Furnished complete with (2) flexible PVC hoses, center tee fitting, locknuts and washers.

Outlet: 3/8" NPS female outlet with removable anti-splash serrated hose end.

Pedal Valve: L3001 floor mounted foot-operated mixing valve. Furnished with self-closing valve units, forged brass foot pedals and 1/2" NPT female inlets and outlets.

Quality Assurance: Faucet is assembled and factory tested prior to shipment.

Additional Models

L2211TWI-VB-3001: Same as above except with rigid gooseneck.
L2214TWI-VB-3001: Same as above except with rigid/swing gooseneck.

Note: *If vacuum breaker is required, add suffix "110".*

L2210BH

Mixing Faucet, Deck Mounted

Application: Deck mounted faucet on 8" centers for hot and cold water.

Body: Brass bar stock.

Valve Units: WaterSaver self-contained compression valve units with replaceable stainless steel seats.

Handles: 4" forged brass wrist blade handles with color-coded index discs.

Spout: 9" swing spout.

Inlets: Valves have 1-3/8" male shank with 3/8" OD flexible copper tube inlet. Center fitting has 3/8" IPS mounting shank. Furnished complete with (2) flexible PVC hoses, center tee fitting, locknuts and washers.

Outlet: 3/8" NPS female outlet with removable aerator.

Quality Assurance: Faucet is assembled and factory tested prior to shipment.

L2212VB-BH

Mixing Faucet, Deck Mounted, Vacuum Breaker

Application: Deck mounted faucet with vacuum breaker on 8" centers for hot and cold water.

Body: Brass bar stock.

Valve Units: WaterSaver self-contained compression valve units with replaceable stainless steel seats.

Handles: 4" forged brass wrist blade handles with color-coded index discs.

Gooseneck: 6" swing gooseneck.

Vacuum Breaker: Integral vacuum breaker to prevent backflow. Vacuum breaker has replaceable seat and ultra-light float cup to resist spilling at low flow.

Inlets: Valves have 1-3/8" male shank with 3/8" OD flexible copper tube inlet. Center fitting has 3/8" IPS mounting shank. Furnished complete with (2) flexible PVC hoses, center tee fitting, locknuts and washers.

Outlet: 3/8" NPS female outlet with removable anti-splash serrated hose end.

Quality Assurance: Faucet is assembled and factory tested prior to shipment.

Additional Models

L2211VB-BH: Same as above except with rigid gooseneck.
L2214VB-BH: Same as above except with rigid/swing gooseneck.

Note: *If vacuum breaker is not required, delete suffix "VB".*

L2212TWI-VB-BH-3001

Mixing Faucet, Deck Mounted with Hand/Foot Control

Application: Deck mounted mixing faucet with floor mounted pedal valve. Faucet may be actuated by either faucet handles or foot pedals.

Faucet Body: Brass bar stock.

Faucet Valve Units: WaterSaver self-contained compression valve units with replaceable stainless steel seats.

Handles: 4" forged brass wrist blade handles with color-coded index discs.

Gooseneck: 6" swing gooseneck.

Vacuum Breaker: Integral vacuum breaker to prevent backflow. Vacuum breaker has replaceable seat and ultra-light float cup to resist spilling at low flow.

Inlets: Valves have 1-3/8" male shank with 3/8" OD flexible copper tube inlet. Center fitting has 3/8" IPS mounting shank. Furnished complete with (2) flexible PVC hoses, center tee fitting, locknuts and washers.

Outlet: 3/8" NPS female outlet with removable anti-splash serrated hose end.

Pedal Valve: L3001 floor mounted foot-operated mixing valve. Furnished with self-closing valve units, forged brass foot pedals and 1/2" NPT female inlets and outlets.

Quality Assurance: Faucet is assembled and factory tested prior to shipment.

Additional Models

L2211TWI-VB-BH-3001: Same as above except with rigid gooseneck.
L2214TWI-VB-BH-3001: Same as above except with rigid/swing gooseneck.

Note: *If vacuum breaker is not required, delete suffix "VB".*

L2222

Mixing Faucet, Deck Mounted

Application: Deck mounted faucet on 8" centers for hot and cold water.

Body: Brass bar stock.

Valve Units: WaterSaver self-contained compression valve units with replaceable stainless steel seats.

Handles: 4" forged brass wrist blade handles with color-coded index discs.

Gooseneck: 6" swing gooseneck.

Inlets: Valves have 1-3/8" male shank with 3/8" OD flexible copper tube inlet. Center fitting has 3/8" IPS mounting shank. Furnished complete with (2) flexible PVC hoses, center tee fitting, locknuts and washers.

Outlet: 3/8" NPS female outlet with removable aerator.

Quality Assurance: Faucet is assembled and factory tested prior to shipment.

Additional Models

L2221: Same as above except with rigid gooseneck.
L2224: Same as above except with convertible rigid/swing gooseneck.

L2222VB

Mixing Faucet, Deck Mounted, Vacuum Breaker

Application: Deck mounted faucet with vacuum breaker on 8" centers for hot and cold water.

Body: Brass bar stock.

Valve Units: WaterSaver self-contained compression valve units with replaceable stainless steel seats.

Handles: 4" forged brass wrist blade handles with color-coded index discs.

Gooseneck: 6" swing gooseneck.

Vacuum Breaker: Integral vacuum breaker to prevent backflow. Vacuum breaker has replaceable seat and ultra-light float cup to resist spilling at low flow.

Inlets: Valves have 1-3/8" male shank with 3/8" OD flexible copper tube inlet. Center fitting has 3/8" IPS mounting shank. Furnished complete with (2) flexible PVC hoses, center tee fitting, locknuts and washers.

Outlet: 3/8" NPS female outlet with removable aerator.

Quality Assurance: Faucet is assembled and factory tested prior to shipment.

Additional Models

L2221VB: Same as above except with rigid gooseneck.
L2224VB: Same as above except with rigid/swing gooseneck.

L2222TWI-3001

Mixing Faucet, Deck Mounted with Hand/Foot Control

Application: Deck mounted mixing faucet with floor mounted pedal valve. Faucet may be actuated by either faucet handles or foot pedals.

Faucet Body: Brass bar stock.

Faucet Valve Units: WaterSaver self-contained compression valve units with replaceable stainless steel seats.

Handles: 4" forged brass wrist blade handles with color-coded index discs.

Gooseneck: 6" swing gooseneck.

Faucet Inlets: Valves have 1-3/8" male shank with 3/8" OD flexible copper tube inlet. Center fitting has 3/8" IPS mounting shank. Furnished complete with (2) flexible PVC hoses, center tee fitting, locknuts and washers.

Outlet: 3/8" NPS female outlet with removable aerator.

Pedal Valve: L3001 floor mounted foot-operated mixing valve. Furnished with self-closing valve units, forged brass foot pedals and 1/2" NPT female inlets and outlet.

Quality Assurance: Faucet is assembled and factory tested prior to shipment.

Additional Models

L2221TWI-3001: Same as above except with rigid gooseneck.
L2224TWI-3001: Same as above except with rigid/swing gooseneck.

Note: *If vacuum breaker is required, add suffix "VB".*

Options for Mixing Faucets

Valve Units: Compression valve units with adjustable volume controls (add prefix "LA") or ceramic disc valve units (add prefix "LC").
Gooseneck: 8" spread gooseneck in place of 6" (add suffix "8"). For other gooseneck spreads and heights, please refer to page 56.

L212VB-WSA
Mixing Faucet, Panel Mounted

Application: Panel mounted faucet for hot and cold water with vertical inlets. Inlets are on 3" centers, cold water on bottom.

Body: Forged brass.

Valve Units: WaterSaver self-contained compression valve units with replaceable stainless steel seats.

Handles: Forged brass four-arm handles with color-coded index discs.

Gooseneck: 6" swing gooseneck.

Vacuum Breaker: Integral vacuum breaker to prevent backflow. Vacuum breaker has replaceable seat and ultra-light float cup to resist spilling at low flow.

Inlets: Furnished with 3/8" IPS mounting shanks (assembled), locknuts and washers. 3/8" NPT male union inlets.

Outlet: 3/8" NPS female outlet with removable anti-splash serrated hose end.

Quality Assurance: Faucet is fully assembled and factory tested prior to shipment.

Additional Models
L211VB-WSA: Same as above except with rigid gooseneck.
L214VB-WSA: Same as above except with convertible rigid/swing gooseneck.

Note: *If vacuum breaker is not required, delete suffix "VB".*

If mounting shanks are to be unassembled, use suffix "WS".

L512VB-WSA
Mixing Faucet, Panel Mounted

Application: Panel mounted faucet for hot and cold water with horizontal inlets on 8" centers.

Body: Cast brass.

Valve Units: WaterSaver self-contained compression valve units with replaceable stainless steel seats.

Handles: Forged brass four-arm handles with color-coded index discs.

Gooseneck: 6" swing gooseneck.

Vacuum Breaker: Integral vacuum breaker to prevent backflow. Vacuum breaker has replaceable seat and ultra-light float cup to resist spilling at low flow.

Inlets: Furnished with 3/8" IPS mounting shanks (assembled), locknuts and washers. 3/8" NPT male union inlets.

Outlet: 3/8" NPS female outlet with removable anti-splash serrated hose end.

Quality Assurance: Faucet is fully assembled and factory tested prior to shipment.

Additional Models
L511VB-WSA: Same as above except with rigid gooseneck.
L514VB-WSA: Same as above except with convertible rigid/swing gooseneck.

Note: *If vacuum breaker is not required, delete suffix "VB".*

If mounting shanks are to be unassembled, use suffix "WS".

L1712VB-WSA
Mixing Faucet, Panel Mounted

Application: Panel mounted faucet for hot and cold water with horizontal inlets on 6" centers.

Body: Cast brass.

Valve Units: WaterSaver self-contained compression valve units with replaceable stainless steel seats.

Handles: Forged brass four-arm handles with color-coded index discs.

Gooseneck: 6" swing gooseneck.

Vacuum Breaker: Integral vacuum breaker to prevent backflow. Vacuum breaker has replaceable seat and ultra-light float cup to resist spilling at low flow.

Inlets: Furnished with 3/8" IPS mounting shanks (assembled), locknuts and washers. 3/8" NPT male union inlets.

Outlet: 3/8" NPS female outlet with removable anti-splash serrated hose end.

Quality Assurance: Faucet is fully assembled and factory tested prior to shipment.

Additional Models
L1711VB-WSA: Same as above except with rigid gooseneck.
L1714VB-WSA: Same as above except with convertible rigid/swing gooseneck.

Note: *If vacuum breaker is not required, delete suffix "VB".*

If mounting shanks are to be unassembled, use suffix "WS".

L66VB-WSA
Double Service Fixture

Application: Deck mounted fixture for cold water and either gas, air or vacuum.

Base and Valve Body: Forged brass.

Valve Unit: WaterSaver self-contained compression valve unit with replaceable stainless steel seat.

Handle: Forged brass four-arm handle with color-coded index disc.

Gooseneck: 6" rigid gooseneck with 3/8" NPS female outlet and removable anti-splash serrated hose end.

Vacuum Breaker: Integral vacuum breaker to prevent backflow. Vacuum breaker has replaceable seat and ultra-light float cup to resist spilling at low flow.

Ball Valves: (2) laboratory ball valves for gas, air or vacuum service (specify service when ordering). Valves are forged brass with lever handle and integral seven serration hose end.

Inlets: Furnished with 3/8" IPS mounting shanks (assembled), locknuts and washers. (2) 3/8" NPT male inlets.

Quality Assurance: Fixture is fully assembled and factory tested prior to shipment.

Note: *If vacuum breaker is not required, delete suffix "VB".*

L68VB-WSA
Triple Service Fixture

Application: Deck mounted fixture for cold water and gas, air or vacuum. Fixture has three inlets, so valves may be used for different services.

Base and Valve Body: Forged brass.

Valve Unit: WaterSaver self-contained compression valve unit with replaceable stainless steel seat.

Handle: Forged brass four-arm handle with color-coded index disc.

Gooseneck: 6" rigid gooseneck with 3/8" NPS female outlet and removable anti-splash serrated hose end.

Vacuum Breaker: Integral vacuum breaker to prevent backflow. Vacuum breaker has replaceable seat and ultra-light float cup to resist spilling at low flow.

Ball Valves: (2) laboratory ball valves for gas, air or vacuum service (specify service when ordering). Valves may be used for different services. Valves are forged brass with lever handle and integral seven serration hose end.

Inlets: Furnished with 3/8" IPS mounting shanks (assembled), locknuts and washers. (3) 3/8" NPT male inlets.

Quality Assurance: Fixture is fully assembled and factory tested prior to shipment.

Note: *If vacuum breaker is not required, delete suffix "VB".*

L5300WSA
Double Service Fixture, Heavy Duty

Application: Deck mounted fixture for cold water and either gas, air or vacuum.

Base and Valve Body: Forged brass.

Riser: 1/2" IPS heavy wall brass pipe.

Water Valve Unit: WaterSaver self-contained compression valve unit with replaceable stainless steel seat.

Handle: Forged brass four-arm handle with color-coded index disc.

Ball Valves: (2) laboratory ball valves for gas, air or vacuum service (specify service when ordering). Valves are forged brass with lever handle and integral seven serration hose end.

Inlets: Furnished with 3/8" IPS mounting shanks (assembled), locknuts and washers. (2) 3/8" NPT male inlets.

Quality Assurance: Fixture is fully assembled and factory tested prior to shipment.

Additional Model
L5300-110WSA: Same as above except with L110 in-line vacuum breaker on water outlet.

Note: *The L5300WSA and L5300-110WSA are available with fully vandal-resistant construction. Please refer to the WaterSaver Vandal-Resistant Fixture catalog or to the WaterSaver website (wsflab.com) for further information.*

Options for Combination Fixtures
Valve Unit: Compression valve unit with adjustable volume control (add prefix "LA") or ceramic disc valve unit (add prefix "LC").
Handle: 4" wrist blade handle in place of four-arm handle (add suffix "BH").
Gooseneck: 8" spread gooseneck in place of 6" (add suffix "8"). For other gooseneck spreads and heights, please refer to page 56.
Outlet: BO055 aerator in place of serrated hose end (add suffix "55").

L5400WSA

Double Service Fixture, Heavy Duty

Application: Deck mounted fixture for cold water and either gas, air or vacuum.

Base and Valve Body: Forged brass.

Riser: 1/2" IPS heavy wall brass pipe.

Water Valve Unit: WaterSaver self-contained compression valve unit with replaceable stainless steel seat.

Handle: Forged brass four-arm handle with color-coded index disc.

Ball Valves: (2) laboratory ball valves for gas, air or vacuum service (specify service when ordering). Valves are forged brass with lever handle and integral seven serration hose end.

Inlets: Furnished with 3/8" IPS mounting shanks (assembled), locknuts and washers. (2) 3/8" NPT male inlets.

Quality Assurance: Fixture is fully assembled and factory tested prior to shipment.

Additional Model

L5400-110WSA: Same as above except with L110 in-line vacuum breaker on water outlet.

Note: *The L5400WSA and L5400-110WSA are available with fully vandal-resistant construction. Please refer to the WaterSaver Vandal-Resistant Fixture catalog or to the WaterSaver website (wsflab.com) for further information.*

L5800WSA

Double Service Fixture, Heavy Duty, Hot and Cold Water

Application: Deck mounted fixture for hot and cold water and either gas, air or vacuum.

Base: Forged brass.

Riser: 1/2" IPS heavy wall brass pipe.

Water Valve Units: WaterSaver self-contained compression valve units with replaceable stainless steel seats.

Handles: Forged brass four-arm handles with color-coded index discs.

Ball Valves: (2) laboratory ball valves for gas, air or vacuum service (specify service when ordering). Valves are forged brass with lever handle and integral seven serration hose end.

Inlets: Water valve has 1-3/16" male shank with (2) 3/8" OD flexible copper tubes. Ball valves have 3/8" IPS mounting shank (assembled) with 3/8" NPT male inlet. Furnished complete with locknuts and washers.

Quality Assurance: Fixture is fully assembled and factory tested prior to shipment.

Additional Model

L5800-110WSA: Same as above except with L110 in-line vacuum breaker on water outlet.

Note: *The L5800WSA and L5800-110WSA are available with fully vandal-resistant construction. Please refer to the WaterSaver Vandal-Resistant Fixture catalog or to the WaterSaver website (wsflab.com) for further information.*

Options for Combination Fixtures

Valve Unit: Compression valve unit with adjustable volume control (add prefix “LA”) or ceramic disc valve unit (add prefix “LC”).
Handle: 4" wrist blade handle in place of four-arm handle (add suffix “BH”).
Outlet: BO055 aerator in place of serrated hose end (add suffix “55”).

L3001
Foot-Operated Mixing Valve

Application: Floor mounted foot-operated valve for hot and cold water.

Body: Forged brass with polished chrome plated finish.

Valve Units: Self-closing renewable units with stainless steel valve stems.

Pedals: Forged brass pedals mounted on hinged bracket.

Inlets: (2) 1/2" NPT female inlets.

Outlet: 1/2" NPT female outlet.

Quality Assurance: Valve is fully assembled and factory tested prior to shipment.

Additional Model
L3001LP: Same as above except with extended pedals for ledge mounting.

L3050
Foot-Operated Single Valve

Application: Floor mounted foot-operated valve for cold, hot or tempered water.

Body: Forged brass with polished chrome plated finish.

Valve Unit: Self-closing renewable unit with stainless steel valve stem.

Pedal: Forged brass pedal mounted on hinged bracket.

Inlet: 1/2" NPT female inlet.

Outlet: 1/2" NPT female outlet.

Quality Assurance: Valve is fully assembled and factory tested prior to shipment.

Additional Models
L3050LP: Same as above except with extended pedal for ledge mounting.
L3050TL: Same as above except tin-lined for use with pure water.

L071WSA
Gooseneck, Panel Mounted

Application: Panel mounted gooseneck for use with foot-operated valve.

Body: Brass bar stock.

Gooseneck: 6" rigid gooseneck with 3/8" NPS female outlet and removable anti-splash serrated hose end.

Inlet: Furnished with 3/8" IPS mounting shank (assembled), locknut and washer. 3/8" NPT male inlet.

Quality Assurance: Fixture is fully assembled and factory tested prior to shipment.

Additional Models
L072WSA: Same as above except with swing gooseneck.
L074WSA: Same as above except with convertible rigid/swing gooseneck.

Note: *If vacuum breaker is required, add suffix "VB".*

If tin-lining for use with pure water is required, add suffix "TL".

L081WSA
Gooseneck, Deck Mounted

Application: Deck mounted gooseneck for use with foot-operated valve.

Body: Brass bar stock.

Gooseneck: 6" rigid gooseneck with 3/8" NPS female outlet and removable anti-splash serrated hose end.

Inlet: Furnished with 3/8" IPS mounting shank (assembled), locknut and washer. 3/8" NPT male inlet.

Quality Assurance: Fixture is fully assembled and factory tested prior to shipment.

Additional Models
L082WSA: Same as above except with swing gooseneck.
L084WSA: Same as above except with convertible rigid/swing gooseneck.

Note: *If vacuum breaker is required, add suffix "VB".*

If tin-lining for use with pure water is required, add suffix "TL".

Options for Goosenecks
Gooseneck: 8" spread gooseneck in place of 6" (add suffix "8"). For other gooseneck spreads and heights, please refer to page 56.
Outlet: BO055 aerator in place of serrated hose end (add suffix "55").

PR411

Pre-Rinse Unit, Deck Mounted

Application: Deck mounted pre-rinse unit for hot and cold water.

Body: Forged brass.

Valve Units: WaterSaver self-contained compression valve units with replaceable stainless steel seats and integral check valves. Check valves prevent cross-mixing of hot and cold water.

Handles: Forged brass four-arm handles with color-coded index discs.

Pre-Rinse Assembly: Self-closing squeeze valve with rubber-bound spray head, insulated handle and locking ring. Valve is mounted on spring loaded 39" stainless steel hose.

Inlet: 1-3/16" male shank with (2) 3/8" OD flexible copper tubes. Furnished complete with locknut and washer.

Quality Assurance: Pre-rinse unit is fully assembled and factory tested prior to shipment.

Additional Model

PR611: Same as above except for cold water only.

Note: *If vacuum breaker is required, add suffix "110".*

PR1711WSA

Pre-Rinse Unit, Panel Mounted

Application: Panel mounted pre-rinse unit for hot and cold water.

Body: Cast brass.

Valve Units: WaterSaver self-contained compression valve units with replaceable stainless steel seats and integral check valves. Check valves prevent cross-mixing of hot and cold water.

Handles: Forged brass four-arm handles with color-coded index discs.

Pre-Rinse Assembly: Self-closing squeeze valve with rubber-bound spray head, insulated handle and locking ring. Valve is mounted on spring loaded 39" stainless steel hose.

Inlet: Furnished with 3/8" IPS mounting shanks (assembled), locknuts and washers. 3/8" NPT male union inlets.

Quality Assurance: Pre-rinse unit is fully assembled and factory tested prior to shipment.

Note: *If mounting shanks are to be unassembled, use suffix "WS".*

If vacuum breaker is required, add suffix "110".

PR1020

Pre-Rinse Unit, Deck Mounted

Application: Deck mounted pre-rinse spray unit. Unit may be connected directly to cold or tempered water supply or used with a foot-operated valve (see page 22).

Spray Head: Brass spray-type outlet head with rubber collar.

Valve: Forged brass self-closing squeeze valve with insulated handle.

Hose: 8' reinforced PVC hose. 300 PSI maximum rated working pressure.

Mounting: Nylon deck flange for countertop mounting.

Inlet: 3/8" NPT male swivel-type inlet.

Quality Assurance: Pre-rinse unit is fully assembled and factory tested prior to shipment.

Additional Model

PR1020FSH: Same as above except with 8' stainless steel hose.

Note: *If vacuum breaker is required, add suffix "110".*

Options for Pre-Rinse Units

Handles: 4" wrist blade handles in place of four-arm handles (add suffix "BH").

L681

Pure Water Faucet, Deck Mounted, Self-Closing Control

Application: Deck mounted faucet for distilled, deionized or reverse osmosis water. All components in contact with water have interior lining of pure tin.

Body: Forged brass.

Valve Unit: WaterSaver self-contained renewable unit with replaceable stainless steel seat. Valve has self-closing control.

Handle: Forged brass four-arm self-closing handle with color-coded index disc.

Gooseneck: 6" rigid gooseneck. Gooseneck is set in right hand configuration unless left hand or 180 degrees is specified.

Inlet: Furnished with 3/8" IPS mounting shank (assembled), locknut and washer. 3/8" NPT male inlet.

Outlet: 3/8" NPS female outlet with removable anti-splash serrated hose end.

Quality Assurance: Faucet is fully assembled and factory tested prior to shipment.

Additional Models

L682: Same as above except with swing gooseneck.
L684: Same as above except with convertible rigid/swing gooseneck.

Note: *If self-closing lever handle is required, add suffix "LE".*

L691

Pure Water Faucet, Deck Mounted, Manual Control

Application: Deck mounted faucet for distilled, deionized or reverse osmosis water. All components in contact with water have interior lining of pure tin.

Body: Forged brass.

Valve Unit: WaterSaver self-contained renewable unit with replaceable stainless steel seat. Valve has manual on/off control.

Handle: Forged brass four-arm handle with color-coded index disc.

Gooseneck: 6" rigid gooseneck. Gooseneck is set in right hand configuration unless left hand or 180 degrees is specified.

Inlet: Furnished with 3/8" IPS mounting shank (assembled), locknut and washer. 3/8" NPT male inlet.

Outlet: 3/8" NPS female outlet with removable anti-splash serrated hose end.

Quality Assurance: Faucet is fully assembled and factory tested prior to shipment.

Additional Models

L692: Same as above except with swing gooseneck.
L694: Same as above except with convertible rigid/swing gooseneck.

Note: *If wrist blade handle is required, add suffix "BH".*

L2800-131WSA-TL

Pure Water Valve, Deck Mounted

Application: Deck mounted valve for distilled, deionized or reverse osmosis water. All components in contact with water have interior lining of pure tin.

Mounting: Deck mounted turret base with single outlet.

Valve Body: Straight pattern forged brass.

Valve Unit: WaterSaver self-contained compression valve unit with replaceable stainless steel seat.

Handle: Forged brass four-arm handle with color-coded index disc.

Inlet: Furnished with 3/8" IPS mounting shank (assembled), locknut and washer. 3/8" NPT male inlet.

Outlet: 3/8" NPT female outlet with removable anti-splash serrated hose end.

Quality Assurance: Fixture is fully assembled and factory tested prior to shipment.

Additional Model

L2800-132SWSA-TL: Same as above except with two valves at 180 degrees.

Options for Tin-Lined Pure Water Faucets

Gooseneck: 8" spread gooseneck in place of 6" (add suffix "8"). For other gooseneck spreads and heights, please refer to page 56.
Vacuum Breaker: Gooseneck with integral vacuum breaker (add suffix "VB").
Outlet: BO055 aerator in place of serrated hose end (add suffix "55").

L2784WSA

Pure Water Faucet, Panel Mounted, Self-Closing Control

Application: Panel mounted faucet for distilled, deionized or reverse osmosis water. All components in contact with water have interior lining of pure tin.

Body: Forged brass.

Valve Unit: WaterSaver self-contained renewable unit with replaceable stainless steel seat. Valve has self-closing control.

Handle: Forged brass four-arm self-closing handle with color-coded index disc.

Gooseneck: 6" rigid/swing gooseneck.

Inlet: Furnished with 1/2" IPS mounting shank (assembled), locknut and washer. 1/2" NPT male inlet.

Outlet: 3/8" NPS female outlet with removable anti-splash serrated hose end.

Quality Assurance: Faucet is fully assembled and factory tested prior to shipment.

Additional Model

L2784L-WSA: Same as above except with handle on left side.

Note: *If self-closing lever handle is required, add suffix "LE".*

If mounting shank is to be unassembled, use suffix "WS".

L2794WSA

Pure Water Faucet, Panel Mounted, Manual Control

Application: Panel mounted faucet for distilled, deionized or reverse osmosis water. All components in contact with water have interior lining of pure tin.

Body: Forged brass.

Valve Unit: WaterSaver self-contained renewable unit with replaceable steel seat. Valve has manual on/off control.

Handle: Forged brass four-arm handle with color-coded index disc.

Gooseneck: 6" rigid/swing gooseneck.

Inlet: Furnished with 1/2" IPS mounting shank (assembled), locknut and washer. 1/2" NPT male inlet.

Outlet: 3/8" NPS female outlet with removable anti-splash serrated hose end.

Quality Assurance: Faucet is fully assembled and factory tested prior to shipment.

Additional Model

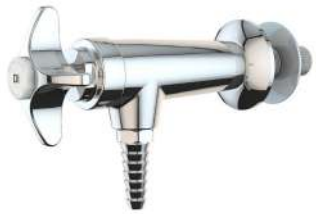
L2794L-WSA: Same as above except with handle on left side.

Note: *If wrist blade handle is required, add suffix "BH".*

If mounting shank is to be unassembled, use suffix "WS".

L5100F-225WSA-TL

Pure Water Valve, Panel Mounted



Application: Panel mounted valve for distilled, deionized or reverse osmosis water. All components in contact with water have interior lining of pure tin.

Mounting: For installation on vertical or horizontal surfaces (such as pipe chases or service carriers) where there is access behind surface during installation.

Valve Body: Angle pattern forged brass.

Valve Unit: WaterSaver self-contained compression valve unit with replaceable stainless steel seat.

Handle: Forged brass four-arm handle with color-coded index disc.

Inlet: Furnished with 3/8" IPS mounting shank (assembled), locknut and washer. 3/8" NPT male inlet.

Outlet: 3/8" NPT female outlet with removable anti-splash serrated hose end.

Quality Assurance: Fixture is fully assembled and factory tested prior to shipment.

Additional Model

L5100FT-325TL: Same as above except with adjustable escutcheon for wall mounting.

Options for Tin-Lined Pure Water Faucets

Gooseneck: 8" spread gooseneck in place of 6" (add suffix "8"). For other gooseneck spreads and heights, please refer to page 56.
Vacuum Breaker: Gooseneck with integral vacuum breaker (add suffix "VB").
Outlet: BO055 aerator in place of serrated hose end (add suffix "55").

L7833

Pure Water Faucet, Polypropylene-Lined, Deck Mounted

Application: Deck mounted faucet for distilled, deionized or reverse osmosis water. Faucet has exterior brass casing and interior lining of inert polypropylene. Pure water comes in contact only with inert plastic.

Valve Body: Forged brass.

Valve Unit: Diaphragm-type valve with brass valve stem and bonnet and inert PTFE diaphragm. Valve has manual on/off control.

Handle: White nylon knurled handle with color-coded index disc.

Riser: 6" rigid brass riser.

Inlet: Furnished with 3/8" IPS mounting shank (assembled), locknut and washer.

Pure water inlet is 3/8" OD polypropylene tube.

Outlet: Seven serration plastic hose end.

Quality Assurance: Faucet is fully assembled and factory tested prior to shipment.

Additional Models

L7833SC: Same as above except with toggle-style lever handle and self-closing control.
L7833MSC: Same as above except with toggle-style lever handle and combination manual/self-closing control.

Note: *If PVDF lining is required, add suffix "PVDF".*

L7834

Pure Water Faucet, Polypropylene-Lined, Panel Mounted

Application: Panel mounted faucet for distilled, deionized or reverse osmosis water. Faucet has exterior brass casing and interior lining of inert polypropylene. Pure water comes in contact only with inert plastic.

Valve Body: Forged brass.

Valve Unit: Diaphragm-type valve with brass valve stem and bonnet and inert PTFE diaphragm. Valve has manual on/off control.

Handle: White nylon knurled handle with color-coded index disc.

Riser: 6" rigid brass riser.

Inlet: Furnished with 3/8" IPS mounting shank (assembled), locknut and washer.

Pure water inlet is 3/8" OD polypropylene tube.

Outlet: Seven serration plastic hose end.

Quality Assurance: Faucet is fully assembled and factory tested prior to shipment.

Additional Models

L7834SC: Same as above except with toggle-style lever handle and self-closing control.
L7834MSC: Same as above except with toggle-style lever handle and combination manual/self-closing control.

Note: *If PVDF lining is required, add suffix "PVDF".*

L7840

Pure Water Faucet, Polypropylene-Lined, Panel Mounted

Application: Panel mounted faucet for distilled, deionized or reverse osmosis water. Faucet has exterior brass casing and interior lining of inert polypropylene. Pure water comes in contact only with inert plastic

Valve Body: Forged brass.

Valve Unit: Diaphragm-type valve with brass valve stem and bonnet and inert PTFE diaphragm. Valve has manual on/off control.

Handle: White nylon knurled handle with color-coded index disc.

Inlet: Furnished with 3/8" IPS mounting shank (assembled), locknut and washer.

Pure water inlet is 3/8" OD polypropylene tube.

Outlet: Seven serration plastic hose end.

Quality Assurance: Faucet is fully assembled and factory tested prior to shipment.

Additional Models

L7840SC: Same as above except with toggle-style lever handle and self-closing control.
L7840MSC: Same as above except with toggle-style lever handle and combination manual/self-closing control.

Note: *If PVDF lining is required, add suffix "PVDF".*

Options for Plastic-Lined Pure Water Faucets

Gooseneck: 8" spread gooseneck in place of 6" (add suffix "8"). For other gooseneck spreads and heights, please refer to page 56.
Vacuum Breaker: In-line polypropylene vacuum breaker installed between valve and serrated hose end (add suffix "7110").

L7853

Pure Water Faucet, Polypropylene-Lined, Deck Mounted

Application: Deck mounted faucet for distilled, deionized or reverse osmosis water. Faucet has exterior brass casing and interior lining of inert polypropylene. Pure water comes in contact only with inert plastic.

Valve Body: Forged brass.

Valve Unit: Diaphragm-type valve. Brass valve stem and bonnet with inert PTFE diaphragm. Valve has manual on/off control.

Handle: White nylon knurled handle with color-coded index disc.

Gooseneck: 6" rigid gooseneck.

Inlet: Furnished with 1-3/16" dia. mounting shank (assembled), locknut and washer. Pure water inlet is 1/2" OD polypropylene tube.

Outlet: Seven serration plastic hose end.

Quality Assurance: Fixture is fully assembled and factory tested prior to shipment.

Additional Models

L7853SC: Same as above except with self-closing four-arm handle.
L7853SC-LE: Same as above except with self-closing lever handle.

Note: *If PVDF lining is required, add suffix "PVDF".*

L7854

Pure Water Faucet, Polypropylene-Lined, Panel Mounted

Application: Panel mounted faucet for distilled, deionized or reverse osmosis water. Faucet has exterior brass casing and interior lining of inert polypropylene. Pure water comes in contact only with inert plastic.

Valve Body: Forged brass.

Valve Unit: Diaphragm-type valve. Brass valve stem and bonnet with inert PTFE diaphragm. Valve has manual on/off control.

Handle: White nylon knurled handle with color-coded index disc.

Gooseneck: 6" rigid gooseneck.

Inlet: Furnished with 3/4" IPS mounting shank (assembled), locknut and washer. Pure water inlet is 1/4" NPT male thread.

Outlet: Seven serration plastic hose end.

Quality Assurance: Fixture is fully assembled and factory tested prior to shipment.

Additional Models

L7854L: Same as above except with handle on left side.
L7854SC: Same as above except with self-closing four-arm handle.
L7854SC-LE: Same as above except with self-closing lever handle.

Note: *If PVDF lining is required, add suffix "PVDF".*

L7837

Recirculating Pure Water Faucet, Polypropylene-Lined, Deck Mounted

Application: Recirculating deck mounted faucet for distilled, deionized or reverse osmosis water. Faucet is fully recirculating to eliminate all "dead legs" in pure water system.

Valve Body: Forged brass.

Valve Unit: Diaphragm-type valve. Brass valve stem and bonnet with inert PTFE diaphragm. Valve has manual on/off control.

Handle: White nylon knurled handle with color-coded index disc.

Riser: 6" rigid brass riser.

Inlet: Furnished with 7/8" OD mounting shank (assembled), locknut and washer. Pure water supply and return connections are 3/8" OD polypropylene tube.

Outlet: Seven serration plastic hose end.

Quality Assurance: Faucet is fully assembled and factory tested prior to shipment.

Note: *If PVDF lining is required, add suffix "PVDF".*

L2870

Fine Control Needle Valve,
Straight Pattern

Application: Precise flow regulation of laboratory gases. Ideal for special gases such as nitrogen, oxygen, helium and hydrogen. Valve is specially cleaned, lubricated and packaged for use with high purity gases.

Valve Body: Straight pattern forged brass.

Valve Unit: Floating tapered stainless steel needle and replaceable stainless steel seat.

Handle: Forged brass four-arm handle with color-coded index disc.

Inlet: 3/8" NPT male inlet.

Outlet: 3/8" NPT female outlet with removable ten serration hose end.

Quality Assurance: Valve is fully assembled and factory tested prior to shipment.

Additional Models

L2872: Fine control needle valve with angle serrated hose end
L2873: Fine control needle valve with quick connect fitting.
L2874: Fine control needle valve with 1/4" OD compression fitting.

L2870-131WSA

Fine Control Needle Valve,
Deck Mounted

Mounting: Deck mounted turret base with single outlet.

Valve Body: Straight pattern forged brass.

Valve Unit: Floating tapered stainless steel needle and replaceable stainless steel seat.

Handle: Forged brass four-arm handle with color-coded index disc.

Inlet: Furnished with 3/8" IPS mounting shank (assembled), locknut and washer. 3/8" NPT male inlet.

Outlet: 3/8" NPT female outlet with removable ten serration hose end.

Cleaning: Fixture is specially cleaned, lubricated, assembled and packaged for use with high purity gases, including oxygen.

Quality Assurance: Fixture is fully assembled and factory tested prior to shipment.

Additional Models

L2870-132AWSA: Same as above except with two valves at 90 degrees.
L2870-132SWSA: Same as above except with two valves at 180 degrees.
L2870-134WSA: Same as above except with four valves.

L2870-141FT

Double Fine Control Needle Valve,
Wall Mounted

Mounting: For installation on vertical surfaces (such as drywall) where there is no access behind wall during installation.

Valve Bodies: Straight pattern forged brass.

Valve Units: Floating tapered stainless steel needle and replaceable stainless steel seat.

Handles: Forged brass four-arm handles with color-coded index discs.

Inlet: 3/8" NPT female inlet with adjustable escutcheon.

Outlets: 3/8" NPT female outlets with removable ten serration hose ends.

Cleaning: Fixture is specially cleaned, lubricated, assembled and packaged for use with high purity gases, including oxygen.

Quality Assurance: Fixture is fully assembled and factory tested prior to shipment.

L2870-141WSA

Double Fine Control Needle Valve,
Panel/Overhead Mounted

Mounting: For installation on vertical or horizontal surfaces (such as pipe chases and service carriers) where there is access behind surface during installation.

Valve Bodies: Straight pattern forged brass.

Valve Units: Floating tapered stainless steel needle and replaceable stainless steel seat.

Handles: Forged brass four-arm handles with color-coded index discs.

Inlet: Furnished with 3/8" IPS mounting shank (assembled), locknut and washer. 3/8" NPT male inlet.

Outlets: 3/8" NPT female outlets with removable ten serration hose ends.

Cleaning: Fixture is specially cleaned, lubricated, assembled and packaged for use with high purity gases, including oxygen.

Quality Assurance: Fixture is fully assembled and factory tested prior to shipment.

L3170

Fine Control Needle Valve,
Angle Pattern

Application: Precise flow regulation of laboratory gases. Ideal for special gases such as nitrogen, oxygen, helium and hydrogen. Valve is specially cleaned, lubricated and packaged for use with high purity gases.

Valve Body: Angle pattern forged brass.

Valve Unit: Floating tapered stainless steel needle and replaceable stainless steel seat.

Handle: Forged brass four-arm handle with color-coded index disc.

Inlet: 3/8" NPT male inlet.

Outlet: 3/8" NPT female outlet with removable ten serration hose end.

Quality Assurance: Valve is fully assembled and factory tested prior to shipment.

Additional Models

L3172: Fine control needle valve with angle serrated hose end.
L3173: Fine control needle valve with quick connect fitting.
L3174: Fine control needle valve with 1/4" OD compression fitting.

L3170-131WSA

Fine Control Needle Valve,
Overhead Mounted

Mounting: Turret base with single outlet for mounting underneath reagent shelf.

Valve Body: Angle pattern forged brass.

Valve Unit: Floating tapered stainless steel needle and replaceable stainless steel seat.

Handle: Forged brass four-arm handle with color-coded index disc.

Inlet: Furnished with 3/8" IPS mounting shank (assembled), locknut and washer. 3/8" NPT male inlet.

Outlet: 3/8" NPT female outlet with removable ten serration hose end.

Cleaning: Fixture is specially cleaned, lubricated, assembled and packaged for use with high purity gases, including oxygen.

Quality Assurance: Fixture is fully assembled and factory tested prior to shipment.

Additional Model

L3170-132SWSA: Same as above except with two valves at 180 degrees.

L3170-141FT

Double Fine Control Needle Valve,
Wall Mounted

Mounting: For installation on vertical surfaces (such as drywall) where there is no access behind wall during installation.

Valve Bodies: Angle pattern forged brass.

Valve Units: Floating tapered stainless steel needle and replaceable stainless steel seat.

Handles: Forged brass four-arm handles with color-coded index discs.

Inlet: 3/8" NPT female inlet with adjustable escutcheon.

Outlets: 3/8" NPT female outlets with removable ten serration hose ends.

Cleaning: Fixture is specially cleaned, lubricated, assembled and packaged for use with high purity gases, including oxygen.

Quality Assurance: Fixture is fully assembled and factory tested prior to shipment.

L3170-141WSA

Double Fine Control Needle Valve,
Panel/Overhead Mounted

Mounting: For installation on vertical or horizontal surfaces (such as pipe chases and service carriers) where there is access behind surface during installation.

Valve Bodies: Angle pattern forged brass.

Valve Units: Floating tapered stainless steel needle and replaceable stainless steel seat.

Handles: Forged brass four-arm handles with color-coded index discs.

Inlet: Furnished with 3/8" IPS mounting shank (assembled), locknut and washer. 3/8" NPT male inlet.

Outlets: 3/8" NPT female outlets with removable ten serration hose ends.

Cleaning: Fixture is specially cleaned, lubricated, assembled and packaged for use with high purity gases, including oxygen.

Quality Assurance: Fixture is fully assembled and factory tested prior to shipment.

WaterSaver

L4870FT-325

Fine Control Needle Valve, Wall Mounted

Mounting: For installation on vertical surfaces (such as drywall) where there is no access behind wall during installation. Valve is threaded onto nipple stubbed out of wall.

Valve Body: Straight pattern forged brass.

Valve Unit: Floating tapered stainless steel needle and replaceable stainless steel seat.

Handle: Forged brass four-arm handle with color-coded index disc.

Inlet: 3/8" NPT female inlet with adjustable escutcheon.

Outlet: 3/8" NPT female outlet with removable ten serration hose end.

Cleaning: Fixture is specially cleaned, lubricated, assembled and packaged for use with high purity gases, including oxygen.

Quality Assurance: Fixture is fully assembled and factory tested prior to shipment.

L4870F-225WSA

Fine Control Needle Valve, Panel/Overhead Mounted

Mounting: For installation on vertical or horizontal surfaces (such as pipe chases and service carriers) where there is access behind surface during installation.

Valve Body: Straight pattern forged brass.

Valve Unit: Floating tapered stainless steel needle and replaceable stainless steel seat.

Handle: Forged brass four-arm handle with color-coded index disc.

Inlet: Furnished with 3/8" IPS mounting shank (assembled), locknut and washer. 3/8" NPT male inlet.

Outlet: 3/8" NPT female outlet with removable ten serration hose end.

Cleaning: Fixture is specially cleaned, lubricated, assembled and packaged for use with high purity gases, including oxygen.

Quality Assurance: Fixture is fully assembled and factory tested prior to shipment.

L5170FT-325

Fine Control Needle Valve, Wall Mounted

Mounting: For installation on vertical surfaces (such as drywall) where there is no access behind wall during installation.

Valve Body: Angle pattern forged brass.

Valve Unit: Floating tapered stainless steel needle and replaceable stainless steel seat.

Handle: Forged brass four-arm handle with color-coded index disc.

Inlet: 3/8" NPT female inlet with adjustable escutcheon.

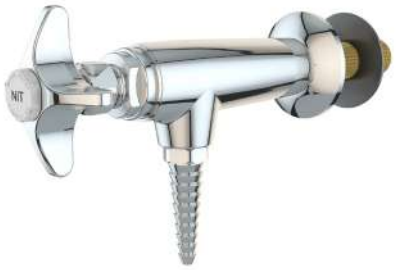
Outlet: 3/8" NPT female outlet with removable ten serration hose end.

Cleaning: Fixture is specially cleaned, lubricated, assembled and packaged for use with high purity gases, including oxygen.

Quality Assurance: Fixture is fully assembled and factory tested prior to shipment.

L5170F-225WSA

Fine Control Needle Valve, Panel Mounted



Mounting: For installation on vertical surfaces (such as pipe chases and service carriers) where there is access behind surface during installation.

Valve Body: Angle pattern forged brass.

Valve Unit: Floating tapered stainless steel needle and replaceable stainless steel seat.

Handle: Forged brass four-arm handle with color-coded index disc.

Inlet: Furnished with 3/8" IPS mounting shank (assembled), locknut and washer. 3/8" NPT male inlet.

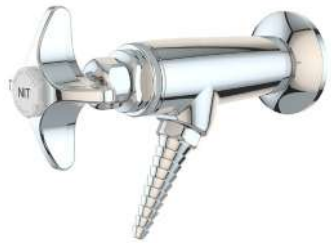
Outlet: 3/8" NPT female outlet with removable ten serration hose end.

Cleaning: Fixture is specially cleaned, lubricated, assembled and packaged for use with high purity gases, including oxygen.

Quality Assurance: Fixture is fully assembled and factory tested prior to shipment.

L5270FT-325

Fine Control Needle Valve, Wall Mounted, Angle Outlet



Mounting: For installation on vertical surfaces (such as drywall) where there is no access behind wall during installation.

Valve Body: Angle pattern forged brass with angled outlet.

Valve Unit: Floating tapered stainless steel needle and replaceable stainless steel seat.

Handle: Forged brass four-arm handle with color-coded index disc.

Inlet: 3/8" NPT female inlet.

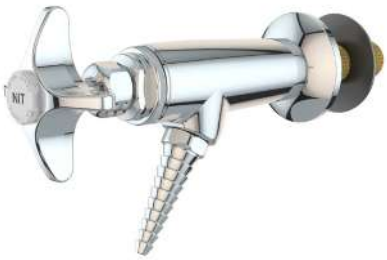
Outlet: 3/8" NPT female angled outlet with removable ten serration hose end.

Cleaning: Fixture is specially cleaned, lubricated, assembled and packaged for use with high purity gases, including oxygen.

Quality Assurance: Fixture is fully assembled and factory tested prior to shipment.

L5270F-225WSA

Fine Control Needle Valve, Panel Mounted, Angle Outlet



Mounting: For installation on vertical surfaces (such as pipe chases and service carriers) where there is access behind surface during installation.

Valve Body: Angle pattern forged brass with angled outlet.

Valve Unit: Floating tapered stainless steel needle and replaceable stainless steel seat.

Handle: Forged brass four-arm handle with color-coded index disc.

Inlet: Furnished with 3/8" IPS mounting shank (assembled), locknut and washer. 3/8" NPT male inlet.

Outlet: 3/8" NPT female angled outlet with removable ten serration hose end.

Cleaning: Fixture is specially cleaned, lubricated, assembled and packaged for use with high purity gases, including oxygen.

Quality Assurance: Fixture is fully assembled and factory tested prior to shipment.

Options for Fine Control Needle Valves

BO183 Compression Fitting: Compression fitting for 3/8" OD tube. Polished chrome plated finish. 3/8" NPT male inlet, 3/8" OD compression outlet.

BO183-1/4 Compression Fitting: Compression fitting for 1/4" OD tube. Polished chrome plated finish. 3/8" NPT male inlet, 1/4" OD compression outlet.

BO191-2M Quick Connect Fitting: Body has internal shut-off valve. Polished chrome plated finish. 3/8" NPT male inlet, 1/4" NPT male outlet.

BO191-3M: Same as above except with 3/8" NPT male outlet.

L2880
Needle Valve, Straight Pattern

Application: Flow regulation of all laboratory gases, including special gases such as nitrogen, oxygen, helium and hydrogen. When ordered, valve may be specially cleaned, lubricated and packaged for pure gas service. Valve is certified for natural gas service by CSA International.

Valve Body: Straight pattern forged brass.

Valve Unit: Floating stainless steel needle and replaceable stainless steel seat.

Handle: Forged brass four-arm handle with color-coded index disc.

Inlet: 3/8" NPT male inlet.

Outlet: 3/8" NPT female outlet with removable ten serration hose end.

Quality Assurance: Valve is fully assembled and factory tested prior to shipment.

Additional Models
L2882: Needle valve with angle serrated hose end.
L2883: Needle valve with quick connect fitting.
L2884: Needle valve with 1/4" OD compression fitting.

L2880-131WSA
Needle Valve, Deck Mounted

Mounting: Deck mounted turret base with single outlet.

Valve Body: Straight pattern forged brass.

Valve Unit: Floating stainless steel needle and replaceable stainless steel seat.

Handle: Forged brass four-arm handle with color-coded index disc.

Inlet: Furnished with 3/8" IPS mounting shank (assembled), locknut and washer. 3/8" NPT male inlet.

Outlet: 3/8" NPT female outlet with removable ten serration hose end.

Quality Assurance: Fixture is fully assembled and factory tested prior to shipment.

Additional Models
L2880-132AWSA: Same as above except with two valves at 90 degrees.
L2880-132SWSA: Same as above except with two valves at 180 degrees.
L2880-134WSA: Same as above except with four valves.

L2880-141FT
Double Needle Valve, Wall Mounted

Mounting: For installation on vertical surfaces (such as drywall) where there is no access behind wall during installation.

Valve Bodies: Straight pattern forged brass.

Valve Units: Floating stainless steel needle and replaceable stainless steel seat.

Handles: Forged brass four-arm handles with color-coded index discs.

Inlet: 3/8" NPT female inlet with adjustable escutcheon.

Outlets: 3/8" NPT female outlets with removable ten serration hose ends.

Quality Assurance: Fixture is fully assembled and factory tested prior to shipment.

L2880-141WSA
Double Needle Valve, Panel/Overhead Mounted

Mounting: For installation on vertical or horizontal surfaces (such as pipe chases and service carriers) where there is access behind surface during installation.

Valve Bodies: Straight pattern forged brass.

Valve Units: Floating stainless steel needle and replaceable stainless steel seat.

Handles: Forged brass four-arm handles with color-coded index discs.

Inlet: Furnished with 3/8" IPS mounting shank (assembled), locknut and washer. 3/8" NPT male inlet.

Outlets: 3/8" NPT female outlets with removable ten serration hose ends.

Quality Assurance: Fixture is fully assembled and factory tested prior to shipment.

L3180
Needle Valve, Angle Pattern

Application: Flow regulation of all laboratory gases, including special gases such as nitrogen, oxygen, helium and hydrogen. When ordered, valve may be specially cleaned, lubricated and packaged for pure gas service. Valve is certified for natural gas service by CSA International.

Valve Body: Angle pattern forged brass.

Valve Unit: Floating stainless steel needle and replaceable stainless steel seat.

Handle: Forged brass four-arm handle with color-coded index disc.

Inlet: 3/8" NPT male inlet.

Outlet: 3/8" NPT female outlet with removable ten serration hose end.

Quality Assurance: Valve is fully assembled and factory tested prior to shipment.

Additional Models
L3182: Needle valve with angle serrated hose end.
L3183: Needle valve with quick connect fitting.
L3184: Needle valve with 1/4" OD compression fitting.

L3180-131WSA
Needle Valve, Overhead Mounted

Mounting: Turret base with single outlet for mounting underneath reagent shelf.

Valve Body: Angle pattern forged brass.

Valve Unit: Floating stainless steel needle and replaceable stainless steel seat.

Handle: Forged brass four-arm handle with color-coded index disc.

Inlet: Furnished with 3/8" IPS mounting shank (assembled), locknut and washer. 3/8" NPT male inlet.

Outlet: 3/8" NPT female outlet with removable ten serration hose end.

Quality Assurance: Fixture is fully assembled and factory tested prior to shipment.

Additional Model
L3180-132SWSA: Same as above except with two valves at 180 degrees.

L3180-141FT
Double Needle Valve, Wall Mounted

Mounting: For installation on vertical surfaces (such as drywall) where there is no access behind wall during installation. Wye fitting is threaded onto nipple stubbed out of wall. Threaded escutcheon is then backed up to wall to secure fixture and conceal pipe.

Valve Bodies: Angle pattern forged brass.

Valve Units: Floating stainless steel needle and replaceable stainless steel seat.

Handles: Forged brass four-arm handles with color-coded index discs.

Inlet: 3/8" NPT female inlet with adjustable escutcheon.

Outlets: 3/8" NPT female outlets with removable ten serration hose ends.

Quality Assurance: Fixture is fully assembled and factory tested prior to shipment.

L3180-141WSA
Double Needle Valve, Panel/Overhead Mounted

Mounting: For installation on vertical or horizontal surfaces (such as pipe chases and service carriers) where there is access behind surface during installation.

Valve Bodies: Angle pattern forged brass.

Valve Units: Floating stainless steel needle and replaceable stainless steel seat.

Handles: Forged brass four-arm handles with color-coded index discs.

Inlet: Furnished with 3/8" IPS mounting shank (assembled), locknut and washer. 3/8" NPT male inlet.

Outlets: 3/8" NPT female outlets with removable ten serration hose ends.

Quality Assurance: Fixture is fully assembled and factory tested prior to shipment.

L4880FT-325
Needle Valve, Wall Mounted

Mounting: For installation on vertical surfaces (such as drywall) where there is no access behind wall during installation. Valve is threaded onto nipple stubbed out of wall. Threaded escutcheon is then backed up to wall to secure valve and conceal pipe.

Valve Body: Straight pattern forged brass.

Valve Unit: Floating stainless steel needle and replaceable stainless steel seat.

Handle: Forged brass four-arm handle with color-coded index disc.

Inlet: 3/8" NPT female inlet with adjustable escutcheon.

Outlet: 3/8" NPT female outlet with removable ten serration hose end.

Quality Assurance: Fixture is fully assembled and factory tested prior to shipment.

L4880F-225WSA
Needle Valve, Panel/Overhead Mounted

Mounting: For installation on vertical or horizontal surfaces (such as pipe chases and service carriers) where there is access behind surface during installation. Threaded mounting shank is inserted through hole in surface and secured with locknut and washer.

Valve Body: Straight pattern forged brass.

Valve Unit: Floating stainless steel needle and replaceable stainless steel seat.

Handle: Forged brass four-arm handle with color-coded index disc.

Inlet: Furnished with 3/8" IPS mounting shank (assembled), locknut and washer. 3/8" NPT male inlet.

Outlet: 3/8" NPT female outlet with removable ten serration hose end.

Quality Assurance: Fixture is fully assembled and factory tested prior to shipment.

L5180FT-325
Needle Valve, Wall Mounted

Mounting: For installation on vertical surfaces (such as drywall) where there is no access behind wall during installation. Valve is threaded onto nipple stubbed out of wall. Threaded escutcheon is then backed up to wall to secure valve and conceal pipe.

Valve Body: Angle pattern forged brass.

Valve Unit: Floating stainless steel needle and replaceable stainless steel seat.

Handle: Forged brass four-arm handle with color-coded index disc.

Inlet: 3/8" NPT female inlet with adjustable escutcheon.

Outlet: 3/8" NPT female outlet with removable ten serration hose end.

Quality Assurance: Fixture is fully assembled and factory tested prior to shipment.

L5180F-225WSA
Needle Valve, Panel Mounted

Mounting: For installation on vertical surfaces (such as pipe chases and service carriers) where there is access behind surface during installation. Threaded mounting shank is inserted through hole in surface and secured with locknut and washer.

Valve Body: Angle pattern forged brass.

Valve Unit: Floating stainless steel needle and replaceable stainless steel seat.

Handle: Forged brass four-arm handle with color-coded index disc.

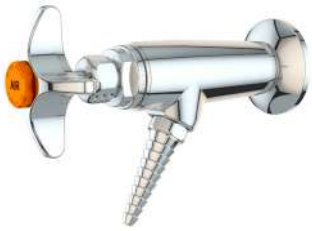
Inlet: Furnished with 3/8" IPS mounting shank (assembled), locknut and washer. 3/8" NPT male inlet.

Outlet: 3/8" NPT female outlet with removable ten serration hose end.

Quality Assurance: Fixture is fully assembled and factory tested prior to shipment.

L5280FT-325

Needle Valve, Wall Mounted, Angle Outlet



Mounting: For installation on vertical surfaces (such as drywall) where there is no access behind wall during installation. Valve is threaded onto nipple stubbed out of wall. Threaded escutcheon is then backed up to wall to secure valve and conceal pipe.

Valve Body: Angle pattern forged brass with angled outlet.

Valve Unit: Floating stainless steel needle and replaceable stainless steel seat.

Handle: Forged brass four-arm handle with color-coded index disc.

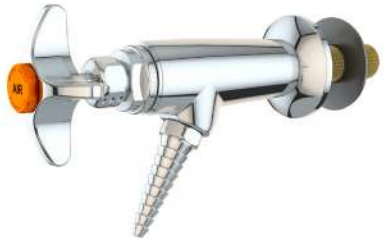
Inlet: 3/8" NPT female inlet with adjustable escutcheon.

Outlet: 3/8" NPT female angled outlet with removable ten serration hose end.

Quality Assurance: Fixture is fully assembled and factory tested prior to shipment.

L5280F-225WSA

Needle Valve, Panel Mounted, Angle Outlet



Mounting: For installation on vertical surfaces (such as pipe chases and service carriers) where there is access behind surface during installation. Threaded mounting shank is inserted through hole in surface and secured with locknut and washer.

Valve Body: Angle pattern forged brass with angled outlet.

Valve Unit: Floating stainless steel needle and replaceable stainless steel seat.

Handle: Forged brass four-arm handle with color-coded index disc.

Inlet: Furnished with 3/8" IPS mounting shank (assembled), locknut and washer. 3/8" NPT male inlet.

Outlet: 3/8" NPT female outlet with removable ten serration hose end.

Quality Assurance: Fixture is fully assembled and factory tested prior to shipment.

Options for Needle Valves

BO183 Compression Fitting: Compression fitting for 3/8" OD tube. Polished chrome plated finish. 3/8" NPT male inlet, 3/8" OD compression outlet.

BO183-1/4 Compression Fitting: Compression fitting for 1/4" OD tube. Polished chrome plated finish. 3/8" NPT male inlet, 1/4" OD compression outlet.

BO191-2M Quick Connect Fitting: Body has internal shut-off valve. Polished chrome plated finish. 3/8" NPT male inlet, 1/4" NPT male outlet.

BO191-3M: Same as above except with 3/8" NPT male outlet.

WaterSaver

L4100

Laboratory Ball Valve, Integral Hose End

Application: On/off control of all laboratory gases at pressures up to 100 PSI. When ordered, valve may be specially cleaned, lubricated and packaged for pure gas service. Valve is certified for natural gas service by CSA International and is recommended for ADA-compliant applications.

Valve Body: Forged brass.

Valve Unit: Quarter-turn open/close with chrome plated brass ball and molded PTFE seals.

Handle: Forged brass lever handle with color-coded index disc.

Inlet: 3/8" NPT male inlet.

Outlet: Integral (nonremovable) seven serration hose end.

Quality Assurance: Valve is fully assembled and factory tested prior to shipment.

L4100CV

Laboratory Ball Valve, Integral Hose End, Check Valve

Application: On/off control of all laboratory gases at pressures up to 100 PSI. Valve is furnished with internal check valve to prevent backflow into supply line. Valve is certified for natural gas service by CSA International and is recommended for ADA-compliant applications.

Valve Body: Forged brass.

Valve Unit: Quarter-turn open/close with chrome plated brass ball and molded PTFE seals.

Check Valve: Internal floating check to prevent backflow into gas system. *Check valve is not supplied in valves for vacuum service.*

Handle: Forged brass lever handle with color-coded index disc.

Inlet: 3/8" NPT male inlet.

Outlet: Integral (nonremovable) seven serration hose end.

Quality Assurance: Valve is fully assembled and factory tested prior to shipment.

L4100-131WSA

Laboratory Ball Valve, Deck Mounted

Mounting: Deck mounted turret base with single outlet.

Valve Body: Forged brass.

Valve Unit: Quarter-turn open/close with chrome plated brass ball and molded PTFE seals.

Handle: Forged brass lever handle with color-coded index disc.

Inlet: Furnished with 3/8" IPS mounting shank (assembled), locknut and washer. 3/8" NPT male inlet.

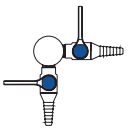
Outlet: Integral (nonremovable) seven serration hose end.

Quality Assurance: Fixture is fully assembled and factory tested prior to shipment.

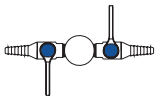
Additional Models

L4100-132AWSA: Same as above except with two valves at 90 degrees.
L4100-132SWSA: Same as above except with two valves at 180 degrees.
L4100-133WSA: Same as above except with three valves.
L4100-134WSA: Same as above except with four valves.

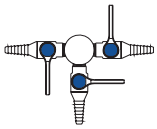
L4100-132AWSA



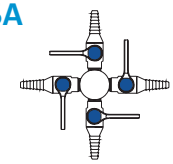
L4100-132SWSA



L4100-133WSA



L4100-134WSA



L4100-158FT

Laboratory Ball Valve, Wall Mounted

Mounting: For installation on vertical surfaces (such as drywall) where there is no access behind wall during installation. Flange is threaded onto nipple stubbed out of wall. Threaded escutcheon is then backed up to wall to secure valve and conceal pipe.

Valve Body: Forged brass.

Valve Unit: Quarter-turn open/close with chrome plated brass ball and molded PTFE seals.

Handle: Forged brass lever handle with color-coded index disc.

Inlet: 3/8" NPT female inlet with adjustable escutcheon.

Outlet: Integral (nonremovable) seven serration hose end.

Quality Assurance: Fixture is fully assembled and factory tested prior to shipment.

L4100-158WSA

Laboratory Ball Valve, Panel Mounted

Mounting: For installation on vertical or horizontal surfaces (such as pipe chases and service carriers) where there is access behind surface during installation. Threaded mounting shank is inserted through hole in surface and secured with locknut and washer.

Valve Body: Forged brass.

Valve Unit: Quarter-turn open/close with chrome plated brass ball and molded PTFE seals.

Handle: Forged brass lever handle with color-coded index disc.

Inlet: Furnished with 3/8" IPS mounting shank (assembled), locknut and washer. 3/8" NPT male inlet.

Outlet: Integral (nonremovable) seven serration hose end.

Quality Assurance: Fixture is fully assembled and factory tested prior to shipment.

L4100-141FT

Double Laboratory Ball Valve, Wall Mounted

Mounting: For installation on vertical surfaces (such as drywall) where there is no access behind wall during installation. Wye fitting is threaded onto nipple stubbed out of wall. Threaded escutcheon is then backed up to wall to secure valve and conceal pipe.

Valve Bodies: Forged brass.

Valve Units: Quarter-turn open/close with chrome plated brass ball and molded PTFE seals.

Handles: Forged brass lever handles with color-coded index discs.

Inlet: 3/8" NPT female inlet with adjustable escutcheon.

Outlets: Integral (nonremovable) seven serration hose ends.

Quality Assurance: Fixture is fully assembled and factory tested prior to shipment.

L4100-141WSA

Double Laboratory Ball Valve, Panel/Overhead Mounted

Mounting: For installation on vertical or horizontal surfaces (such as pipe chases and service carriers) where there is access behind surface during installation. Threaded mounting shank is inserted through hole in surface and secured with locknut and washer.

Valve Bodies: Forged brass.

Valve Units: Quarter-turn open/close with chrome plated brass ball and molded PTFE seals.

Handles: Forged brass lever handles with color-coded index discs.

Inlet: Furnished with 3/8" IPS mounting shank (assembled), locknut and washer. 3/8" NPT male inlet.

Outlets: Integral (nonremovable) seven serration hose ends.

Quality Assurance: Fixture is fully assembled and factory tested prior to shipment.

L4160

Laboratory Ball Valve, Integral Hose End, Lift/Turn Handle

Application: On/off control of all laboratory gases at pressures up to 100 PSI. Valve has spring loaded handle that locks in closed position. To open valve, handle must be lifted up to unlock. Valve is certified for natural gas service by CSA International.

Valve Body: Forged brass.

Valve Unit: Quarter-turn open/close with stainless steel valve stem, chrome plated brass ball and molded PTFE seals.

Handle: Color-coded molded nylon with brass insert and color-coded index disc. Valve handle locks in closed position. To open valve, lift up handle and turn to open position.

Inlet: 3/8" NPT male inlet.

Outlet: Integral (nonremovable) seven serration hose end.

Quality Assurance: Valve is fully assembled and factory tested prior to shipment.

L4160CV

Laboratory Ball Valve, Integral Hose End, Lift/Turn Handle, Check Valve

Application: On/off control of all laboratory gases at pressures up to 100 PSI. Valve has spring loaded handle that locks in closed position. To open valve, handle must be lifted up to unlock. Valve is certified for natural gas service by CSA International.

Valve Body: Forged brass.

Valve Unit: Quarter-turn open/close with stainless steel valve stem, chrome plated brass ball and molded PTFE seals.

Check Valve: Internal floating check to prevent backflow into gas system. *Check valve is not supplied in valves for vacuum service.*

Handle: Color-coded molded nylon with brass insert and color-coded index disc. Valve handle locks in closed position. To open valve, lift up handle and turn to open position.

Inlet: 3/8" NPT male inlet.

Outlet: Integral (nonremovable) seven serration hose end.

Quality Assurance: Valve is fully assembled and factory tested prior to shipment.

L4160-131WSA

Lift/Turn Ball Valve, Deck Mounted

Mounting: Deck mounted turret base with single outlet.

Valve Body: Forged brass.

Valve Unit: Quarter-turn open/close with stainless steel valve stem, chrome plated brass ball and molded PTFE seals.

Handle: Color-coded molded nylon with brass insert and color-coded index disc. Valve handle locks in closed position. To open valve, lift up handle and turn to open position.

Inlet: Furnished with 3/8" IPS mounting shank (assembled), locknut and washer. 3/8" NPT male inlet.

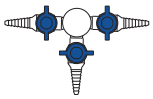
Outlet: Integral (nonremovable) seven serration hose end.

Quality Assurance: Fixture is fully assembled and factory tested prior to shipment.

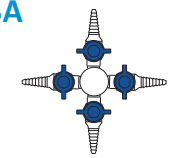
L4160-132AWSA

L4160-132SWSA

L4160-133WSA



L4160-134WSA



L4160-158FT

Lift/Turn Ball Valve, Wall Mounted

Mounting: For installation on vertical surfaces (such as drywall) where there is no access behind wall during installation. Flange is threaded onto nipple stubbed out of wall. Threaded escutcheon is then backed up to wall to secure valve and conceal pipe.

Valve Body: Forged brass.

Valve Unit: Quarter-turn open/close with stainless steel valve stem, chrome plated brass ball and molded PTFE seals.

Handle: Color-coded molded nylon with brass insert and color-coded index disc. Valve handle locks in closed position. To open valve, lift up handle and turn to open position.

Inlet: 3/8" NPT female inlet with adjustable escutcheon.

Outlet: Integral (nonremovable) seven serration hose end.

Quality Assurance: Fixture is fully assembled and factory tested prior to shipment.

L4160-158WSA

Lift/Turn Ball Valve, Panel Mounted

Mounting: For installation on vertical or horizontal surfaces (such as pipe chases and service carriers) where there is access behind surface during installation. Threaded mounting shank is inserted through hole in surface and secured with locknut and washer.

Valve Body: Forged brass.

Valve Unit: Quarter-turn open/close with stainless steel valve stem, chrome plated brass ball and molded PTFE seals.

Handle: Color-coded molded nylon with brass insert and color-coded index disc. Valve handle locks in closed position. To open valve, lift up handle and turn to open position.

Inlet: Furnished with 3/8" IPS mounting shank (assembled), locknut and washer. 3/8" NPT male inlet.

Outlet: Integral (nonremovable) seven serration hose end.

Quality Assurance: Fixture is fully assembled and factory tested prior to shipment.

L4160-141FT

Double Lift/Turn Ball Valve, Wall Mounted

Mounting: For installation on vertical surfaces (such as drywall) where there is no access behind wall during installation. Wye fitting is threaded onto nipple stubbed out of wall. Threaded escutcheon is then backed up to wall to secure valve and conceal pipe.

Valve Bodies: Forged brass.

Valve Units: Quarter-turn open/close with stainless steel valve stem, chrome plated brass ball and molded PTFE seals.

Handles: Color-coded molded nylon with brass insert and color-coded index discs. Valve handle locks in closed position. To open valve, lift up handle and turn to open position.

Inlet: 3/8" NPT female inlet with adjustable escutcheon.

Outlets: Integral (nonremovable) seven serration hose ends.

Quality Assurance: Fixture is fully assembled and factory tested prior to shipment.

L4160-141WSA

Double Lift/Turn Ball Valve, Panel/Overhead Mounted

Mounting: For installation on vertical or horizontal surfaces (such as pipe chases and service carriers) where there is access behind surface during installation. Threaded mounting shank is inserted through hole in surface and secured with locknut and washer.

Valve Bodies: Forged brass.

Valve Units: Quarter-turn open/close with stainless steel valve stem, chrome plated brass ball and molded PTFE seals.

Handles: Color-coded molded nylon with brass insert and color-coded index discs. Valve handle locks in closed position. To open valve, lift up handle and turn to open position.

Inlet: Furnished with 3/8" IPS mounting shank (assembled), locknut and washer. 3/8" NPT male inlet.

Outlets: Integral (nonremovable) seven serration hose ends.

Quality Assurance: Fixture is fully assembled and factory tested prior to shipment.

WaterSaver

L4200

Laboratory Ball Valve,
Removable Hose End

Application: On/off control of all laboratory gases at pressures up to 100 PSI. When ordered, valve may be specially cleaned, lubricated and packaged for pure gas service. Valve is certified for natural gas service by CSA International and is recommended for ADA-compliant applications.

Valve Body: Forged brass.

Valve Unit: Quarter-turn open/close with chrome plated brass ball and molded PTFE seals.

Handle: Forged brass lever handle with color-coded index disc.

Inlet: 3/8" NPT male inlet.

Outlet: 3/8" NPT female outlet with removable ten serration hose end.

Quality Assurance: Valve is fully assembled and factory tested prior to shipment.

Additional Models

L4202: Ball valve with angle serrated hose end.
L4203: Ball valve with quick connect fitting.
L4204: Ball valve with 1/4" OD compression fitting.

L4200CV

Laboratory Ball Valve,
Removable Hose End, Check Valve

Application: On/off control of all laboratory gases at pressures up to 100 PSI. Valve is furnished with internal check valve to prevent backflow into supply line. Valve is certified for natural gas service by CSA International and is recommended for ADA-compliant applications.

Valve Body: Forged brass.

Valve Unit: Quarter-turn open/close with chrome plated brass ball and molded PTFE seals.

Check Valve: Internal floating check to prevent back flow into gas system. *Check valve is not supplied in valves for vacuum service.*

Handle: Forged brass lever handle with color-coded index disc.

Inlet: 3/8" NPT male inlet.

Outlet: 3/8" NPT female outlet with removable ten serration hose end.

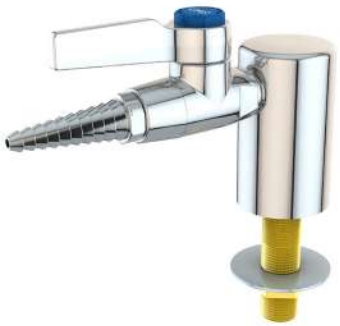
Quality Assurance: Valve is fully assembled and factory tested prior to shipment.

Additional Models

L4202CV: Ball valve with check valve and angle serrated hose end.
L4203CV: Ball valve with check valve and quick connect fitting
L4204CV: Ball valve with check valve and 1/4" OD compression fitting.

L4200-131WSA

Laboratory Ball Valve, Deck Mounted



Mounting: Deck mounted turret base with single outlet.

Valve Body: Forged brass.

Valve Unit: Quarter-turn open/close with chrome plated brass ball and molded PTFE seals.

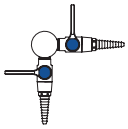
Handle: Forged brass lever handle with color-coded index disc.

Inlet: Furnished with 3/8" IPS mounting shank (assembled), locknut and washer. 3/8" NPT male inlet.

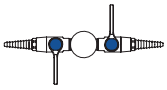
Outlet: 3/8" NPT female outlet with removable ten serration hose end.

Quality Assurance: Fixture is fully assembled and factory tested prior to shipment.

L4200-132AWSA



L4200-132SWSA



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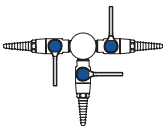
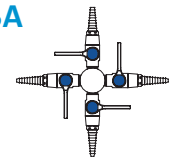


L4200-134WSA



L4200-158FT

Laboratory Ball Valve, Wall Mounted

Mounting: For installation on vertical surfaces (such as drywall) where there is no access behind wall during installation. Flange is threaded onto nipple stubbed out of wall. Threaded escutcheon is then backed up to wall to secure valve and conceal pipe.

Valve Body: Forged brass.

Valve Unit: Quarter-turn open/close with chrome plated brass ball and molded PTFE seals.

Handle: Forged brass lever handle with color-coded index disc.

Inlet: 3/8" NPT female inlet with adjustable escutcheon.

Outlet: 3/8" NPT female outlet with removable ten serration hose end.

Quality Assurance: Fixture is fully assembled and factory tested prior to shipment.

L4200-158WSA

Laboratory Ball Valve, Panel Mounted

Mounting: For installation on vertical or horizontal surfaces (such as pipe chases and service carriers) where there is access behind surface during installation. Threaded mounting shank is inserted through hole in surface and secured with locknut and washer.

Valve Body: Forged brass.

Valve Unit: Quarter-turn open/close with chrome plated brass ball and molded PTFE seals.

Handle: Forged brass lever handle with color-coded index disc.

Inlet: Furnished with 3/8" IPS mounting shank (assembled), locknut and washer. 3/8" NPT male inlet.

Outlet: 3/8" NPT female outlet with removable ten serration hose end.

Quality Assurance: Fixture is fully assembled and factory tested prior to shipment.

L4200-141FT

Double Laboratory Ball Valve, Wall Mounted

Mounting: For installation on vertical surfaces (such as drywall) where there is no access behind wall during installation. Flange is threaded onto nipple stubbed out of wall. Threaded escutcheon is then backed up to wall to secure valve and conceal pipe.

Valve Body: Forged brass.

Valve Unit: Quarter-turn open/close with chrome plated brass ball and molded PTFE seals.

Handles: Forged brass lever handles with color-coded index discs.

Inlet: 3/8" NPT female inlet with adjustable escutcheon.

Outlets: 3/8" NPT female outlets with removable ten serration hose ends.

Quality Assurance: Fixture is fully assembled and factory tested prior to shipment.

L4200-141WSA

Double Laboratory Ball Valve, Panel/Overhead Mounted

Mounting: For installation on vertical or horizontal surfaces (such as pipe chases and service carriers) where there is access behind surface during installation. Threaded mounting shank is inserted through hole in surface and secured with locknut and washer.

Valve Bodies: Forged brass.

Valve Units: Quarter-turn open/close with chrome plated brass ball and molded PTFE seals.

Handles: Forged brass lever handles with color-coded index discs.

Inlet: Furnished with 3/8" IPS mounting shank (assembled), locknut and washer. 3/8" NPT male inlet.

Outlets: 3/8" NPT female outlets with removable ten serration hose ends.

Quality Assurance: Fixture is fully assembled and factory tested prior to shipment.

L4260

Laboratory Ball Valve, Removable Hose End, Lift/Turn Handle

Application: On/off control of all laboratory gases at pressures up to 100 PSI. Valve has spring loaded handle that locks in closed position. To open valve, handle must be lifted up to unlock. Valve is certified for natural gas service by CSA International.

Valve Body: Forged brass.

Valve Unit: Quarter-turn open/close with stainless steel valve stem, chrome plated brass ball and molded PTFE seals.

Handle: Color-coded molded nylon with brass insert and color-coded index disc. Valve handle locks in closed position. To open valve, lift up handle and turn to open position.

Inlet: 3/8" NPT male inlet.

Outlet: 3/8" NPT female outlet with removable ten serration hose end.

Quality Assurance: Valve is fully assembled and factory tested prior to shipment.

L4260CV

Laboratory Ball Valve, Removable Hose End, Lift/Turn Handle, Check Valve

Application: On/off control of all laboratory gases at pressures up to 100 PSI. Valve has spring loaded handle that locks in closed position. To open valve, handle must be lifted up to unlock. Valve is certified for natural gas service by CSA International.

Valve Body: Forged brass.

Valve Unit: Quarter-turn open/close with stainless steel valve stem, chrome plated brass ball and molded PTFE seals.

Check Valve: Internal floating check to prevent backflow into gas system. *Check valve is not supplied in valves for vacuum service.*

Handle: Color-coded molded nylon with brass insert and color-coded index disc. Valve handle locks in closed position. To open valve, lift up handle and turn to open position.

Inlet: 3/8" NPT male inlet.

Outlet: 3/8" NPT female outlet with removable ten serration hose end.

Quality Assurance: Valve is fully assembled and factory tested prior to shipment.

L4260-131WSA

Lift/Turn Ball Valve, Deck Mounted

Mounting: Deck mounted turret base with single outlet.

Valve Body: Forged brass.

Valve Unit: Quarter-turn open/close with stainless steel valve stem, chrome plated brass ball and molded PTFE seals.

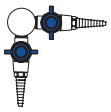
Handle: Color-coded molded nylon with brass insert and color-coded index disc. Valve handle locks in closed position. To open valve, lift up handle and turn to open position.

Inlet: Furnished with 3/8" IPS mounting shank (assembled), locknut and washer. 3/8" NPT male inlet.

Outlet: 3/8" NPT female outlet with removable ten serration hose end.

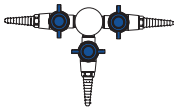
Quality Assurance: Fixture is fully assembled and factory tested prior to shipment.

L4260-132AWSA

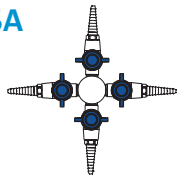


L4260-132SWSA

L4260-133WSA



L4260-134WSA



L4260-158FT

Lift/Turn Ball Valve, Wall Mounted

Mounting: For installation on vertical surfaces (such as drywall) where there is no access behind wall during installation. Flange is threaded onto nipple stubbed out of wall. Threaded escutcheon is then backed up to wall to secure valve and conceal pipe.

Valve Body: Forged brass.

Valve Unit: Quarter-turn open/close with stainless steel valve stem, chrome plated brass ball and molded PTFE seals.

Handle: Color-coded molded nylon with brass insert and color-coded index disc. Valve handle locks in closed position. To open valve, lift up handle and turn to open position.

Inlet: 3/8" NPT female inlet with adjustable escutcheon.

Outlet: 3/8" NPT female outlet with removable ten serration hose end.

Quality Assurance: Fixture is fully assembled and factory tested prior to shipment.

L4260-158WSA

Lift/Turn Ball Valve, Panel Mounted

Mounting: For installation on vertical or horizontal surfaces (such as pipe chases and service carriers) where there is access behind surface during installation. Threaded mounting shank is inserted through hole in surface and secured with locknut and washer.

Valve Body: Forged brass.

Valve Unit: Quarter-turn open/close with stainless steel valve stem, chrome plated brass ball and molded PTFE seals.

Handle: Color-coded molded nylon with brass insert and color-coded index disc. Valve handle locks in closed position. To open valve, lift up handle and turn to open position.

Inlet: Furnished with 3/8" IPS mounting shank (assembled), locknut and washer. 3/8" NPT male inlet.

Outlet: 3/8" NPT female outlet with removable ten serration hose end.

Quality Assurance: Fixture is fully assembled and factory tested prior to shipment.

L4260-141FT

Double Lift/Turn Ball Valve, Wall Mounted

Mounting: For installation on vertical surfaces (such as drywall) where there is no access behind wall during installation. Wye fitting is threaded onto nipple stubbed out of wall. Threaded escutcheon is then backed up to wall to secure valve and conceal pipe.

Valve Bodies: Forged brass.

Valve Units: Quarter-turn open/close with stainless steel valve stem, chrome plated brass ball and molded PTFE seals.

Handles: Color-coded molded nylon with brass insert and color-coded index discs. Valve handle locks in closed position. To open valve, lift up handle and turn to open position.

Inlet: 3/8" NPT female inlet with adjustable escutcheon.

Outlets: 3/8" NPT female outlets with removable ten serration hose ends.

Quality Assurance: Fixture is fully assembled and factory tested prior to shipment.

L4260-141WSA

Double Lift/Turn Ball Valve, Panel/Overhead Mounted

Mounting: For installation on vertical or horizontal surfaces (such as pipe chases and service carriers) where there is access behind surface during installation. Threaded mounting shank is inserted through hole in surface and secured with locknut and washer.

Valve Bodies: Forged brass.

Valve Units: Quarter-turn open/close with stainless steel valve stem, chrome plated brass ball and molded PTFE seals.

Handles: Color-coded molded nylon with brass insert and color-coded index discs. Valve handle locks in closed position. To open valve, lift up handle and turn to open positon.

Inlet: Furnished with 3/8" IPS mounting shank (assembled), locknut and washer. 3/8" NPT male inlet.

Outlets: 3/8" NPT female outlets with removable ten serration hose ends.

Quality Assurance: Fixture is fully assembled and factory tested prior to shipment.

L739

Panel Mounted Valve, Angle Face Fume Hood

Application: Panel mounted valve for installation on angle face of hood. Valve handle is perpendicular to angle face.

Installation: Valve is installed from behind panel and is secured with external locking ring and escutcheon on front of hood. Specify left hand or right hand mounting when ordering.

Valve Body: Forged brass.

Handle: Forged brass four-arm handle with color-coded index disc.

Inlet/Outlet: 3/8" NPT female inlet and outlet.

Quality Assurance: Valve is fully assembled and factory tested prior to shipment.

Models

L739LFCN/L739RFCN: Fine control needle valve construction.
L739LN/L739RN: Needle valve construction.
L739LS/L739RS: Steam valve construction.
L739LW/L739RW: Water valve construction.
L739LWTL/L739RWTL: Tin-lined water valve construction for pure water.

L740

Panel Mounted Valve, Straight Face Fume Hood

Application: Panel mounted valve for installation on straight face of hood.

Installation: Valve is installed from behind panel and is secured with external locking ring on front of hood.

Valve Body: Forged brass.

Handle: Forged brass four-arm handle with color-coded index disc.

Inlet/Outlet: 3/8" NPT female inlet and outlet.

Quality Assurance: Valve is fully assembled and factory tested prior to shipment.

Models

L740FCN: Fine control needle valve construction.
L740N: Needle valve construction.
L740S: Steam valve construction.
L740W: Water valve construction.
L740WTL: Tin-lined water valve construction for pure water.

L751

Panel Mounted Valve, Straight Face Fume Hood

Application: Panel mounted valve for installation on straight face of hood.

Installation: Valve is installed from front exterior face of hood and is secured from behind panel with locknut and set screws.

Valve Body: Forged brass.

Handle: Forged brass four-arm handle with color-coded index disc.

Inlet/Outlet: 1/4" NPT female inlet and outlet.

Quality Assurance: Valve is fully assembled and factory tested prior to shipment.

Models

L751FCN: Fine control needle valve construction.
L751N: Needle valve construction.
L751S: Steam valve construction.
L751W: Water valve construction.
L751WTL: Tin-lined water valve construction for pure water.

LPM4200V

Panel Mounted Ball Valve, Straight Face Fume Hood

Application: Panel mounted remote control ball valve for installation on straight face of hood.

Installation: Valve is installed from behind panel and is secured with external locking ring on front of hood. Valve is designed for vertical mounting. If horizontal mounting is required, order LPM4200H series. Specify left hand or right hand mounting when ordering.

Valve Body: Brass bar stock.

Handle: Forged brass lever handle with color-coded index disc.

Inlet/Outlet: 3/8" NPT female inlet and outlet.

Quality Assurance: Valve is fully assembled and factory tested prior to shipment.

Note: *If valve for horizontal mounting is required, use suffix "H".*

WaterSaver

L2885
Rod-Type Valve, Straight Pattern

Application: Rod-type straight pattern valve for installation within side wall or underneath deck of hood. Valve inlet and outlet are at 180 degrees. Furnished complete with anodized aluminum extension rod, guide plate and handle.

Valve Body: Forged brass.

Handle: Forged brass four-arm handle with color-coded index disc.

Inlet/Outlet: 3/8" NPT female inlet and outlet.

Quality Assurance: Valve is fully assembled and factory tested prior to shipment.

Models
L2885FCN: Fine control needle valve construction.
L2885N: Needle valve construction.
L2885S: Steam valve construction.
L2885W: Water valve construction.
L2885WTL: Tin-lined water valve construction for pure water.

L3185
Rod-Type Valve, Angle Pattern

Application: Angle pattern valve for installation within side wall of hood. Valve inlet and outlet are at 90 degrees. Furnished complete with anodized aluminum extension rod, guide plate and handle.

Valve Body: Forged brass.

Handle: Forged brass four-arm handle with color-coded index disc.

Inlet/Outlet: 3/8" NPT female inlet and outlet.

Quality Assurance: Valve is fully assembled and factory tested prior to shipment.

Models
L3185FCN: Fine control needle valve construction.
L3185N: Needle valve construction.
L3185S: Steam valve construction.
L3185W: Water valve construction.
L3185WTL: Tin-lined water valve construction for pure water.

L4285H
Rod-Type Ball Valve, Horizontal Mounting

Application: Remote control ball valve for water and gases. Valve provides on/off control of service, is certified for natural gas service by CSA International and is recommended for ADA-compliant applications.

Installation: Valve is mounted in horizontal position within side wall or underneath deck of hood. Furnished complete with anodized aluminum extension rod, guide plate and handle.

Valve Body: Forged brass.

Handle: Forged brass lever handle with color-coded index disc.

Inlet/Outlet: 3/8" NPT female inlet and outlet.

Quality Assurance: Valve is fully assembled and factory tested prior to shipment.

Models
L4285HLB: For mounting on left hand side of hood.
L4285HRB: For mounting on right hand side of hood.

L4285V
Rod-Type Ball Valve, Vertical Mounting

Application: Remote control ball valve for water and gases. Valve provides on/off control of service, is certified for natural gas service by CSA International and is recommended for ADA-compliant applications.

Installation: Valve is mounted in vertical position within side wall or underneath deck of hood. Furnished complete with anodized aluminum extension rod, guide plate and handle.

Valve Body: Forged brass.

Handle: Forged brass lever handle with color-coded index disc.

Inlet/Outlet: 3/8" NPT female inlet and outlet.

Quality Assurance: Valve is fully assembled and factory tested prior to shipment.

Models
L4285VLB: For mounting on left hand side of hood.
L4285VRB: For mounting on right hand side of hood.

WaterSaver

Finish

Unless otherwise noted, outlet fittings are brass with a powder coated finish. The finish is color-coded to match the fixture service index color. Standard index colors are as follows:

Service	Color
Air	Orange
Argon	Violet
Carbon Dioxide	Pink
Cold Water	Green
Deionized Water	White
Distilled Water	White
Gas	Blue

Service	Color
Hot Water	Red
Hot/Cold Water	Dark Gray
Hydrogen	Pink
Nitrogen	Brown
Oxygen	Lt. Green
Special Gas	Lt. Blue
Steam	Black
Vacuum	Yellow

L020WSA
Panel mounted flange with straight ten serration hose end. Furnished with 3/8" IPS mounting shank (assembled), locknut and washer. 3/8" NPT male inlet.

L021WSA
Molded nylon panel mounted 45 degree angle flange with nylon ten serration hose end. Available colors are black, blue, brown, green, orange, white and yellow. Furnished with 3/8" IPS brass mounting shank (assembled), locknut and washer. 3/8” NPT male inlet.

L022WSA
Panel mounted 45 degree angle flange with ten serration hose end. Furnished with 3/8" IPS mounting shank (assembled), locknut and washer. 3/8" NPT male inlet.

L023WSA
Panel mounted 45 degree angle flange with quick connect fitting. Furnished with 3/8" IPS mounting shank (assembled), locknut and washer. 3/8" NPT male inlet.

L024WSA
Panel mounted 45 degree angle flange with 1/4" OD compression fitting. Furnished with 3/8" IPS mounting shank (assembled), locknut and washer. 3/8” NPT male inlet.

L036WSA
Deck mounted turret 30 degree angle ten serration hose end. Furnished with 3/8" IPS mounting shank (assembled), locknut and washer. 3/8" NPT male inlet.

L050WSA
Deck or panel mounted 90 degree angle body with removable anti-splash serrated hose end. 2-1/8" from panel to hose end. Furnished with 3/8" IPS mounting shank (assembled), locknut and washer. 3/8” NPT male inlet.

L051WSA
Deck or panel mounted 90 degree angle body with removable anti-splash serrated hose end. 3-1/2" from panel to hose end. Furnished with 3/8" IPS mounting shank (assembled), locknut and washer. 3/8" NPT male inlet.

L052WSA
Panel mounted 90 degree angle body with removable anti-splash serrated hose end. 6" from panel to hose end. Furnished with 3/8" IPS mounting shank (assembled), locknut and washer. 3/8” NPT male inlet.

L071WSA
Panel mounted body with 6" rigid gooseneck. Furnished with 3/8" IPS mounting shank (assembled), locknut and washer. 3/8" NPT male inlet.

L074WSA
Same as above except with rigid/swing gooseneck.

L071VB-WSA
Panel mounted body with 6" rigid vacuum breaker gooseneck. Furnished with 3/8" IPS mounting shank (assembled), locknut and washer. 3/8" NPT male inlet.

L074VB-WSA
Same as above except with rigid/swing vacuum breaker gooseneck.

L081WSA
Deck mounted body with 6" rigid vacuum breaker gooseneck. Furnished with 3/8" IPS mounting shank (assembled), locknut and washer. 3/8" NPT male inlet.

L084WSA
Same as above except with rigid/swing gooseneck.

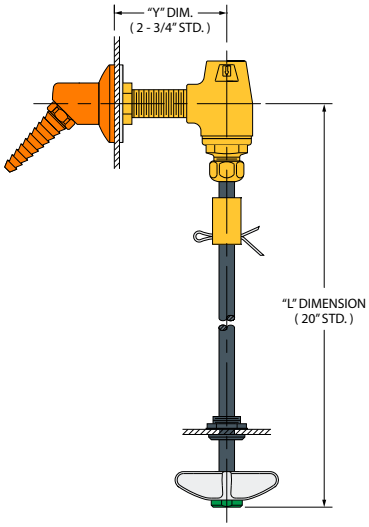
L081VB-WSA
Deck mounted body with 6" rigid vacuum breaker gooseneck. Furnished with 3/8" IPS mounting shank (assembled), locknut and washer. 3/8" NPT male inlet.

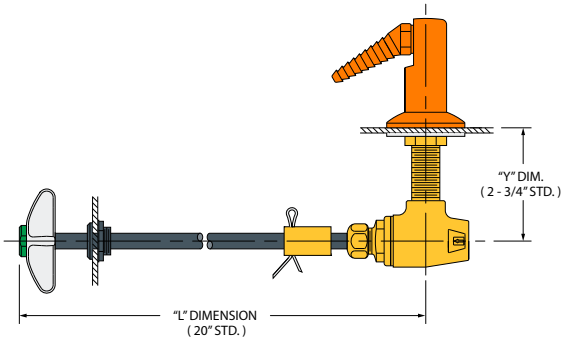
L084VB-WSA
Same as above except with rigid/swing vacuum breaker gooseneck.

Ordering Instructions for Remote Control Assemblies

To order remote control assemblies, please proceed as follows:

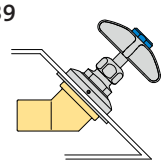
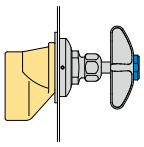
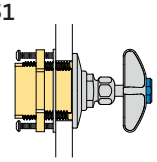
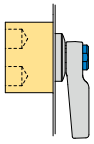
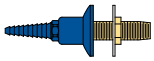
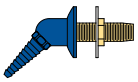
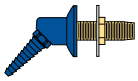
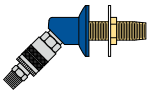
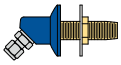
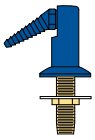
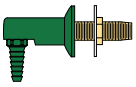
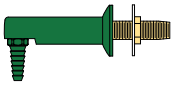
1. Select the desired remote control valve from pages 44-45. Specify:
   a. Valve construction (by including the suffix "FCN" for fine control needle valve, "N" for needle valve, "S" for steam valve, "W" for water valve or "WTL" for tin-lined water valve).
   b. Valve service (cold water, gas, air, vacuum, etc.).
   c. For L739, LPM4200 and L4285 valves, whether valve is for right hand or left hand mounting.
2. Select the desired outlet fitting from pages 46-47. Outlet fittings are furnished with a color-coded epoxy finish as standard. Please specify if a different finish is desired.
3. From the table on pages 48-51, find the desired valve and outlet fitting. Read across and down to find the correct assembly number.
4. For assemblies using rod-type valves, specify:
   a. "L" dimension, measured from the top of the index disc to the center line of the valve. If the "L" dimension is not specified, a standard dimension of 20" will be furnished.
   b. "Y" dimension, measured from the center line of the valve to the back of the flange or body on the outlet fitting. If the "Y" dimension is not specified, a standard dimension of 2-3/4" will be furnished.
   c. Type of guide plate desired, as follows:
      PA: Black nylon flat guide plate with screws for straight panel.
      PB: Black nylon threaded guide plate with locknut for straight panel.
      PC: Black nylon 45 degree angle guide plate.
      PD: Black nylon press-in guide bushing for straight panel.





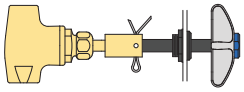
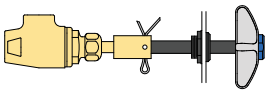
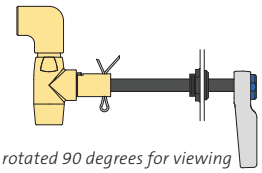
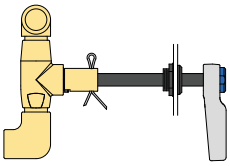
WaterSaver

Ordering Table for Remote Control Assemblies

Outlet Fittings	Remote Control Valves L739 	L740 	L751 	LPM4200V 
L020WSA 	L739_-KR	L740_-KR	L751_-KR	LPM4200VLB-KR LPM4200VRB-KR
L021WSA 	L739_-LRP	L740_-LRP	L751_-LRP	LPM4200VLB-LRP LPM4200VRB-LRP
L022WSA 	L739_-LR	L740_-LR	L751_-LR	LPM4200VLB-LR LPM4200VRB-LR
L023WSA 	L739_-QR	L740_-QR	L751_-QR	LPM4200VLB-QR LPM4200VRB-QR
L024WSA 	L739_-MR	L740_-MR	L751_-MR	LPM4200VLB-MR LPM4200VRB-MR
L036WSA 	L739_-8	L740_-8	L751_-8	LPM4200VLB-8 LPM4200VRB-8
L050WSA 	L739_-7	L740_-7	L751_-7	LPM4200VLB-7 LPM4200VRB-7
L051WSA 	L739_-5	L740_-5	L751-_5	LPM4200VLB-5 LPM4200VRB-5
L052WSA	L739_-4	L740_-4	L751-_-4	LPM4200VLB-4 LPM4200VRB-4

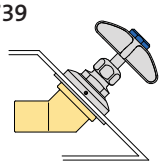
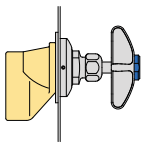
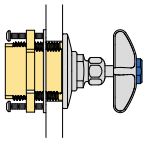
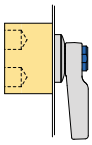
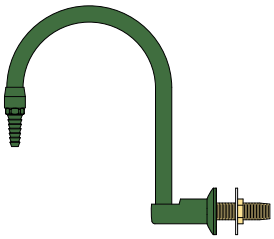
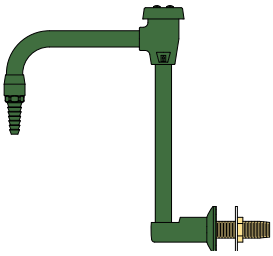
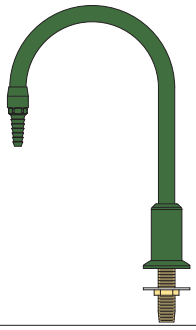
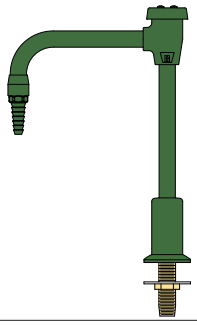
WaterSaver

Ordering Table for Remote Control Assemblies

L2885 	L3185 	L4285H  *Note: Valve rotated 90 degrees for viewing*	L4285V 
L2885_-KR	L3185_-KR	L4285HLB-KR L4285HRB-KR	L4285VLB-KR L4285VRB-KR
L2885_-LRP	L3185_-LRP	L4285HLB-LRP L4285HRB-LRP	L4285VLB-LRP L4285VRB-LRP
L2885_-LR	L3185_-LR	L4285HLB-LR L4285HRB-LR	L4285VLB-LR L4285VRB-LR
L2885_-QR	L3185_-QR	L4285HLB-QR L4285HRB-QR	L4285VLB-QR L4285VRB-QR
L2885_-MR	L3185_-MR	L4285HLB-MR L4285HRB-MR	L4285VLB-MR L4285VRB-MR
L2885_-8	L3185_-8	L4285HLB-8 L4285HRB-8	L4285VLB-8 L4285VRB-8
L2885_-7	L3185_-7	L4285HLB-7 L4285HRB-7	L4285VLB-7 L4285VRB-7
L2885_-5	L3185_-5	L4285HLB-5 L4285HRB-5	L4285VLB-5 L4285VRB-5
L2885_-4	L3185_-4	L4285HLB-4 L4285HRB-4	L4285VLB-4 L4285VRB-4

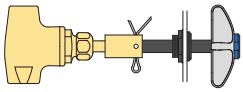
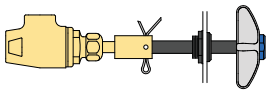
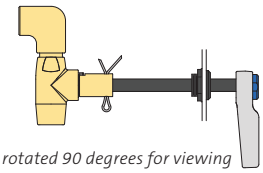
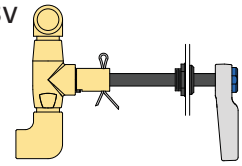
WaterSaver

Ordering Table for Remote Control Assemblies

Outlet Fittings	Remote Control Valves L739 	L740 	L751 	LPM4200V 
L071WSA Rigid **L074WSA** Rigid/Swing 	L739_W-9 L739_W-9RS	L740W-9 L740W-9RS	L751W-9 L751W-9RS	LPM4200VLB-9 LPM4200VLB-9RS LPM4200VRB-9 LPM4200VRB-9RS
L071VB-WSA Rigid **L074VB-WSA** Rigid/Swing 	L739_W-9VB L739_W-9RSVB	L740W-9VB L740W-9RSVB	L751W-9VB L751W-9RSVB	LPM4200VLB-9VB LPM4200VLB-9RSVB LPM4200VRB-9VB LPM4200VRB-9RSVB
L081WSA Rigid **L084WSA** Rigid/Swing 	L739_W-6 L739_W-6RS	L740W-6 L740W-6RS	L751W-6 L751W-6RS	LPM4200VLB-6 LPM4200VLB-6RS LPM4200VRB-6 LPM4200VRB-6RS
L081VB-WSA Rigid **L084VB-WSA** Rigid/Swing 	L739_W-6VB L739_W-6RSVB	L740W-6VB L740W-6RSVB	L751W-6VB L751W-6RSVB	LPM4200VLB-6VB LPM4200VLB-6RSVB LPM4200VRB-6VB LPM4200VRB-6RSVB

WaterSaver

Ordering Table for Remote Control Assemblies

L2885 	L3185 	L4285H  *Note: Valve rotated 90 degrees for viewing*	L4285V 
L2885W-9 L2885W-9RS	L3185W-9 L3185W-9RS	L4285HLB-9 L4285HLB-9RS L4285HRB-9 L4285HRB-9RS	L4285VLB-9 L4285VLB-9RS L4285VRB-9 L4285VRB-9RS
L2885W-9VB L2885W-9RSVB	L3185W-9VB L3185W-9RSVB	L4285HLB-9VB L4285HLB-9RSVB L4285HRB-9VB L4285HRB-9RSVB	L4285VLB-9VB L4285VLB-9RSVB L4285VRB-9VB L4285VRB-9RSVB
L2885W-6 L2885W-6RS	L3185W-6 L3185W-6RS	L4285HLB-6 L4285HLB-6RS L4285HRB-6 L4285HRB-6RS	L4285VLB-6 L4285VLB-6RS L4285VRB-6 L4285VRB-6RS
L2885W-6VB L2885W-6RSVB	L3185W-6VB L3185W-6RSVB	L4285HLB-6VB L4285HLB-6RSVB L4285HRB-6VB L4285HRB-6RSVB	L4285VLB-6VB L4285VLB-6RSVB L4285VRB-6VB L4285VRB-6RSVB

L7750W-PPL

Panel Mounted Pure Water Valve, Straight Face Fume Hood, Polypropylene-Lined

Application: Panel mounted fume hood valve for distilled, deionized or reverse osmosis water. Valve is designed for straight face hood. Valve has exterior brass casing and interior lining of inert polypropylene. Pure water comes in contact only with inert plastic.

Installation: Valve is installed from front exterior face of hood and is secured from behind panel with locknut and set screws.

Valve Body: Brass bar stock.

Valve Unit: Diaphragm-type valve with brass valve stem and bonnet and inert PTFE diaphragm. Valve has manual on/off control.

Handle: White nylon knurled handle with color-coded index disc.

Inlet/Outlet: 3/8" OD polypropylene tubes.

Quality Assurance: Valve is fully assembled and factory tested prior to shipment.

L7759W-PPL

Panel Mounted Pure Water Valve, Angle Face Fume Hood, Polypropylene-Lined

Application: Panel mounted fume hood valve for distilled, deionized or reverse osmosis water. Valve is designed for angle face hood. Valve has exterior brass casing and interior lining of inert polypropylene. Pure water comes in contact only with inert plastic.

Installation: Valve is installed from front exterior face of hood and is secured from behind panel with locknut and set screws. Specify left hand or right hand mounting when ordering.

Valve Body: Brass bar stock.

Valve Unit: Diaphragm-type valve with brass valve stem and bonnet and inert PTFE diaphragm. Valve has manual on/off control.

Handle: White nylon knurled handle with color-coded index disc.

Inlet/Outlet: 3/8" OD polypropylene tubes.

Quality Assurance: Valve is fully assembled and factory tested prior to shipment.

L7051WSA-PPL

Fume Hood Outlet Fitting, Panel Mounted, Polypropylene-Lined

Application: Panel mounted polypropylene-lined outlet fitting for distilled, deionized and reverse osmosis water. Fitting has exterior brass casing and interior lining of inert polypropylene. Pure water comes in contact only with inert plastic.

Body: Brass bar stock body and flange. 3-1/2" from panel to serrated hose end.

Inlet: Furnished with 3/8" IPS brass mounting shank (assembled), locknut and washer. Pure water inlet is 3/8" OD polypropylene tube.

Outlet: Polypropylene serrated hose end.

Quality Assurance: Fitting is fully assembled and factory tested prior to shipment.

Additional Model

L7051-7110WSA-PPL: Same as above except with polypropylene vacuum breaker.

Note: *If 1/4" NPT male outlet is required in place of hose end, add suffix "-1/4".*

L7052WSA-PPL

Fume Hood Outlet Fitting, Panel Mounted, Polypropylene-Lined

Application: Panel mounted polypropylene-lined outlet fitting for distilled, deionized and reverse osmosis water. Fitting has exterior brass casing and interior lining of inert polypropylene. Pure water comes in contact only with inert plastic.

Body: Brass bar stock body and flange. 6" from panel to serrated hose end.

Inlet: Furnished with 3/8" IPS brass mounting shank (assembled), locknut and washer. Pure water inlet is 3/8" OD polypropylene tube.

Outlet: Polypropylene serrated hose end.

Quality Assurance: Fitting is fully assembled and factory tested prior to shipment.

Additional Model

L7052-7110WSA-PPL: Same as above except with polypropylene vacuum breaker.

Note: *If 1/4" NPT male outlet is required in place of hose end, add suffix "-1/4".*

L7071WSA-PPL

Fume Hood Gooseneck Fitting, Panel Mounted, Polypropylene-Lined

Application: Panel mounted polypropylene-lined gooseneck for distilled, deionized and reverse osmosis water. Fitting has exterior brass casing and interior lining of inert polypropylene. Pure water comes in contact only with inert plastic.

Body: Brass bar stock body and flange.

Gooseneck: 8" rigid brass gooseneck with interior polypropylene lining.

Inlet: Furnished with 3/8" IPS brass mounting shank (assembled), locknut and washer. Pure water inlet is 3/8" OD polypropylene tube.

Outlet: Polypropylene serrated hose end.

Quality Assurance: Fitting is fully assembled and factory tested prior to shipment.

Additional Model

L7071-7110WSA-PPL: Same as above except with polypropylene vacuum breaker.

Note: *If 1/4" NPT male outlet is required in place of hose end, add suffix "-1/4".*

L7081WSA-PPL

Fume Hood Gooseneck Fitting, Deck Mounted, Polypropylene-Lined

Application: Deck mounted polypropylene-lined gooseneck for distilled, deionized and reverse osmosis water. Fitting has exterior brass casing and interior lining of inert polypropylene. Pure water comes in contact only with inert plastic.

Body: Brass bar stock body and flange.

Gooseneck: 6" rigid brass gooseneck with interior polypropylene lining.

Inlet: Furnished with 3/8" IPS brass mounting shank (assembled), locknut and washer. Pure water inlet is 3/8" OD polypropylene tube.

Outlet: Polypropylene serrated hose end.

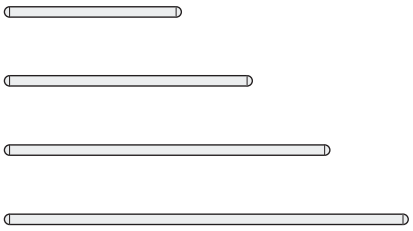
Quality Assurance: Fitting is fully assembled and factory tested prior to shipment.

Additional Model

L7081-7110WSA-PPL: Same as above except with polypropylene vacuum breaker.

Note: *If 1/4" NPT male outlet is required in place of hose end, add suffix "-1/4".*

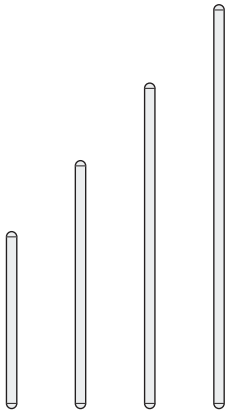
Horizontal Rods



Horizontal rods are machined from solid aluminum bar stock. Rods are cut to size, ends are rounded and each rod is polished to a satin finish. Rods are available in 1/2" and 3/4" diameter and a variety of lengths.

AAP155-024	3/4" dia. x 24" Horizontal Rod
AAP155-036	3/4" dia. x 36" Horizontal Rod
AAP155-039	3/4" dia. x 39" Horizontal Rod
AAP155-048	3/4" dia. x 48" Horizontal Rod
AAP145-024	1/2" dia. x 24" Horizontal Rod
AAP145-036	1/2" dia. x 36" Horizontal Rod
AAP145-039	1/2" dia. x 39" Horizontal Rod
AAP145-048	1/2" dia. x 48" Horizontal Rod

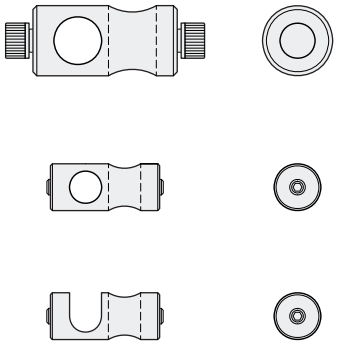
Vertical Rods



3/4" diameter vertical rods are machined with the top end rounded and the bottom end tapered to fit into a rod socket. 1/2" diameter vertical rods are machined with the top end rounded and the bottom end threaded. 1/2" rods may be used either with a threaded socket or with the AAP120 tapered adaptor and a tapered socket.

AAP110-024	3/4" dia. x 24" Vertical Rod (Tapered)
AAP110-036	3/4" dia. x 36" Vertical Rod (Tapered)
AAP110-039	3/4" dia. x 39" Vertical Rod (Tapered)
AAP110-048	3/4" dia. x 48" Vertical Rod (Tapered)
AAP125-024	1/2" dia. x 24" Vertical Rod (Threaded)
AAP125-036	1/2" dia. x 36" Vertical Rod (Threaded)
AAP125-039	1/2" dia. x 39" Vertical Rod (Threaded)
AAP125-048	1/2" dia. x 48" Vertical Rod (Threaded)

Clamps



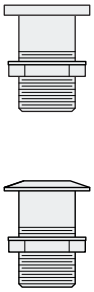
Clamps are designed to hold vertical and horizontal rods perpendicular to each other. Clamps are adjustable and are furnished with set screws to secure clamp to rods. Clamps are machined from aluminum bar stock and polished to a satin finish.

AAP150 Closed Style Clamp for 3/4" dia. Rods. Clamp has two holes perpendicular to each other.

AAP151 Closed Style Clamp for 1/2" dia. Rods. Clamp has two holes perpendicular to each other.

AAP153 Open Style Clamp for 1/2" dia. Rods. Clamp has hole for vertical rod and slot for horizontal rod.

Rod Sockets



AAP100 Aluminum rod socket with tapered bore and flat top for recess mounting in countertop.

AAP101 Aluminum rod socket with tapered bore and radiused top for surface mounting on countertop.

AAP103 Aluminum rod socket with 1/2" female thread and flat top for recessed mounting on countertop.

AAP104 Aluminum rod socket with 1/2" female thread and radiused top for surface mounting on countertop.

Lattice Rod Components

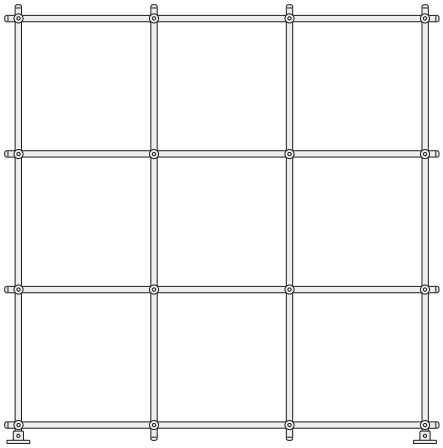
WaterSaver manufactures a complete line of components for lattice rod assemblies. A wide variety of assemblies for installation on bench tops and in fume hoods may be constructed using these components. Components are available in a choice of materials, as follows:

Aluminum: All components are machined from solid aluminum bar stock and polished to a satin (brushed) finish.

Plastic: Flanges and clamps are molded in black nylon for strength and chemical resistance. Rods are fabricated in white fiberglass.

Stainless Steel: Stainless steel components offer superior strength and corrosion resistance for the most demanding applications. All components are machined from Type 316 stainless steel bar stock and polished to a satin finish.

The rods listed below are representative of the most commonly used sizes. Rods can be fabricated in any length up to 120".



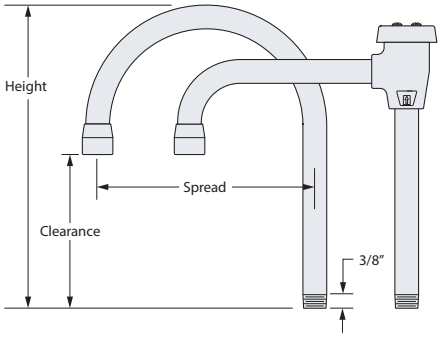
	Aluminum	Plastic	Stainless Steel
Flanges			
Flange with Set Screw for 1/2" Plain Rod	AAP158	PAP158	SAP158
Flange with Thread for 1/2" Threaded Rod	AAP158		SAP158A
Threaded Rods Threaded rods are typically used for vertical members and as tie rods to secure a lattice assembly to a wall or panel.			
1/2" dia. x 5" Threaded Rod	AAP125-005		SAP125-005
1/2" dia. x 8" Threaded Rod	AAP125-008		SAP125-008
1/2" dia. x 10" Threaded Rod	AAP125-010		SAP125-010
1/2" dia. x 12" Threaded Rod	AAP125-012		SAP125-012
1/2" dia. x 18" Threaded Rod	AAP125-018		SAP125-018
1/2" dia. x 24" Threaded Rod	AAP125-024		SAP125-024
1/2" dia. x 36" Threaded Rod	AAP125-036		SAP125-036
Rounded End Rods Plain end rods are typically used for vertical or horizontal members.			
1/2" dia. x 5" Rod	AAP145-005	PAP145-005	SAP145-005
1/2" dia. x 8" Rod	AAP145-008	PAP145-008	SAP145-008
1/2" dia. x 12" Rod	AAP145-012	PAP145-012	SAP145-012
1/2" dia. x 24" Rod	AAP145-024	PAP145-024	SAP145-024
1/2" dia. x 36" Rod	AAP145-036	PAP145-036	SAP145-036
1/2" dia. x 48" Rod	AAP145-048	PAP145-048	SAP145-048
1/2" dia. x 60" Rod	AAP145-060	PAP145-060	SAP145-060
1/2" dia. x 72" Rod	AAP145-072	PAP145-072	SAP145-072
Clamps Closed style clamps have two 1/2" dia. holes that are perpendicular to each other. They are typically used for securing a lattice rod assembly to a wall or panel. Open style clamps have one 1/2" dia. hole and an open slot that is perpendicular to it. These clamps are typically used to connect vertical and horizontal rods.			
Closed Style Clamp	AAP151	PAP151	SAP151
Open Style Clamp	AAP153	PAP153	SAP153

WaterSaver

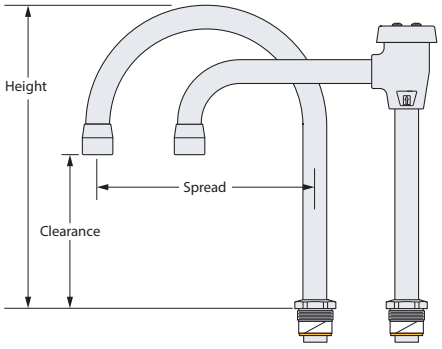
WaterSaver goosenecks are fabricated of heavy wall brass tubing for maximum strength and durability. Rigid goosenecks have a 3/8" NPT male inlet to thread directly into the top of the faucet body. Swing goosenecks have a braided PTFE packing with an adjustable packing nut. The packing nut has a 1"-22 thread to fit into faucet bodies machined with a mating female thread. Rigid/swing goosenecks have a union-style construction for field conversion from rigid to swing and vice versa. All goosenecks have a 3/8" NPS outlet coupling for attaching outlet fittings.

Goosenecks are offered with integral vacuum breakers to prevent backflow. Vacuum breakers have an ultra-light float cup to prevent spillage under extreme low flow conditions. Vacuum breakers are certified to comply with ASSE Standard No. 1001 and CSA Standard CAN/CSA-864 Series – M88 and are covered under U.S. Patent No. 6,123,095.

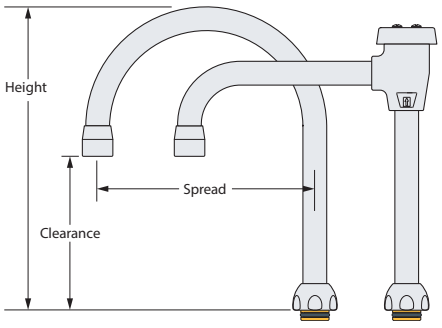
The standard height and clearance dimensions for goosenecks are shown below. WaterSaver also offers goosenecks that are 2" taller than standard. Tall goosenecks are advantageous when using an L110 vacuum breaker on a faucet. To order a tall gooseneck, add the suffix "T" to the fixture or gooseneck model number. In addition to "T" goosenecks, WaterSaver can provide goosenecks in any height or clearance desired. For special heights and clearances, please consult with factory.



Rigid Goosenecks	Spread	Height	Clearance
RG6	6" (152 mm)	8" (203 mm)	3-7/8" (98 mm)
RG8	8" (203 mm	8-7/8" (225 mm)	3-7/8" (98 mm)
RG9	9" (229 mm)	8-7/8" (225 mm)	4-3/4" (121 mm)
RG10	10" (254 mm)	8-7/8" (225 mm)	4-3/4" (121 mm)
RG12	12" (305 mm)	8-7/8" (225 mm)	4-3/4" (121 mm)
RG6VB	6" (152 mm)	7-3/4" (197 mm)	4-1/8" (105 mm)
RG8VB	8" (203 mm)	7-3/4" (197 mm)	4-1/8" (105 mm)
RG9VB	9" (229 mm)	7-3/4" (197 mm)	4-1/8" (105 mm)
RG10VB	10" (254 mm)	7-3/4" (197 mm)	4-1/8" (105 mm)
RG12VB	12" (305 mm)	7-3/4" (197 mm)	4-1/8" (105 mm)



Swing Goosenecks	Spread	Height	Clearance
SG6	6" (152 mm)	8" (203 mm)	3-7/8" (98 mm)
SG8	8" (203 mm)	8-7/8" (225 mm)	3-7/8" (98 mm)
SG9	9" (229 mm)	8-7/8" (225 mm)	4-3/4" (121 mm)
SG10	10" (254 mm)	8-7/8" (225 mm)	4-3/4" (121 mm)
SG12	12" (305 mm)	8-7/8" (225 mm)	4-3/4" (121 mm)
SG6VB	6" (152 mm)	7-3/4" (197 mm)	4-1/8" (105 mm)
SG8VB	8" (203 mm)	7-3/4" (197 mm)	4-1/8" (105 mm)
SG9VB	9" (229 mm)	7-3/4" (197 mm)	4-1/8" (105 mm)
SG10VB	10" (254 mm)	7-3/4" (197 mm)	4-1/8" (105 mm)
SG12VB	12" (305 mm)	7-3/4" (197 mm)	4-1/8" (105 mm)



Rigid/Swing Goosenecks	Spread	Height	Clearance
RS6	6" (152 mm)	8-1/2" (216 mm)	4-3/8" (111 mm)
RS8	8" (203 mm)	9-3/8" (238 mm)	4-3/8" (111 mm)
RS9	9" (229 mm)	9-3/8" (238 mm)	5-1/4" (133 mm)
RS10	10" (254 mm)	9-3/8" (238 mm)	5-1/4" (133 mm)
RS12	12" (305 mm)	9-3/8" (238 mm)	5-1/4" (133 mm)
RS6VB	6" (152 mm)	8-1/4" (210 mm)	4-5/8" (117 mm)
RS8VB	8" (203 mm)	8-1/4" (210 mm)	4-5/8" (117 mm)
RS9VB	9" (229 mm)	8-1/4" (210 mm)	4-5/8" (117 mm)
RS10VB	10" (254 mm)	8-1/4" (210 mm)	4-5/8" (117 mm)
RS12VB	12" (305 mm)	8-1/4" (210 mm)	4-5/8" (117 mm)

BI064-2A: Deck mounted double service turret base. (2) 1/4" NPT female inlets, (2) 3/8" NPT female outlets at 90 degrees.

BI064-2S: Same as above except outlets are at 180 degrees.

BI131: Deck mounted turret base. 1-5/8" diameter. 3/8" NPT female inlet, single 3/8" NPT female outlet.

BI132A: Same as above except with two outlets at 90 degrees.

BI32S: Same as above except with two outlets at 180 degrees.

BI134: Same as above except with four outlets.

BI331: Deck mounted small turret base. 1-1/4" diameter. 3/8" NPT female inlet, single 3/8" NPT female outlet.

BI332S: Same as above except with two outlets at 180 degrees.

BI141: Panel mounted wye fitting. 3/8" NPT female inlet, (2) 3/8" NPT female outlets at 90 degrees.

BI141A: Same as above except with single outlet.

BI141FT: Panel mounted wye fitting with floating escutcheon. 3/8" NPT female inlet, (2) 3/8" NPT female outlets at 90 degrees. Furnished with threaded escutcheon.

BI141A-FT: Same as above except with single outlet.

BI148: Overhead carrier/wall mounted extended wye fitting. 3/8" NPT female inlet, single 3/8" NPT female outlet.

BI148S: Same as above except with two outlets at 180 degrees.

BI158: Panel mounted flange. 3/8" NPT female inlet and outlet.

BI159: Same as above except with 1/2" NPT female inlet and outlet.

BI158FT: Panel mounted flange with adjustable escutcheon. 3/8" NPT female inlet and outlet. Furnished with threaded escutcheon.

BI225: Threaded escutcheon. 3/8" IPS female thread.

BI325: Same as above except with 1"-18 female thread.

BI136-02-08R: 3/8" IPS mounting shank with locknut and washer. 3/8" IPS x 2-1/2 OAL.

BI136-03-08R: Same as above except 3-1/2" OAL.

BI136-04R: Same as above except 4" OAL.

BI137-02-08R: 1/2" IPS mounting shank with locknut and washer. 1/2" IPS x 2-1/2" OAL.

BI37-03-08R: Same as above except 3-1/2" OAL.

BI085AS: Inlet fitting assembly. 3/8" NPT female adaptor with 1/4" IPS tailpiece and coupling nut.

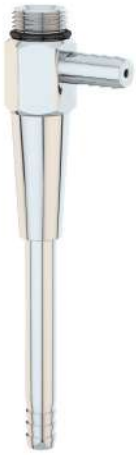
BI085AS-TL: Same as above except tin-lined for pure water.

BI086AS: Same as above except with 1/2" NPT female adaptor.

Outlet Fittings

BO140S-G: Straight ten serration hose end for gases. 3/8" NPS male inlet.

BO140S-W: Anti-splash straight seven serration hose end for water. 3/8" NPS male inlet.



BO055: Aerator. 3/8" NPS male inlet.

BO055FC: Same as above except with internal flow control. Specify flow rate in GPM when ordering.

BO055VR: Same as above except vandal-resistant.

BO191: Quick connect fitting. 3/8" NPT male inlet, 1/4" NPT male outlet.

BO191-2F: Same as above except with 1/4" NPT female outlet.

BO191-3M: Same as above except with 3/8" NPT male outlet.

BO191-3F: Same as above except with 3/8" NPT female outlet.

BO127S: Aspirator. 3/8" NPS male inlet.

BO124: Splash eliminator for use with BO127S aspirator.

Vacuum Breakers

L100: Atmospheric vacuum breaker. ASSE-certified under Standard 1001. 3/8" NPT female inlet and outlet.

L101: Same as above except with 1/2" NPT female inlet and outlet.

L108: Dual check backflow preventer. For continuous pressure applications. ASSE-certified under Standard 1024. 3/8" NPT female inlet and outlet.

L110: Dual check vacuum breaker. ASSE-certified under Standard 1035. 3/8" NPS male inlet, 3/8" NPT female outlet.

L102: Atmospheric vacuum breaker for panel or wall mounting. 1/2" NPT female inlet and outlet.

L102WSA: Same as above except with 1/2" IPS x 2-1/2" mounting shanks (assembled), locknuts and washers.

L112: Atmospheric vacuum breaker for panel or wall mounting. 3/8" NPT female inlet and outlet.

L112WSA: Same as above except with 3/8" IPS x 2-1/2" mounting shanks (assembled), locknuts and washers.

The emergency eyewash and shower units shown here are representative of the over 500 models available from WaterSaver. Please refer to a Laboratory Safety Equipment catalog or the WaterSaver website (wsflab.com) for more information.

EW805

Eyewash, Deck Mounted,
90 Degree AutoFlow™

EW805LH EW805

Application: AutoFlow™ eyewash for mounting on counter next to sink. Water flow is activated by swinging the spray head assembly out over sink.

Construction: Polished chrome plated brass.

Mounting: Unit is mounted on right (EW805) or left (EW805LH) side of sink.

Spray Head Assembly: Two GS-Plus™ spray heads. Each head has a "flip top" dust cover, internal flow control and filter to remove impurities from the water flow.

Valve: 1/2" IPS brass plug-type valve with O ring seals. Swinging spray head assembly from storage to operational position opens orifice and activates water flow. Unit remains in operation until spray head assembly is swung back into the storage position.

Strainer: Unit is furnished with in-line strainer to protect valve and spray heads from debris in water line.

Supply: 1/2" NPT female inlet.

Sign: Furnished with universal identification sign.

Quality Assurance: Unit is fully assembled and water tested prior to shipment. Unit is third-party certified to comply with ANSI Z358.1-2014.

EW1022

Eyewash/Drench Hose Unit,
Deck Mounted

Application: Dual purpose eyewash/drench hose unit meets the provisions of ANSI Z358.1-2014 as both an eyewash and a drench hose. Unit may be left in the deck flange for use as a fixed eyewash, leaving the user's hands free. Alternatively, unit may be removed for use as a drench hose to rinse any part of the user's eyes, face or body.

Mounting: Deck mounted. Flange has handle locator guide to position spray heads and handle facing forward at all times.

Spray Head Assembly: Two GS-Plus™ spray heads mounted side-by-side. Each head has a "flip top" dust cover, internal flow control and filter to remove impurities from the water flow.

Valve: Forged brass squeeze valve activated by stainless steel lever handle. Valve has replaceable stainless steel seat for exceptional durability. Locking clip engages when handle is depressed, providing "hands free" operation. Valve stays open until locking clip is released.

Hose: 8' reinforced PVC hose. 300 PSI maximum working pressure.

Note: *Hose must be inspected at least monthly for indications of wear, abrasion, loss of flexibility or loosening of end connections.*

Supply: 3/8" NPT male swivel inlet.

Sign: Furnished with universal identification sign.

Quality Assurance: Unit is fully assembled and water tested prior to shipment. Unit is third party certified to comply with ANSI Z358.1-2014.

Additional Model

EW1022BP: Same as above except with in-line dual check backflow preventer for installation on inlet of hose. Backflow preventer is certified to comply with ASSE 1024/CSA-B64.

Note: *Check with code authority for compliance with local plumbing code.*

WaterSaver

SS902

Safety Station with Eyewash

Application: Combination eyewash and shower safety station.

Shower Head: 10" (254 mm) diameter safety orange ABS plastic.

Shower Valve: 1" IPS chrome plated brass stay-open ball valve. Valve is U.S.-made with chrome plated brass ball and PTFE seals. Furnished with stainless steel actuating arm and 29" stainless steel pull rod.

Spray Head Assembly: Two GS-Plus™ spray heads. Each head has a "flip top" dust cover, internal flow control and filter to remove impurities from the water flow.

Eyewash Valve: 1/2" IPS chrome plated brass stay-open ball valve. Valve is U.S.-made with chrome plated brass ball and PTFE seals.

Eyewash Bowl: 11-1/2" (292 mm) diameter stainless steel.

Pipe and Fittings: Schedule 40 galvanized steel. Furnished with orange polyethylene covers for piping for high visibility and corrosion resistance.

Supply: 1-1/4" NPT female top or side inlet.

Waste: 1-1/4" NPT female outlet.

Sign: Furnished with universal identification sign.

Quality Assurance: Eyewash assembly is factory assembled and water tested prior to shipment. Unit is third-party certified to comply with ANSI Z358.1-2014.

Additional Models

SS902PCC: Same as above except with polished chrome plated brass pipe and fittings.
SS909: Combination eye/face wash and shower safety station. Furnished with four GS-Plus™ spray heads for complete rinsing of user's eyes and face.
SS909PCC: Same as above except with polished chrome plated brass pipe and fittings.
SSBF909: Same as above except unit complies with ADA requirements for accessibility by disabled persons.

SSBF2150

Recessed Safety Station with Drain Pan, Exposed Shower Head

Note: *Shown with optional AP280-235 electric light and alarm horn unit (sold separately).*

SSBF2152: Same as above except with "daylight drain" for waste water on front of unit.

Application: Recessed eye/face wash and shower safety station with ceiling mounted exposed shower head.

ADA Compliance: When installed at recommended mounting heights, unit complies with ADA requirements for accessibility by disabled persons.

Mounting: 16 gauge stainless steel cabinet with flange featuring 3/8" return for recessed mounting in wall. Unit fits in standard 3-5/8" (92 mm) deep wall.

Shower Head: 10" (254 mm) diameter stainless steel with 20 GPM flow control. Furnished with vertical supply pipe and ceiling escutcheon.

Shower Valve: 1" IPS brass stay-open ball valve with stainless steel "panic bar" actuator.

Cover/Drain Pan: 16 gauge stainless steel combination cover and drain pan. Grasping "panic bar" handle and opening cover pulls spray head assembly down from vertical to horizontal position, activating water flow. While unit is in operation, waste water is collected in drain pan and returned into cabinet for drainage. Unit remains in operation until cover is returned to closed position.

Eye/Face Wash Spray Head Assembly: Two FS-Plus™ spray heads mounted on supply arms. Each spray head has individually adjustable flow control and filter to remove impurities from water.

Eye/Face Wash Valve: 1/2" IPS brass plug-type valve with O ring seals. Furnished with in-line strainer to protect valve and spray heads from debris in water line.

Pipe and Fittings: Exposed pipe and escutcheon are stainless steel.

Supply: 1" NPT female inlet.

Waste: 2" NPT female outlet.

Sign: Furnished with universal identification sign.

Quality Assurance: Unit is assembled and water tested prior to shipment. Unit is third-party certified to comply with ANSI Z358.1-2014.

U.S. Patent No.: 5,768,721

Additional Models

SSBF2160: Same as above except with ceiling mounted recessed shower head.
SSBF2170: Same as above except with wall mounted exposed shower head.

WaterSaver Faucet Co.
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Chicago, IL 60654
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312 666 5501 FACSIMILE

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de Mexico SA de CV
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Newcastle-Under-Lyme
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