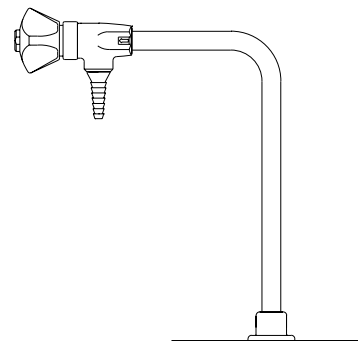
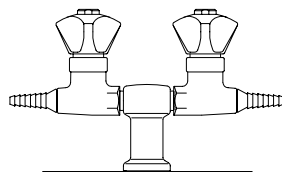
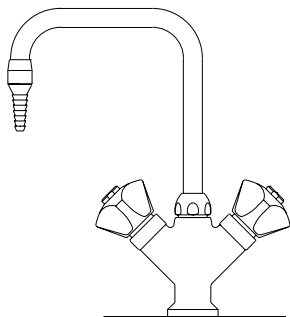
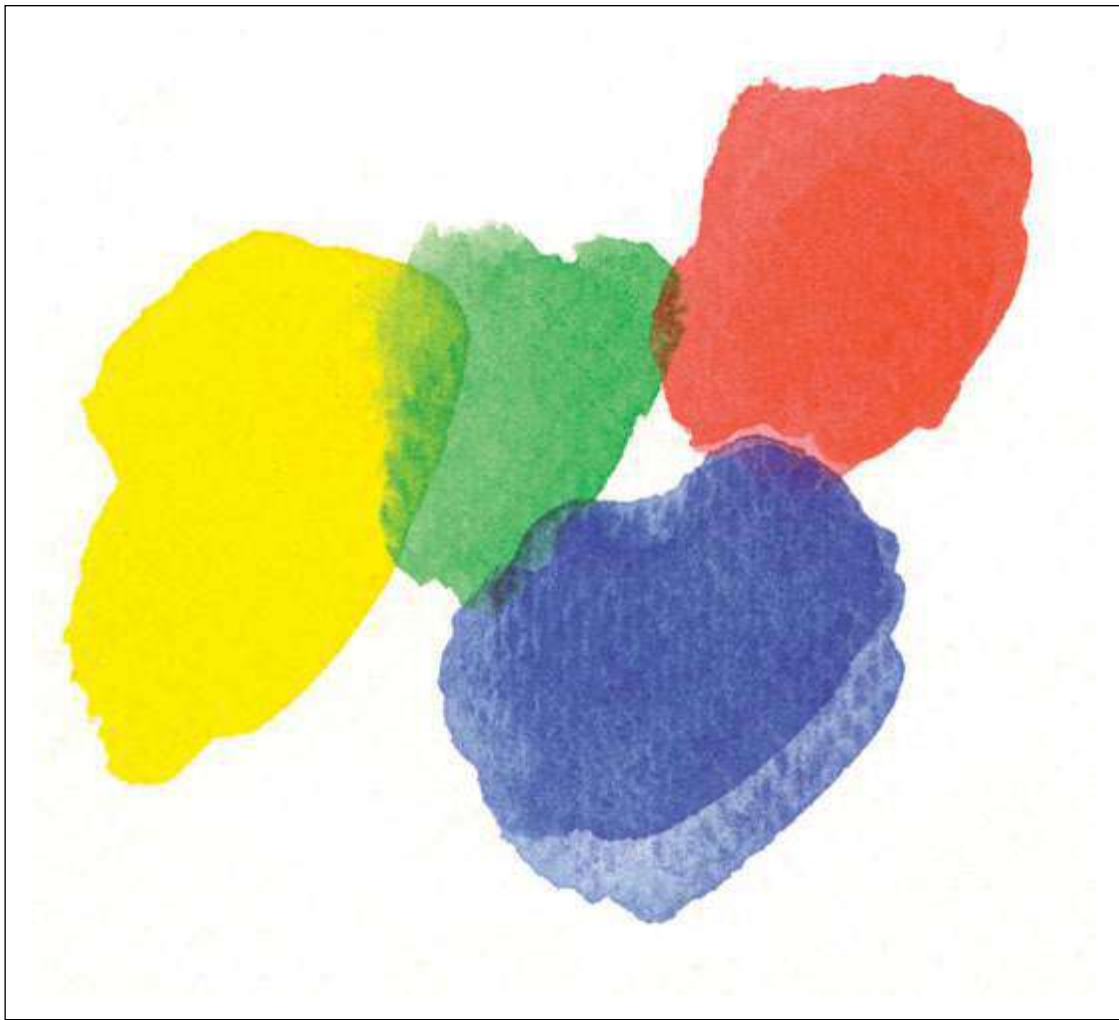




ColorTech

Water Saver Faucet Company

To Our Friends,

WaterSaver Faucet Co. is celebrating over fifty-five 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. Quality, innovation and service have been our hallmarks.

We are proud to introduce the latest catalog highlighting our ColorTech range of laboratory service fixtures and fittings. ColorTech products are characterized by a sleek, streamlined, "European" appearance and a powder coated finish. The finish is available in a choice of colors to enhance the appearance of any laboratory installation.

In addition to the products shown in this catalog, we also offer our standard range of laboratory service fixtures. The standard line has a chrome plated finish and the styling and design more commonly found in the U.S. marketplace. Please refer to a WaterSaver catalog for more information.

We owe our success to the contributions of dedicated employees and the loyalty of our customers. For over half a century, 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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The ColorTech range of laboratory service fixtures and safety equipment is the result of WaterSaver's fifty-five years of designing and manufacturing products specifically for the lab environment. ColorTech products are thus unique in their performance and durability.

Quality

ColorTech fixtures incorporate the construction found in all WaterSaver products. The valve mechanisms used in ColorTech products are the same as in all of our standard products. In most cases, working components are interchangeable, thus facilitating maintenance of the lab installation. The engineering of these products has been field tested and proven for over fifty-five years.

Acceptance

WaterSaver produces more laboratory fixtures than any other manufacturer in the world. As a result, our products are used and accepted in research and teaching laboratories throughout the world. In addition, these products carry all necessary U.S. certifications, including:

Vacuum breakers are certified by the American Society of Sanitary Engineers under ASSE No. 1001.

Laboratory ball valves are certified by the American Gas Association under ANSI Z21.15.

Electric pedestal fixtures are listed by Underwriters Laboratories under UL514A.

Emergency eye wash and shower equipment is certified by ETL Testing Laboratories, Inc. under ANSI Z358.1-1998.

In addition, WaterSaver products meet or exceed the requirements of the Scientific Equipment & Furniture Association (SEFA) Recommended Practice No. 7 ("Laboratory and Hospital Fixtures").

Support

WaterSaver products are supported by our extensive network of representatives and distributors. Since ColorTech fixtures utilize the same components as our standard fixtures, repair and replacement parts are stocked nationwide for instant availability. In addition, repair and replacement parts are available through the exclusive WaterSaver "Parts Hotline". You may call our toll-free number (800-WSF-PART) or go to our website (WSFPART.com) to order parts for shipment within twenty-four hours, guaranteed.

ColorTech Finishes

ColorTech fixtures are furnished with a powder coated finish to enhance the appearance of the fitting and to protect against corrosion. Unlike competing brands, ColorTech fixtures may be ordered in any one of five standard finish colors. This range of colors assures that the lab fittings will enhance the design scheme and aesthetics of the lab environment.

The coating materials used for ColorTech finishes are specially formulated for use on these products. In general, coating materials are blends of epoxy and polyurethane powders. These hybrid blends assure that the finished coating will have an optimum combination of chemical resistance, mar and abrasion resistance, and resistance to fading under ultraviolet (UV) light.

The five standard ColorTech finishes are:

- **White**
- **Tan**
- **Gray**
- **Polished Clear**
Clear epoxy coating applied over a polished chrome plated brass surface.
- **Satin Clear**
Clear epoxy coating applied over a satin chrome plated brass surface. The satin clear finish has the appearance of stainless steel and conceals fingerprints, watermarks, dust and dirt.



White



Tan



Gray



Polished Clear



Satin Clear

Note: White, tan and gray finishes are available at the published prices for ColorTech fixtures. Polished clear and satin clear finishes command a modest upcharge in price.

Specifications For White, Gray and Tan Finishes:

ColorTech fittings shall have a powder coated finish in [white] [gray] [tan]*. Coating material shall be free flowing epoxy/polyester hybrid powder with a particle size of 35-70 microns. Surfaces to be coated shall be (a) polished or sand-blasted to produce a uniform fine-grained surface and (b) immersed in a phosphoric acid cleaning solution to remove thoroughly all oil, grease and other foreign substances. Following cleaning, coating material shall be electrostatically applied to all exposed surfaces. After application, coating shall be fully baked to permit curing. Surfaces shall have a minimum coating thickness of 2 mils.

* Select desired color

Specifications For Polished Clear Finish:

ColorTech fittings shall have a polished chrome plated finish with clear epoxy coating. All exposed surfaces shall be polished and buffed, then electroplated with one layer of nickel and one layer of chrome. Each layer of plating shall completely cover all visible surfaces. Following plating, surfaces to be coated shall be thoroughly cleaned and degreased. Clear epoxy coating shall then be applied to all exposed surfaces and fully baked to permit curing. Surfaces shall have a minimum coating thickness of 2 mils.

Specifications For Satin Clear Finish:

ColorTech fittings shall have a satin chrome plated finish with clear epoxy coating. All components shall be polished and buffed. Exposed surfaces shall then be further polished to an AISI No. 6 brushed finish which is fine-grained and uniform. Components shall then be electroplated with one layer of nickel and one layer of chrome. Following plating, surfaces to be coated shall be cleaned and degreased. Clear epoxy coating shall then be applied to all exposed surfaces and fully baked to permit curing. Surfaces shall have a minimum coating thickness of 2 mils.

Performance Requirements For ColorTech Finishes:

All ColorTech finishes meet the following performance tests and requirements:

1. Chemical Resistance. Finish shall meet the following tests for chemical resistance:

- a. Fume Test. Suspend coated samples in a container at least 6 cubic foot capacity, approximately 12" above open beakers, each containing 100 cc of 70% nitric acid, 94% sulfuric acid and 35% hydrochloric acid respectively. After exposure to these fumes for 150 hours, the finish on the samples shall show no discoloration, disintegration or other defects.
- b. Direct Application Test. Subject coated samples to the direct action of the reagents and solvents listed below at a temperature of 25 degrees C dropping from a burette at the rate of 60 drops per minute for ten minutes. Finish on the samples shall not rupture, though slight discoloration or temporary softening is permissible.

Acetic Acid (98%)	Formaldehyde (37%)	Perchloric Acid (70%)
Acetone	Formic Acid (90%)	Phenol
Ammonium Hydroxide (28%)	Gasoline	Phosphoric Acid (75%)
Amyl Acetate	Glacial Acetic Acid (99.5%)	Sea Water
Amyl Alcohol	Glycerine	Silver Nitrate (30%)
Benzene	Hydrochloric Acid (38%)	Sodium Bichromate (Saturated)
Butyl Alcohol	Hydrofluoric Acid (48%)	Sodium Carbonate (10%)
Calcium Hypochlorite	Hydrogen Peroxide (5%)	Sodium Chloride (20%)
Carbon Disulfide	Isopropyl Alcohol	Sodium Hydroxide (50%)
Carbon Tetrachloride	Kerosene	Sodium Hypochlorite
Chloroform	Lactic Acid (10%)	Sodium Sulfide
Chromic Trioxide Acid	Methanol	Sulfuric Acid (87%)
Cresol	Methyl Alcohol	Toluene
Crude Oil	Methyl Ethyl Ketone	Trichlorethylene
Dioxane	Methylene Chloride	Turpentine
Distilled Water	Mineral Oil	Urea (Saturated)
Ether	Monochlor Benzene	Xylene
Ethyl Acetate	N-Hexane	Zinc Chloride (Saturated)
Ethyl Alcohol	Naphthalene	
Ethyl Ether	Nitric Acid (70%)	

2. Mar and Abrasion Resistance. Finishes shall have pencil hardness of 2H-4H with adhesion substantial enough to withstand both direct and reverse impacts of 160 inch pounds. Finish shall have excellent mar resistance and be capable of withstanding scuffing, marring and other ordinary wear.

3. Repairability. Finish shall be capable of surface repair in the event that a fitting is scratched or a surface rupture occurs. The service fitting manufacturer shall have available an air-drying aerosol coating, specially formulated to match the existing finish color, which may be applied in the field to repair coated surfaces.

Product Features/Options: Water Fittings

ColorTech water fittings are engineered for superior performance and durability. Fittings meet the requirements of ANSI/ASME A112.18.1M and are certified by the Canadian Standards Association under CAN/CSA B.125.M89.

Water fittings may be furnished with vacuum breakers to prevent backflow into the potable water system. WaterSaver vacuum breakers are designed specifically for laboratory applications. As such, they will seal properly and prevent

spillage under very low flow conditions, even when elevated on the front face of a fume hood. Vacuum breakers are certified by the American Society of Sanitary Engineers (ASSE) under ASSE Standard No. 1001 and by the Canadian Standards Association (CSA) under CSA Standard CAN/CSA-864 Series M-88.

ColorTech fittings are available with a wide range of optional features to meet the needs of any lab user. Listed below are the key options available on these products:

Gooseneck Dimensions

Standard spread is 6 inches. Also available in 4, 8, 9, 10 and 12 inch spreads. Other spreads and special heights are made to order (see pages 70-71).

Gooseneck Construction

Single faucets have rigid or convertible rigid/swing construction, as ordered. Mixing faucets have convertible rigid/swing construction.

Handle

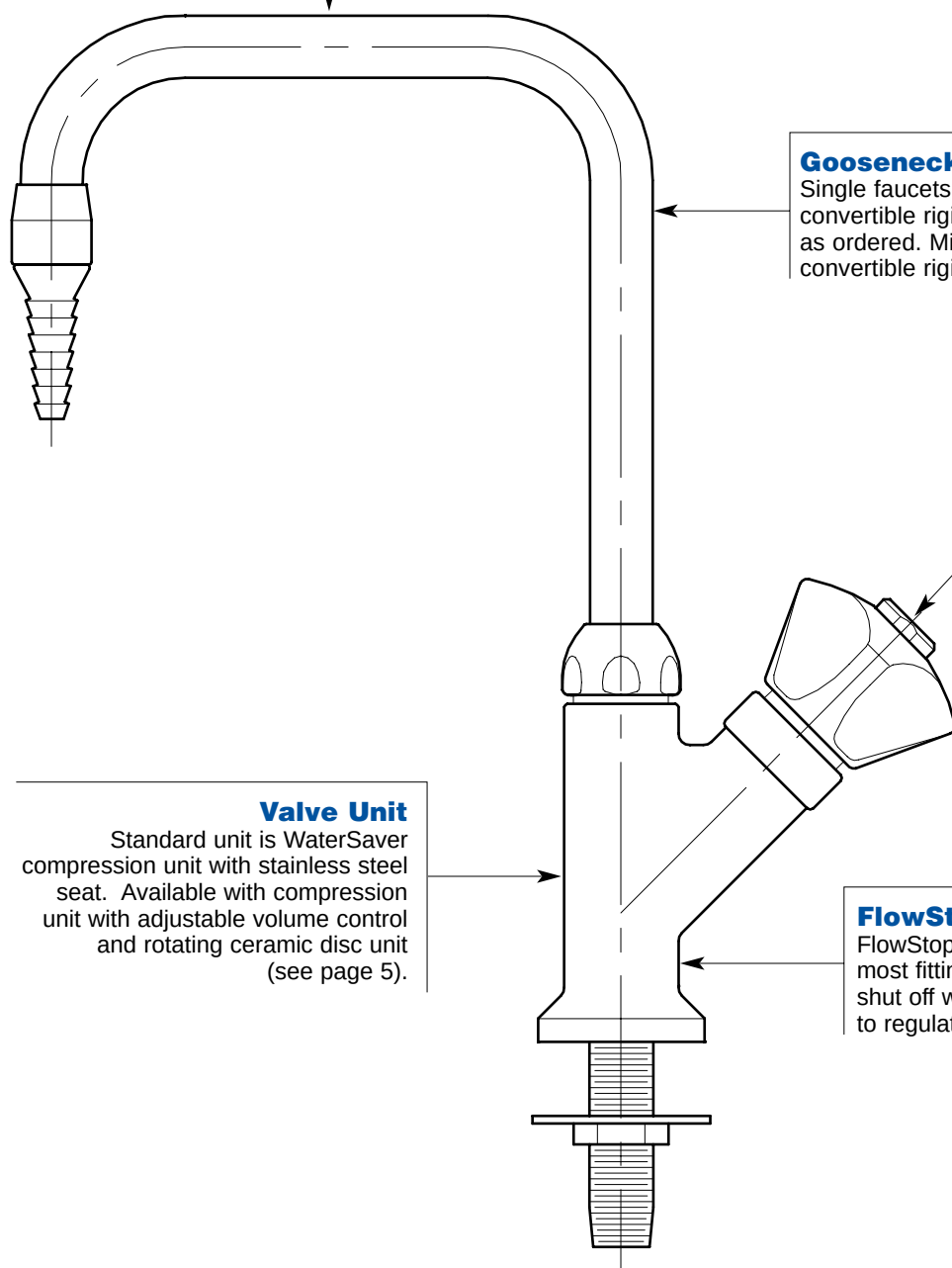
Standard handle is molded nylon (color coded or black). Optional handle is diecast aluminum with powder coated finish (add suffix "M").

Valve Unit

Standard unit is WaterSaver compression unit with stainless steel seat. Available with compression unit with adjustable volume control and rotating ceramic disc unit (see page 5).

FlowStop

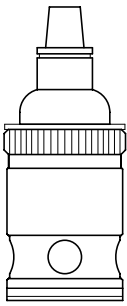
FlowStop isolation valve is available on most fittings. FlowStop may be used to shut off water supply for maintenance and to regulate volume of flow.



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

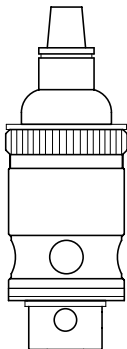
All cartridges are completely self-contained and include all working components of the valve mechanism. No wearing components are separate from the valve unit. The faucet

body itself is thus not subject to wear, making it virtually everlasting. Replacement of the cartridge instantly produces a "new" faucet.



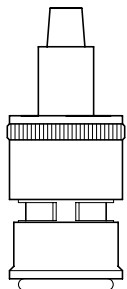
Compression Unit

- Molded TFE stem packing seals valve stem. Packing prevents leakage over hundreds of thousands of cycles. Adjustable packing nut permits take-up of wear.
- Cartridge has outer serrations to lock into faucet body. Unit cannot turn or move in faucet body, even with wrist blade handles.
- 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.
- Manual and self-closing valve units are interchangeable. Field conversion can be accomplished in seconds.



Compression Unit with Adjustable Volume Control

- Same construction features as compression unit (stainless steel seat, TFE 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.

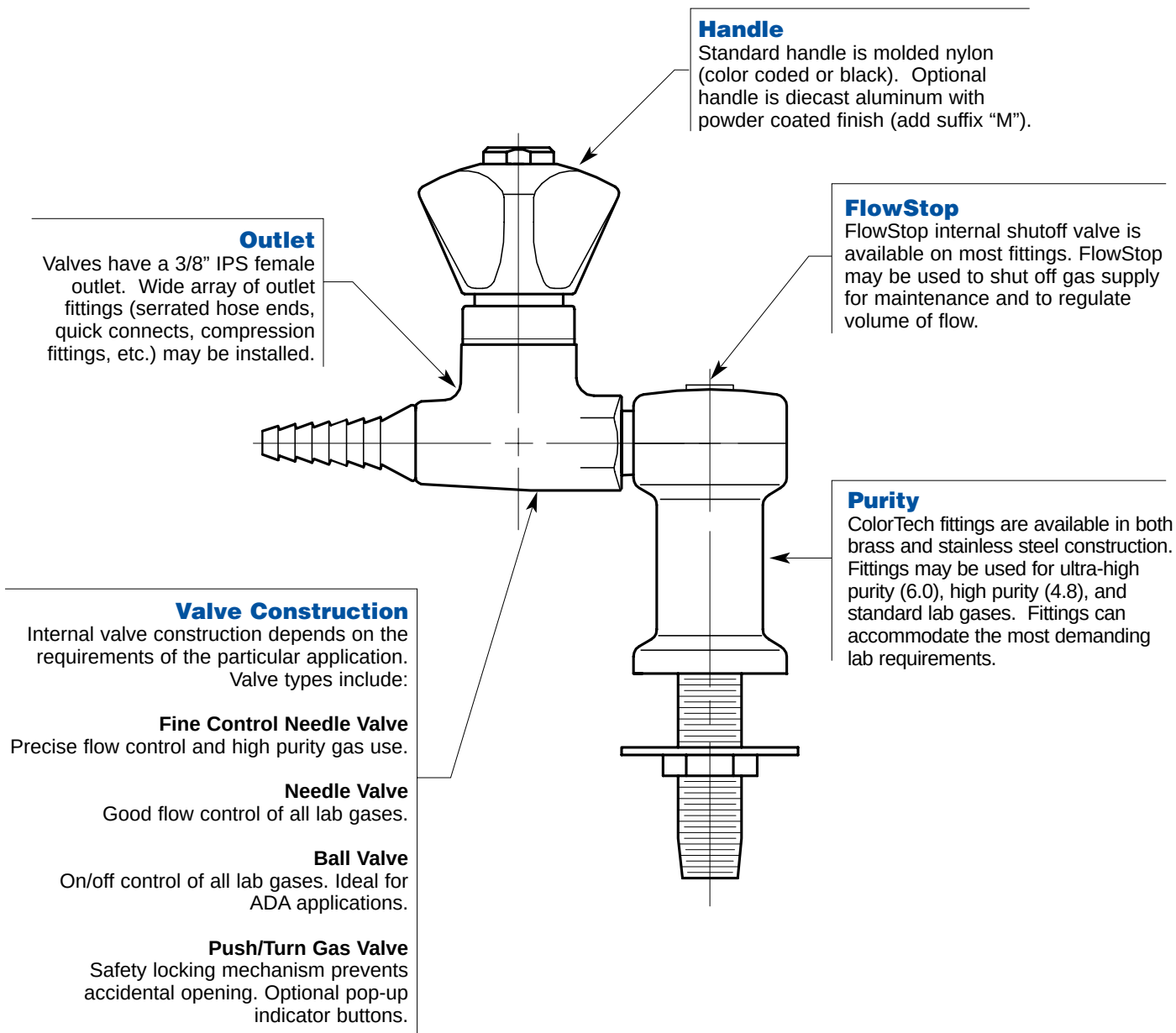


Ceramic Disc Unit

- 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 handle.
- Wear-resistant thrust washer is low friction for smooth opening and closing of valve.
- Internal baffles reduce noise as water flows through valve.

Product Features/Options: Valves for Gases

The ColorTech product range incorporates a wide variety of valves for laboratory gas services. Lab planners and users can select the valve best suited for any particular application. Key features and options of these valves are as follows:



ColorTech needle valves utilize a stainless steel floating needle that closes against a stainless steel seat. The stainless-against-stainless closure provides precise metering (with no "spongy" or "sticky" feel) and everlasting service. As the valve is used, the needle and seat form a matched fit. Valves perform over hundreds of thousands of cycles without ever replacing the internal components.

Fine control needle valves provide precise flow control of all laboratory gases, including high purity (99.998% pure) 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 pressures up to 250 PSI. Standard needle valves are individually tested at 225 PSI nitrogen pressure and are rated for use at pressures up to 150 PSI.

Fine Control Needle Valves

Valves are available in both brass and Type 316 all-stainless steel construction.

Valves are specially cleaned, lubricated and packaged for high purity gas service.

Floating stainless steel needle with long taper self-centers on valve seat. As the valve is used, the needle and seat form a matched fit, making the valve easier to open and close. The valve actually "improves with age."



Molded TFE stem packing with adjustable packing nut. Packing seals valve stem into body. Adjustable nut permits take-up of wear, assuring maintenance-free service.



Ultra-fine stem threads for micro-control. Valve goes from closed to fully open in 6 full revolutions of the handle. Valve is capable of delivering one bubble of nitrogen gas at a time.

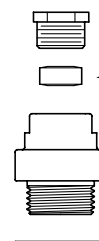


Replaceable stainless steel seat threads into valve body.

Needle Valves

Where used for oxygen and other pure gases, valves may be specially cleaned, lubricated and packaged to maintain the purity of the media.

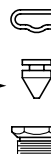
Floating stainless steel needle self-centers on valve seat. As the valve is used, the needle and seat form a matched fit, making the valve easier to open and close. The valve actually "improves with age".



Molded TFE stem packing with adjustable packing nut. Packing seals valve stem into body. Adjustable nut permits take-up of wear, assuring maintenance-free service.



Fine stem threads for good metering of flow. Valve goes from closed to fully open in 2 full revolutions of the handle.



Replaceable stainless steel seat threads into valve body.

Valve Selection Guide

This catalog presents a variety of valves that may be used for laboratory gas services (such as compressed air, natural gas, vacuum, nitrogen, helium, argon, oxygen, etc.). The selection of a particular type of valve for any given application depends on a variety of factors, including the working pressure of the service, the degree of metering or control desired and the characteristics

(including the corrosiveness) of the gas. The table below contains a description of the various types of valves that may be used for laboratory gas service. This guide can serve as a reference point in selecting the valve that is best suited for a particular application.

Valve Type	Fine Control Needle Valve	Standard Needle Valve	Laboratory Ball Valve
Models	CT2870, CT62870, etc.	CT2880, CT3180, etc.	CT4200, CT4200M, etc.
Construction	Needle Point	Needle Point	Ball Valve
Control	Precise Metering	Good Metering	On/Off
Material	Brass or St Steel	Brass	Brass
Handle	Hooded	Hooded	Lever
Test Pressure	375 PSI NIT	225 PSI NIT	125 PSI NIT
Maximum Working Pressure	250 PSI	150 PSI	75 PSI
AGA/CGA Certification	No	No	Yes
Use with Pressure Regulator	Yes	No	No
Cleaned for High Purity Gas	Standard	When Ordered	When Ordered
Gas Compatibility by Service (Symbol):			
Air (AIR)	Yes	Yes	Yes
Acetylene (C2H2)	Yes (St Stl only; 15 PSI max)	No	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)	Yes	Yes	Yes
Gas (GAS)	Yes	Yes	Yes
Helium (HE)	Yes	Yes	Yes
High Vacuum (HI VAC)	Yes	Yes	Yes
Hydrogen (HYD)	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)	Yes	Yes	Yes
Sulphur Dioxide (SO2)	Yes	Yes	Yes
Vacuum (VAC)	Yes	Yes	Yes

Notes:

1. WaterSaver Faucet Co. offers a wide selection of valves for use with laboratory gases. The selection of any particular valve for any given 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 presented to assist in selecting the most appropriate valve for an application. However, care must be taken in selecting valves for gas service, 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.

2. For gases not specifically listed here, please consult with factory.

ColorTech fixtures may be furnished with either color-coded or black handles. If color-coded handles are furnished, the handle color will be coded to designate the fixture service. The index button will be furnished in a neutral color and will be marked with the appropriate symbol. If fixtures are furnished

with black handles, the index buttons will be color-coded and marked to designate the fixture service. Color coding and symbols comply with the requirements of SEFA Recommended Practice No. 7 (Laboratory and Hospital Fixtures). Color-coding and symbol standards are as follows:

Color-Coded Handles

Service	Handle Color	Index Color	Symbol
Air	Orange	See Note Below	AIR
Acetylene	Violet		ACET
Ammonia	Lt. Green		NH3
Argon	Violet		AR
Carbon Dioxide	Pink		CO2
Chilled Water Supply	Green		CHWS
Chilled Water Return	Green		CHWR
Cold Water	Green		CW
Compressed Air	Orange		CA
Deionized Water	White		DI
Distilled Water	White		DW
Gas	Blue		GAS
Glycol Supply	Lt. Green		GLY SUP
Glycol Return	Lt. Green		GLY RET
Helium	Black		HE
High Vacuum	Yellow		HVAC
Hot Water	Red		HW
Hydrogen	Pink		HYD
Low Vacuum	Yellow		LVAC
Methane	Lt. Blue		CH4
Natural Gas	Blue		NAT GAS
Nitrogen	Brown		NIT
Nitrogen	Gray		N
Nitrous Oxide	Lt. Green		N2O
Oxygen	Lt. Green		OXY
Reverse Osmosis Water	White		RO
Special Gas	Lt. Blue		SG
Steam	Black		STM
Vacuum	Yellow		VAC

Note: When color-coded handles are furnished, the index button is supplied in a neutral color to match the finish of the fixture. Index button colors are as follows:

White Finish: White index button
 Tan Finish: Tan index button
 Gray Finish: Gray index button
 Polished Clear Finish: Gray index button
 Satin Clear Finish: Gray index button

Black Handles

Service	Handle Color	Index Color	Symbol
Air	Black	Orange	AIR
Acetylene	Black	Violet	ACET
Ammonia	Black	Lt. Green	NH3
Argon	Black	Violet	AR
Carbon Dioxide	Black	Pink	CO2
Chilled Water Supply	Black	Green	CHWS
Chilled Water Return	Black	Green	CHWR
Cold Water	Black	Green	CW
Compressed Air	Black	Orange	CA
Deionized Water	Black	White	DI
Distilled Water	Black	White	DW
Gas	Black	Blue	GAS
Glycol Supply	Black	Lt. Green	GLY SUP
Glycol Return	Black	Lt. Green	GLY RET
Helium	Black	Black	HE
High Vacuum	Black	Yellow	HVAC
Hot Water	Black	Red	HW
Hydrogen	Black	Pink	HYD
Low Vacuum	Black	Yellow	LVAC
Methane	Black	Lt. Blue	CH4
Natural Gas	Black	Blue	NAT GAS
Nitrogen	Black	Brown	NIT
Nitrogen	Black	Gray	N
Nitrous Oxide	Black	Lt. Green	N2O
Oxygen	Black	Lt. Green	OXY
Reverse Osmosis Water	Black	White	RO
Special Gas	Black	Lt. Blue	SG
Steam	Black	Black	STM
Vacuum	Black	Yellow	VAC

Design and Installation Guidelines

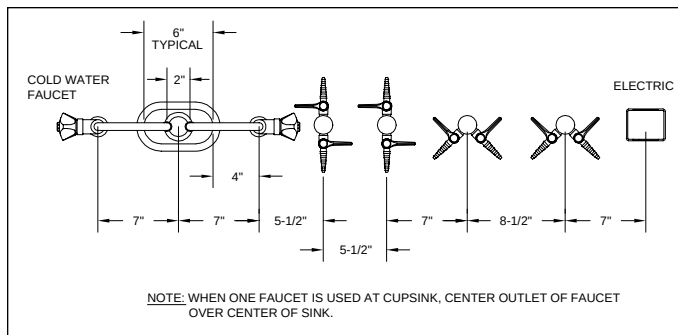
To assist laboratory designers, equipment specifiers and installers, WaterSaver has developed the following guidelines for laying out and installing its products. These guidelines are intended to be advisory only. Local building and plumbing codes, requirements for handicapped accessibility, local field conditions and other factors may require deviation from these guidelines.

Fixture Spacing

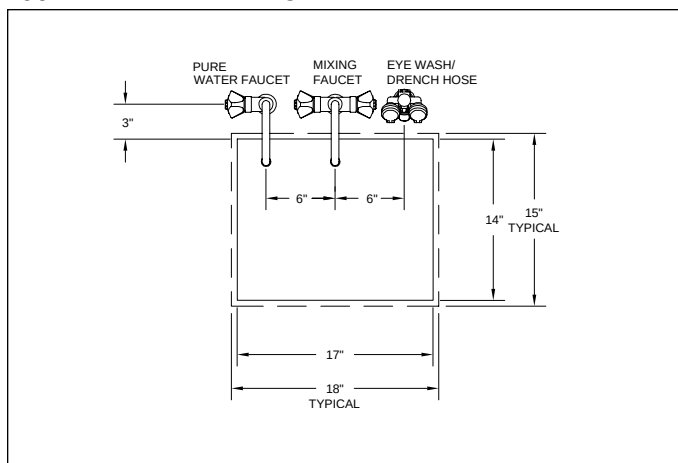
When laying out fixture groupings, it is necessary to provide ample space around fixtures for equipment to be connected to valves and for laboratory procedures to be carried out. It is also necessary to provide adequate spacing for handle clearances and easy operation of the faucets and valves.

Typical spacing for fixture arrangements at laboratory benches and sinks are shown below:

Typical cup sink arrangement



Typical lab sink arrangement



Hole Sizing

ColorTech fixtures are furnished with standard size inlet shanks which penetrate the deck or wall surface. Minimum acceptable hole sizes for these shanks are listed below. We recommend using the minimum acceptable hole size to accommodate the mounting shank. This will minimize the possibility of lateral movement of the fixture and provide as large a surface as possible for the locknut and lockwasher to secure against.

Shank Diameter	Minimum Hole Size
Fixtures with 3/8" IPS Mounting Shank	3/4" (.750)
Fixtures with 1/2" IPS Mounting Shank	7/8" (.875)
Fixtures with 3/4" IPS Mounting Shank	1-1/8" (1.125)
Fixtures with 1-3/16" Mounting Shank (ex: CT4400 series and CT2200 series faucets)	1-3/8" (1.375)

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
Gas	Black Iron	3/8"
Air/Vacuum	Copper	3/8"
Special Gases	Copper/Stainless Steel	3/8"
Steam	Black Iron	3/8"
Water	Copper	3/8"
Distilled, Deionized and Ultra-Pure 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"

Installation Procedures

Installing Colortech 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. Most ColorTech fixtures are furnished with American National standard taper pipe threads (NPT) on the fixture 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.
4. 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" for information on maximum test and working pressures.
5. Do not use valves for services and applications for which they are not intended. For example:
 - Valves for oxygen and other pure gas service must be specially cleaned, lubricated and packed. Valves which have not been specially cleaned are not acceptable.
 - Needle valves should be used for gas services only. They are generally not suitable for water or steam services.
 - Valves for acetylene must be all-stainless steel.
6. Use caution when applying a wrench or other tool to the exterior of a faucet or valve. Failure to do so can result in damage to the finish on the outer surfaces of the faucet or valve.
7. Every Colortech faucet and valve is fully assembled (i.e. the gooseneck is installed into the faucet body, the outlet fitting is installed into the gooseneck, valves are installed in the turret base, etc.). Full assembly enables us to inspect and test the fixture as a complete assembly. Fixtures are tagged when testing is complete. If a fixture is received without an inspection tag, please contact the factory.
8. Clean ColorTech fixtures using only 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 remove the lubricants used in the valve mechanism.

Specifications for ColorTech Laboratory Service Fixtures and Safety Equipment

Note: Where specifications are in italics, please select desired alternative.

I. General

A. All laboratory service fixtures and safety equipment shall have the construction and meet the performance requirements set forth in this section. Fixture types shall be as indicated in the fixture schedule or fixture details.

B. Laboratory fixtures and safety equipment shall be furnished and delivered to point of use by the laboratory casework contractor, for installation and plumbing by the mechanical contractor under Division 15 of the specifications.

C. All laboratory service fixtures and safety equipment shall be the product of one service fixture manufacturer to assure uniform appearance and ease of maintenance of the laboratory facility. Remote control valves and fittings furnished with fume hoods shall be the product of the same fixture manufacturer.

D. All service fixtures shall be factory assembled (including the assembly of valves and shanks to turrets, flanges and other mounting accessories), and each fixture shall be individually factory tested in the manner and at the pressures set forth below.

E. All service fixtures shall be designed to minimize exposed surfaces on which dust, dirt and airborne contaminants may collect, and to facilitate cleaning and maintenance of the service fixture. Faucet and valve handles shall be hooded to cover the valve stem and top surface of the packing nut or bonnet. The valve stem shall not be exposed to view as the faucet or valve is opened and closed.

F. Faucet and valve handles shall be *[molded nylon hooded type]* *[diecast aluminum hooded type]* and shall be *[color-coded per service index color]* *[black]*. Color code requirements shall be as follows:

Service	Color	Symbol
Cold Water	Green	CW
Hot Water	Red	HW
Gas	Blue	GAS
Air	Orange	AIR
Vacuum	Yellow	VAC
Nitrogen	Brown	NIT
Steam	Black	STM
Deionized Water	White	DI

(Add additional services as required)

G. All laboratory service fixtures and safety equipment shall be ColorTech fixtures manufactured by WaterSaver Faucet Co.

II. Finish

A. Finish For Laboratory Service Fixtures and Safety Equipment:

All laboratory service fixtures (except fittings inside fume hoods) and safety equipment shall have the finish described below:

Select desired alternative:

Colored Epoxy Finish

All laboratory service fixtures (except fittings inside fume hoods) and safety equipment shall be furnished with ColorTech powder coated finish in *[white]* *[tan]* *[gray]**. Coating material shall be free flowing epoxy/polyester hybrid powder with a particle size of 35-70 microns. Surfaces to be coated shall be (a) polished or sandblasted to produce a uniform fine-grained surface and (b) immersed in a phosphoric acid cleaning solution to remove thoroughly all oil, grease and other foreign substances. Following cleaning, coating material shall be electrostatically applied to all exposed surfaces. After application, coating shall be fully baked to permit curing. Surfaces shall have a minimum coating thickness of 2 mils.

Polished Chrome Plated with Clear Epoxy Coating

All laboratory service fixtures (except fittings inside fume hoods) and safety equipment shall be furnished with a polished chrome plated finish with clear epoxy coating. All exposed surfaces shall be polished and buffed, then electroplated with one layer of nickel and one layer of chrome. Each layer of plating shall completely cover all visible surfaces. Following plating, surfaces to be coated shall be thoroughly cleaned and degreased. Clear epoxy coating shall then be applied to all exposed surfaces and fully baked to permit curing. Surfaces shall have a minimum coating thickness of 2 mils.

Satin Chrome Plated with Clear Epoxy Coating

All laboratory service fixtures (except fittings inside fume hoods) and safety equipment shall be furnished with a satin chrome plated finish with clear epoxy coating. All components shall be polished and buffed. Exposed surfaces shall then be further polished to an AISI No. 6 brushed finish which is fine-grained and uniform. Components shall then be electroplated with one layer of nickel and one layer of chrome. Following plating, surfaces to be coated shall be cleaned and degreased. Clear epoxy coating shall then be applied to all exposed surfaces and fully baked to permit curing. Surfaces shall have a minimum coating thickness of 2 mils.

B. Finish for Fume Hood Fittings:

Fittings inside fume hoods shall have a powder coated finish color-coded to match the service fitting index color.

C. Performance Requirements For Finishes:

Powder coated finishes shall meet the following performance tests and requirements:

1. Chemical Resistance

a. Fume Test. Suspend coated samples in a container at least 6 cu. ft. capacity, approximately 12" above open beakers, each containing 100 cc of 70% nitric acid, 94% sulfuric acid and 35% hydrochloric acid, respectively. After exposure to these fumes for 150 hours, the finish on the samples shall show no discoloration, disintegration or other defects.

b. Direct Application Test. Subject coated samples to the direct action of the reagents and solvents listed below at a temperature of 25 degrees C dropping from a burette at the rate of 60 drops per minute for ten minutes:

Acetone
Carbon Tetrachloride
Ethyl Alcohol
Glacial Acetic Acid (99.5%)
Hydrochloric Acid (38%)
Mineral Oil
Nitric Acid (70%)
Sodium Hydroxide (50%)
Sulfuric Acid (92%)
Toluene
Zinc Chloride-Saturated

Finish on the samples shall not rupture, though slight discoloration or possible softening is permissible.

2. Mar and Abrasion Resistance

Finish shall have a pencil hardness of 2H-4H with adhesion substantial enough to withstand both direct and reverse impacts of 160 inch pounds. Finish shall have excellent mar resistance and be capable of withstanding scuffing, marring and other ordinary wear.

3. Repairability

Finish shall be capable of surface repair in the event that a fitting is scratched or a surface rupture occurs. The service fitting manufacturer shall have available an air-drying aerosol coating, specially formulated to match the existing finish color, which may be applied in the field to repair coated surfaces.

III. Laboratory Service Fixtures

A. Water Faucets and Valves

1. Renewable Unit. Faucets and valves for water service shall have a renewable unit or cartridge containing all working components subject to wear, with the construction features described below:

Select desired alternative:

Compression Unit

Renewable units shall be compression valve design with a high durometer nitrile valve disc and replaceable stainless steel seat. The renewable unit shall be broached for position locking in the valve body. The unit shall have a molded TFE stem packing and adjustable packing nut. The unit shall be capable of being readily converted from compression to self-closing control, and visa versa, without disturbing the faucet body.

Compression Unit with Adjustable Volume Control

Renewable units shall be compression valve design with an integral adjustable volume control device. Units shall have a high durometer nitrile valve disc and replaceable stainless steel seat. The renewable unit shall be broached for position locking in the valve body. The unit shall have a molded TFE stem packing and adjustable packing nut. The unit shall be capable of being readily converted from compression to self-closing control, and vice versa, without disturbing the faucet body.

Ceramic Disc Unit

Renewable units shall have rotating self-lubricating ceramic discs to control the water flow. Units shall have a wear-resistant thrust washer and internal baffles for noise reduction. The renewable unit shall be broached for position locking in the valve body. Except where used with blade or lever handles, valve shall have 180 degree rotation from closed to open.

2. Goosenecks. Goosenecks shall have a separate outlet coupling with a 3/8" IPS female thread securely brazed to the gooseneck for attachment of serrated hose ends, aerators and other outlet fittings. Rigid goosenecks shall have a 3/8" IPS male inlet thread and be threaded directly into the faucet body so as to be absolutely rigid. Swing goosenecks shall utilize a double O-ring union-type construction and be convertible from swing to rigid and vice versa.

3. Vacuum Breakers. Vacuum breakers, where required and indicated by the fixture number, shall be integral with the gooseneck. Vacuum breakers shall have a forged brass body, a renewable seat and an ultralight float cup with silicone gasket for fine flow control. Vacuum breakers shall not spill over at low water volume. Vacuum breakers shall be certified by the American Society of Sanitary Engineers (ASSE) under Standard 1001.

4. Certification. All fixtures for water service shall meet the requirements of ANSI/ASME A112.18.1M-1989 and be certified by the Canadian Standards Association (CSA) under Standard CAN/CSA B.125.M89.

5. Testing. Water faucets and valves shall be fully assembled and individually tested at 80 pounds per square inch (PSI) water pressure.

B. Distilled, Deionized and Pure Water Fixtures

Faucets and valves for distilled, deionized and reverse osmosis water shall have the construction described below:

Select desired alternative:

Tin-Lined Brass

Fixtures shall be fabricated of brass with an interior lining of pure tin. Tin lining shall be applied by (i) prior to machining, dipping faucet bodies and goosenecks in liquid tin to coat thoroughly all interior surfaces, and (ii) after machining, tin plating faucet bodies, goosenecks and all other fixture components to cover all exposed surfaces. Tin-lined brass fixtures shall have the same internal construction as specified for water faucets and valves in paragraph III.A. above.

Polypropylene-Lined Brass

Fixtures shall be fabricated with a brass exterior and an interior lining of inert polypropylene. All components in contact with pure water shall be polypropylene. Valves shall be manual or self closing type (as indicated by the fixture number). Valves shall have a brass stem and valve bonnet, an elastomeric diaphragm and a removable serrated hose end.

Specifications for ColorTech Laboratory Service Fixtures and Safety Equipment

PVDF-Lined Brass

Fixtures shall be fabricated with a brass exterior and an interior lining of inert polyvinylidene fluoride (PVDF). All components in contact with pure water shall be PVDF. Valves shall be manual or self-closing type (as indicated by the fixture number). Valves shall have a brass stem and valve bonnet, an elastomeric diaphragm and a removable serrated hose end.

Stainless Steel

Fixtures shall be fabricated of Type 316 stainless steel. All components in contact with pure water shall be stainless steel. Valves shall be compression valve design with a renewable unit containing all working components subject to wear. Valves shall have a high durometer valve disc, stainless steel valve seat, molded TFE stem packing and adjustable packing nut.

C. Valves for Gas, Air, Vacuum and Special Gas Service

1. Fine Control Needle Valves. Fine control needle valves shall have a forged brass valve body with a 3/8" IPS female outlet for attachment of serrated hose ends, quick connects or other outlet fittings. Valves shall have a self-centering replaceable stainless steel floating cone and a replaceable stainless steel valve seat with a .125" diameter orifice. The floating cone shall be tapered with a maximum diameter of .125". The valve shall have a molded TFE stem packing with an externally adjustable packing nut. The valve shall go from closed to fully open in 6 full revolutions of the handle. Fine control needle valves shall be fully assembled and individually tested at 375 PSI nitrogen pressure. Maximum working pressure shall be 250 PSI.

2. Needle Valves. Needle valves shall have a forged brass valve body with a 3/8" IPS female outlet for attachment of serrated hose ends, quick connects or other outlet fittings. Valves shall have a self-centering replaceable stainless steel floating cone and a replaceable stainless steel valve seat. The valve shall have a molded TFE stem packing with an externally adjustable packing nut. The valve shall go from closed to fully open in two full revolutions of the handle. Needle valves shall be fully assembled and individually tested at 225 PSI nitrogen pressure. Maximum working pressure shall be 150 PSI air pressure.

3. Laboratory Ball Valves. Laboratory ball valves shall have a forged brass valve body with a 3/8" IPS female outlet for attachment of serrated hose ends, quick connects or other outlet fittings. Valves shall have a chrome plated brass ball and molded TFE seals. Where used for gas service, valves shall be certified by the American Gas Association (AGA) under ANSI Z21.15 ("Manually Operated Gas Valves"). Ball valves shall be fully assembled and individually tested at 125 PSI nitrogen pressure. Maximum working pressure shall be 75 PSI. Where used for gas service, valves are AGA-certified to 0.50 PSI.

D. Remote Control Valves for Fume Hoods

Remote control valves shall be mounted on the front panel of the fume hood, with all components subject to wear accessible from the front exterior face of the hood. Valves shall have a forged brass body with a threaded collar to hold the valve in place. Valves for water shall have either compression valve or rotating ceramic disc construction (as indicated by the fitting number). Valves for laboratory gases shall be either fine control or standard needle-type design (as indicated by the fitting number), with a self-centering replaceable stainless steel floating cone and a replaceable stainless steel valve seat. Where indicated, valves for burning gases shall be push/turn type with rotating ceramic disc construction.

E. Electric Pedestal Boxes

Electric pedestal boxes shall be cast aluminum with an integral base, shall be machined for both standard and ground fault receptacles, and shall be furnished complete with grounding screws, mounting shank and locknut. Electric pedestal boxes shall be listed by Underwriters Laboratories (UL) under Standard UL514A. Receptacles shall be commercial or specification grade. Face plates shall be Type 304 stainless steel with formed and beveled edges.

IV. Laboratory Safety Equipment

A. Emergency eye wash and shower equipment shall be ColorTech style with a powder coated finish to match the laboratory service fixtures. Finish shall meet the performance requirements set forth in paragraph II. C. above.

B. Emergency showers shall have a cast brass shower head with a perforated face plate for complete dispersion of the water. Valves shall be cast or forged brass with stainless steel actuators.

C. Emergency eye wash, eye/face wash and drench hose units shall utilize spray-type outlet heads. Each spray head shall have a "flip top" dust cover, an internal flow control and a filter to remove impurities from the water.

D. All pipe and fittings shall be brass. Units with galvanized steel pipe and fittings shall not be acceptable.

E. All emergency eye wash and shower equipment shall be certified by a nationally-recognized testing laboratory to meet the requirements of ANSI Z358.1-1998 ("Emergency Eye Wash and Shower Equipment").

Water Faucets and Fittings

Laboratory Water Valves
Laboratory Single Faucets
Laboratory Mixing Faucets

Multiple Outlet Water Fixtures
Foot-Operated Faucets
Pre-Rinse Units



CT1714WSA



CT4414



CT3914BH

Application: Laboratory water valve for cold or hot water. Specify service when ordering.

Finish: Fittings are available with a choice of five powder coated finishes. Specify finish when ordering: white, gray, tan, polished chrome with clear epoxy or satin chrome with clear epoxy.

FlowStop: Fittings are available with optional FlowStop. FlowStop may be used to shut off water supply for maintenance and to regulate volume of flow.

Additional Options: See pages 68-72.

Valve Unit: WaterSaver self-contained renewable compression unit with replaceable stainless steel seat. Also available with ceramic disc cartridge (order CTC2800).

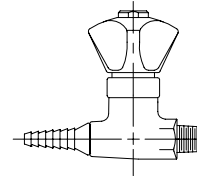
Inlet: 3/8" IPS male inlet.

Outlet: 3/8" IPS female outlet with removable seven serration hose end.

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

CT2800

*Laboratory Water Valve,
Straight Pattern*



Mounting: Deck mounted turret base with single valve.

Valve Unit: WaterSaver self-contained renewable compression unit with replaceable stainless steel seat. Also available with ceramic disc cartridge (order CTC2800-231WSA).

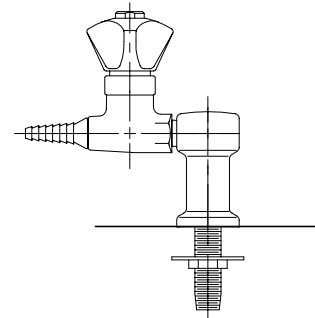
Inlet: 3/8" IPS male inlet.

Outlet: 3/8" IPS female outlet with removable seven serration hose end.

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

CT2800-231WSA

*Single Water Valve Fitting,
Deck Mounted*



FlowStop Model:

CTFS2800-231WSA Same as above except with FlowStop.

Mounting: Deck mounted turret base with two valves at 180 degrees.

Valve Units: WaterSaver self-contained renewable compression units with replaceable stainless steel seats. Also available with ceramic disc cartridges (order CTC2800-232SWSA).

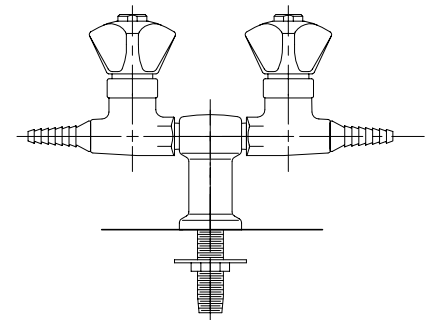
Inlet: 3/8" IPS male inlet.

Outlets: 3/8" IPS female outlets with removable seven serration hose ends.

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

CT2800-232SWSA

*Double Water Valve Fitting,
Deck Mounted*



FlowStop Model:

CTFS2800-232SWSA Same as above except with FlowStop.

Additional Models:

CT2800-232AWSA Same as above except with two valves at 90 degrees.

CT2800-234WSA Same as above except with four valves.

Mounting: Panel mounted wye fitting with two valves at 90 degrees.

Valve Units: WaterSaver self-contained renewable compression units with replaceable stainless steel seats. Also available with ceramic disc cartridges (order CTC2800-141WSA).

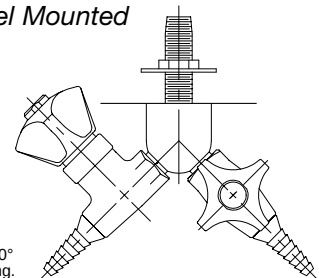
Inlet: 3/8" IPS male inlet.

Outlets: 3/8" IPS female outlets with removable seven serration hose ends.

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

CT2800-141WSA

*Double Water Valve Fitting,
Panel Mounted*



Left hand valve is rotated 90° counter-clockwise for viewing.

FlowStop Model:

CTFS2800-141WSA Same as above except with FlowStop.

Laboratory Water Valves

Application: Laboratory water valve for cold or hot water. Specify service when ordering.

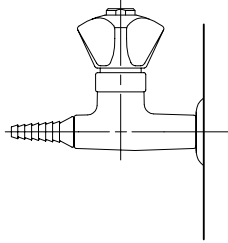
Finish: Fittings are available with a choice of five powder coated finishes. Specify finish when ordering: white, gray, tan, polished chrome with clear epoxy or satin chrome with clear epoxy.

FlowStop: Fittings are available with optional FlowStop. FlowStop may be used to shut off water supply for maintenance and to regulate volume of flow.

Additional Options: See pages 68-72.

CT4800

*Laboratory Water Valve,
Suspended/Panel Mounted*



Valve Unit: WaterSaver self-contained renewable compression unit with replaceable stainless steel seat. Also available with ceramic disc cartridge (order CTC4800).

Inlet: 3/8" IPS female inlet with plastic escutcheon.

FlowStop Model:

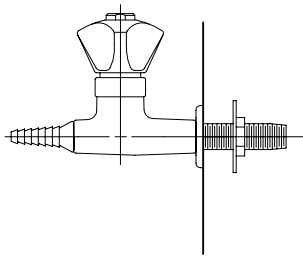
CTFS4800 Same as above except with FlowStop.

Outlet: 3/8" IPS female outlet with removable seven serration hose end.

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

CT4800-225WSA

*Laboratory Water Valve,
Suspended/Panel Mounted*



Mounting: Brass escutcheon with 3/8" IPS mounting shank, locknut and washer.

Valve Unit: WaterSaver self-contained renewable compression unit with replaceable stainless steel seat. Also available with ceramic disc cartridge (order CTC4800-225WSA).

FlowStop Model:

CTFS4800-225WSA Same as above except with FlowStop.

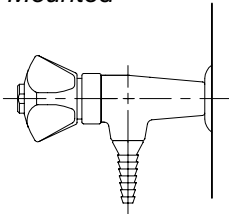
Inlet: 3/8" IPS male inlet.

Outlet: 3/8" IPS female outlet with removable seven serration hose end.

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

CT5100

*Laboratory Water Valve,
Panel Mounted*



Valve Unit: WaterSaver self-contained renewable compression unit with replaceable stainless steel seat. Also available with ceramic disc cartridge (order CTC5100).

Inlet: 3/8" IPS female inlet with plastic escutcheon.

FlowStop Model:

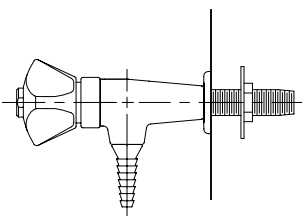
CTFS5100 Same as above except with FlowStop.

Outlet: 3/8" IPS female outlet with removable seven serration hose end.

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

CT5100-225WSA

*Laboratory Water Valve,
Panel Mounted*



Mounting: Brass escutcheon with 3/8" IPS mounting shank, locknut and washer.

Valve Unit: WaterSaver self-contained renewable compression unit with replaceable stainless steel seat. Also available with ceramic disc cartridge (order CTC5100-225WSA).

FlowStop Model:

CTFS5100-225WSA Same as above except with FlowStop.

Inlet: 3/8" IPS male inlet.

Outlet: 3/8" IPS female outlet with removable seven serration hose end.

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

Application: Laboratory water valve for cold or hot water. Specify service when ordering.

Finish: Fittings are available with a choice of five powder coated finishes. Specify finish when ordering: white, gray, tan, polished chrome with clear epoxy or satin chrome with clear epoxy.

FlowStop: Fittings are available with optional FlowStop. FlowStop may be used to shut off water supply for maintenance and to regulate volume of flow.

Additional Options: See pages 68-72.

Valve Unit: WaterSaver self-contained renewable compression unit with replaceable stainless steel seat. Also available with ceramic disc cartridge (order CTC3100).

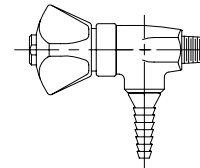
Inlet: 3/8" IPS male inlet.

Outlet: 3/8" IPS female outlet with removable seven serration hose end.

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

CT3100

*Laboratory Water Valve,
Angle Pattern*



Mounting: Reversed turret base with single valve.

Valve Unit: WaterSaver self-contained renewable compression unit with replaceable stainless steel seat. Also available with ceramic disc cartridge (order CTC3100-231WSA).

FlowStop Model:

CTFS3100-231WSA Same as above except with FlowStop.

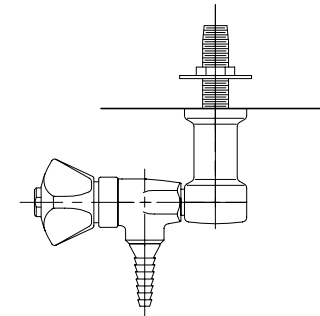
Inlet: 3/8" IPS male inlet.

Outlet: 3/8" IPS female outlet with removable seven serration hose end.

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

CT3100-231WSA

*Single Water Valve Fitting,
Suspended Mounting*



Mounting: Reversed turret base with two valves at 180 degrees.

Valve Units: WaterSaver self-contained renewable compression units with replaceable stainless steel seats. Also available with ceramic disc cartridges (order CTC3100-232SWSA).

FlowStop Model:

CTFS3100-232SWSA Same as above except with FlowStop.

Additional Model:

CT3100-232AWSA Same as above except with two valves at 90 degrees.

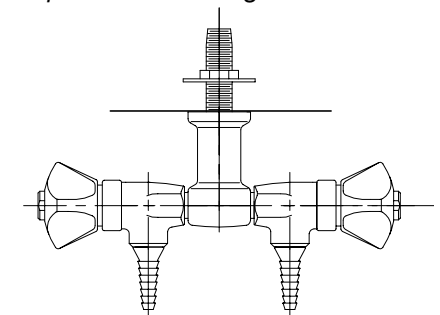
Inlet: 3/8" IPS male inlet.

Outlets: 3/8" IPS female outlets with removable seven serration hose ends.

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

CT3100-232SWSA

*Double Water Valve Fitting,
Suspended Mounting*



Mounting: Panel mounted wye fitting with two valves at 90 degrees.

Valve Units: WaterSaver self-contained renewable compression units with replaceable stainless steel seats. Also available with ceramic disc cartridges (order CTC3100-141WSA).

FlowStop Model:

CTFS3100-141WSA Same as above except with FlowStop.

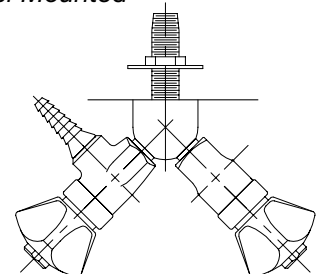
Inlet: 3/8" IPS male inlet.

Outlet: 3/8" IPS female outlet with removable seven serration hose end.

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

CT3100-141WSA

*Double Water Valve Fitting,
Panel Mounted*



Left hand valve is rotated 90° clockwise for viewing.

Laboratory Single Faucets

Application: Deck mounted single faucet for cold or hot water. Specify service when ordering.

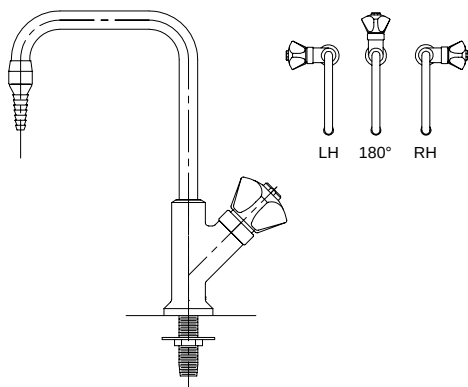
Finish: Faucets are available with a choice of five powder coated finishes. Specify finish when ordering: white, gray, tan, polished chrome with clear epoxy or satin chrome with clear epoxy.

FlowStop: Faucets are available with optional FlowStop. FlowStop may be used to shut off water supply for maintenance and to regulate volume of flow.

Additional Options: See pages 68-72.

CT3911

Deck Mounted, Rigid Gooseneck



Valve Unit: WaterSaver self-contained renewable compression unit with replaceable stainless steel seat. Also available with ceramic disc cartridge (order CTC3911).

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

FlowStop Model:

CTFS3911 Same as above except with FlowStop.

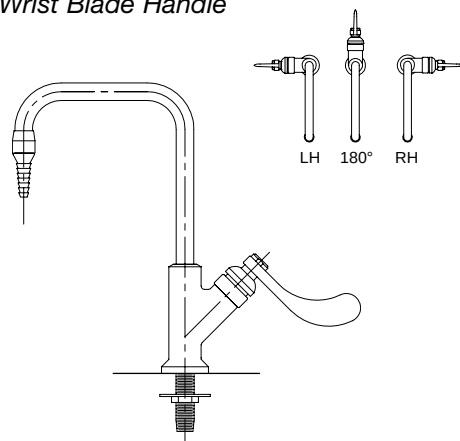
Inlet: 3/8" IPS male inlet.

Outlet: 3/8" IPS female outlet with removable seven serration hose end.

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

CT3911BH

Deck Mounted, Rigid Gooseneck, Wrist Blade Handle



Valve Unit: WaterSaver self-contained renewable compression unit with replaceable stainless steel seat. Also available with ceramic disc cartridge (order CTC3911BH).

Handle: 4" forged brass wrist blade handle with color-coded index disc.

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

FlowStop Model:

CTFS3911BH Same as above except with FlowStop.

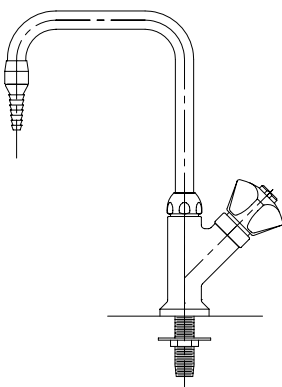
Inlet: 3/8" IPS male inlet.

Outlet: 3/8" IPS female outlet with removable seven serration hose end.

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

CT3914

Deck Mounted, Rigid/Swing Gooseneck



Valve Unit: WaterSaver self-contained renewable compression unit with replaceable stainless steel seat. Also available with ceramic disc cartridge (order CTC3914).

Gooseneck: 6" convertible rigid/swing gooseneck.

FlowStop Model:

CTFS3914 Same as above except with FlowStop.

Inlet: 3/8" IPS male inlet.

Outlet: 3/8" IPS female outlet with removable seven serration hose end.

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

Application: Deck mounted single faucet with vacuum breaker for cold or hot water. Specify service when ordering.

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

Finish: Faucets are available with a choice of five powder coated finishes. Specify finish when ordering: white, gray, tan, polished chrome with clear epoxy or satin chrome with clear epoxy.

FlowStop: Faucets are available with optional FlowStop. FlowStop may be used to shut off water supply for maintenance and to regulate volume of flow.

Additional Options: See pages 68-72.

Valve Unit: WaterSaver self-contained renewable compression unit with replaceable stainless steel seat. Also available with ceramic disc cartridge (order CTC3911VB)

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

FlowStop Model:

CTFS3911VB Same as above except with FlowStop.

Vacuum Breaker: Integral vacuum breaker to prevent backflow.

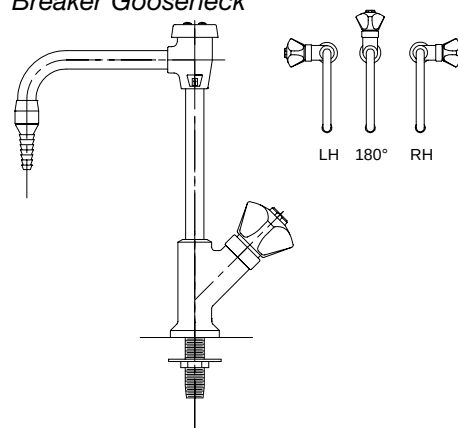
Inlet: 3/8" IPS male inlet.

Outlet: 3/8" IPS female outlet with removable seven serration hose end.

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

CT3911VB

Deck Mounted, Rigid Vacuum Breaker Gooseneck



Valve Unit: WaterSaver self-contained renewable compression unit with replaceable stainless steel seat. Also available with ceramic disc cartridge (order CTC3911VB-BH).

Handle: 4" forged brass wrist blade handle with color-coded index disc.

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

FlowStop Model:

CTFS3911VB-BH Same as above except with FlowStop.

Vacuum Breaker: Integral vacuum breaker to prevent backflow.

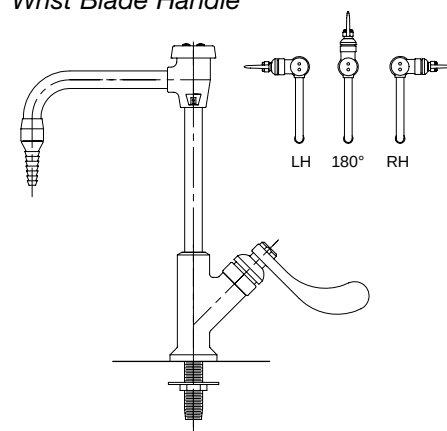
Inlet: 3/8" IPS male inlet.

Outlet: 3/8" IPS female outlet with removable seven serration hose end.

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

CT3911VB-BH

Deck Mounted, Rigid Gooseneck, Wrist Blade Handle



Valve Unit: WaterSaver self-contained renewable compression unit with replaceable stainless steel seat. Also available with ceramic disc cartridge (order CTC3914VB).

Gooseneck: 6" convertible rigid/swing gooseneck.

Vacuum Breaker: Integral vacuum breaker to prevent backflow.

FlowStop Model:

CTFS3914VB Same as above except with FlowStop.

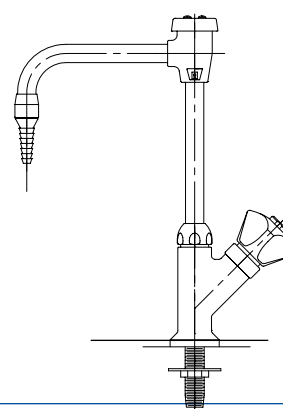
Inlet: 3/8" IPS male inlet.

Outlet: 3/8" IPS female outlet with removable seven serration hose end.

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

CT3914VB

Deck Mounted, Rigid/Swing Vacuum Breaker Gooseneck



Laboratory Single Faucets

Application: Panel mounted single faucet for cold or hot water. Specify service when ordering.

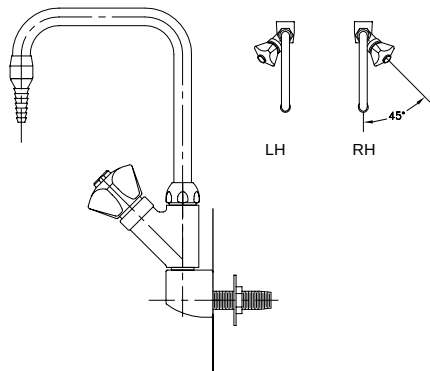
Finish: Faucets are available with a choice of five powder coated finishes. Specify finish when ordering: white, gray, tan, polished chrome with clear epoxy or satin chrome with clear epoxy.

FlowStop: Faucets are available with optional FlowStop. FlowStop may be used to shut off water supply for maintenance and to regulate volume of flow.

Additional Options: See pages 68-72.

CT3814WSA

Panel Mounted,
Rigid/Swing Gooseneck



Valve Unit: WaterSaver self-contained renewable compression unit with replaceable stainless steel seat. Also available with ceramic disc cartridge (order CTC3814WSA). Faucet is furnished with handle on right side unless left side is requested.

Gooseneck: 6" convertible rigid/swing gooseneck.

FlowStop Model:

CTFS3814WSA Same as above except with FlowStop.

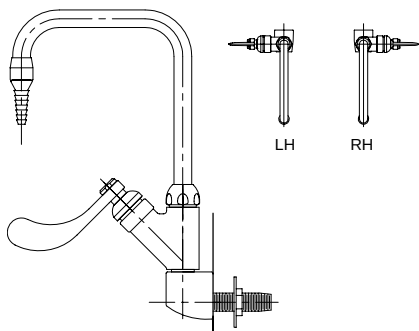
Inlet: 3/8" IPS male inlet.

Outlet: 3/8" IPS female outlet with removable seven serration hose end.

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

CT3814BH-WSA

Panel Mounted, Rigid/Swing
Gooseneck, Wrist Blade Handle



Valve Unit: WaterSaver self-contained renewable compression unit with replaceable stainless steel seat. Also available with ceramic disc cartridge (order CTC3814BH-WSA). Faucet is furnished with handle on right side unless left side is requested.

Handle: 4" forged brass wrist blade handle with color-coded index disc.

FlowStop Model:

CTFS3814BH-WSA Same as above except with FlowStop.

Gooseneck: 6" convertible rigid/swing gooseneck.

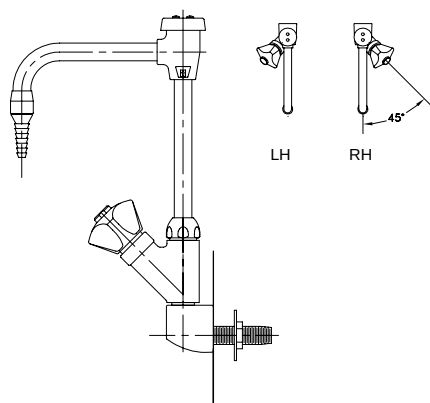
Inlet: 3/8" IPS male inlet.

Outlet: 3/8" IPS female outlet with removable seven serration hose end.

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

CT3814VB-WSA

Panel Mounted, Rigid/Swing
Vacuum Breaker Gooseneck



Valve Unit: WaterSaver self-contained renewable compression unit with replaceable stainless steel seat. Also available with ceramic disc cartridge (order CTC3814VB-WSA). Faucet is furnished with handle on right side unless left side is requested.

Gooseneck: 6" convertible rigid/swing gooseneck.

FlowStop Model:

CTFS3814VB-WSA Same as above except with FlowStop.

Additional Model:

CT3814VB-BH-WSA Same as CT3814VB-WSA except with wrist blade handle.

Vacuum Breaker: Integral vacuum breaker to prevent backflow.

Inlet: 3/8" IPS male inlet.

Outlet: 3/8" IPS female outlet with removable seven serration hose end.

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

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

Finish: Faucets are available with a choice of five powder coated finishes. Specify finish when ordering: white, gray, tan, polished chrome with clear epoxy or satin chrome with clear epoxy.

FlowStop: Faucets are available with optional FlowStop. FlowStop may be used to shut off water supply for maintenance and to regulate volume of flow.

Additional Options: See pages 68-72.

Valve Units: WaterSaver self-contained renewable compression units with replaceable stainless steel seats. Also available with ceramic disc cartridges (order CTC4414).

Gooseneck: 6" convertible rigid/swing gooseneck.

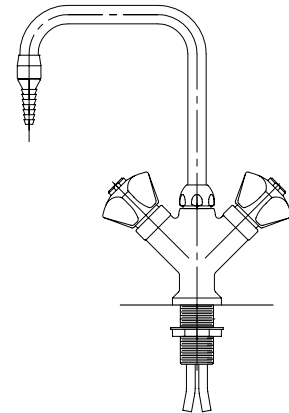
Inlets: 1 3/16" male shank with (2) 3/8" OD inlet tubes.

Outlet: 3/8" IPS female outlet with removable seven serration hose end. If aerator is desired in place of hose end, add suffix "-55".

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

CT4414

Deck Mounted, Rigid/Swing Gooseneck



FlowStop Model:

CTFS4414 Same as above except with FlowStops.

Valve Units: WaterSaver self-contained renewable compression units with replaceable stainless steel seats. Also available with ceramic disc cartridges (order CTC4414BH).

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

Gooseneck: 6" convertible rigid/swing gooseneck.

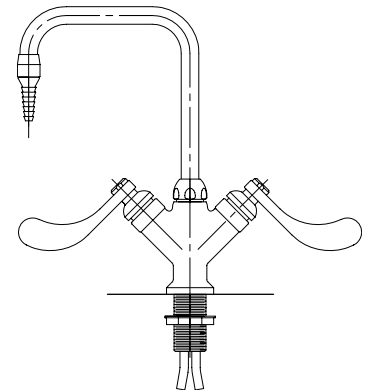
Inlets: 1 3/16" male shank with (2) 3/8" OD inlet tubes.

Outlet: 3/8" IPS female outlet with removable seven serration hose end. If aerator is desired in place of hose end, add suffix "-55".

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

CT4414BH

Deck Mounted, Rigid/Swing Gooseneck, Wrist Blade Handles



FlowStop Model:

CTFS4414BH Same as above except with Flowstops.

Valve Units: WaterSaver self-contained renewable compression units with replaceable stainless steel seats. Also available with ceramic disc cartridges (order CTC4414VB).

Gooseneck: 6" convertible rigid/swing gooseneck.

Vacuum Breaker: Integral vacuum breaker to prevent backflow.

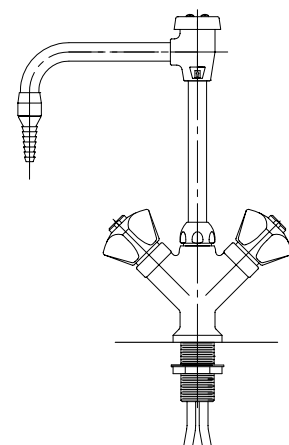
Inlets: 1 3/16" male shank with (2) 3/8" OD inlet tubes.

Outlet: 3/8" IPS female outlet with removable seven serration hose end. If aerator is desired in place of hose end, add suffix "-55".

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

CT4414VB

Deck Mounted, Rigid/Swing Vacuum Breaker Gooseneck



FlowStop Model:

CTFS4414VB Same as above except with FlowStops.

Additional Model:

CT4414VB-BH Same as CT4414VB except with wrist blade handles.

Laboratory Mixing Faucets

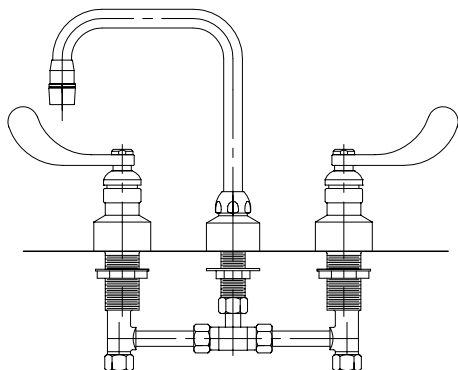
Application: Deck mounted mixing faucet for hot and cold water.

Finish: Faucets are available with a choice of five powder coated finishes. Specify finish when ordering: white, gray, tan, polished chrome with clear epoxy or satin chrome with clear epoxy.

Additional Options: See pages 68-72.

CT2224

Deck Mounted,
Rigid/Swing Gooseneck



Valve Units: WaterSaver self-contained renewable compression units with replaceable stainless steel seats. Also available with ceramic disc cartridges (order CTC2224).

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

Gooseneck: 6" convertible rigid/swing gooseneck.

Inlets: (2) 1 3/16" male shanks with 1/2" OD slipjoint connections. Center fitting has 1/2" IPS male shank. Furnished complete with locknuts, washers and center tee assembly.

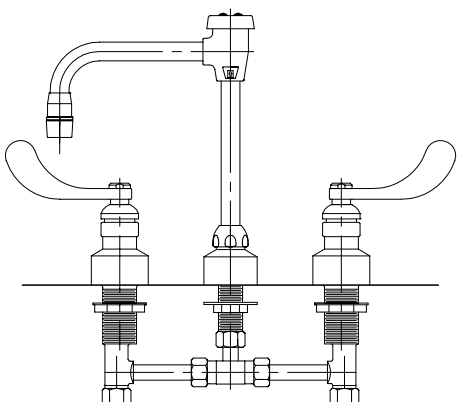
Outlet: 3/8" IPS female outlet with removable aerator.

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

Note: Faucet may be used with a foot-operated valve for hand and foot control. Add suffix "TWI" to faucet model number. Select foot-operated valve from page 26.

CT2224VB

Deck Mounted, Rigid/Swing
Vacuum Breaker Gooseneck



Valve Units: WaterSaver self-contained renewable compression units with replaceable stainless steel seats. Also available with ceramic disc cartridges (order CTC2224VB).

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

Gooseneck: 6" convertible rigid/swing gooseneck.

Vacuum Breaker: Integral vacuum breaker to prevent backflow.

Inlets: (2) 1 3/16" male shanks with 1/2" OD slipjoint connections. Center fitting has 1/2" IPS male shank. Furnished complete with locknuts, washers and center tee assembly.

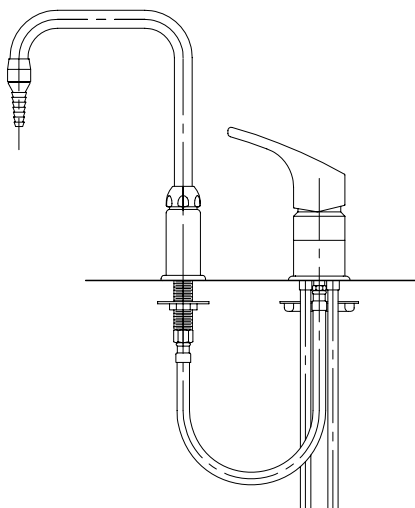
Outlet: 3/8" IPS female outlet with removable aerator.

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

Note: Faucet may be used with a foot-operated valve for hand and foot control. Add suffix "TWI" to faucet model number. Select foot-operated valve from page 26.

CT4614

Deck Mounted, Single Handle Mixer



Valve Unit: Ceramic disc mixing cartridge.

Handle: Forged brass lever type handle. Handle rotates 90 degrees to select water temperature.

Gooseneck: 6" convertible rigid/swing gooseneck.

Inlets: Valve has 1-3/16" dia. mounting shank with (2) 3/8" OD tubes for hot and cold water supplies. Gooseneck has 3/8" IPS mounting shank. Furnished complete with locknuts, washers and connections between valve and gooseneck.

Outlet: 3/8" IPS female outlet with removable seven serration hose end. If aerator is desired in place of hose end, add suffix "-55".

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

Additional Model:

CT4614VB Same as CT4614 except with vacuum breaker gooseneck.

Application: Panel mounted mixing faucet for hot and cold water.

Finish: Faucets are available with a choice of five powder coated finishes. Specify finish when ordering: white, gray, tan, polished chrome with clear epoxy or satin chrome with clear epoxy.

FlowStop: Faucets are available with optional FlowStop. FlowStop may be used to shut off water supply for maintenance and to regulate volume of flow.

Additional Options: See pages 68-72.

Valve Units: WaterSaver self-contained renewable compression units with replaceable stainless steel seats. Also available with ceramic disc cartridges (order CTC1714WSA).

Gooseneck: 6" convertible rigid/swing gooseneck.

Inlets: (2) 3/8" IPS union inlets with mounting shanks, locknuts and washers.

FlowStop Model:

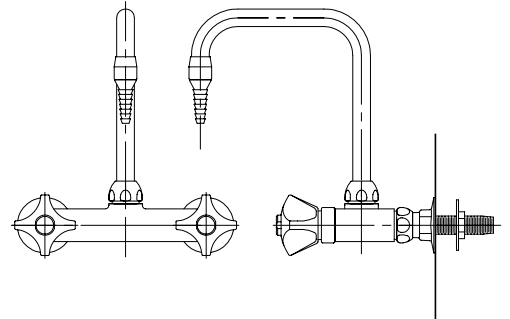
CTFS1714WSA Same as above except with FlowStops.

Outlet: 3/8" IPS female outlet with removable seven serration hose end. If aerator is desired in place of hose end, add suffix "-55".

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

CT1714WSA

*Panel Mounted,
Rigid/Swing Gooseneck*



Valve Units: WaterSaver self-contained renewable compression units with replaceable stainless steel seats. Also available with ceramic disc cartridges (order CTC1714BH-WSA).

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

Gooseneck: 6" convertible rigid/swing gooseneck.

FlowStop Model:

CTFS1714BH-WSA Same as above except with FlowStops.

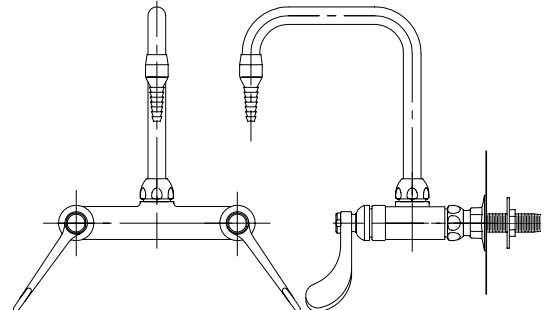
Inlets: (2) 3/8" IPS union inlets with mounting shanks, locknuts and washers.

Outlet: 3/8" IPS female outlet with removable seven serration hose end. If aerator is desired in place of hose end, add suffix "-55".

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

CT1714BH-WSA

*Panel Mounted, Rigid/Swing
Gooseneck, Wrist Blade Handles*



Valve Units: WaterSaver self-contained renewable compression units with replaceable stainless steel seats. Also available with ceramic disc cartridges (order CTC1714VB-WSA).

Gooseneck: 6" convertible rigid/swing gooseneck.

Vacuum Breaker: Integral vacuum breaker to prevent backflow.

FlowStop Model:

CTFS1714VB-WSA Same as above except with FlowStops.

Additional Model:

CT1714VB-BH-WSA Same as CT1714VB-WSA except with wrist blade handles.

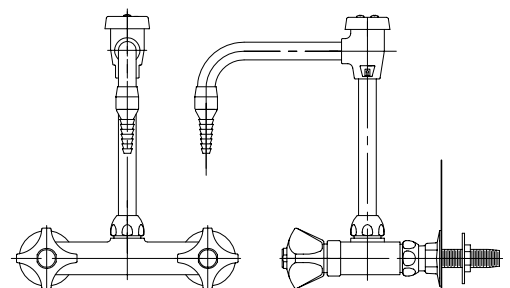
Inlets: (2) 3/8" IPS union inlets with mounting shanks, locknuts and washers.

Outlet: 3/8" IPS female outlet with removable seven serration hose end. If aerator is desired in place of hose end, add suffix "-55".

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

CT1714VB-WSA

*Panel Mounted, Rigid/Swing
Vacuum Breaker Gooseneck*



Multiple Outlet Water Fixtures

Application: Deck mounted fixture with two water valves.

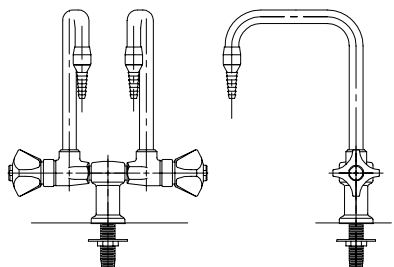
Finish: Fixtures are available with a choice of five powder coated finishes. Specify finish when ordering: white, gray, tan, polished chrome with clear epoxy or satin chrome with clear epoxy.

FlowStop: Fixtures are available with optional FlowStop. FlowStop may be used to shut off water supply for maintenance and to regulate volume of flow.

Additional Options: See pages 68-72.

CT370WSA

Double Outlet Fixture



Valve Units: WaterSaver self-contained renewable compression units with replaceable stainless steel seats. Also available with ceramic disc cartridges (order CTC370WSA).

Goosenecks: (2) 6" rigid goosenecks.

FlowStop Model:

CTFS370WSA Same as above except with FlowStop.

Additional Model:

CT370VB-WSA Same as CT370WSA except with vacuum breaker goosenecks.

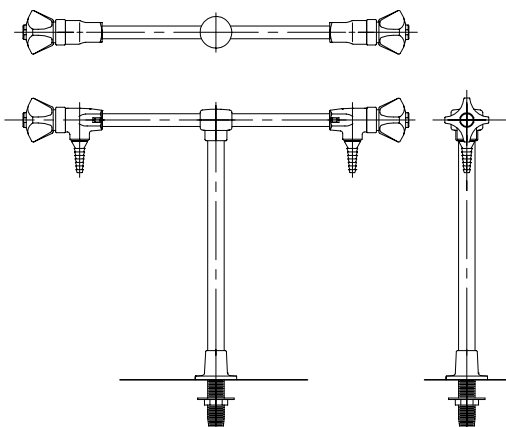
Inlet: 3/8" IPS male inlet.

Outlets: 3/8" IPS female outlets with removable seven serration hose ends.

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

CT381WSA

Double Outlet Fixture



Valve Units: WaterSaver self-contained renewable compression units with replaceable stainless steel seats. Also available with ceramic disc cartridges (order CTC381WSA).

Riser: 1/2" IPS brass riser with tee fitting and (2) outlet arms.

FlowStop Model:

CTFS381WSA Same as above except with FlowStop.

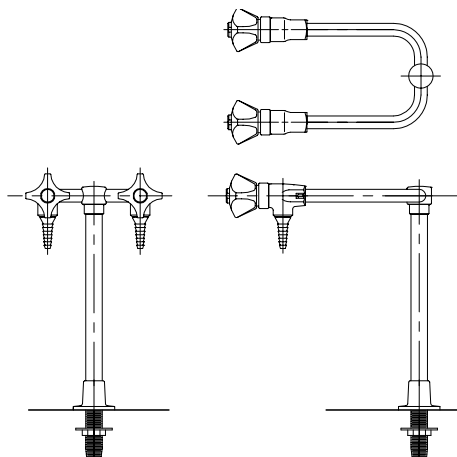
Inlet: 1/2" IPS male inlet.

Outlets: 3/8" IPS female outlets with removable seven serration hose ends.

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

CT382WSA

Double Outlet Fixture



Valve Units: WaterSaver self-contained renewable compression units with replaceable stainless steel seats. Also available with ceramic disc cartridges (order CTC382WSA).

Riser: 1/2" IPS brass riser with tee fitting and (2) outlet arms.

FlowStop Model:

CTFS382WSA Same as above except with FlowStop.

Inlet: 1/2" IPS male inlet.

Outlets: 3/8" IPS female outlets with removable seven serration hose ends.

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

Application: Deck or panel mounted fixture with three water valves.

Finish: Fixtures are available with a choice of five powder coated finishes. Specify finish when ordering: white, gray, tan, polished chrome with clear epoxy or satin chrome with clear epoxy.

FlowStop: Fixtures are available with optional FlowStop. FlowStop may be used to shut off water supply for maintenance and to regulate volume of flow.

Additional Options: See pages 68-72.

Valve Units: WaterSaver self-contained renewable compression units with replaceable stainless steel seats. Also available with ceramic disc cartridges (order CTC385WSA).

Riser: 1/2" IPS brass riser with center fitting and (3) outlet arms.

FlowStop Model:

CTFS385WSA Same as above except with FlowStop.

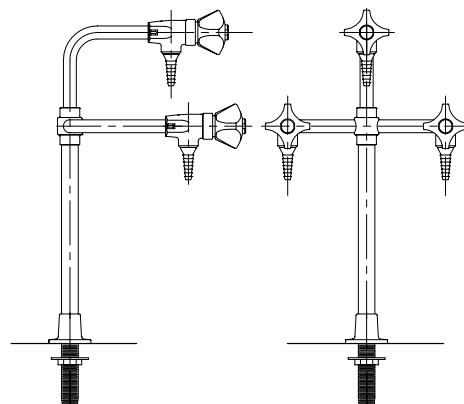
Inlet: 1/2" IPS male inlet.

Outlets: 3/8" IPS female outlets with removable seven serration hose ends.

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

CT385WSA

Three Outlet Fixture



Valve Units: WaterSaver self-contained renewable compression units with replaceable stainless steel seats. Also available with ceramic disc cartridges (order CTC385RS-WSA).

Riser: 1/2" IPS brass riser with center fitting and (2) outlet arms.

FlowStop Model:

CTFS385RS-WSA Same as above except with FlowStop.

Spout: 6" swing spout mounted on center valve.

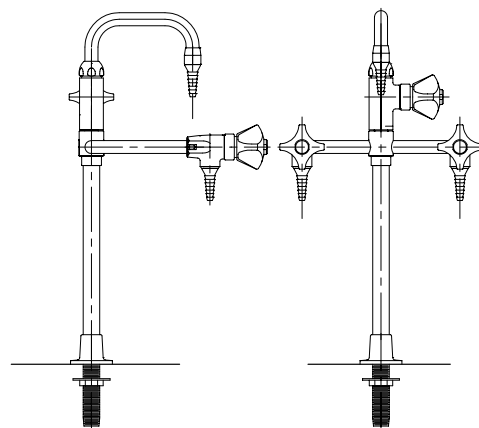
Inlet: 1/2" IPS male inlet.

Outlets: 3/8" IPS female outlets with removable seven serration hose ends.

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

CT385RS-WSA

Three Outlet Fixture, Swing Spout



Valve Units: WaterSaver self-contained renewable compression units with replaceable stainless steel seats. Also available with ceramic disc cartridges (order CTC386WSA).

Riser: 1/2" IPS brass riser with center fitting and (3) outlet arms.

Inlet: 1/2" IPS male inlet.

FlowStop Model:

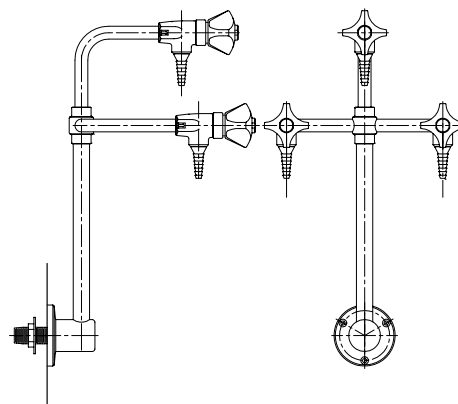
CTFS386WSA Same as above except with FlowStop.

Outlets: 3/8" IPS female outlets with removable seven serration hose ends.

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

CT386WSA

Three Outlet Fixture, Panel Mounted



Foot-Operated Faucets

Application: Floor mounted foot-operated valves with gooseneck assemblies.

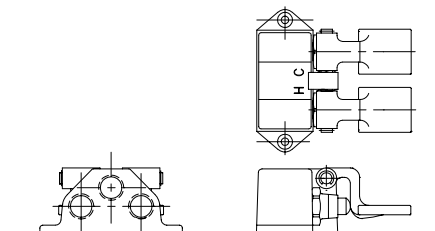
Finish: Foot-operated valves have polished chrome finish with clear epoxy coating. Goosenecks are available with a choice of five powder coated finishes. Specify finish when ordering: white, gray,

tan, polished chrome with clear epoxy or satin chrome with clear epoxy.

Additional Options: See pages 68-72.

CT3001

*Foot-Operated Mixing Valve,
Floor Mounted*



Valve Units: WaterSaver self-closing renewable units.

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

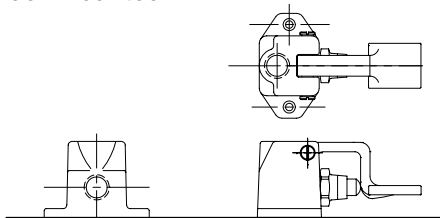
Outlet: 1/2" IPS female outlet.

Note: A foot-operated valve can be combined with a deck mounted mixing faucet to create a faucet with both hand and foot controls. See page 22 for information on faucets.

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

CT3050

*Foot-Operated Single Valve,
Floor Mounted*



Valve Unit: WaterSaver self-closing renewable unit.

Inlet: 1/2" IPS female inlet (back).

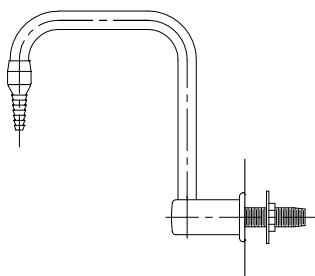
Outlet: 1/2" IPS female outlet (top).

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

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

CT071WSA

Gooseneck, Panel Mounted



Gooseneck: 6" rigid gooseneck mounted in turret base.

Inlet: 3/8" IPS male inlet.

Outlet: 3/8" IPS female outlet with removable seven serration hose end. If aerator is desired in place of hose end, add suffix "-55".

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

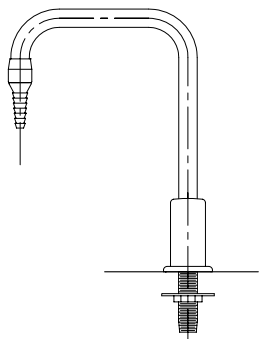
Additional Model:

CT074WSA Same as above except with 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."

CT081WSA

Gooseneck, Deck Mounted



Gooseneck: 6" rigid gooseneck mounted in turret base.

Inlet: 3/8" IPS male inlet.

Outlet: 3/8" IPS female outlet with removable seven serration hose end. If aerator is desired in place of hose end, add suffix "-55".

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

Additional Model:

CT084WSA Same as above except with 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."

Pre-Rinse Units

Application: Pre-rinse unit for glassware washing and other wash-down functions.

Finish: Units are available with a choice of five powder coated finishes. Specify finish when ordering: white, gray, tan,

polished chrome with clear epoxy or satin chrome with clear epoxy.

Additional Options: See pages 68-72.

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

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

Additional Model:

CTPR4411BH Same as above except with wrist blade handles.

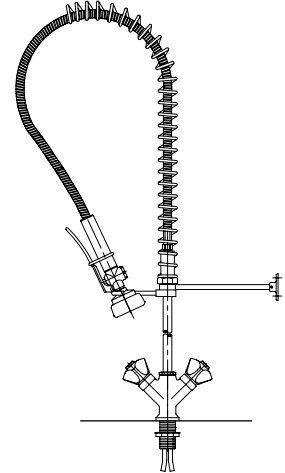
Note: If vacuum breaker is required, add suffix "-110".

Inlets: 1 3/16" male shank with (2) 3/8" OD inlet tubes.

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

CTPR4411

Pre-Rinse Unit, Deck Mounted



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

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

Additional Model:

CTPR1711BH-WSA Same as above except with wrist blade handles.

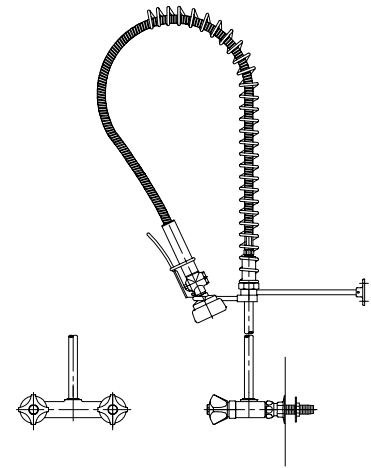
Note: If vacuum breaker is required, add suffix "-110".

Inlets: (2) 3/8" IPS union inlets with mounting shanks, locknuts and washers.

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

CTPR1711WSA

Pre-Rinse Unit, Panel Mounted



Outlet Head: Spray-type outlet head with rubber collar.

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

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

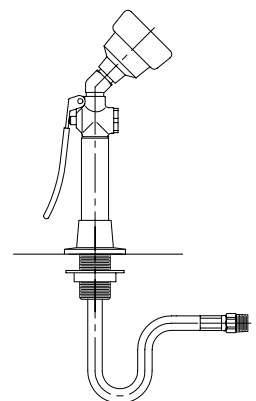
Mounting: Nylon deck flange for countertop mounting.

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

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

CTPR1020

Pre-Rinse Unit, Deck Mounted



Notes: The CTPR1020 pre-rinse unit may be connected directly to cold or tempered water supply, or used with a foot-operated valve (see page 26).

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

Pure Water Faucets

Tin-Lined Brass
Plastic-Lined
Stainless Steel



CT3991



CT7833

Application: Faucets for distilled, deionized and reverse osmosis water. All components in contact with pure water have coating of inert tin.

Finish: Faucets are available with a choice of five powder coated finishes. Specify finish when ordering: white, gray, tan, polished chrome with clear epoxy or satin chrome with clear epoxy.

FlowStop: Faucets are available with optional FlowStop. FlowStop may be used to shut off water supply for maintenance and to regulate volume of flow.

Additional Options: See pages 68-72.

Valve Unit: WaterSaver self-contained tin-lined renewable compression unit with replaceable stainless steel seat. Valve has manual on/off control. Also available with ceramic disc cartridge (order CTC3991).

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

FlowStop Model:

CTFS3991 Same as above except with FlowStop.

Additional Models:

CT3994 Same as CT3991 except with convertible rigid/swing gooseneck.

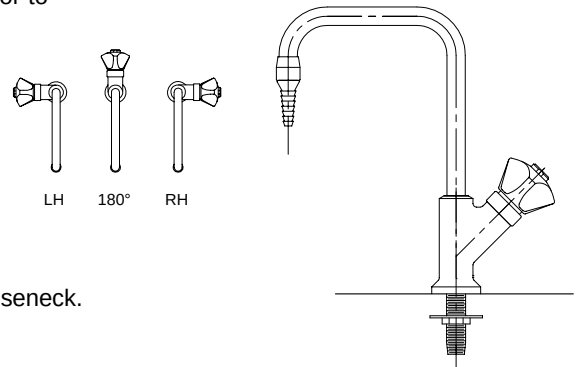
CT3981 Same as CT3991 except with self-closing control.

CT3984 Same as CT3991 except with self-closing control and rigid/swing gooseneck.

Inlet: 3/8" IPS male inlet.

Outlet: 3/8" IPS female outlet with removable seven serration hose end.

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



CT3991

Pure Water Faucet, Tin-Lined Brass, Deck Mounted

Valve Unit: WaterSaver self-contained tin-lined renewable compression unit with replaceable stainless steel seat. Valve has manual on/off control. Also available with ceramic disc cartridge (order CTC3191).

Riser: Brass riser with 6" spread.

Inlet: 3/8" IPS male inlet.

FlowStop Model:

CTFS3191 Same as above except with FlowStop.

Additional Model:

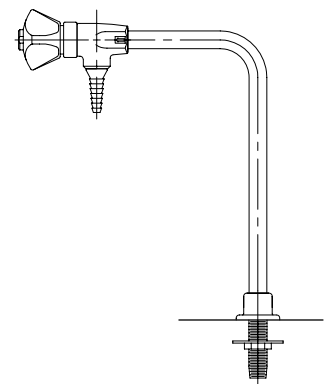
CT3181 Same as CT3191 except with self-closing control.

Outlet: 3/8" IPS female outlet with removable seven serration hose end.

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

CT3191

Pure Water Faucet, Tin-Lined Brass, Deck Mounted



Valve Unit: WaterSaver self-contained tin-lined renewable compression unit with replaceable stainless steel seat. Valve has manual on/off control. Also available with ceramic disc cartridge (order CTC3894WSA). Faucet is furnished with handle on right side unless left side is specified.

Gooseneck: 6" convertible rigid/swing gooseneck.

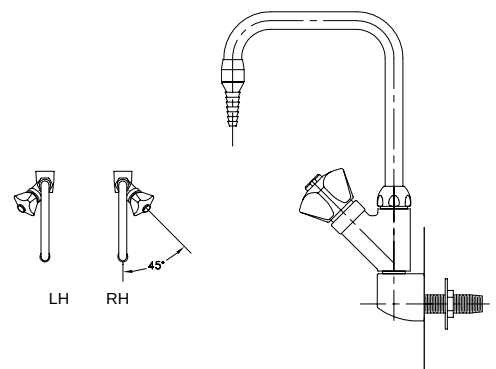
Inlet: 3/8" IPS male inlet.

Outlet: 3/8" IPS female outlet with removable seven serration hose end.

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

CT3894WSA

Pure Water Faucet, Tin-Lined Brass, Panel Mounted



FlowStop Model:

CTFS3894WSA Same as above except with FlowStop.

Additional Model:

CT3884WSA Same as CT3894WSA except with self-closing control.

Pure Water Faucets: Plastic-Lined

Application: Faucets for distilled, deionized and reverse osmosis water. Faucets have exterior brass casing for strength. Interior lining is inert polypropylene (PP) or polyvinylidene

fluoride (PVDF), as ordered. Pure water comes in contact only with inert plastic.

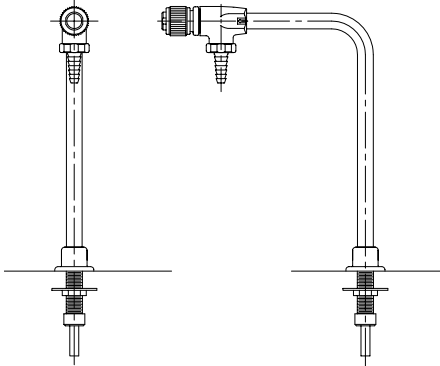
Finish: Faucets are available with a choice of five powder coated finishes. Specify finish when ordering: white, gray,

tan, polished chrome with clear epoxy or satin chrome with clear epoxy.

Additional Options: See pages 68-72.

CT7833

Pure Water Faucet, Polypropylene-Lined, Deck Mounted



Valve Unit: Polypropylene diaphragm-type valve. Brass valve stem and bonnet with elastomer diaphragm. Valve has manual on/off control.

Riser: Brass riser with 6" spread and interior polypropylene lining.

Inlet: 3/8" IPS male shank with 3/8" OD tube connection. Furnished with compression adaptor for inlet.

Outlet: Seven serration plastic hose end.

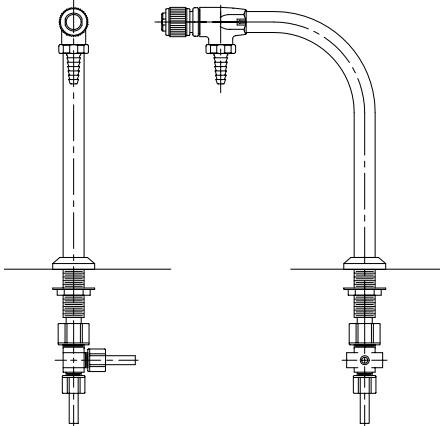
Quality Assurance: Faucet is fully assembled and factory tested prior to shipment.

Additional Model:

CT7833PVDF Same as above except with PVDF valve and interior lining.

CT7837

Recirculating Pure Water Faucet, Polypropylene-Lined, Deck Mounted



Valve Unit: Polypropylene diaphragm-type valve. Brass valve stem and bonnet with elastomer diaphragm. Valve has manual on/off control. Faucet is fully recirculating to eliminate all "dead legs" in pure water system.

Riser: Brass riser with 6" spread and interior polypropylene lining.

Inlet: 7/8" male shank with 3/8" OD tube connections on supply and return. Furnished with compression adaptors for supply and return.

Outlet: Seven serration plastic hose end.

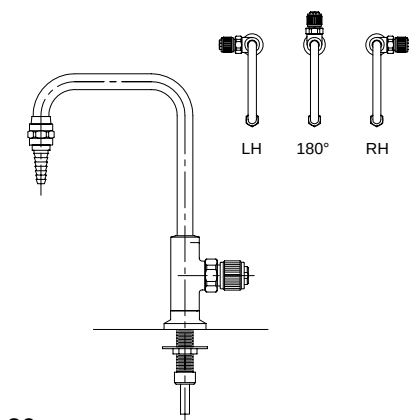
Quality Assurance: Faucet is fully assembled and factory tested prior to shipment.

Additional Model:

CT7837PVDF Same as above except with PVDF valve and interior lining.

CT7853

Pure Water Faucet, Polypropylene-Lined, Deck Mounted



Valve Unit: Polypropylene diaphragm-type valve. Brass valve stem and bonnet with elastomer diaphragm. Valve has manual on/off control.

Gooseneck: 6" rigid gooseneck with interior polypropylene lining. Gooseneck is furnished in right hand configuration unless left hand or 180 degrees is specified.

Inlet: 3/8" IPS male shank with 3/8" OD tube connection. Furnished with compression adaptor for inlet.

Outlet: Seven serration plastic hose end.

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

Additional Model:

CT7853PVDF Same as above except with PVDF valve and interior lining.

Note: If self-closing control is desired, add suffix "SC".

Application: Faucets for distilled, deionized and reverse osmosis water. Faucets have exterior brass casing for strength. Interior lining is inert

polypropylene (PP) or polyvinylidene fluoride (PVDF), as ordered. Pure water comes in contact only with inert plastic.

Finish: Faucets are available with a choice of five powder coated finishes.

Specify finish when ordering: white, gray, tan, polished chrome with clear epoxy or satin chrome with clear epoxy.

Additional Options: See pages 68-72.

Valve Unit: Polypropylene diaphragm-type valve. Brass valve stem and bonnet with elastomer diaphragm. Valve has manual on/off control.

Outlet Arm: Brass arm with 6" spread and interior polypropylene lining.

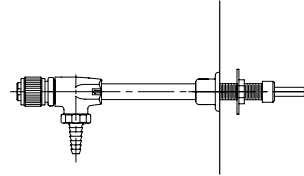
Inlet: 3/8" IPS male shank with 3/8" OD tube connection. Furnished with compression adaptor for inlet.

Outlet: Seven serration plastic hose end.

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

CT7834

Pure Water Faucet, Polypropylene-Lined, Panel Mounted



Additional Model:

CT7834PVDF Same as above except with PVDF valve and interior lining.

Valve Unit: Polypropylene diaphragm-type valve. Brass valve stem and bonnet with elastomer diaphragm. Valve has manual on/off control.

Riser: Brass riser with 8" spread.

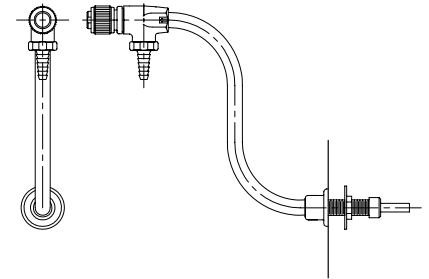
Inlet: 3/8" IPS male shank with 3/8" OD tube connection. Furnished with compression adaptor for inlet.

Outlet: Seven serration plastic hose end.

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

CT7840

Pure Water Faucet, Polypropylene-Lined, Panel Mounted



Additional Model:

CT7840PVDF Same as above except with PVDF valve and interior lining.

Valve Unit: Polypropylene diaphragm-type valve. Brass valve stem and bonnet with elastomer diaphragm. Valve has manual on/off control. Faucet is furnished with handle on right side unless left side is specified.

Gooseneck: 6" rigid gooseneck with interior polypropylene lining.

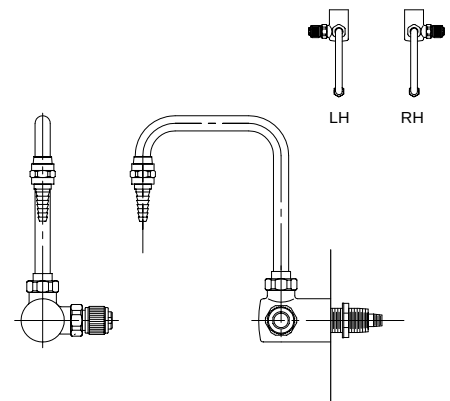
Inlet: 3/4" IPS male shank with 1/4" IPS male inlet.

Outlet: Seven serration plastic hose end.

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

CT7854

Pure Water Faucet, Polypropylene-Lined, Panel Mounted



Additional Model:

CT7854PVDF Same as above except with PVDF valve and interior lining.

Note: If self-closing control is desired, add suffix "SC".

Pure Water Faucets: Stainless Steel

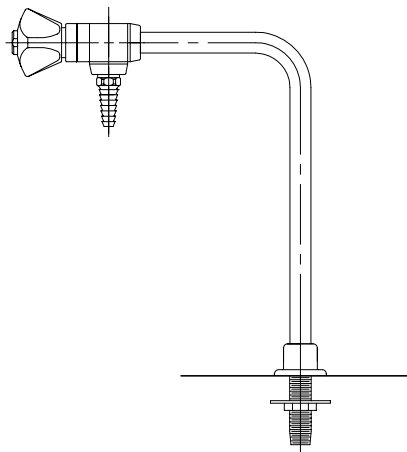
Application: Faucets for distilled, deionized and reverse osmosis water. Faucets and fittings are manufactured entirely in Type 316 stainless steel.

Finish: Satin (brushed) stainless steel finish.

Additional Options: See pages 68-72.

CT6833

Pure Water Faucet, Stainless Steel, Deck Mounted



Valve Unit: WaterSaver renewable compression unit in Type 316 stainless steel. Valve has manual on/off control.

Riser: Stainless steel riser with 6" spread.

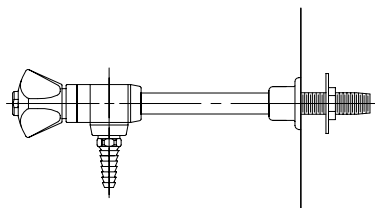
Inlet: 3/8" IPS male inlet.

Outlet: 3/8" IPS female outlet with seven serration stainless steel hose end.

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

CT6834

Pure Water Faucet, Stainless Steel, Panel Mounted



Valve Unit: WaterSaver renewable compression unit in Type 316 stainless steel. Valve has manual on/off control.

Outlet Arm: Stainless steel outlet arm with 6" spread.

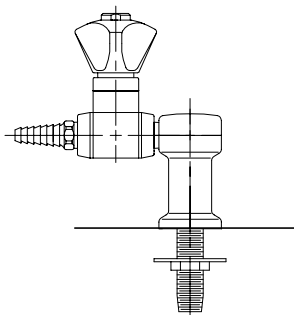
Inlet: 3/8" IPS male inlet.

Outlet: 3/8" IPS female outlet with seven serration stainless steel hose end.

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

CT62800-6231WSA

Pure Water Valve, Stainless Steel, Deck Mounted



Mounting: Deck mounted turret base with single valve.

Valve Unit: WaterSaver renewable compression unit in Type 316 stainless steel. Valve has manual on/off control.

Inlet: 3/8" IPS male inlet.

Outlet: 3/8" IPS female outlet with seven serration stainless steel hose end.

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

Additional Models:

CT62800-6232SWSA Same as above except with two valves at 180 degrees.

CT62800-6258WSA Single stainless steel water valve with flange for panel mounting.

Fittings for High Purity Gases

Ultra-High Purity Gas Fittings

High Purity Gas Fittings

Fine Control Needle Valves



CT2873-771WSA



CTFS2870-131WSA

Application: Point-of-use regulation and control of ultra-high purity (6.0) gases. Used for pure compressed air, inert gases (including nitrogen, helium, argon and oxygen) and corrosive and flammable gases (including hydrogen). Fittings are specially manufactured, cleaned, assembled and packaged for use with 99.9999% pure (6.0) gases.

Construction: Pressure regulator, pressure gauge, control valve and metering valve are machined into brass body for compact installation. All internal surfaces are specially machined and electropolished for smooth, nonporous surface. Handles are gray molded plastic and are indexed per U.S. standard for color-coding.

Finish: Fittings are available with a choice of five powder coated finishes. Specify finish when ordering: white, gray, tan, polished aluminum with clear epoxy or satin aluminum with clear epoxy.

Mounting: Cast aluminum housing with 3/4" IPS mounting shank for deck mounting. Housing and face plate are available with a choice of finishes. Specify finish when ordering: white, gray, tan, polished aluminum with clear epoxy or satin (brushed) aluminum with clear epoxy.

Control Valve: Diaphragm-type on/off valve to control supply of gas to fitting.

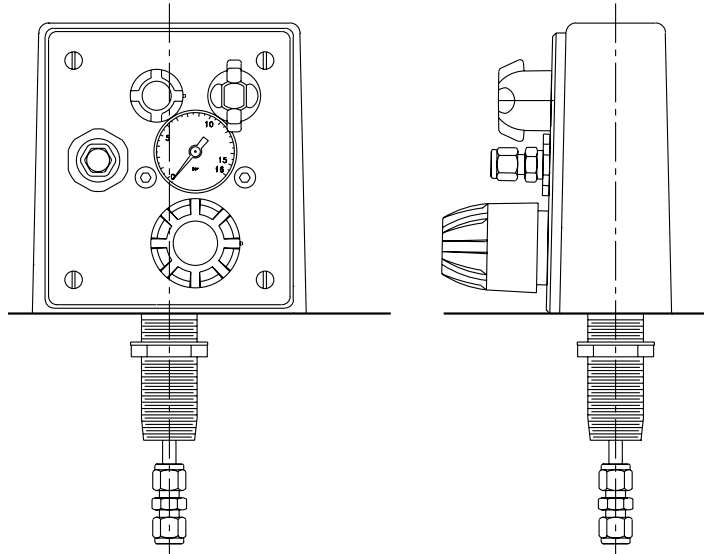
Regulator: Single stage pressure regulator with Hastelloy diaphragm and TFE seat. Inlet pressure range 25-580 PSI. Outlet pressure ranges are 0-20 PSI, 0-60 PSI or 0-150 PSI (specify when ordering).

Metering Valve: Diaphragm-type metering valve to precisely control flow of gas. Ten revolutions of handle from closed to fully open.

Inlet: 1/4" OD stainless steel tube.

Outlet: 1/4" OD compression fitting.

Quality Assurance: Fitting is specially cleaned, fully assembled and factory tested for function and leakage prior to shipment. Certified maximum leakage rate is less than 10^{-8} mbar liters/second.



CT8404

*Ultra-High Purity Gas Fitting,
Deck Mounted*

Mounting: Heavy duty aluminum face plate with screws to secure to panel. Face plate is available with a choice of finishes. Specify finish when ordering: white, gray, tan, polished aluminum with clear epoxy or satin (brushed) aluminum with clear epoxy.

Control Valve: Diaphragm-type on/off valve to control supply of gas to fitting.

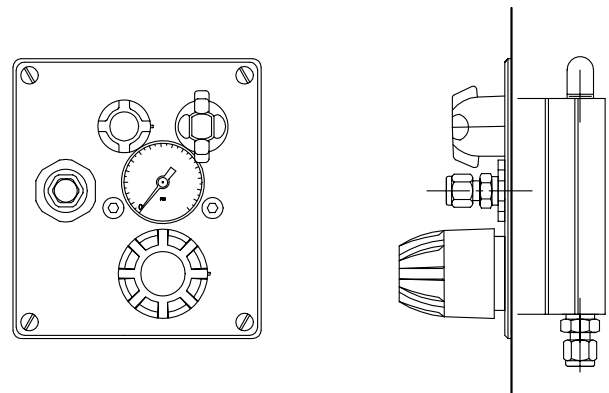
Regulator: Single stage pressure regulator with Hastelloy diaphragm and TFE seat. Inlet pressure range 25-580 PSI. Outlet pressure ranges are 0-20 PSI, 0-60 PSI or 0-150 PSI (specify when ordering).

Metering Valve: Diaphragm-type metering valve to precisely control flow of gas. Ten revolutions of handle from closed to fully open.

Inlet: 1/4" OD compression fitting.

Outlet: 1/4" OD compression fitting.

Quality Assurance: Fitting is specially cleaned, fully assembled and factory tested for function and leakage prior to shipment. Certified maximum leakage rate is less than 10^{-8} mbar liters/second.



CT8405

*Ultra-High Purity Gas Fitting,
Panel Mounted*

Ultra-High Purity Gas Fittings: Fume Hood Mounting

Application: Point-of-use regulation and control of ultra-high purity (6.0) gases. Used for pure compressed air, inert gases (including nitrogen, helium, argon and oxygen) and corrosive and flammable gases (including hydrogen). Fittings are specially manufactured, cleaned, assembled and packaged for use with 99.9999% pure (6.0) gases.

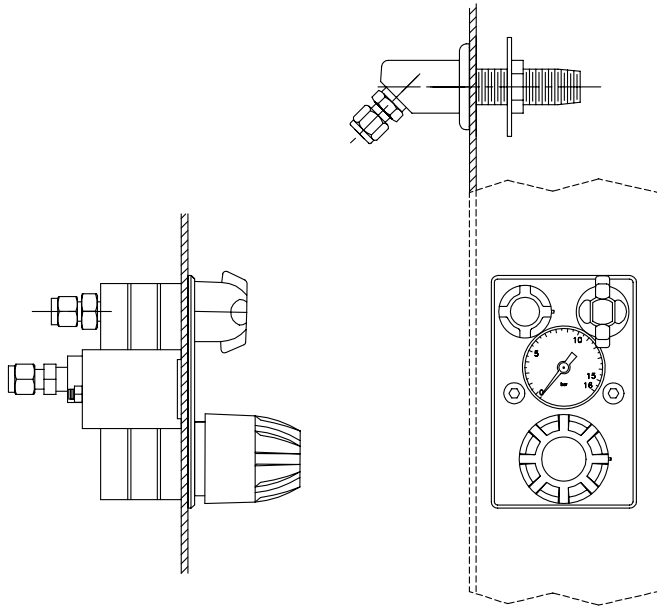
Finish: Pressure regulator, pressure gauge, control valve and

metering valve are machined into brass body for compact installation. All internal surfaces are specially machined and electropolished for smooth, nonporous surface. Handles are gray molded plastic and are indexed per U.S. standard for color-coding.

Finish: Fittings are available with a choice of five powder coated finishes. Specify finish when ordering: white, gray, tan, polished aluminum with clear epoxy or satin aluminum with clear epoxy.

CT8420-MR

*Ultra-High Purity Gas Fitting,
Fume Hood Mounted*



Mounting: Heavy duty aluminum face plate secures to front face of hood with mounting bracket behind panel. Face plate is available with a choice of finishes. Specify finish when ordering: white, gray, tan, polished aluminum with clear epoxy or satin (brushed) aluminum with clear epoxy.

Control Valve: Diaphragm-type on/off valve to control supply of gas to fitting.

Regulator: Single stage pressure regulator with Hastelloy diaphragm and TFE seat. Inlet pressure range 25-580 PSI. Outlet pressure ranges are 0-20 PSI, 0-60 PSI or 0-150 PSI (specify when ordering).

Metering Valve: Diaphragm-type metering valve to precisely control flow of gas. Ten revolutions of handle from closed to fully open.

Outlet Fitting: 1/4" OD compression fitting outlet inside fume hood.

Inlet/Outlet: Pressure regulator/valve inlet and outlet are 1/4" OD compression. Fume hood fitting inlet is 1/4" OD compression.

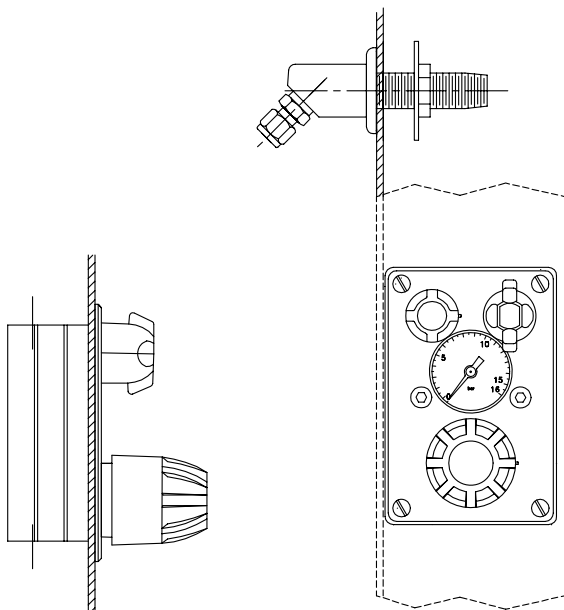
Quality Assurance: Fitting is specially cleaned, fully assembled and factory tested for function and leakage prior to shipment. Certified maximum leakage rate is less than 10^{-8} mbar liters/second.

Additional Model:

CT8420-QR Same as above except with 1/4" IPS quick connect fitting inside fume hood.

CT8430-MR

*Ultra-High Purity Gas Fitting,
Fume Hood Mounted*



Mounting: Heavy duty aluminum face plate secures to front face of hood with screws. Face plate is available with a choice of finishes. Specify finish when ordering: white, gray, tan, polished aluminum with clear epoxy or brushed aluminum with clear epoxy.

Control Valve: Diaphragm-type on/off valve to control supply of gas to fitting.

Regulator: Single stage pressure regulator with Hastelloy diaphragm and TFE seat. Inlet pressure range 25-580 PSI. Outlet pressure ranges are 0-20 PSI, 0-60 PSI or 0-150 PSI (specify when ordering).

Metering Valve: Diaphragm-type metering valve to precisely control flow of gas. Ten revolutions of handle from closed to fully open.

Outlet Fitting: 1/4" OD compression fitting outlet inside fume hood.

Inlet/Outlet: Pressure regulator/valve inlet and outlet are 1/4" OD compression. Fume hood fitting inlet is 1/4" OD compression.

Quality Assurance: Fitting is specially cleaned, fully assembled and factory tested for function and leakage prior to shipment. Certified maximum leakage rate is less than 10^{-8} mbar liters/second.

Additional Model:

CT8430-QR Same as above except with 1/4" IPS quick connect fitting inside fume hood.

Application: Point-of-use regulation and control of high purity gases. Used for compressed air and inert gases, including nitrogen, helium, argon and oxygen. Fittings are specially cleaned, assembled and packaged for use with 99.998% pure (4.8) gases.

Finish: Fittings are available with a choice of five powder coated finishes. Specify finish when ordering: white, gray, tan, polished chrome with clear epoxy or satin chrome with clear epoxy.

FlowStop: Fittings are available with optional FlowStop. FlowStop may be used to shut off media supply for maintenance and to regulate volume of flow.

Additional Options: See pages 68-72.

Mounting: Special tall turret with 3/8" IPS male heavy duty shank. Pressure regulator mounts on side of turret to conserve counter space.

Regulator: Non-relieving type with brass body and neoprene diaphragm. Inlet pressure range 25-400 PSI. Outlet pressure range 5-125 PSI.

Valve: Fine control needle valve for precise flow control.

FlowStop Model:

CTFS2873-771WSA Same as above except with FlowStop.

Additional Model:

CT2873-771-2SWSA Same as above except with two regulators and valves at 180 degrees.

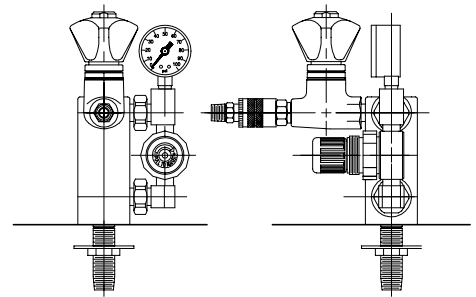
Inlet: 3/8" IPS male inlet.

Outlet: Removable quick connect fitting with 1/4" IPS male plug. If 1/4" OD compression fitting is desired, order CT2874-771WSA.

Quality Assurance: Fitting is specially cleaned, fully assembled and factory tested prior to shipment.

CT2873-771WSA

*Pressure Regulator Fitting,
Deck Mounted*



Mounting: Turret base with 3/8" IPS male heavy duty shank.

Regulator: Non-relieving type with brass body and neoprene diaphragm. Inlet pressure range 25-400 PSI. Outlet pressure range 5-125 PSI.

Valve: Fine control needle valve for precise flow control.

FlowStop Model:

CTFS2873-366-231WSA Same as above except with FlowStop.

Additional Model:

CT2873-366-232SWSA Same as above except with two regulators and valves at 180 degrees.

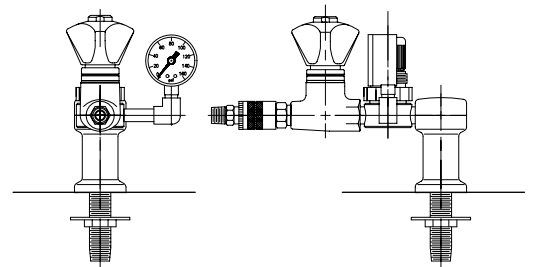
Inlet: 3/8" IPS male inlet.

Outlet: Removable quick connect fitting with 1/4" IPS male plug. If 1/4" OD compression fitting is desired, order CT2874-366-231WSA.

Quality Assurance: Fitting is specially cleaned, fully assembled and factory tested prior to shipment.

CT2873-366-231WSA

*Pressure Regulator Fitting,
Deck Mounted*



Mounting: Panel mounted flange with 3/8" IPS male heavy duty shank.

Regulator: Non-relieving type with brass body and neoprene diaphragm. Inlet pressure range: 25-400 PSI. Outlet pressure range: 5-125 PSI.

Valve: Fine control needle valve for precise flow control.

FlowStop Model:

CTFS2873-366-258WSA Same as above except with FlowStop.

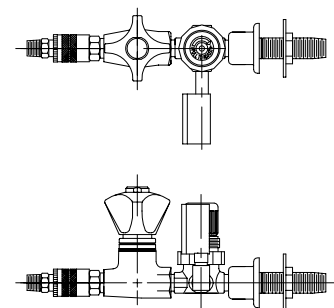
Inlet: 3/8" IPS male inlet.

Outlet: Removable quick connect fitting with 1/4" IPS male plug. If 1/4" OD compression fitting is desired, order CT2874-366-258WSA.

Quality Assurance: Fitting is specially cleaned, fully assembled and factory tested prior to shipment.

CT2873-366-258WSA

*Pressure Regulator Fitting,
Panel Mounted*



High Purity Gas Fittings

Application: Point-of-use regulation and control of high purity gases. Used for compressed air and inert gases, including nitrogen, helium, argon and oxygen. Fittings are specially cleaned, assembled and packaged for use with 99.998% pure (4.8) gases.

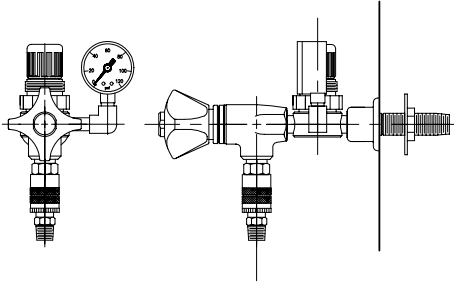
Finish: Fittings are available with a choice of five powder coated finishes. Specify finish when ordering: white, gray, tan, polished chrome with clear epoxy or satin chrome with clear epoxy.

FlowStop: Fittings are available with optional FlowStop. FlowStop may be used to shut off media supply for maintenance and to regulate volume of flow.

Additional Options: See pages 68-72.

CT3173-366-258WSA

*Pressure Regulator Fitting,
Panel Mounted*



Mounting: Panel mounted flange with 3/8" IPS male heavy duty shank.

Regulator: Non-relieving type with brass body and neoprene diaphragm. Inlet pressure range 25-400 PSI. Outlet pressure range 5-125 PSI.

Valve: Fine control needle valve for precise flow control.

Inlet: 3/8" IPS male inlet.

Outlet: Removable quick connect fitting with 1/4" IPS male plug. If 1/4" OD compression fitting is required, order CT3174-366-258WSA

Quality Assurance: Fitting is specially cleaned, fully assembled and factory tested prior to shipment.

FlowStop Model:

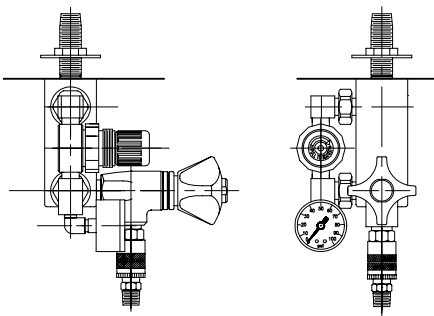
CTFS3173-366-258WSA Same as above except with FlowStop.

Additional Model:

CT3173-366-141WSA Same as above except with two regulators and valves in wye fitting.

CT3173-771WSA

*Pressure Regulator Fitting,
Suspended Mounting*



Mounting: Reversed tall turret for suspended mounting with 3/8" IPS male heavy duty shank. Pressure regulator mounts on side of turret to conserve space.

Regulator: Non-relieving type with brass body and neoprene diaphragm. Inlet pressure range 25-400 PSI. Outlet pressure range 5-125 PSI.

Valve: Fine control needle valve for precise flow control.

Inlet: 3/8" IPS male inlet.

Outlet: Removable quick connect fitting with 1/4" IPS male plug. If 1/4" OD compression fitting is desired, order CT3174-771WSA.

Quality Assurance: Fitting is specially cleaned, fully assembled and factory tested prior to shipment.

FlowStop Model:

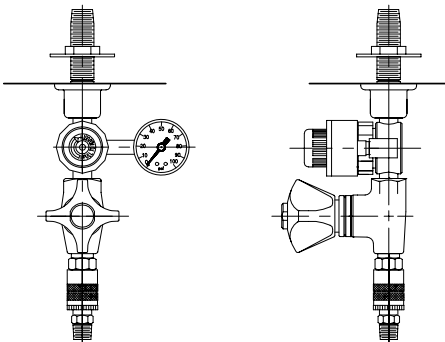
CTFS3173-771WSA Same as above except with FlowStop.

Additional Model:

CT3173-771-2SWSA Same as above except with two regulators and valves at 180 degrees.

CT2873-366S-258WSA

*Pressure Regulator Fitting,
Suspended Mounting*



Mounting: Flange for suspended mounting with 3/8" IPS male heavy duty shank.

Regulator: Non-relieving type with brass body and neoprene diaphragm. Inlet pressure range 25-400 PSI. Outlet pressure range 5-125 PSI.

Valve: Fine control needle valve for precise flow control.

Inlet: 3/8" IPS male inlet.

Outlet: Removable quick connect fitting with 1/4" IPS male plug. If 1/4" OD compression fitting is desired, order CT2874-336S-258WSA.

Quality Assurance: Fitting is specially cleaned, fully assembled and factory tested prior to shipment.

FlowStop Model:

CTFS2873-366S-258WSA Same as above except with FlowStop.

High Purity Gas Fittings: Fume Hood Mounting

Application: Regulation and control of high purity gases in fume hoods. Used for compressed air and inert gases, including nitrogen, helium, argon and oxygen. Fittings are specially cleaned, assembled and packaged for use with 99.998% pure (4.8) gases.

Finish: Fittings are available with a choice of five powder coated

finishes. Specify finish when ordering: white, gray, tan, polished chrome with clear epoxy or satin chrome with clear epoxy.

FlowStop: Fittings are available with optional FlowStop. FlowStop may be used to shut off gas supply for maintenance and to regulate volume of flow.

Mounting: Pressure regulator, gauge and valve are panel mounted on front face of fume hood. Components are piped together behind face of hood for clean, neat installation.

Regulator: Non-relieving type with brass body and neoprene diaphragm. Inlet pressure range 25-400 PSI. Outlet pressure range 5-125 PSI.

Valve: Panel mounted fine control needle valve for precise flow control. See page 57 for information on valve.

Outlet Fitting: Outlet fitting for installation inside hood has removable quick connect with 1/4" IPS male plug.

Quality Assurance: Fitting is specially cleaned, fully assembled and factory tested prior to shipment.

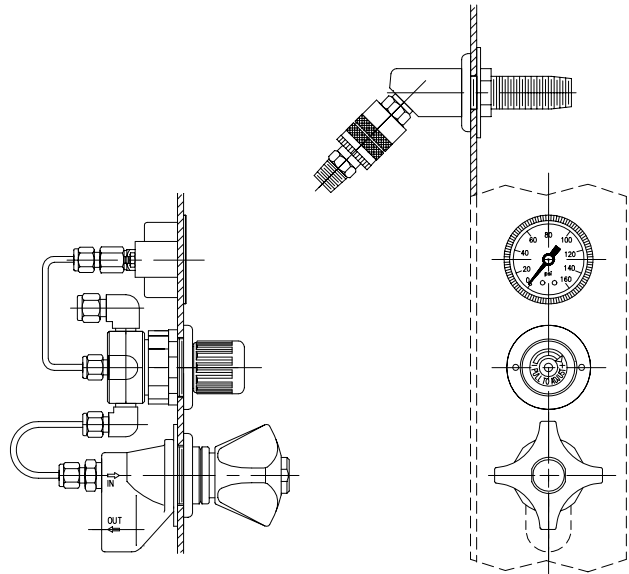
Additional Model:

CT740FCN-784-MR Same as above except with 1/4" OD compression fitting outlet inside fume hood.

Note: This fitting may also be used with CT739FCN, CT750FCN and CT752FCN remote control valves. See pages 57-58 for information on valves.

CT740FCN-784-QR

Pressure Regulator Fitting,
Fume Hood Mounting



Mounting: Pressure regulator and gauge are mounted on front exterior face of fume hood. Valve and regulator assembly are piped together behind face of hood (tube and fittings are not supplied).

Regulator: Non-relieving type with brass body and neoprene diaphragm. Inlet pressure range 25-400 PSI. Outlet pressure range 5-125 PSI. Regulator assembly has 1/4" IPS mounting shanks, locknuts and washers.

Valve: Panel mounted fine control needle valve for precise flow control. See page 57 for information on valve.

Outlet Fitting: Outlet fitting for installation inside hood has removable quick connect with 1/4" IPS male plug.

Quality Assurance: Fitting is specially cleaned, fully assembled and factory tested prior to shipment.

Additional Models:

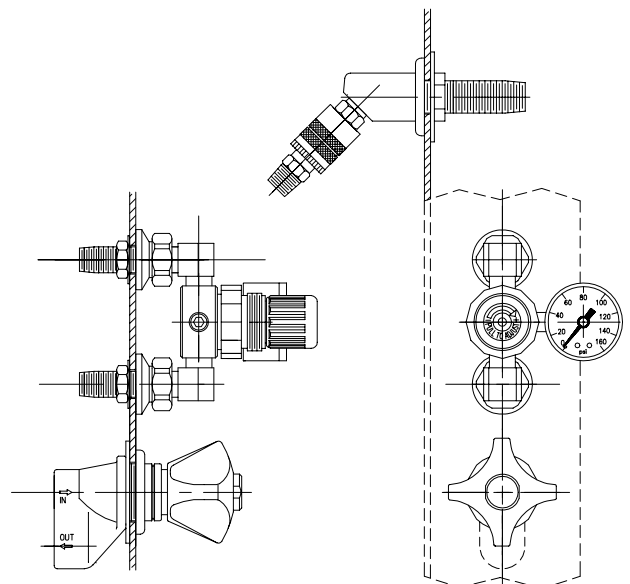
CT740FCN-774VL-QR Same as above except pressure gauge is on left side of regulator.

CT740FCN-774VR-MR Same as above except with 1/4" OD compression fitting outlet inside fume hood.

Note: This fitting may also be used with CT739FCN, CT750FCN and CT752FCN remote control valves. See pages 57-58 for information on valves.

CT740FCN-774VR-QR

Pressure Regulator Fitting,
Fume Hood Mounting



High Purity Gas Fittings: Fine Control Needle Valves

Application: Precise flow control of high purity laboratory gases. Ideal for special gases such as nitrogen, oxygen, helium and hydrogen. Valves and assemblies are specially cleaned, assembled and packaged for use with 99.998% pure (4.8) gases. Valves go from closed to fully open in 6 revolutions of handle, providing

precise flow regulation. *Valves are capable of delivering one bubble of nitrogen gas at a time.*

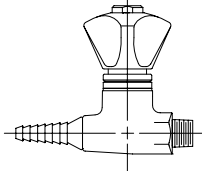
Finish: Fittings are available with a choice of five powder coated finishes. Specify finish when ordering: white, gray, tan, polished chrome with clear epoxy or satin chrome with clear epoxy.

FlowStop: Fittings are available with optional FlowStop. FlowStop may be used to shut off media supply for maintenance and to regulate volume of flow.

Additional Options: See pages 68-72.

CT2870

*Fine Control Needle Valve,
Straight Pattern*



Valve Unit: Floating tapered stainless steel needle and stainless steel seat. Molded TFE stem packing with adjustable packing nut. All working components are replaceable.

Inlet: 3/8" IPS male inlet.

Outlet: 3/8" IPS female outlet with removable seven serration hose end.

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

Additional Models:

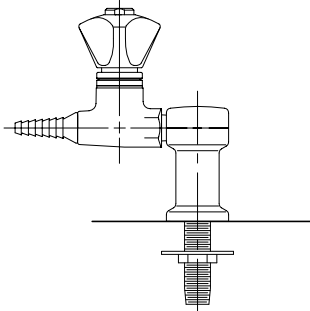
CT2872 Fine control needle valve with angle serrated hose end on outlet.

CT2873 Fine control needle valve with quick connect fitting on outlet.

CT2874 Fine control needle valve with 1/4" OD compression fitting on outlet.

CT2870-231WSA

*Single Fine Control Needle Valve
Fitting, Deck Mounted*



Mounting: Deck mounted turret base with single valve.

Valve Unit: Floating tapered stainless steel needle and stainless steel seat. Molded TFE stem packing with adjustable packing nut. All working components are replaceable.

Inlet: 3/8" IPS male inlet.

Outlet: 3/8" IPS female outlet with removable seven serration hose end.

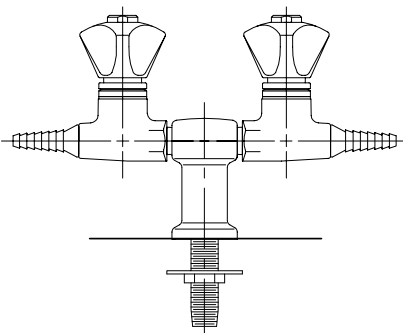
Quality Assurance: Fitting is fully assembled and factory tested prior to shipment.

FlowStop Model:

CTFS2870-231WSA Same as above except with FlowStop.

CT2870-232SWSA

*Double Fine Control Needle Valve
Fitting, Deck Mounted*



Mounting: Deck mounted turret base with two valves at 180 degrees.

Valve Unit: Floating tapered stainless steel needle and stainless steel seat. Molded TFE stem packing with adjustable packing nut. All working components are replaceable.

Inlet: 3/8" IPS male inlet.

Outlet: 3/8" IPS female outlet with removable seven serration hose end.

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

FlowStop Model:

CTFS2870-232SWSA Same as above except with FlowStop.

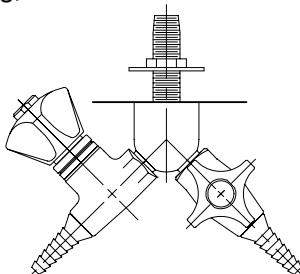
Additional Models:

CT2870-232AWSA Same as above except with two valves at 90 degrees.

CT2870-234WSA Same as above except with four valves.

CT2870-141WSA

*Double Fine Control Needle Valve
Fitting, Panel Mounted*



Mounting: Panel mounted wye fitting with two valves at 90 degrees.

Valve Unit: Floating tapered stainless steel needle and stainless steel seat. Molded TFE stem packing with adjustable packing nut. All working components are replaceable.

Inlet: 3/8" IPS male inlet.

Outlet: 3/8" IPS female outlet with removable seven serration hose end.

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

FlowStop Model:

CTFS2870-141WSA Same as above except with FlowStop.

High Purity Gas Fittings: Fine Control Needle Valves

Application: Precise flow control of high purity laboratory gases. Ideal for special gases such as nitrogen, oxygen, helium and hydrogen. Valves and assemblies are specially cleaned, assembled and packaged for use with 99.998% pure (4.8) gases. Valves go from closed to fully open in 6 revolutions of handle, providing

precise flow regulation. *Valves are capable of delivering one bubble of nitrogen gas at a time.*

Finish: Fittings are available with a choice of five powder coated finishes. Specify finish when ordering: white, gray, tan, polished chrome with clear epoxy or satin chrome with clear epoxy.

FlowStop: Fittings are available with optional FlowStop. FlowStop may be used to shut off media supply for maintenance and to regulate volume of flow.

Additional Options: See pages 68-72.

Valve Unit: Floating tapered stainless steel needle and stainless steel seat. Molded TFE stem packing with adjustable packing nut. All working components are replaceable.

Inlet: 3/8" IPS female inlet with plastic

escutcheon.

Outlet: 3/8" IPS female outlet with removable seven serration hose end.

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

FlowStop Model:

CTFS4870 Same as above except with FlowStop.

Additional Models:

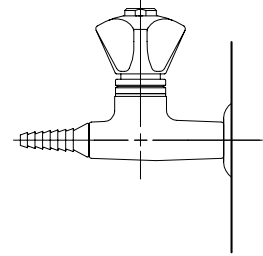
CT4872 Fine control needle valve with angle serrated hose end on outlet.

CT4873 Fine control needle valve with quick connect fitting on outlet.

CT4874 Fine control needle valve with 1/4" OD compression fitting on outlet.

CT4870

Fine Control Needle Valve, Suspended/Panel Mounted



Mounting: Brass escutcheon with 3/8" IPS mounting shank, locknut and washer.

Valve Unit: Floating tapered stainless steel needle and stainless steel seat. Molded TFE stem packing with adjustable packing nut. All working components are replaceable.

FlowStop Model:

CTFS4870-225WSA Same as above except with FlowStop.

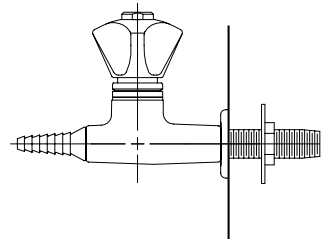
Inlet: 3/8" IPS male inlet.

Outlet: 3/8" IPS female outlet with removable seven serration hose end.

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

CT4870-225WSA

Fine Control Needle Valve, Suspended/Panel Mounted



Valve Unit: Floating tapered stainless steel needle and stainless steel seat. Molded TFE stem packing with adjustable packing nut. All working components are replaceable.

Inlet: 3/8" IPS male inlet.

Additional Models:

CT3173 Fine control needle valve with quick connect fitting on outlet.

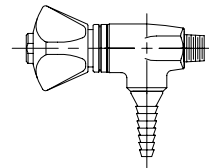
CT3174 Fine control needle valve with 1/4" OD compression fitting on outlet.

Outlet: 3/8" IPS female outlet with removable seven serration hose end.

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

CT3170

Fine Control Needle Valve, Angle Pattern



Mounting: Reversed turret base with single valve.

Valve Unit: Floating tapered stainless steel needle and stainless steel seat. Molded TFE stem packing with adjustable packing nut. All working components are replaceable.

FlowStop Model:

CTFS3170-231WSA Same as above except with FlowStop.

Additional Model:

CT3170-232SWSA Same as above except with two valves at 180 degrees.

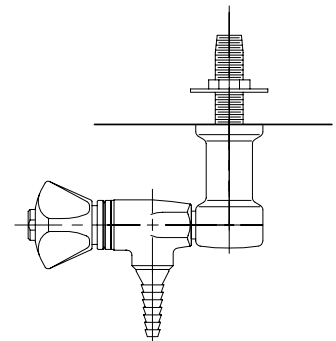
Inlet: 3/8" IPS male inlet.

Outlet: 3/8" IPS female outlet with removable seven serration hose end.

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

CT3170-231WSA

Single Fine Control Needle Valve Fitting, Suspended Mounting



High Purity Gas Fittings: Fine Control Needle Valves

Application: Precise flow control of high purity laboratory gases. Ideal for special gases such as nitrogen, oxygen, helium and hydrogen. Valves and assemblies are specially cleaned, assembled and packaged for use with 99.998% pure (4.8) gases. Valves go from closed to fully open in 6 revolutions

of handle, providing precise flow regulation. *Valves are capable of delivering one bubble of nitrogen gas at a time.*

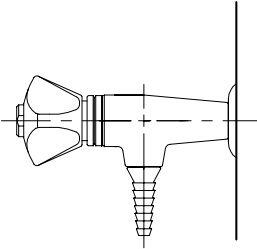
Finish: Fittings are available with a choice of five powder coated finishes. Specify finish when ordering: white, gray, tan, polished chrome with clear epoxy or satin chrome with clear epoxy.

FlowStop: Fittings are available with optional FlowStop. FlowStop may be used to shut off media supply for maintenance and to regulate volume of flow.

Additional Options: See pages 68-72.

CT5170

*Fine Control Needle Valve,
Panel Mounted*



Valve Unit: Floating tapered stainless steel needle and stainless steel seat. Molded TFE stem packing with adjustable packing nut. All working components are replaceable.

Inlet: 3/8" IPS female inlet with plastic escutcheon.

FlowStop Model:

CTFS5170 Same as above except with FlowStop.

Additional Models:

CT5173 Fine control needle valve with quick connect fitting on outlet.

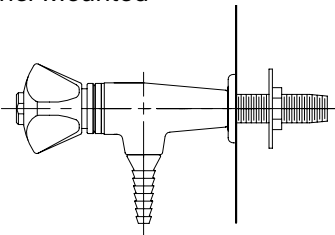
CT5174 Fine control needle valve with 1/4" OD compression fitting on outlet.

Outlet: 3/8" IPS female outlet with removable seven serration hose end.

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

CT5170-225WSA

*Fine Control Needle Valve,
Panel Mounted*



Mounting: Brass escutcheon with 3/8" IPS mounting shank, locknut and washer.

Valve Unit: Floating tapered stainless steel needle and stainless steel seat. Molded TFE stem packing with adjustable packing nut. All working components are replaceable.

FlowStop Model:

CTFS5170-225WSA Same as above except with FlowStop.

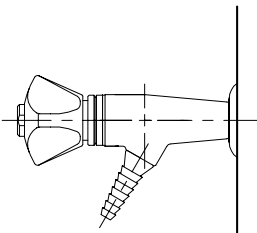
Inlet: 3/8" IPS male inlet.

Outlet: 3/8" IPS female outlet with removable seven serration hose end.

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

CT5270

*Fine Control Needle Valve,
Panel Mounted*



Valve Unit: Floating tapered stainless steel needle and stainless steel seat. Molded TFE stem packing with adjustable packing nut. All working components are replaceable.

Inlet: 3/8" IPS female inlet with plastic escutcheon.

FlowStop Model:

CTFS5270 Same as above except with FlowStop.

Additional Models:

CT5273 Fine control needle valve with quick connect fitting on outlet.

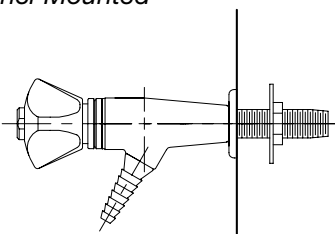
CT5274 Fine control needle valve with 1/4" OD compression fitting on outlet.

Outlet: 1/4" IPS female outlet with removable angle seven serration hose end.

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

CT5270-225WSA

*Fine Control Needle Valve,
Panel Mounted*



Mounting: Brass escutcheon with 3/8" IPS mounting shank, locknut and washer.

Valve Unit: Floating tapered stainless steel needle and stainless steel seat. Molded TFE stem packing with adjustable packing nut. All working components are replaceable.

FlowStop Model:

CTFS5270-225WSA Same as above except with FlowStop.

Inlet: 3/8" IPS male inlet.

Outlet: 3/8" IPS female outlet with removable seven serration hose end.

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

High Purity Gas Fittings: Stainless Steel Fine Control Needle Valves

Application: Precise flow control of high purity laboratory gases. Valves are constructed of Type 316 stainless steel and are specially cleaned, lubricated and packaged for use with 99.998% pure (4.8) gases. Valves go from closed to fully open

in 6 revolutions of handle, providing precise flow regulation. *Valves are capable of delivering one bubble of nitrogen gas at a time.*

Finish: Fittings are furnished with a satin (brushed) stainless steel finish.

Valve Unit: Floating tapered stainless steel needle and stainless steel seat. Molded TFE stem packing with adjustable packing nut. All working components are replaceable.

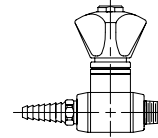
Inlet: 3/8" IPS male inlet.

Outlet: 3/8" IPS female outlet with removable stainless steel seven serration hose end.

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

CT62870

Stainless Steel Fine Control Needle Valve, Straight Pattern



Additional Models:

CT62873 Stainless steel fine control needle valve with quick connect fitting.

CT62874 Stainless steel fine control needle valve with 1/4" OD compression fitting.

Mounting: Deck mounted stainless steel turret base with single valve.

Valve Unit: Floating tapered stainless steel needle and stainless steel seat. Molded TFE stem packing with adjustable packing nut. All working components are replaceable.

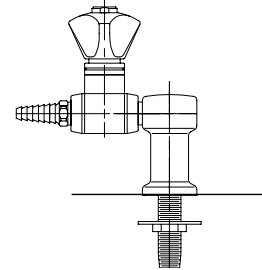
Inlet: 3/8" IPS male inlet.

Outlet: 3/8" IPS female outlet with removable stainless steel seven serration hose end.

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

CT62870-6231WSA

Single Stainless Steel Fine Control Needle Valve Fitting, Deck Mounted



Mounting: Deck mounted stainless steel turret base with two valves at 180 degrees.

Valve Unit: Floating tapered stainless steel needle and stainless steel seat. Molded TFE stem packing with adjustable packing nut. All working components are replaceable.

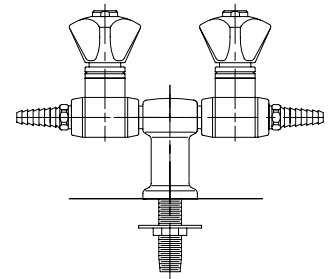
Inlet: 3/8" IPS male inlet.

Outlet: 3/8" IPS female outlet with removable stainless steel seven serration hose end.

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

CT62870-6232SWSA

Double Stainless Steel Fine Control Needle Valve Fitting, Deck Mounted



Additional Models:

CT62870-6232AWSA Same as above except with two valves at 90 degrees.

CT62870-6234WSA Same as above except with four valves.

Mounting: Panel mounted stainless steel wye fitting with two valves at 90 degrees.

Valve Unit: Floating tapered stainless steel needle and stainless steel seat. Molded TFE stem packing with adjustable packing nut. All working components are replaceable.

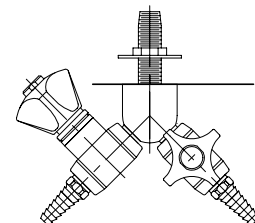
Inlet: 3/8" IPS male inlet.

Outlet: 3/8" IPS female outlet with removable stainless steel seven serration hose end.

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

CT62870-6141WSA

Double Stainless Steel Fine Control Needle Valve Fitting, Panel Mounted



Left hand valve is rotated 90° counter-clockwise for viewing.

High Purity Gas Fittings: Stainless Steel Fine Control Needle Valves

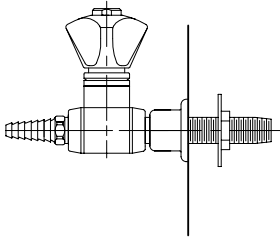
Application: Precise flow control of high purity laboratory gases. Valves are constructed of Type 316 stainless steel and are specially cleaned, lubricated and packaged for use with 99.998% pure (4.8)

gases. Valves go from closed to fully open in 6 revolutions of handle, providing precise flow regulation. *Valves are capable of delivering one bubble of nitrogen gas at a time.*

Finish: Fittings are furnished with a satin (brushed) stainless steel finish.

CT62870-6258WSA

Single Stainless Steel Fine Control Needle Valve Fitting, Suspended/Panel Mounted



Mounting: Panel mounted stainless steel flange with single valve.

Valve Unit: Floating tapered stainless steel needle and stainless steel seat. Molded TFE stem packing with adjustable packing nut. All working components are replaceable.

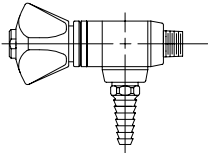
Inlet: 3/8" IPS male inlet.

Outlet: 3/8" IPS female outlet with removable stainless steel seven serration hose end.

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

CT63170

Stainless Steel Fine Control Needle Valve, Angle Pattern



Valve Unit: Floating tapered stainless steel needle and stainless steel seat. Molded TFE stem packing with adjustable packing nut. All working components are replaceable.

Inlet: 3/8" IPS male inlet.

Outlet: 3/8" IPS female outlet with removable stainless steel seven serration hose end.

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

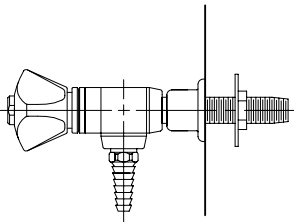
Additional Models:

CT63173 Stainless steel fine control needle valve with quick connect fitting.

CT63174 Stainless steel fine control needle valve with 1/4" OD compression fitting.

CT63170-6258WSA

Single Stainless Steel Fine Control Needle Valve Fitting, Panel Mounted



Mounting: Panel mounted stainless steel flange with single valve.

Valve Unit: Floating tapered stainless steel needle and stainless steel seat. Molded TFE stem packing with adjustable packing nut. All working components are replaceable.

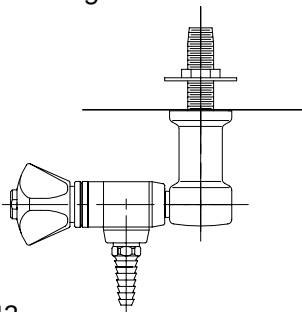
Inlet: 3/8" IPS male inlet.

Outlet: 3/8" IPS female outlet with removable stainless steel seven serration hose end.

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

CT63170-6231WSA

Single Stainless Steel Fine Control Needle Valve Fitting, Suspended Mounting



Mounting: Reversed stainless steel turret base with single valve.

Valve Unit: Floating tapered stainless steel needle and stainless steel seat. Molded TFE stem packing with adjustable packing nut. All working components are replaceable.

Inlet: 3/8" IPS male inlet.

Outlet: 3/8" IPS female outlet with removable stainless steel seven serration hose end.

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

Additional Models:

CT62870-6232SWA Same as above except with two valves at 180 degrees.

Fittings for Laboratory Gases

Needle Valves
Steam Valves
Laboratory Ball Valves



CTFS2880-231WSA

Application: Flow control of all laboratory gases, including special gases such as nitrogen, helium and hydrogen. When ordered, valves and assemblies may be specially cleaned, assembled and packaged for use with high purity (99.998% pure) gases (including oxygen). Valves may also be used for vacuum service. Valves go from

closed to fully open in 2 revolutions of the handle, providing good flow regulation.

Finish: Fittings are available with a choice of five powder coated finishes. Specify finish when ordering: white, gray, tan, polished chrome with clear epoxy or satin chrome with clear epoxy.

FlowStop: Fittings are available with optional FlowStop. FlowStop may be used to shut off media supply for maintenance and to regulate volume of flow.

Additional Options: See pages 68-72.

Valve Unit: Floating stainless steel needle and stainless steel seat. Molded TFE stem packing with adjustable packing nut. All working components are replaceable.

Inlet: 3/8" IPS male inlet.

Additional Models:

CT2882 Needle valve with angle serrated hose end on outlet.

CT2883 Needle valve with quick connect fitting on outlet.

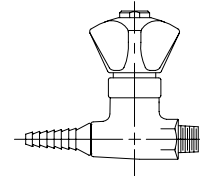
CT2884 Needle valve with 1/4" OD compression fitting on outlet.

Outlet: 3/8" IPS female outlet with removable seven serration hose end.

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

CT2880

Needle Valve, Straight Pattern



Mounting: Deck mounted turret base with single valve.

Valve Unit: Floating stainless steel needle and stainless steel seat. Molded TFE stem packing with adjustable packing nut. All working components are replaceable.

FlowStop Model:

CTFS2880-231WSA Same as above except with FlowStop.

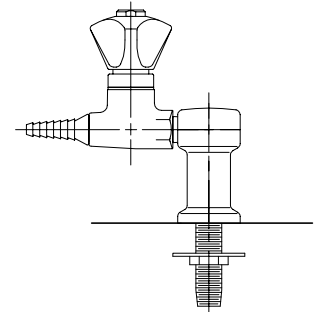
Inlet: 3/8" IPS male inlet.

Outlet: 3/8" IPS female outlet with removable seven serration hose end.

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

CT2880-231WSA

Single Needle Valve Fitting, Deck Mounted



Mounting: Deck mounted turret base with two valves at 180 degrees.

Valve Unit: Floating stainless steel needle and stainless steel seat. Molded TFE stem packing with adjustable packing nut. All working components are replaceable.

FlowStop Model:

CTFS2880-232SWSA Same as above except with FlowStop.

Additional Models:

CT2880-232AWSA Same as above except with two valves at 90 degrees.

CT2880-234WSA Same as above except with four valves.

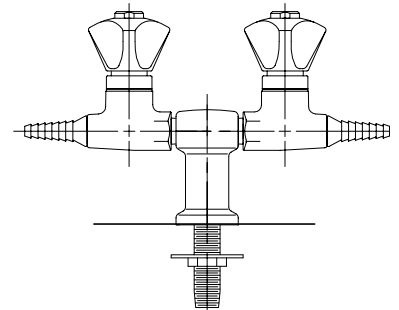
Inlet: 3/8" IPS male inlet.

Outlet: 3/8" IPS female outlet with removable seven serration hose end.

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

CT2880-232SWSA

Double Needle Valve Fitting, Deck Mounted



Mounting: Panel mounted wye fitting with two valves at 90 degrees.

Valve Unit: Floating stainless steel needle and stainless steel seat. Molded TFE stem packing with adjustable packing nut. All working components are replaceable.

FlowStop Model:

CTFS2880-141WSA Same as above except with FlowStop.

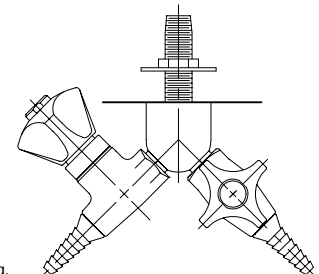
Inlet: 3/8" IPS male inlet.

Outlet: 3/8" IPS female outlet with removable seven serration hose end.

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

CT2880-141WSA

Double Needle Valve Fitting, Panel Mounted



Left hand valve rotated 90° counter-clockwise for viewing.

Needle Valves

Application: Flow control of all laboratory gases, including special gases such as nitrogen, helium and hydrogen. When ordered, valves and assemblies may be specially cleaned, assembled and packaged for use with high purity (99.998% pure) gases (including oxygen). Valves may also be used for vacuum

service. Valves go from closed to fully open in 2 revolutions of the handle, providing good flow regulation.

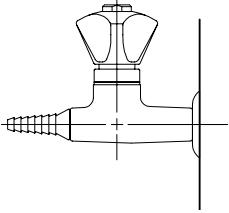
Finish: Fittings are available with a choice of five powder coated finishes. Specify finish when ordering: white, gray, tan, polished chrome with clear epoxy or satin chrome with clear epoxy.

FlowStop: Fittings are available with optional FlowStop. FlowStop may be used to shut off media supply for maintenance and to regulate volume of flow.

Additional Options: See pages 68-72.

CT4880

*Needle Valve,
Suspended/Panel Mounted*



Valve Unit: Floating stainless steel needle and stainless steel seat. Molded TFE stem packing with adjustable packing nut. All working components are replaceable.

Inlet: 3/8" IPS female inlet with plastic escutcheon.

Outlet: 3/8" IPS female outlet with removable seven serration hose end.

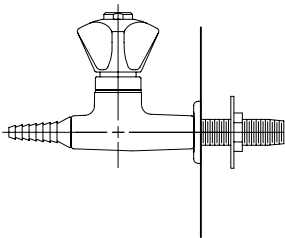
Quality Assurance: Valve is fully assembled and factory tested prior to shipment.

FlowStop Model:

CTFS4880 Same as above except with FlowStop.

CT4880-225WSA

*Needle Valve,
Suspended/Panel Mounted*



Mounting: Threaded brass escutcheon with 3/8" IPS mounting shank, locknut and washer.

Valve Unit: Floating stainless steel needle and stainless steel seat. Molded TFE stem packing with adjustable packing nut. All working components are replaceable.

Inlet: 3/8" IPS male inlet.

Outlet: 3/8" IPS female outlet with removable seven serration hose end.

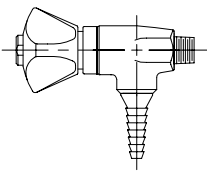
Quality Assurance: Fitting is fully assembled and factory tested prior to shipment.

FlowStop Model:

CTFS4880-225WSA Same as above except with FlowStop.

CT3180

Needle Valve, Angle Pattern



Valve Unit: Floating stainless steel needle and stainless steel seat. Molded TFE stem packing with adjustable packing nut. All working components are replaceable.

Inlet: 3/8" IPS male inlet.

Outlet: 3/8" IPS female outlet with removable seven serration hose end.

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

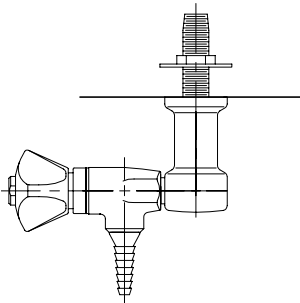
Additional Models:

CT3183 Needle valve with quick connect fitting on outlet.

CT3184 Needle valve with 1/4" OD compression fitting on outlet.

CT3180-231WSA

*Single Needle Valve Fitting,
Suspended Mounting*



Mounting: Reversed turret base with single valve.

Valve Unit: Floating stainless steel needle and stainless steel seat. Molded TFE stem packing with adjustable packing nut. All working components are replaceable.

Inlet: 3/8" IPS male inlet.

Outlet: 3/8" IPS female outlet with removable seven serration hose end.

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

FlowStop Model:

CTFS3180-231WSA Same as above except with FlowStop.

Additional Model:

CT3180-232SWSA Same as above except with two valves at 180 degrees.

Application: Flow control of all laboratory gases, including special gases such as nitrogen, helium and hydrogen. When ordered, valves and assemblies may be specially cleaned, assembled and packaged for use with high purity (99.998% pure) gases (including oxygen). Valves may also be used for vacuum

service. Valves go from closed to fully open in 2 revolutions of the handle, providing good flow regulation.

Finish: Fittings are available with a choice of five powder coated finishes. Specify finish when ordering: white, gray, tan, polished chrome with clear epoxy or satin chrome with clear epoxy.

FlowStop: Fittings are available with optional FlowStop. FlowStop may be used to shut off media supply for maintenance and to regulate volume of flow.

Additional Options: See pages 68-72.

Valve Unit: Floating stainless steel needle and stainless steel seat. Molded TFE stem packing with adjustable packing nut. All working components are replaceable.

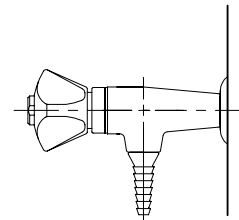
Inlet: 3/8" IPS female inlet with plastic escutcheon.

Outlet: 3/8" IPS female outlet with removable angle seven serration hose end.

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

CT5180

Needle Valve, Panel Mounted



FlowStop Model:

CTFS5180 Same as above except with FlowStop.

Additional Models:

CT5183 Needle valve with quick connect fitting on outlet.

CT5184 Needle valve with 1/4" OD compression fitting on outlet.

Mounting: Threaded brass escutcheon with 3/8" IPS mounting shank, locknut and washer.

Valve Unit: Floating stainless steel needle and stainless steel seat. Molded TFE stem packing with adjustable packing nut. All working components are replaceable.

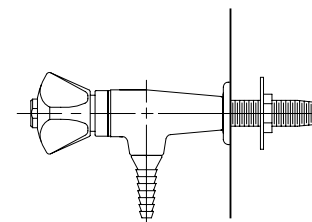
Inlet: 3/8" IPS male inlet.

Outlet: 3/8" IPS female outlet with removable seven serration hose end.

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

CT5180-225WSA

Needle Valve, Panel Mounted



FlowStop Model:

CTFS5180-225WSA Same as above except with FlowStop.

Valve Unit: Floating stainless steel needle and stainless steel seat. Molded TFE stem packing with adjustable packing nut. All working components are replaceable.

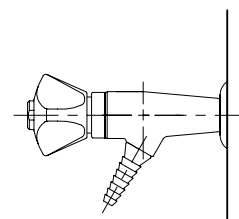
Inlet: 3/8" IPS female inlet with plastic escutcheon.

Outlet: 1/4" IPS female outlet with removable angle seven serration hose end.

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

CT5280

Needle Valve, Panel Mounted



FlowStop Model:

CTFS5280 Same as above except with FlowStop.

Additional Models:

CT5283 Needle valve with quick connect fitting on outlet.

CT5284 Needle valve with 1/4" OD compression fitting on outlet.

Mounting: Brass escutcheon with 3/8" IPS mounting shank, locknut and washer.

Valve Unit: Floating stainless steel needle and stainless steel seat. Molded TFE stem packing with adjustable packing nut. All working components are replaceable.

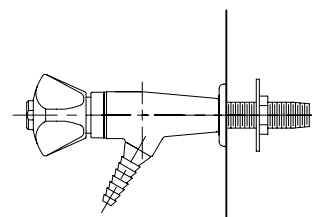
Inlet: 3/8" IPS male inlet.

Outlet: 3/8" IPS female outlet with removable angle seven serration hose end.

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

CT5280-225WSA

Needle Valve, Panel Mounted



FlowStop Model:

CTFS5280-225WSA Same as above except with FlowStop.

Steam Valves

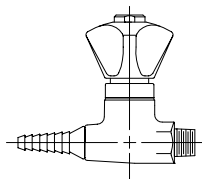
Application: Low pressure laboratory steam. Maximum working pressure is 20 PSI. If high pressure steam valve is required, please refer to WaterSaver engineering catalog.

Finish: Fittings are available with a choice of five powder coated finishes. Specify finish when ordering: white, gray, tan, polished chrome with clear epoxy or satin chrome with clear epoxy.

FlowStop: Fittings are available with optional FlowStop. FlowStop may be used to shut off steam supply for maintenance and to regulate volume of flow.

CT2890

Steam Valve, Straight Pattern



Valve Unit: Globe valve design with glass-filled TFE valve disc and stainless steel seat. TFE stem packing with adjustable packing nut. All working components are replaceable.

Inlet: 3/8" IPS male inlet.

Outlet: 3/8" IPS female outlet with removable seven serration hose end.

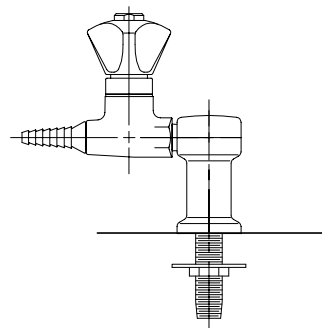
Quality Assurance: Valve is fully assembled and factory tested prior to shipment.

Additional Model:

CT2892 Same as above except with angle serrated hose end.

CT2890-231WSA

*Single Steam Valve Fitting,
Deck Mounted*



Mounting: Deck mounted turret base with single valve.

Valve Unit: Globe valve design with glass-filled TFE valve disc and stainless steel seat. TFE stem packing with adjustable packing nut. All working components are replaceable.

Inlet: 3/8" IPS male inlet.

Outlet: 3/8" IPS female outlet with removable seven serration hose end.

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

FlowStop Model:

CTFS2890-231WSA Same as above except with FlowStop.

Additional Models:

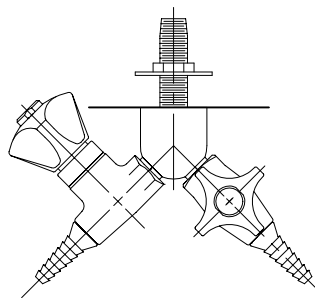
CT2890-232SWSA Same as above except with two steam valves at 180 degrees.

CT2890-232AWSA Same as above except with two steam valves at 90 degrees.

CT2890-234WSA Same as above except with four steam valves.

CT2890-141WSA

*Double Steam Valve Fitting,
Panel Mounted*



Mounting: Panel mounted wye fitting with two valves at 90 degrees.

Valve Unit: Globe valve design with glass-filled TFE valve disc and stainless steel seat. TFE stem packing with adjustable packing nut. All working components are replaceable.

Inlet: 3/8" IPS male inlet.

Outlet: 3/8" IPS female outlet with removable seven serration hose end.

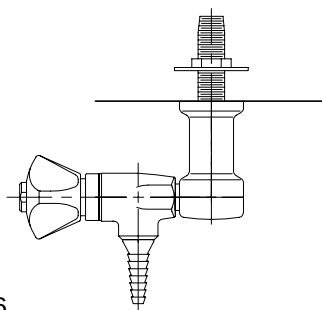
Quality Assurance: Fitting is fully assembled and factory tested prior to shipment.

FlowStop Model:

CTFS2890-141WSA Same as above except with FlowStop.

CT3190-231WSA

*Single Steam Valve Fitting,
Suspended Mounting*



Mounting: Reversed turret base with single outlet.

Valve Unit: Globe valve design with glass-filled TFE valve disc and stainless steel seat. TFE stem packing with adjustable packing nut. All working components are replaceable.

Inlet: 3/8" IPS male inlet.

Outlet: 3/8" IPS female outlet with removable seven serration hose end.

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

FlowStop Model:

CTFS3190-231WSA Same as above except with FlowStop.

Additional Model:

CT3190-232SWSA Same as above except with two steam valves at 180 degrees.

Application: Low pressure laboratory steam. Maximum working pressure is 20 PSI. If high pressure steam valve is required, please refer to WaterSaver engineering catalog.

Finish: Fittings are available with a choice of five powder coated finishes. Specify finish when ordering: white, gray, tan, polished chrome with clear epoxy or satin chrome with clear epoxy.

FlowStop: Fittings are available with optional FlowStop. FlowStop may be used to shut off steam supply for maintenance and to regulate volume of flow.

Valve Unit: Globe valve design with glass-filled TFE valve disc and stainless steel seat. TFE stem packing with adjustable packing nut. All working components are replaceable.

Inlet: 3/8" IPS female inlet with plastic escutcheon.

FlowStop Model:

CTFS4890 Same as above except with FlowStop.

Additional Model:

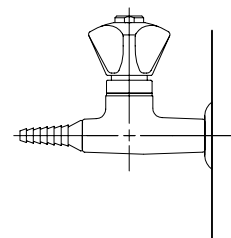
CT4892 Same as above except with angle serrated hose end.

Outlet: 3/8" IPS female outlet with removable seven serration hose end.

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

CT4890

*Steam Valve,
Suspended/Panel Mounted*



Mounting: Brass escutcheon with 3/8" IPS mounting shank, locknut and washer.

Valve Unit: Globe valve design with glass-filled TFE valve disc and stainless steel seat. TFE stem packing with adjustable packing nut. All working components are replaceable.

FlowStop Model:

CTFS4890-225WSA Same as above except with FlowStop.

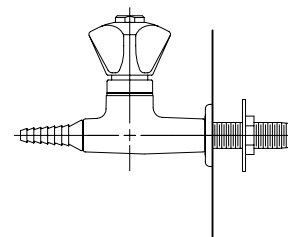
Inlet: 3/8" IPS male inlet.

Outlet: 3/8" IPS female outlet with removable seven serration hose end.

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

CT4890-225WSA

*Steam Valve,
Suspended/Panel Mounted*



Valve Unit: Globe valve design with glass-filled TFE valve disc and stainless steel seat. TFE stem packing with adjustable packing nut. All working components are replaceable.

Inlet: 3/8" IPS female inlet with plastic escutcheon.

FlowStop Model:

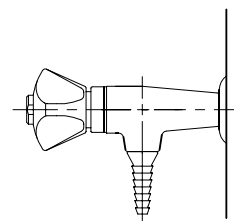
CTFS5190 Same as above except with FlowStop.

Outlet: 3/8" IPS female outlet with removable seven serration hose end.

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

CT5190

Steam Valve, Panel Mounted



Mounting: Brass escutcheon with 3/8" IPS mounting shank, locknut and washer.

Valve Unit: Globe valve design with glass-filled TFE valve disc and stainless steel seat. TFE stem packing with adjustable packing nut. All working components are replaceable.

Inlet: 3/8" IPS male inlet.

FlowStop Model:

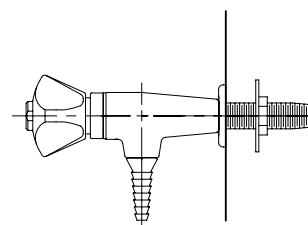
CTFS5190-225WSA Same as above except with FlowStop.

Outlet: 3/8" IPS female outlet with removable seven serration hose end.

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

CT5190-225WSA

Steam Valve, Panel Mounted



Laboratory Ball Valves

Application: On/off control of all laboratory gases. For use at pressures up to 75 PSI. When ordered, valves and fittings may be specially cleaned, lubricated and packaged for pure gas service. Valve is certified for gas service by the American Gas Association (AGA) and the Canadian Gas Association (CGA). Valve is recommended

for ADA-compliant applications.

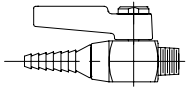
Finish: Valves and fittings are available with a choice of five powder coated finishes. Specify finish when ordering: white, gray, tan, polished chrome with clear epoxy or satin chrome with clear epoxy.

FlowStop: Fittings are available with optional FlowStop. FlowStop may be used to shut off media supply for maintenance and to regulate volume of flow.

Additional Options: See pages 68-72.

CT4200

Laboratory Ball Valve



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

Inlet: 3/8" IPS male inlet.

Outlet: 3/8" IPS female outlet with removable seven serration hose end.

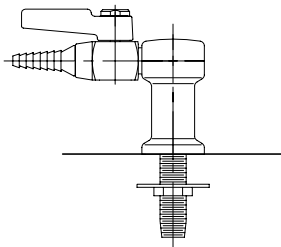
Quality Assurance: Valve is fully assembled and factory tested prior to shipment.

Additional Model:

CT4200M Same as above except with forged brass handle in place of molded nylon.

CT4200-231WSA

*Single Ball Valve Fitting,
Deck Mounted*



Mounting: Deck mounted turret base with single valve.

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

Inlet: 3/8" IPS male inlet.

Outlet: 3/8" IPS female outlet with removable seven serration hose end.

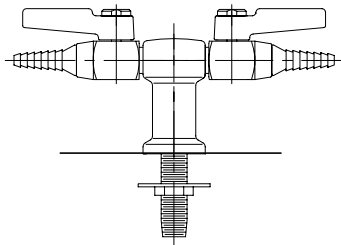
Quality Assurance: Fitting is fully assembled and factory tested prior to shipment.

FlowStop Model:

CTFS4200-231WSA Same as above except with FlowStop.

CT4200-232SWSA

*Double Ball Valve Fitting,
Deck Mounted*



Mounting: Deck mounted turret base with two valves at 180 degrees.

Valve Units: Quarter turn open/close with chrome plated brass balls and molded TFE seals.

Inlet: 3/8" IPS male inlet.

Outlets: 3/8" IPS female outlets with removable seven serration hose ends.

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

FlowStop Model:

CTFS4200-232SWSA Same as above except with FlowStop.

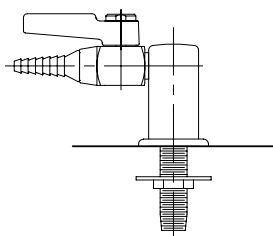
Additional Models:

CT4200-232AWSA Same as above except with two ball valves at 90 degrees.

CT4200-234WSA Same as above except with four ball valves.

CT4200-331WSA

*Single Ball Valve Fitting,
Deck Mounted*



Mounting: Small pattern deck mounted turret base with single valve.

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

Inlet: 3/8" IPS male inlet.

Outlet: 3/8" IPS female outlet with removable seven serration hose end.

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

Additional Model:

CT4200-332SWSA Same as above except with two valves at 180 degrees.

Application: On/off control of all laboratory gases. For use at pressures up to 75 PSI. When ordered, valves and fittings may be specially cleaned, lubricated and packaged for pure gas service. Valve is certified for gas service by the American Gas Association (AGA) and the Canadian

Gas Association (CGA). Valve is recommended for ADA-compliant applications.

Finish: Fittings are available with a choice of five powder coated finishes. Specify finish when ordering: white, gray, tan, polished chrome with clear epoxy or

satin chrome with clear epoxy.

FlowStop: Fittings are available with optional FlowStop. FlowStop may be used to shut off media supply for maintenance and to regulate volume of flow.

Additional Options: See pages 68-72.

Mounting: Panel mounted flange with single valve.

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

Inlet: 3/8" IPS male inlet.

FlowStop Model:

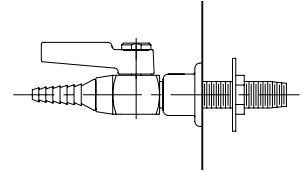
CTFS4200-258WSA Same as above except with FlowStop.

Outlet: 3/8" IPS female outlet with removable seven serration hose end.

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

CT4200-258WSA

*Single Ball Valve Fitting,
Suspended/Panel Mounted*



Mounting: Panel mounted wye fitting with two valves at 90 degrees.

Valve Units: Quarter turn open/close with chrome plated brass balls and molded TFE seals.

Inlet: 3/8" IPS male inlet.

FlowStop Model:

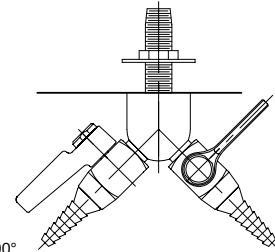
CTFS4200-141WSA Same as above except with FlowStop.

Outlets: 3/8" IPS female outlets with removable seven serration hose ends.

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

CT4200-141WSA

*Double Ball Valve Fitting,
Panel Mounted*



Left hand valve rotated 90° counter-clockwise for viewing.

Mounting: Angle design turret with single valve for suspended mounting.

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

Inlet: 3/8" IPS male inlet.

FlowStop Model:

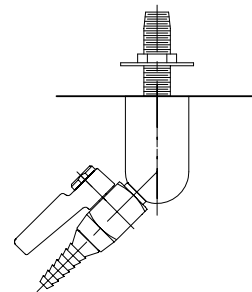
CTFS4200-148WSA Same as above except with FlowStop.

Outlet: 3/8" IPS female outlet with removable seven serration hose end.

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

CT4200-148WSA

*Single Ball Valve Fitting,
Suspended Mounting*



Mounting: Angle design turret with two valves for suspended mounting.

Valve Units: Quarter turn open/close with chrome plated brass balls and molded TFE seals.

Inlet: 3/8" IPS male inlet.

FlowStop Model:

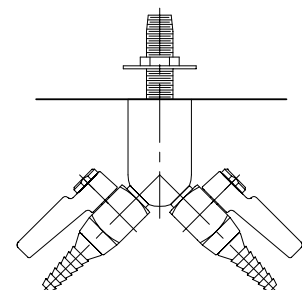
CTFS4200-148-2SWSA Same as above except with FlowStop.

Outlets: 3/8" IPS female outlets with removable seven serration hose ends.

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

CT4200-148-2SWSA

*Double Ball Valve Fitting,
Suspended Mounting*



Fittings for Burning Gases

Push/Turn Gas Valves
Lift/Turn Gas Valves



CT4200-231WSA

Application: Flow control of burning or combustible gases, including natural and bottled gas. Valves have safety handle which must be pushed down in order to open valve. Valves have 90 degree rotation from closed to open. Pop-up buttons indicate if

valve is in open or closed position.

Finish: Fittings are available with a choice of five powder coated finishes. Specify finish when ordering: white, gray, tan, polished chrome with clear epoxy or satin chrome with clear epoxy.

FlowStop: Fittings are available with optional FlowStop. FlowStop may be used to shut off media supply for maintenance and to regulate volume of flow.

Additional Options: See pages 68-72.

Valve Unit: Self-contained push/turn cartridge with rotating ceramic discs. Handle locks in closed position. Pop-up buttons indicate if valve is in open or closed position.

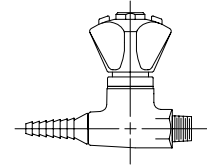
Inlet: 3/8" IPS male inlet.

Outlet: 3/8" IPS female outlet with removable seven serration hose end.

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

CT2860I

*Push/Turn Gas Valve,
Straight Pattern*



Additional Model:

CT2860 Same as above except less pop-up indicator buttons.

Mounting: Deck mounted turret base with single valve.

Valve Unit: Self-contained push/turn cartridge with rotating ceramic discs. Handle locks in closed position. Pop-up buttons indicate if valve is in open or closed position.

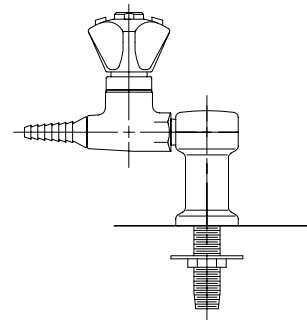
Inlet: 3/8" IPS male inlet.

Outlet: 3/8" IPS female outlet with removable seven serration hose end.

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

CT2860I-231WSA

*Single Push/Turn Gas Valve Fitting,
Deck Mounted*



FlowStop Model:

CTFS2860I-231WSA Same as above except with FlowStop.

Additional Model:

CT2860-231WSA Same as above except less pop-up indicator buttons.

Mounting: Deck mounted turret base with two valves at 180 degrees.

Valve Unit: Self-contained push/turn cartridge with rotating ceramic discs. Handle locks in closed position. Pop-up buttons indicate if valve is in open or closed position.

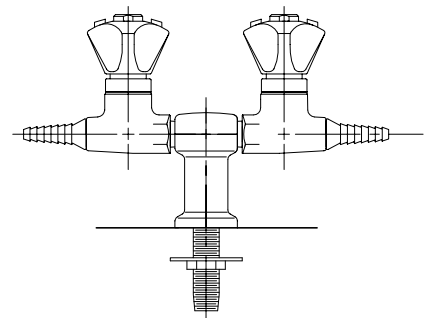
Inlet: 3/8" IPS male inlet.

Outlet: 3/8" IPS female outlet with removable seven serration hose end.

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

CT2860I-232SWSA

*Double Push/Turn Gas Valve Fitting,
Deck Mounted*



FlowStop Model:

CTFS2860I-232SWSA Same as above except with FlowStop.

Additional Models:

CT2860-232SWSA Same as above except less pop-up indicator buttons.

Mounting: Panel mounted wye fitting with two valves at 90 degrees.

Valve Unit: Self-contained push/turn cartridge with rotating ceramic discs. Handle locks in closed position. Pop-up buttons indicate if valve is in open or closed position.

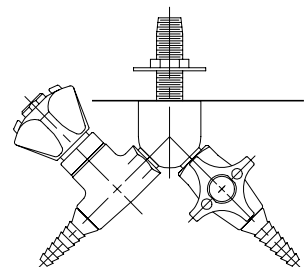
Inlet: 3/8" IPS male inlet.

Outlet: 3/8" IPS female outlet with removable seven serration hose end.

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

CT2860I-141WSA

*Double Push/Turn Gas Valve Fitting,
Panel Mounted*



Left hand valve rotated 90° counter-clockwise for viewing.

FlowStop Model:

CTFS2860I-141WSA Same as above except with FlowStop.

Additional Model:

CT2860-141WSA Same as above except less pop-up indicator buttons.

Push/Turn Gas Valves

Application: Flow control of burning or combustible gases, including natural and bottled gas. Valves have safety handle which must be pushed down in order to open valve. Valves have 90 degree rotation from closed to open. Pop-up buttons indicate if valve is in open or closed position.

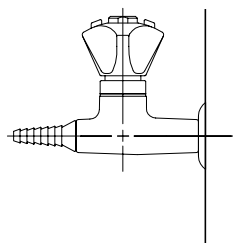
Finish: Fittings are available with a choice of five powder coated finishes. Specify finish when ordering: white, gray, tan, polished chrome with clear epoxy or satin chrome with clear epoxy.

FlowStop: Fittings are available with optional FlowStop. FlowStop may be used to shut off media supply for maintenance and to regulate volume of flow.

Additional Options: See pages 68-72.

CT4860I

*Push/Turn Gas Valve,
Suspended/Panel Mounted*



Valve Unit: Self-contained push/turn cartridge with rotating ceramic discs. Handle locks in closed position. Pop-up buttons indicate if valve is in open or closed position.

Inlet: 3/8" IPS female inlet with plastic escutcheon.

Outlet: 3/8" IPS female outlet with removable seven serration hose end.

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

FlowStop Model:

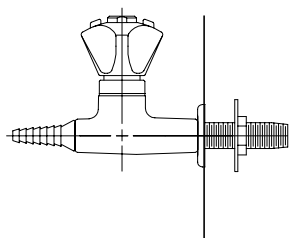
CTFS4860I Same as above except with FlowStop.

Additional Model:

CT4860 Same as above except less pop-up indicator buttons.

CT4860I-225WSA

*Push/Turn Gas Valve Fitting,
Suspended/Panel Mounted*



Mounting: Brass escutcheon with 3/8" IPS mounting shank, locknut and washer.

Valve Unit: Self-contained push/turn cartridge with rotating ceramic discs. Handle locks in closed position. Pop-up buttons indicate if valve is in open or closed position.

Inlet: 3/8" IPS male inlet.

Outlet: 3/8" IPS female outlet with removable seven serration hose end.

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

FlowStop Model:

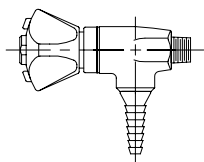
CTFS4860I-225WSA Same as above except with FlowStop.

Additional Model:

CT4860-225WSA Same as above except less pop-up indicator buttons.

CT3160I

Push/Turn Gas Valve, Angle Pattern



Valve Unit: Self-contained push/turn cartridge with rotating ceramic discs. Handle locks in closed position. Pop-up buttons indicate if valve is in open or closed position.

Inlet: 3/8" IPS male inlet.

Outlet: 3/8" IPS female outlet with removable seven serration hose end.

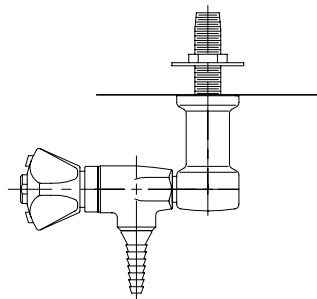
Quality Assurance: Valve is fully assembled and factory tested prior to shipment.

Additional Model:

CT3160 Same as above except less pop-up indicator buttons.

CT3160I-231WSA

*Single Push/Turn Gas Valve Fitting,
Suspended Mounting*



Mounting: Reversed turret base with single outlet.

Valve Unit: Self-contained push/turn cartridge with rotating ceramic discs. Handle locks in closed position. Pop-up buttons indicate if valve is in open or closed position.

Inlet: 3/8" IPS male inlet.

Outlet: 3/8" IPS female outlet with removable seven serration hose end.

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

FlowStop Model:

CTFS3160I-231WSA Same as above except with FlowStop.

Additional Model:

CT3160-231WSA Same as above except less pop-up indicator buttons.

Application: Flow control of burning or combustible gases, including natural and bottled gas. Valves have safety handle that must be pushed down in order to open valve. Valves have 90 degree rotation from closed to open. Pop-up buttons indicate if

valve is in open or closed position.

Finish: Fittings are available with a choice of five powder coated finishes. Specify finish when ordering: white, gray, tan, polished chrome with clear epoxy or satin chrome with clear epoxy.

FlowStop: Fittings are available with optional FlowStop. FlowStop may be used to shut off media supply for maintenance and to regulate volume of flow.

Additional Options: See pages 68-72.

Valve Unit: Self-contained push/turn cartridge with rotating ceramic discs. Handle locks in closed position. Pop-up buttons indicate if valve is in open or closed position.

Inlet: 3/8" IPS female inlet with plastic escutcheon.

FlowStop Model:

CTFS5160I Same as above except with FlowStop.

Additional Model:

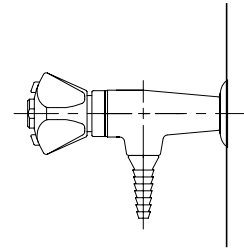
CT5160 Same as above except less pop-up indicator buttons.

Outlet: 3/8" IPS female outlet with removable seven serration hose end.

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

CT5160I

*Push/Turn Gas Valve,
Panel Mounted*



Mounting: Brass escutcheon with 3/8" IPS mounting shank, locknut and washer.

Valve Unit: Self-contained push/turn cartridge with rotating ceramic discs. Handle locks in closed position. Pop-up buttons indicate if valve is in open or closed position.

FlowStop Model:

CTFS5160I-225WSA Same as above except with FlowStop.

Additional Model:

CT5160-225WSA Same as above except less pop-up indicator buttons.

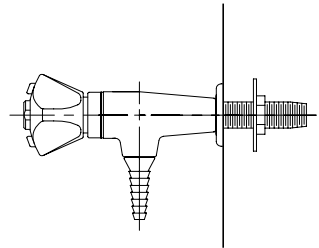
Inlet: 3/8" IPS male inlet.

Outlet: 3/8" IPS female outlet with removable seven serration hose end.

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

CT5160I-225WSA

*Push/Turn Gas Valve,
Panel Mounted*



Valve Unit: Self-contained push/turn cartridge with rotating ceramic discs. Handle locks in closed position. Pop-up buttons indicate if valve is in open or closed position.

Inlet: 3/8" IPS female inlet with plastic escutcheon.

FlowStop Model:

CTFS5260 Same as above except with FlowStop.

Additional Model:

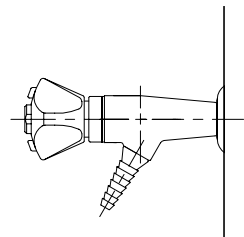
CT5260 Same as above except less pop-up indicator buttons.

Outlet: 1/4" IPS female outlet with removable angle seven serration hose end.

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

CT5260I

*Push/Turn Gas Valve,
Panel Mounted*



Mounting: Brass escutcheon with 3/8" IPS mounting shank, locknut and washer.

Valve Unit: Self-contained push/turn cartridge with rotating ceramic discs. Handle locks in closed position. Pop-up buttons indicate if valve is in open or closed position.

FlowStop Model:

CTFS5260I-225WSA Same as above except with FlowStop.

Additional Model:

CT5260-225WSA Same as above except less pop-up indicator buttons.

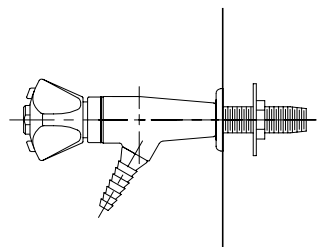
Inlet: 3/8" IPS male inlet.

Outlet: 3/8" IPS female outlet with removable angle seven serration hose end.

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

CT5260I-225WSA

*Push/Turn Gas Valve,
Panel Mounted*



Lift/Turn Gas Valves

Application: On/off control of burning or combustible gases, including natural and bottled gas. Valves have safety handle that must be lifted up in order to open valve. Valves have 90 degree rotation from closed to open. Ideal for use in schools and other areas where inexpensive valve

with locking safety handle is desired.

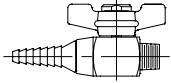
Finish: Fittings are available with a choice of five powder coated finishes. Specify finish when ordering: white, gray, tan, polished chrome with clear epoxy or satin chrome with clear epoxy.

FlowStop: Fittings are available with optional FlowStop. FlowStop may be used to shut off media supply for maintenance and to regulate volume of flow.

Additional Options: See pages 68-72.

CT4260

Lift/Turn Gas Valve



Valve Unit: Quarter turn open/close with chrome plated brass ball and molded TFE seals. Handle locks in closed position.

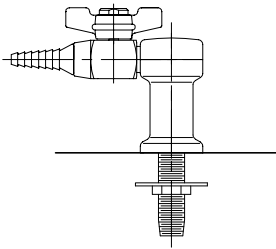
Inlet: 3/8" IPS male inlet.

Outlet: 3/8" IPS female outlet with removable seven serration hose end.

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

CT4260-231WSA

Single Lift/Turn Gas Valve Fitting, Deck Mounted



Mounting: Deck mounted turret base with single valve.

Valve Unit: Quarter turn open/close with chrome plated brass ball and molded TFE seals. Handle locks in closed position.

Inlet: 3/8" IPS male inlet.

Outlet: 3/8" IPS female outlet with removable seven serration hose end.

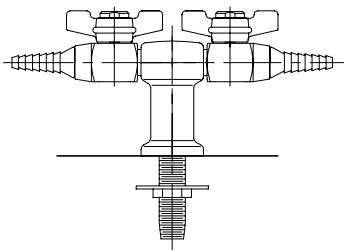
Quality Assurance: Fitting is fully assembled and factory tested prior to shipment.

FlowStop Model:

CTFS4260-231WSA Same as above except with FlowStop.

CT4260-232SWSA

Double Lift/Turn Gas Valve Fitting, Deck Mounted



Mounting: Deck mounted turret base with two valves at 180 degrees.

Valve Units: Quarter turn open/close with chrome plated brass balls and molded TFE seals. Handles lock in closed position.

Inlet: 3/8" IPS male inlet.

Outlets: 3/8" IPS female outlets with removable seven serration hose ends.

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

FlowStop Model:

CTFS4260-232SWSA Same as above except with FlowStop.

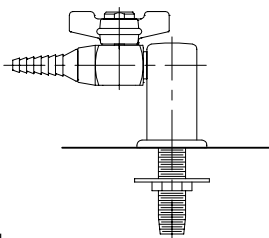
Additional Models:

CT4260-232AWSA Same as above except with two lift/turn gas valves at 90 degrees.

CT4260-234WSA Same as above except with four lift/turn gas valves.

CT4260-331WSA

Single Lift/Turn Gas Valve Fitting, Deck Mounted



Mounting: Small pattern deck mounted turret base with single valve.

Valve Unit: Quarter turn open/close with chrome plated brass ball and molded TFE seals. Handle locks in closed position.

Inlet: 3/8" IPS male inlet.

Outlet: 3/8" IPS female outlet with removable seven serration hose end.

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

Additional Model:

CT4260-332SWSA Same as above except with two lift/turn gas valves at 180 degrees.

Application: On/off control of burning or combustible gases, including natural and bottled gas. Valves have safety handle that must be lifted up in order to open valve. Valves have 90 degree rotation from closed to open. Ideal for use in schools and other areas where inexpensive valve

with locking safety handle is desired.

Finish: Fittings are available with a choice of five powder coated finishes. Specify finish when ordering: white, gray, tan, polished chrome with clear epoxy or satin chrome with clear epoxy.

FlowStop: Fittings are available with optional FlowStop. FlowStop may be used to shut off media supply for maintenance and to regulate volume of flow.

Additional Options: See pages 68-72.

Mounting: Panel mounted flange with single valve.

Valve Unit: Quarter turn open/close with chrome plated brass ball and molded TFE seals. Handle locks in closed position.

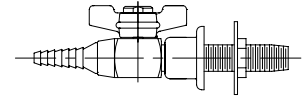
Inlet: 3/8" IPS male inlet.

Outlet: 3/8" IPS female outlet with removable seven serration hose end.

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

CT4260-258WSA

*Lift/Turn Gas Valve Fitting,
Suspended/Panel Mounted*



FlowStop Model:

CTFS4260-258WSA Same as above except with FlowStop.

Mounting: Panel mounted wye fitting with two valves at 90 degrees.

Valve Units: Quarter turn open/close with chrome plated brass balls and molded TFE seals. Handles lock in closed position

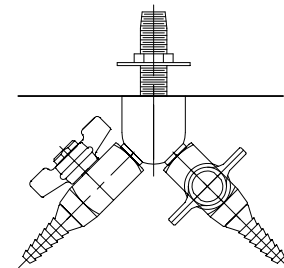
Inlet: 3/8" IPS male inlet.

Outlets: 3/8" IPS female outlets with removable seven serration hose ends.

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

CT4260-141WSA

*Double Lift/Turn Gas Valve Fitting,
Panel Mounted*



Left hand valve rotated 90° counter-clockwise for viewing.

FlowStop Model:

CTFS4260-141WSA Same as above except with FlowStop.

Mounting: Angle design turret with single valve for suspended mounting.

Valve Unit: Quarter turn open/close with chrome plated brass ball and molded TFE seals. Handle locks in closed position.

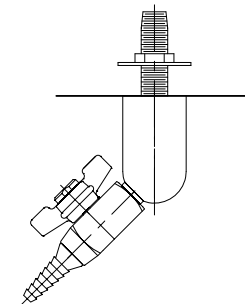
Inlet: 3/8" IPS male inlet.

Outlet: 3/8" IPS female outlet with removable seven serration hose end.

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

CT4260-148WSA

*Single Lift/Turn Gas Valve Fitting,
Suspended Mounting*



FlowStop Model:

CTFS4260-148WSA Same as above except with FlowStop.

Mounting: Angle design turret with two valves for suspended mounting.

Valve Units: Quarter turn open/close with chrome plated brass balls and molded TFE seals. Handles lock in closed position.

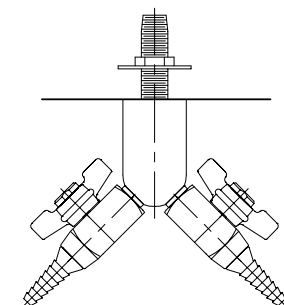
Inlet: 3/8" IPS male inlet.

Outlets: 3/8" IPS female outlets with removable seven serration hose ends.

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

CT4260-148-2SWSA

*Double Lift/Turn Gas Valve Fitting,
Suspended Mounting*



FlowStop Model:

CTFS4260-148-2SWSA Same as above except with FlowStop.

Remote Control Fittings for Fume Hoods



Application: Flow control of laboratory gases, water, steam and pure water in fume hoods and fume cupboards. Valves are installed on the front exterior face of the hood or cupboard. By eliminating an extension rod between the valve and

handle, the user has more precise control of the valve. Maintenance of the valve is greatly simplified, since all of the working components of the valve are accessible from the front exterior face of the hood or cupboard.

Finish: Valves are available with a choice of five powder coated finishes. Specify finish when ordering: white, gray, tan, polished chrome with clear epoxy or satin chrome with clear epoxy.

Panel mounted valve for installation on straight face of hood. Valve is installed from behind panel and is secured with external locking ring on front of hood. Valve inlet and outlet are 3/8" IPS female threads.

To order valve, select model number desired from below:

Water:

CT740W Compression valve construction for water service.

CTC740W Ceramic disc construction for water service.

Laboratory Gases:

CT740FCN Fine control needle valve construction. Valve is specially cleaned, lubricated and packaged for use with high purity gases.

CT740N Needle valve construction for laboratory gases, including vacuum.

Burning Gases:

CT740G Push/turn construction for natural, bottled and other combustible gases.

CT740GI Same as above except with pop-up indicator buttons.

Steam:

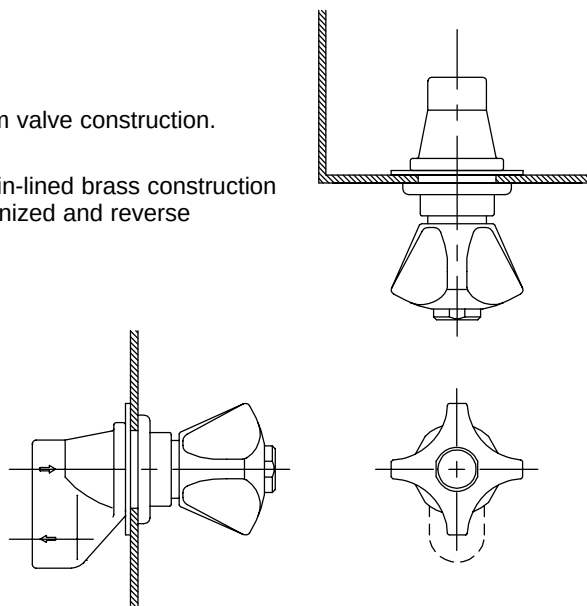
CT740S Steam valve construction.

Pure Water:

CT740WTL Tin-lined brass construction for distilled, deionized and reverse osmosis water.

CT740

Panel Mounted Valve,
Straight Face Hood



Panel mounted valve for installation on straight face of hood. Valve is installed from front of panel and is secured with locking ring and set screws behind panel. Valve inlet and outlet are 3/8" OD copper tubes.

To order valve, select model number desired from below:

Water:

CT750W Compression valve construction for water service.

CTC750W Ceramic disc construction for water service.

Laboratory Gases:

CT750FCN Fine control needle valve construction. Valve is specially cleaned, lubricated and packaged for use with high purity gases.

CT750N Needle valve construction for laboratory gases, including vacuum.

Burning Gases:

CT750G Push/turn construction for natural, bottled and other combustible gases.

CT750GI Same as above except with pop-up indicator buttons.

Steam:

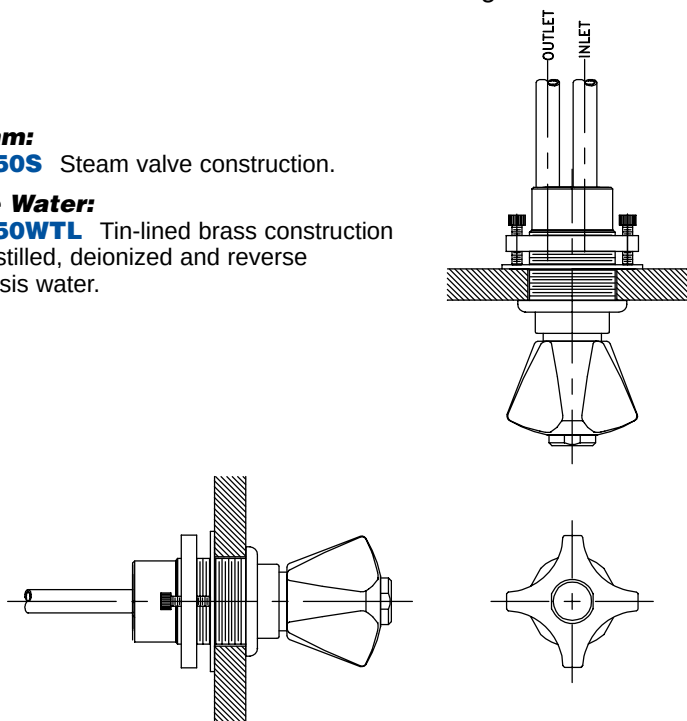
CT750S Steam valve construction.

Pure Water:

CT750WTL Tin-lined brass construction for distilled, deionized and reverse osmosis water.

CT750

Panel Mounted Valve,
Straight Face Hood



Remote Control Valves: Angle Face Hood

Application: Flow control of laboratory gases, water, steam and pure water in fume hoods and fume cupboards. Valves are installed on the front exterior face of the hood or cupboard. By eliminating an extension rod between the valve and

handle, the user has more precise control of the valve. Maintenance of the valve is greatly simplified, since all of the working components of the valve are accessible from the front exterior face of the hood or cupboard.

Finish: Valves are available with a choice of five powder coated finishes. Specify finish when ordering: white, gray, tan, polished chrome with clear epoxy or satin chrome with clear epoxy.

Panel mounted valve for installation on angle face of hood. Valve is installed from behind panel and is secured with external locking ring on front of hood. Valve inlet and outlet are 3/8" IPS female threads.

To order valve, select model number desired from below. Specify if valve is for mounting on right hand or left hand side of fume hood.

Water:

CT739W Compression valve construction for water service.

CTC739W Ceramic disc construction for water service.

Laboratory Gases:

CT739FCN Fine control needle valve construction. Valve is specially cleaned, lubricated and packaged for use with high purity gases.

CT739N Needle valve construction for laboratory gases, including vacuum.

Burning Gases:

CT739G Push/turn construction for natural, bottled and other combustible gases.

CT739GI Same as above except with pop-up indicator buttons.

Steam:

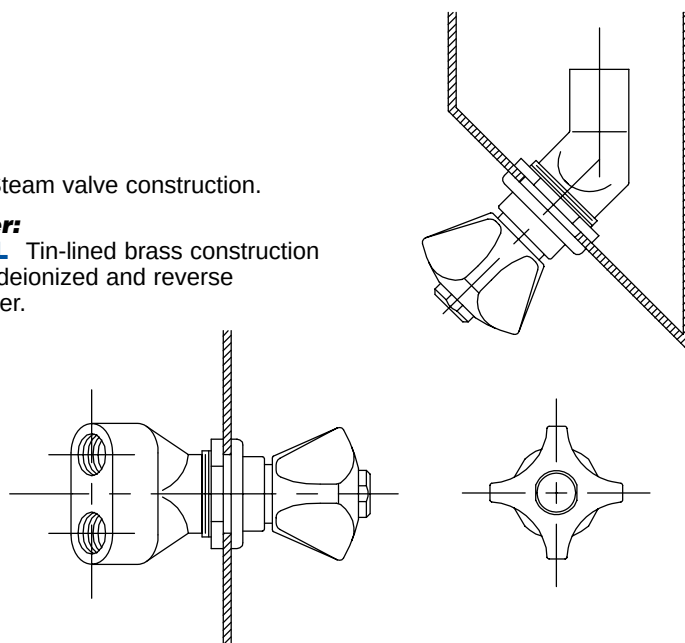
CT739S Steam valve construction.

Pure Water:

CT739WTL Tin-lined brass construction for distilled, deionized and reverse osmosis water.

CT739

*Panel Mounted Valve,
Angle Face Hood*



Panel mounted valve for installation on angle face of hood. Valve is installed from behind panel and is secured with external locking ring on front of hood. Valve inlet and outlet are 3/8" OD copper tubes.

To order valve, select model number desired from below:

Water:

CT752W Compression valve construction for water service.

CTC752W Ceramic disc construction for water service.

Laboratory Gases:

CT752FCN Fine control needle valve construction. Valve is specially cleaned, lubricated and packaged for use with high purity gases.

CT752N Needle valve construction for laboratory gases, including vacuum.

Burning Gases:

CT752G Push/turn construction for natural, bottled and other combustible gases.

CT752GI Same as above except with pop-up indicator buttons.

Steam:

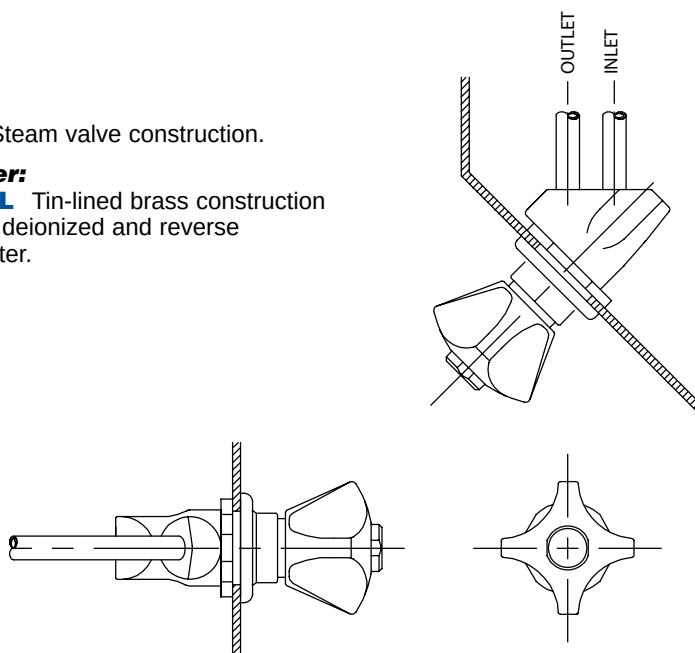
CT752S Steam valve construction.

Pure Water:

CT752WTL Tin-lined brass construction for distilled, deionized and reverse osmosis water.

CT752

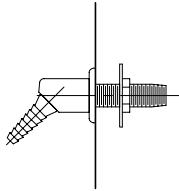
*Panel Mounted Valve,
Angle Face Hood*



Application: Outlet fittings for use with fume hood valves.

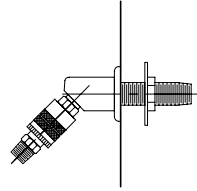
Finish: Outlet fittings are brass with a powder coated finish coded to match the fixture service index color.

Please refer to page 9 for a listing of index colors.



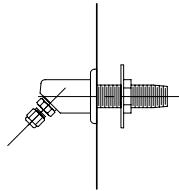
CT022WSA

Panel mounted flange with 45 degree angle seven serration hose end, furnished with mounting shank, locknut and washer. 3/8" IPS male inlet.



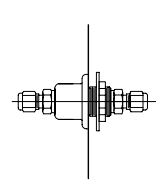
CT023WSA

Panel mounted flange with 45 degree angle quick connect fitting. Quick connect has 1/4" IPS plug. Furnished with mounting shank, locknut and washer. 3/8" IPS male inlet.



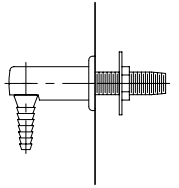
CT024WSA

Panel mounted flange with 45 degree angle 1/4" OD compression fitting. Furnished with mounting shank, locknut and washer. 3/8" IPS male inlet.



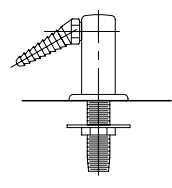
CT025WSA

Panel mounted bulkhead fitting. 1/4" OD compression inlet, 1/4" OD compression outlet.



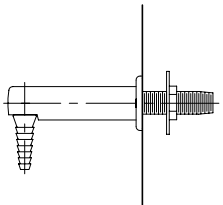
CT035WSA

Deck or panel mounted turret with 90 degree seven serration hose end. Furnished with mounting shank, locknut and washer. 3/8" IPS male inlet.



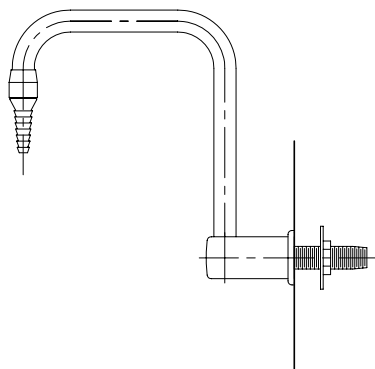
CT036WSA

Deck mounted turret with 30 degree angle seven serration hose end. Furnished with mounting shank, locknut and washer. 3/8" IPS male inlet.



CT051WSA

Panel mounted turret with 90 degree seven serration hose end. Furnished with mounting shank, locknut and washer. 3/8" IPS male inlet.



CT071WSA

Panel mounted turret with 6" rigid gooseneck. Furnished with mounting shank, locknut and washer. 3/8" IPS male inlet.

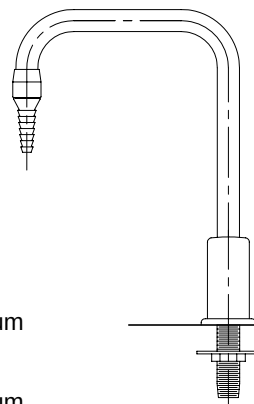
CT074WSA

Same as above except with rigid/swing gooseneck.

Additional Models:

CT071VB-WSA Same as CT071WSA except with vacuum breaker.

CT074VB-WSA Same as CT074WSA except with vacuum breaker.



CT081WSA

Deck mounted turret with 6" rigid gooseneck. Furnished with mounting shank, locknut and washer. 3/8" IPS male inlet.

CT084WSA

Same as above except with rigid/swing gooseneck.

Additional Models:

CT081VB-WSA Same as CT081WSA except with vacuum breaker.

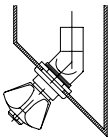
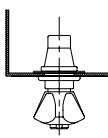
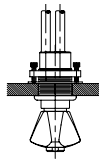
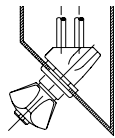
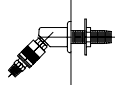
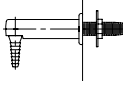
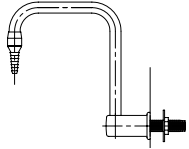
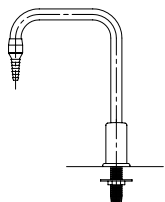
CT084VB-WSA Same as CT084WSA except with vacuum breaker.

Ordering Instructions

To order remote control assemblies, please proceed as follows:

1. Select the desired remote control valve from pages 57-58. Specify:
 - a. Valve construction, by using the appropriate letter suffix (ex: CT750N for needle valve construction, CT750W for water valve construction, etc.)
 - b. Valve service (cold water, gas, air, vacuum, etc.).
 - c. For CT739 valve, whether valve is for right hand or left hand mounting.
2. Select the desired outlet fitting from page 59.
3. On the table below, find the desired valve and outlet fitting.
Read across and down to find the appropriate assembly number.

Ordering Table

Outlet Fittings	Remote Control Valves			
	 CT739	 CT740	 CT750	 CT752
CT022WSA 	CT739?-CR	CT740?-CR	CT750?-CR	CT752?-CR
CT023WSA 	CT739?-QR	CT740?-QR	CT750?-QR	CT752?-QR
CT024WSA 	CT739?-MR	CT740?-MR	CT750?-MR	CT752?-MR
CT025WSA 	CT739?-BR	CT740?-BR	CT750?-BR	CT752?-BR
CT035WSA 	CT739?-7	CT740?-7	CT750?-7	CT752?-7
CT036WSA 	CT739?-8	CT740?-8	CT750?-8	CT752?-8
CT051WSA 	CT739?-5	CT740?-5	CT750?-5	CT752?-5
CT071WSA/ CT074WSA 	CT739?-9/ CT739?-9RS	CT740?-9/ CT740?-9RS	CT750?-9/ CT750?-9RS	CT752?-9/ CT752?-9RS
CT081WSA/ CT084WSA 	CT739?-6/ CT739?-6RS	CT740?-6/ CT740?-6RS	CT750?-6 CT750?-6RS	CT752?-6/ CT752?-6RS

Application: Flow control of high purity laboratory gases and water in fume hoods and fume cupboards. Valves and outlet fittings are Type 316 stainless steel and are specially cleaned, lubricated and packaged

for high purity use. Valves are installed on the front exterior face of the hood or cupboard, with all working components accessible from the front of the hood.

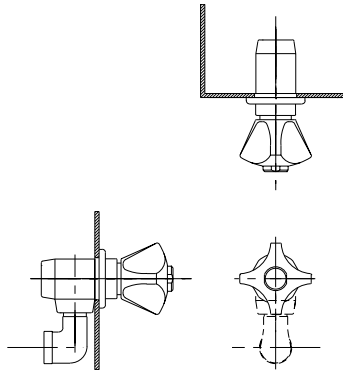
Finish: Valves are furnished with a satin (brushed) stainless steel finish.

Panel mounted all-stainless steel valve for installation on straight face of hood. Valve is installed from behind panel and is secured with external locking ring. Valve inlet and outlet are 3/8" IPS female threads.

CT6740FCN Fine control needle valve construction for high purity gases.

CT6740N Needle valve construction for high purity gases.

CT6740W Compression valve construction for pure water.



CT6740

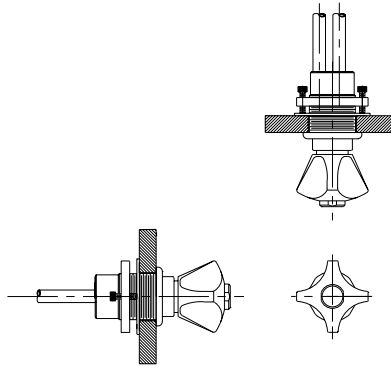
Stainless Steel Panel Mounted Valve, Straight Face Hood

Panel mounted all-stainless steel valve for installation on straight face of hood. Valve is installed from front of panel and is secured with locking ring and set screws behind panel. Valve inlet and outlet are 3/8" OD stainless steel tubes.

CT6750FCN Fine control needle valve construction for high purity gases.

CT6750N Needle valve construction for high purity gases.

CT6750W Compression valve construction for pure water.



CT6750

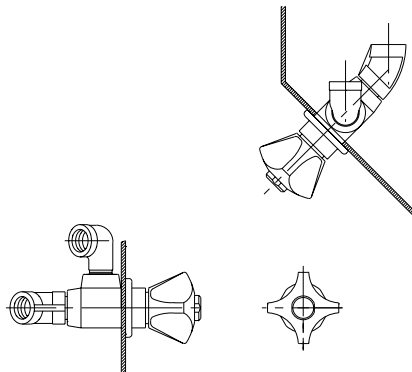
Stainless Steel Panel Mounted Valve, Straight Face Hood

Panel mounted all-stainless steel valve for installation on angle face of hood. Valve is installed from behind panel and is secured with external locking ring. Valve inlet and outlet are 3/8" IPS female threads.

CT6739FCN Fine control needle valve construction for high purity gases.

CT6739N Needle valve construction for high purity gases.

CT6739W Compression water valve construction for pure water.



CT6739

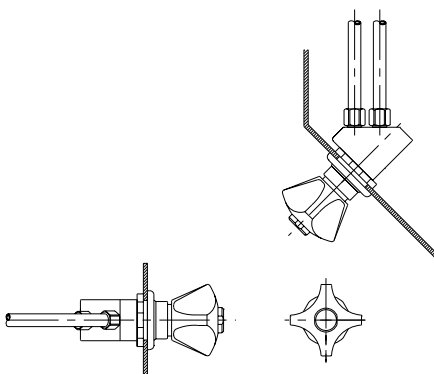
Stainless Steel Panel Mounted Valve, Angle Face Hood

Panel mounted all-stainless steel valve for installation on angle face of hood. Valve is installed from behind panel and is secured with external locking ring. Valve inlet and outlet are 3/8" OD stainless steel tubes.

CT6752FCN Fine control needle valve construction for high purity gases.

CT6752N Needle valve construction for high purity gases.

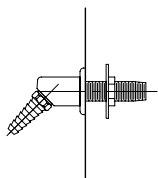
CT6752W Compression water valve construction for pure water.



CT6752

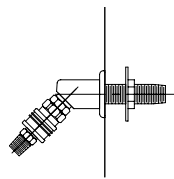
Stainless Steel Panel Mounted Valve, Angle Face Hood

Remote Control Outlet Fittings: Stainless Steel



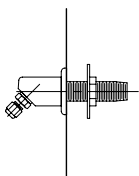
CT6022WSA

All-stainless steel panel mounted flange with 45 degree angle seven serration hose end. Furnished with mounting shank, locknut and washer. 3/8" IPS male inlet.



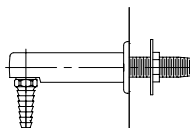
CT6023WSA

All-stainless steel panel mounted flange with 45 degree angle stainless steel quick connect fitting. Quick connect has 1/4" IPS plug. Furnished with mounting shank, locknut and washer. 3/8" IPS male inlet.



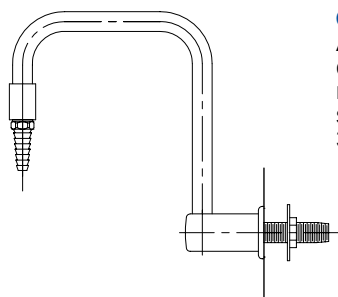
CT6024WSA

All-stainless steel panel mounted flange with 45 degree angle 1/4" OD compression fitting. Furnished with mounting shank, locknut and washer. 3/8" IPS male inlet.



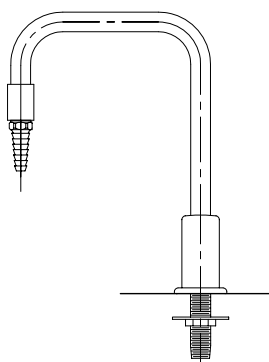
CT6051WSA

All-stainless steel panel mounted turret with 90 degree seven serration hose end. Furnished with mounting shank, locknut and washer. 3/8" IPS male inlet.



CT6071WSA

All-stainless steel panel mounted turret with 6" rigid gooseneck. Furnished with mounting shank, locknut and washer. 3/8" IPS male inlet.



CT6081WSA

All-stainless steel deck mounted turret with 6" rigid gooseneck. Furnished with mounting shank, locknut and washer. 3/8" IPS male inlet.

Ordering Instructions

To order stainless steel remote control assemblies, please proceed as follows:

1. Select the desired stainless steel remote control valve from page 61. Specify:
 - a. Valve construction, by using the appropriate letter suffix (ex: CT6740N for needle valve construction, CT6740W for water valve construction, etc.).
 - b. Valve service (cold water, gas, air, vacuum, etc.).
 - c. For CT6739 valve, whether valve is for right hand or left hand mounting.
2. Select the desired stainless steel outlet fitting from above.
3. On the table below, find the desired valve and outlet fitting. Read across and down to find the appropriate assembly number.

Ordering Table

Stainless Steel Remote Control Valves	Stainless Steel Outlet Fittings					
	CT6022WSA	CT6023WSA	CT024WSA	CT6051WSA	CT6071WSA	CT6081WSA
CT6739?	CT6739?-CR	CT6739?-QR	CT6739?-MR	CT6739?-5	CT6739?-9	CT6739?-6
CT6740?	CT6740?-CR	CT6740?-QR	CT6740?-MR	CT6740?-5	CT6740?-9	CT6740?-6
CT6750?	CT6750?-CR	CT6750?-QR	CT6750?-MR	CT6750?-5	CT6750?-9	CT6750?-6
CT6752?	CT6752?-CR	CT6752?-QR	CT6752?-MR	CT6752?-5	CT6752?-9	CT6752?-6

Remote Control Valves and Fittings: Plastic-Lined

Application: Remote control valves and fittings for use with distilled, deionized and reverse osmosis water. Valves are brass construction with an interior lining of inert polypropylene (PP) or polyvinylidene

fluoride (PVDF), as ordered. To assure purity of water, pure water only comes into contact with inert plastic.

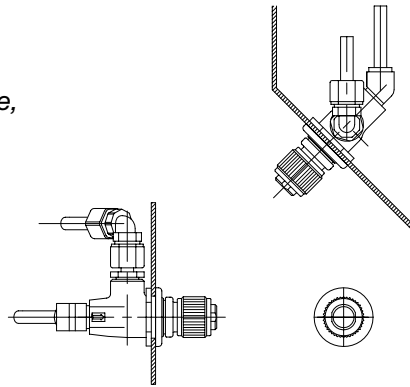
Finish: Valves are available with a choice of five powder coated

finishes. Specify finish when ordering: white, gray, tan, polished chrome with clear epoxy or satin chrome with clear epoxy. Outlet fittings are inert polypropylene (PP) or polyvinylidene fluoride (PVDF), as ordered.

Plastic-Lined Valves

CT7859W

Plastic-Lined Panel Mounted Valve, Angle Face Hood



CT7859W

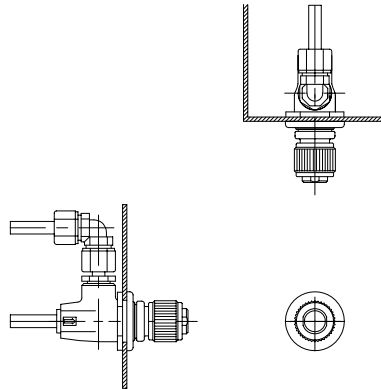
Panel mounted polypropylene-lined valve for installation on angle face of hood. Valve has diaphragm-type construction with brass stem and bonnet and elastomer diaphragm. Valve is installed from behind panel and is secured with external locking ring. Valve inlet and outlet are 3/8" OD polypropylene tubes.

CT7859W-PVDF

Same as above except with PVDF interior lining.

CT7860W

Plastic-Lined Panel Mounted Valve, Straight Face Hood



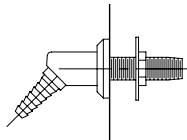
CT7860W

Panel mounted polypropylene-lined valve for installation on straight face of hood. Valve has diaphragm-type construction with brass stem and bonnet and elastomer diaphragm. Valve is installed from behind panel and is secured with external locking ring. Valve inlet and outlet are 3/8" OD polypropylene tubes.

CT7860W-PVDF

Same as above except with PVDF interior lining.

Plastic Outlet Fittings

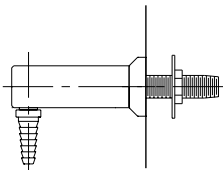


CT7022WSA

All-polypropylene panel mounted flange with angle seven serration hose end. Furnished with mounting shank, locknut and washer. 3/8" IPS male inlet.

CT7022WSA-PVDF

Same as above except all-PVDF.

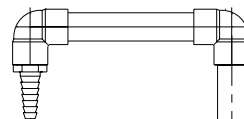


CT7051WSA

All-polypropylene panel mounted turret with seven serration hose end. Furnished with mounting shank, locknut and washer. 3/8" IPS male inlet.

CT7051WSA-PVDF

Same as above except all-PVDF.

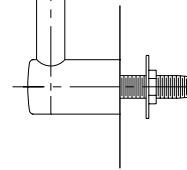


CT7071WSA

Polypropylene panel mounted turret with 6" rigid gooseneck and seven serration hose end. Furnished mounting shank, locknut and washer. 3/8" IPS male inlet.

CT7071WSA-PVDF

Same as above except all-PVDF.



Ordering Table

Plastic-Lined Remote Control Valves	Plastic Outlet Fittings		
	CT7022WSA	CT7051WSA	CT7071WSA
CT7859W	CT7859W-CR	CT7859W-5	CT7859W-9
CT7860W	CT7860W-CR	CT7860W-5	CT7860W-9

Note: Specify polypropylene (PP) or polyvinylidene fluoride (PVDF) construction when ordering.

Accessories and Components

Electrical Fittings
Accessories and Components



CTE313WS

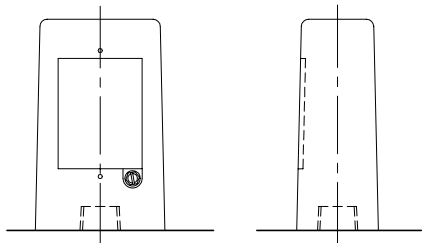


CT112

Application: Installation of power, voice and data outlets on a laboratory bench top. Electric pedestal boxes are listed by Underwriters Laboratories under Standard UL514A, are machined for both standard

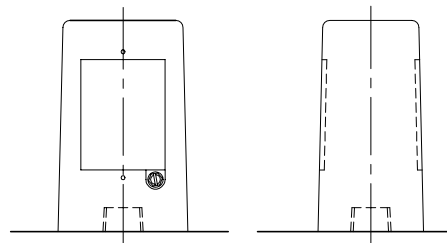
and ground fault receptacles, and are furnished complete with grounding screw(s), 3/4" IPS mounting shank and locknut.

Finish: Pedestal boxes are available with a choice of five powder coated finishes. Specify finish when ordering: white, gray, tan, polished aluminum with clear epoxy or satin (brushed) aluminum with clear epoxy.



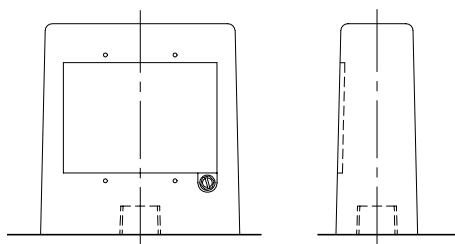
CTE300WS

Single gang, single face electric pedestal box. Furnished with 3/4" IPS mounting shank and locknut.



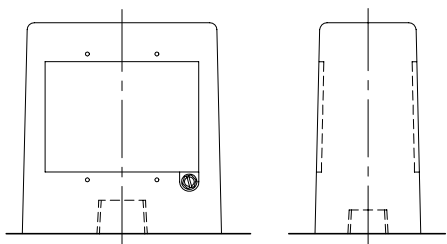
CTE400WS

Single gang, double face electric pedestal box. Furnished with 3/4" IPS mounting shank and locknut.



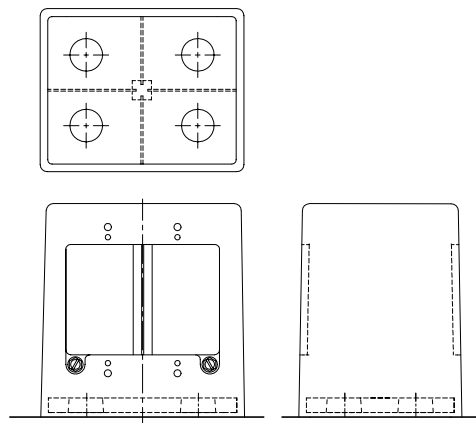
CTE500WS

Double gang, single face electric pedestal box. Furnished with 3/4" IPS mounting shank and locknut.



CTE600WS

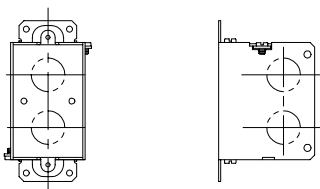
Double gang, double face electric pedestal box. Furnished with 3/4" IPS mounting shank and locknut.



CTE800WS

Multiplex Power/Data Pedestal Box. The Multiplex box can accommodate power, voice and data outlets in a single unit. Box has internal partitions that can be inserted in any combination to allow for installation of a variety of outlets. Partitions prevent interference between power and data lines. Power, voice and data ports can be installed in any quadrant of box. Box is furnished with (4) 1/2" IPS mounting shanks and locknuts. Receptacles and face plates must be ordered separately.

Patent Pending.

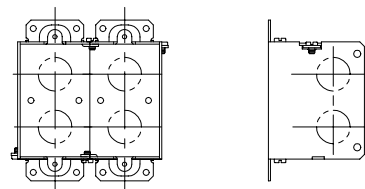


E2300

Single gang recessed electric box.

E2500

Double gang recessed electric box.



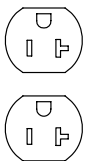
Electrical Fixtures

Application: Receptacles and face plates for use with ColorTech electrical fixtures. Receptacles are furnished in black as standard. Special colors available

upon request. Face plates are Type 304 stainless steel and are furnished in a choice of five powder coated finishes. Specify finish when ordering: white, gray, tan, polished

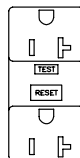
stainless steel with clear epoxy or satin stainless steel with clear epoxy.

Receptacles



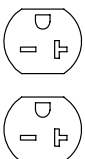
RE033

20 amp, 125 volt straight blade duplex receptacle.



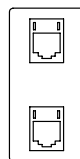
RE033GF

20 amp, 125 volt straight blade ground fault duplex receptacle.



RE037

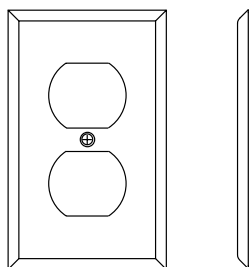
20 amp, 250 volt straight blade duplex receptacle.



RE061

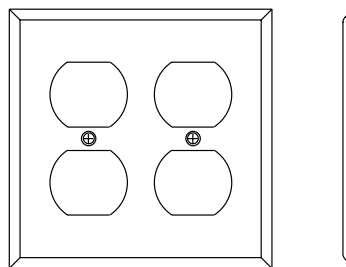
Data Outlet. Category 5 T568B duplex jack.

Face Plates



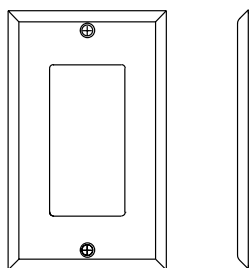
SE022

Single gang face plate for duplex receptacle. Specify finish when ordering.



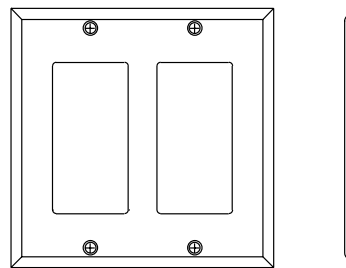
SE0233

Double gang face plate for duplex receptacles. Specify finish when ordering.



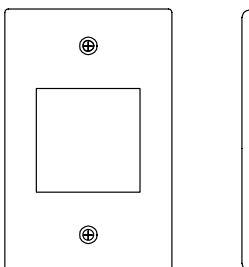
SE028

Single gang face plate for ground fault receptacle or data outlet. Specify finish when ordering.



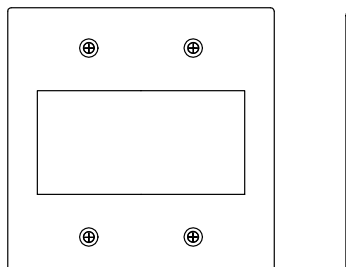
SE029

Double gang face plate for ground fault receptacles or data outlets. Specify finish when ordering.



SE036

Single gang deep face plate for international use. Plate has 45mm square opening for modular outlet (furnished separately). Furnished with mounting bracket for outlet and all necessary mounting screws. Specify finish when ordering.



SE037

Double gang deep face plate for international use. Plate has 45mm square opening for modular outlet (furnished separately). Furnished with mounting bracket for outlets and all necessary mounting screws. Specify finish when ordering.

Ordering Table

Most ColorTech electrical fixtures consist of a pedestal box, receptacle(s) and face plate(s). Please refer to the ordering table below to order. Note that, for the CTE800WS Multiplex power/data box, receptacles and face plates must be ordered separately. For the -71 series fixtures, the fixture consists of a pedestal box and face plate(s) only. The 45mm modular outlets must be furnished separately.

Ordering Instructions: To order electrical fixtures, please proceed as follows:

1. Select the desired electrical box from page 65.
2. Select the desired outlet from page 66.

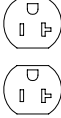
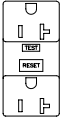
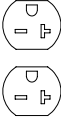
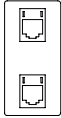
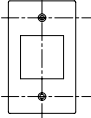
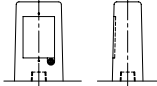
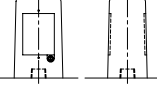
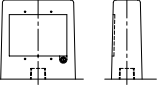
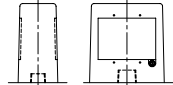
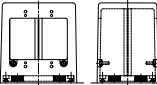
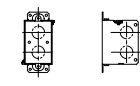
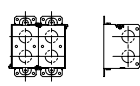
3. On the table below, find the desired box and outlet. Read across and down to find the appropriate fixture number.

4. Specify the desired finish, as follows:

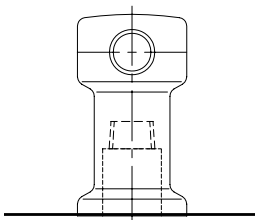
*White, gray or tan. Box and face plate(s) are epoxy powder coated.

*Satin Clear. Box is satin aluminum with clear epoxy coating. Face plate(s) are satin stainless steel with clear epoxy coating.

*Polished Clear. Box is polished aluminum with clear epoxy coating. Face plate(s) are polished stainless steel with clear epoxy coating.

	Outlets -33	-33GF	-37	-61	-71
	20 Amp, 125 V Straight Blade (Duplex)	20 Amp, 125 V Straight Blade Ground Fault (Duplex)	20 Amp, 250 V Straight Blade (Duplex)	Data Outlet (Cat 5 T568B Duplex Jacks)	International Modular Outlet
Electrical Boxes					
CTE300WS					
	CTE333WS	CTE333GF-WS	CTE337WS	CTE361WS	CTE371WS
CTE400WS					
	CTE433WS	CTE433GF-WS	CTE437WS	CTE461WS	CTE471WS
CTE500WS					
	CTE533WS	CTE533GF-WS	CTE537WS	CTE561WS	CTE571WS
CTE600WS					
	CTE633WS	CTE633GF-WS	CTE637WS	CTE661WS	CTE671WS
CTE800WS					
	For CTE800WS, receptacles and face plates must be ordered separately. Please refer to page 66.				
CTE2300					
	CTE2333	CTE2333GF	CTE2337	CTE2361	CTE2371
CTE2500					
	CTE2533	CTE2533GF	CTE2537	CTE2561	CTE2571

Mounting Fittings



CTBI231

Deck mounted turret base. 3/8" IPS female inlet, single 3/8" IPS female outlet. Specify finish when ordering.

CTBI232A

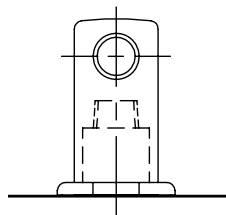
Same as above except with two outlets at 90 degrees.

CTBI232S

Same as above except with two outlets at 180 degrees.

CTBI234

Same as above except with four outlets.

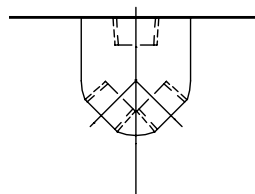


CTBI331

Deck mounted small pattern turret base. 3/8" IPS female inlet, single 3/8" IPS female outlet. Specify finish when ordering.

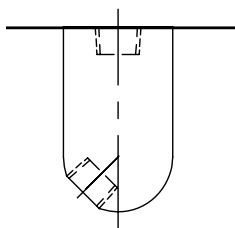
CTBI332S

Same as above except with two outlets at 180 degrees.



CTBI141

Panel mounted wye fitting. 3/8" IPS female inlet, two 3/8" IPS female outlets. Specify finish when ordering.

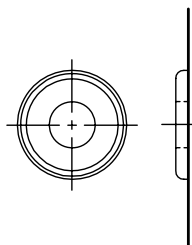


CTBI148

Turret base for suspended mounting. 3/8" IPS female inlet, single 3/8" IPS female outlet. Specify finish when ordering.

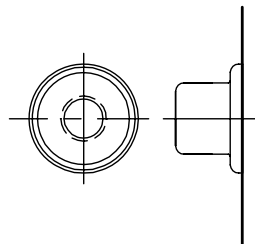
CTBI148-2S

Same as above except with two outlets at 180 degrees.



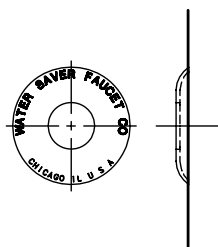
CTBI225

Brass escutcheon for 3/8" IPS mounting shank. Specify finish when ordering.



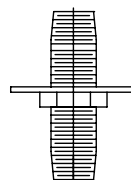
CTBI258

Panel mounted flange. 3/8" IPS female inlet and outlet. Specify finish when ordering.



PI263

Plastic escutcheon for 3/8" IPS inlet. Specify color (white, gray or tan) when ordering.



BI136-02-08R

3/8" IPS mounting shank with locknut and washer. 3/8" IPS x 2-1/2" long.

BI136-03-08R

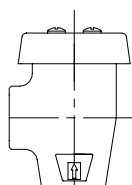
Same as above except 3-1/2" long.

BI136-04R

Same as above except 4" long.

Note: If heavy duty mounting shank is desired, add suffix "HD".

Vacuum Breakers

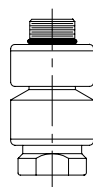


CT100

Atmospheric vacuum breaker. 3/8" IPS female inlet and outlet. Specify finish when ordering.

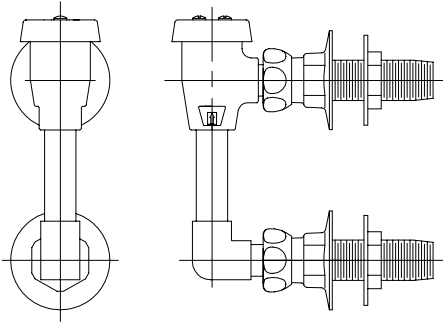
CT101

Same as above except with 1/2" IPS female inlet and outlet.



CT110

Dual check vacuum breaker. 3/8" IPS male inlet, 3/8" IPS female outlet. Specify finish when ordering.

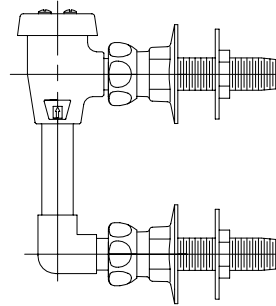


CT102

Atmospheric vacuum breaker for panel or wall mounting. 1/2" IPS female inlet and outlet. Specify finish when ordering.

CT102WSA

Same as above except with mounting shanks, locknuts and washers.



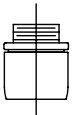
CT112

Atmospheric vacuum breaker for panel or wall mounting. 3/8" IPS female inlet and outlet. Specify finish when ordering.

CT112WSA

Same as above except with mounting shanks, locknuts and washers.

Outlet Fittings

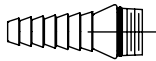


CTB0055

Aerator. 3/8" IPS male inlet. Specify finish when ordering.

CTB0055FC

Same as above except with internal flow control. Specify flow rate in GPM when ordering.

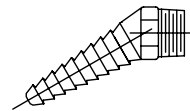


CTB0138S

Straight seven serration hose end. 3/8" IPS male inlet. Specify finish when ordering.

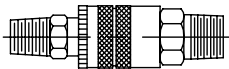
CTB0138S-1/4

Same as above except with 1/4" IPS male inlet.



CTB0142

Angle ten serration hose end. 3/8" NPT male inlet. Specify finish when ordering.

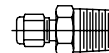


CTB0188

Quick connect fitting. 3/8" IPS male inlet, 1/4" IPS male outlet. Furnished with polished chrome plated finish and clear epoxy coating only.

CTB0189

Same as above except with 1/4" IPS male inlet.

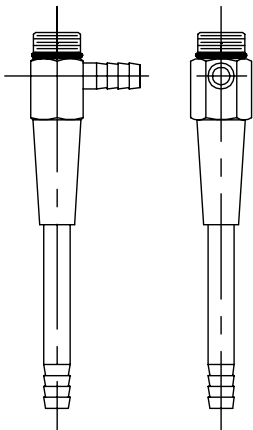


CTB0183-1/4

Compression fitting. 3/8" IPS male inlet, 1/4" OD tube outlet. Furnished with polished chrome plated finish and clear epoxy coating only.

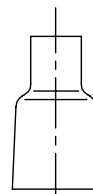
B0183

Same as above except 1/8" OD tube outlet.



CTB0127S

Aspirator. 3/8" IPS male inlet, 1/4" IPS male outlet. Specify finish when ordering.



B0125

Rubber splash eliminator for use with CTB0127S aspirator.

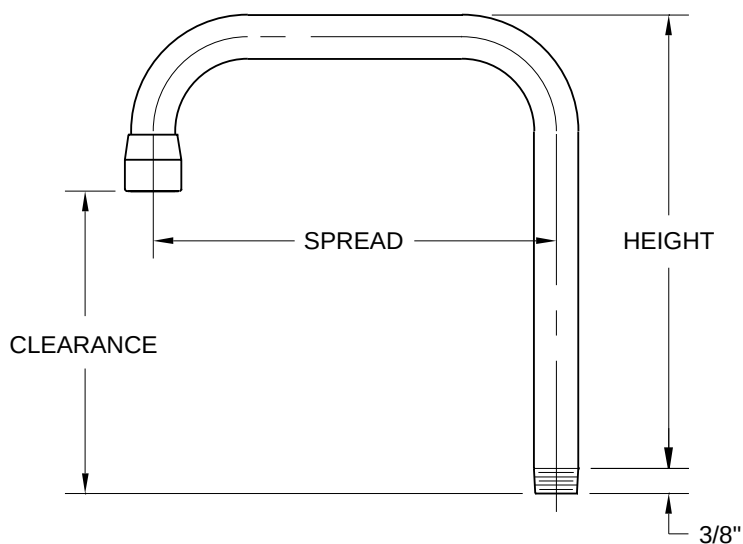
Goosenecks and Spouts

Application: The goosenecks and spouts shown below represent the standard sizes available in the ColorTech product line. Special sizes (including special heights, spreads and clearances)

may be furnished on request. Please specify dimensions required when ordering. All goosenecks and spouts have an outlet coupling with a 3/8" IPS female thread.

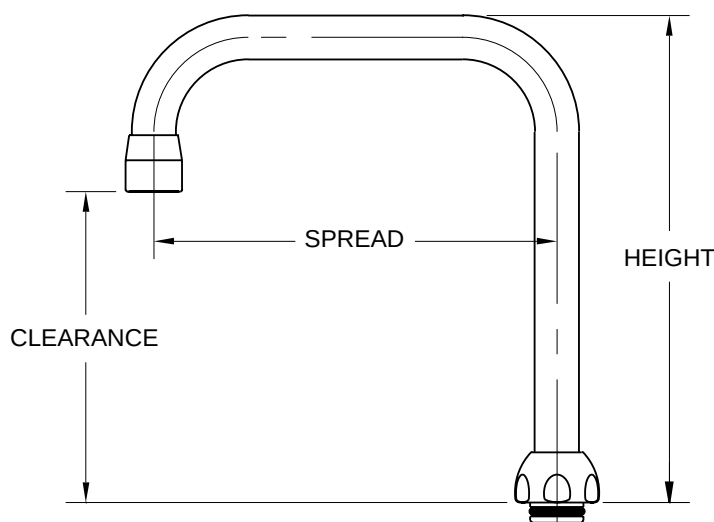
Finish: Goosenecks and spouts are available with a choice of five powder coated finishes. Specify finish when ordering: white, gray, tan, polished chrome with clear epoxy or satin chrome with clear epoxy.

Rigid Goosenecks



Item No.	Spread	Height	Clearance
CTRG4	4" (102mm)	9" (229mm)	5-3/4" (146mm)
CTRG6	6" (152mm)	9" (229mm)	4-7/8" (124mm)
CTRG8	8" (203mm)	9-7/8" (251mm)	4-7/8" (124mm)
CTRG9	9" (229mm)	9-7/8" (251mm)	5-3/4" (146mm)
CTRG10	10" (250mm)	9-7/8" (251mm)	5-3/4" (146mm)
CTRG12	12" (305mm)	9-7/8" (251mm)	5-3/4" (146mm)

Rigid/Swing Goosenecks and Spouts



Item No.	Spread	Height	Clearance
Goosenecks			
CTRS4	4" (102mm)	9-1/2" (241mm)	6-1/4" (159mm)
CTRS6	6" (152mm)	9-1/2" (241mm)	5-3/8" (137mm)
CTRS8	8" (203mm)	10-3/8" (264mm)	5-3/8" (137mm)
CTRS9	9" (229mm)	10-3/8" (264mm)	6-1/4" (159mm)
CTRS10	10" (250mm)	10-3/8" (264mm)	6-1/4" (159mm)
CTRS12	12" (305mm)	10-3/8" (264mm)	6-1/4" (159mm)
Spouts			
CTRSW6	6" (152mm)	4-3/8" (111mm)	1-1/2" (38mm)
CTRSW9	9" (229mm)	5-1/8" (130mm)	2-1/4" (57mm)
CTRSW12	12" (305mm)	5-7/8" (149mm)	3" (76mm)

Vacuum Breaker Goosenecks and Spouts

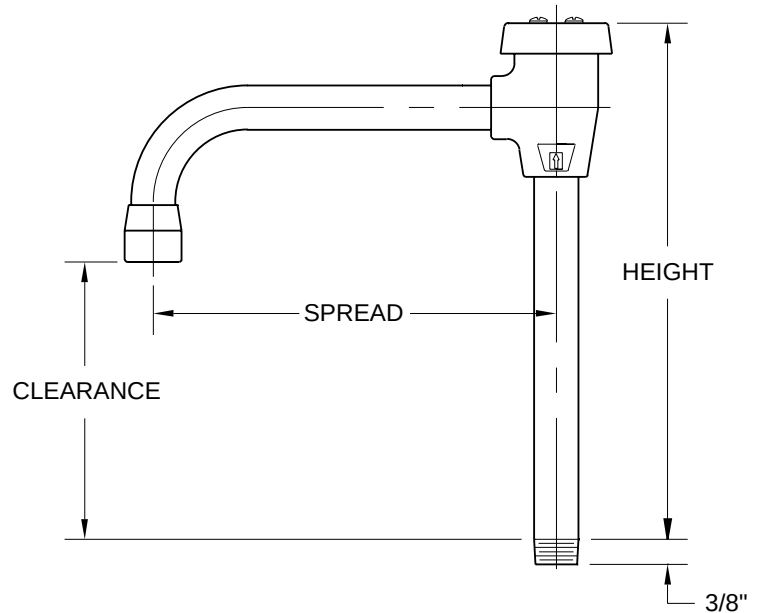
Application: The goosenecks and spouts shown below represent the standard sizes available in the ColorTech product line. Special sizes (including special heights, spreads and clearances)

may be furnished on request. Please specify dimensions required when ordering. All goosenecks and spouts have an outlet coupling with a 3/8" IPS female thread.

Finish: Goosenecks and spouts are available with a choice of five powder coated finishes. Specify finish when ordering: white, gray, tan, polished chrome with clear epoxy or satin chrome with clear epoxy.

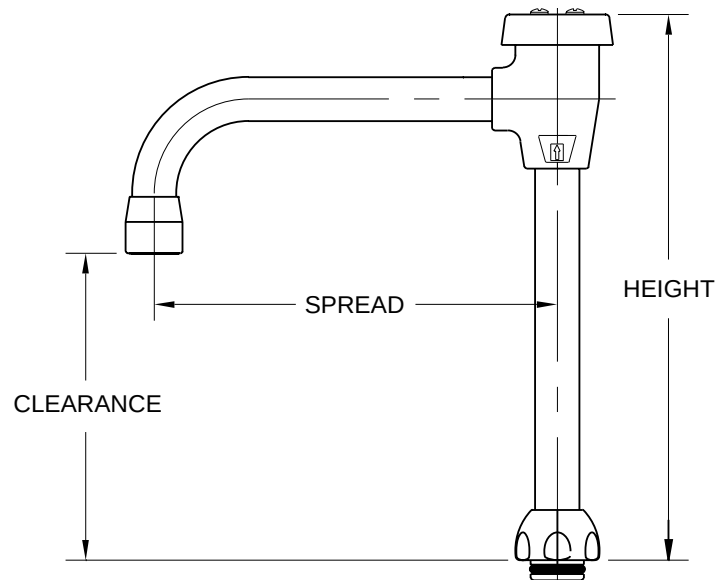
Rigid Vacuum Breaker Goosenecks

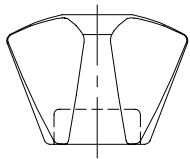
Item No.	Spread	Height	Clearance
CTRG4VB	4" (102mm)	8-3/4" (222mm)	5-1/8" (130mm)
CTRG6VB	6" (152mm)		
CTRG8VB	8" (203mm)		
CTRG9VB	9" (229mm)		
CTRG10VB	10" (250mm)		
CTRG12VB	12" (305mm)		



Rigid/ Swing Vacuum Breaker Goosenecks and Spouts

Item No.	Spread	Height	Clearance
Goosenecks			
CTRS4VB	4" (102mm)	9-1/4" (235mm)	5-5/8" (143mm)
CTRS6VB	6" (152mm)		
CTRS8VB	8" (203mm)		
CTRS9VB	9" (229mm)		
CTRS10VB	10" (250mm)		
CTRS12VB	12" (305mm)		
Spouts			
CTRSW6VB	6" (152mm)	5-1/8" (130mm)	1-5/8" (41mm)
CTRSW9VB	9" (229mm)		
CTRSW12VB	12" (305mm)		



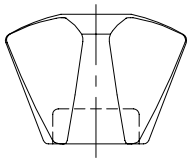
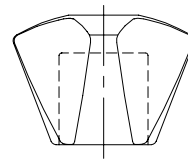


PA210

Molded nylon handle for water faucets and valves. Specify color when ordering.

PA211

Molded nylon handle for needle valves and remote control fume hood valves. Specify color when ordering.

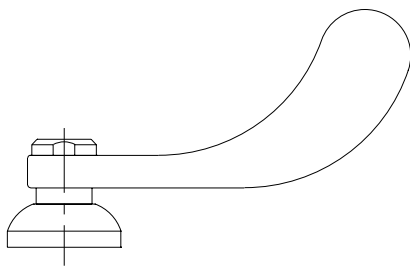
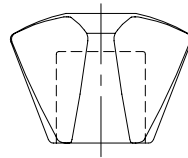


AA210

Diecast aluminum handle for water faucets and valves. Furnished with powder coated finish. Specify color when ordering.

AA211

Diecast aluminum handle for needle valves and remote control fume hood valves. Furnished with powder coated finish. Specify color when ordering.

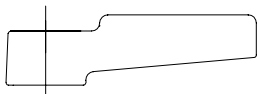


CTBA039TS

4" wrist blade handle. Furnished with powder coated finish. Specify finish when ordering.

PA032

Molded nylon index disc. Specify color and service when ordering.

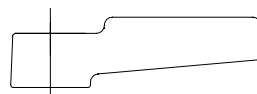


PA220

Molded nylon handle for laboratory ball valves. Specify color when ordering.

CTBA220

Forged brass handle for laboratory ball valve. Specify finish when ordering.



Laboratory Safety Equipment

Recessed Laboratory Units
Emergency Showers
Eye/Face Washes
Eye Washes

Eye Wash/Drench Hose Units
Drench Hose Units
Safety Stations
Accessories





Application: ColorTech recessed laboratory units are recess mounted into a finished wall. They conserve valuable floor space, while eliminating the clutter and obstruction created by conventional eye wash and shower equipment. Units can be installed in either a corridor or a lab room, close to where accidents might occur. In an emergency, units are easily located and activated.

ADA Compliance: When installed at recommended mounting heights, units comply with ADA requirements for accessibility

by handicapped persons (maximum height and reach, minimum knee clearance and distance from obstructions).

Certification: All ColorTech safety equipment is third-party certified to meet the requirements of ANSI Z358.1 - 1998 ("Emergency Eye Wash and Shower Equipment").

Finish: Units are supplied with a powder coated finish on all exposed brass components. Specify finish when ordering: white, gray, tan, polished chrome with clear epoxy or satin chrome with clear epoxy.

Shower Head: 8" diameter cast brass. Furnished with vertical supply pipe and ceiling escutcheon for mounting shower head at desired height below finished ceiling.

Shower Valve: 1" IPS brass stay-open ball valve with stainless steel "panic bar". Pulling bar down activates shower; shower remains in operation until bar is returned to original closed position. Furnished with stainless steel access panel and 1" IPS unions for valve.

Cover/Drain Pan: Eye/face wash section of unit has stainless steel cover. Opening cover pulls outlet head assembly down from vertical to horizontal position and activates water flow. Horizontal grab bar is easily grasped and pulled in an emergency. While unit is in operation, waste water is collected by drain pan and returned into unit for drainage. Unit remains in operation until cover is returned to closed position.

Outlet Head Assembly: Two FS-Plus spray heads mounted on supply arms. Each spray head has internal flow control and filter to remove impurities from water.

Eye/Face Wash Valve: 1/2" IPS brass stay-open ball valve.

Mounting: Entire unit is contained in an 18 gauge stainless steel cabinet with flanged rim for recessed mounting in wall. Combination cover and drain pan is 18 gauge stainless steel. Unit fits in standard 3-1/2" deep wall.

Pipe and Fittings: All pipe and fittings are brass.

Supply: 1" IPS female inlet.

Waste: 1-1/2" OD chrome plated brass tube.

Sign: Furnished with ANSI-compliant identification sign.

Quality Assurance: Unit is completely assembled and water tested prior to shipment

U.S. Patent: 5,768,721

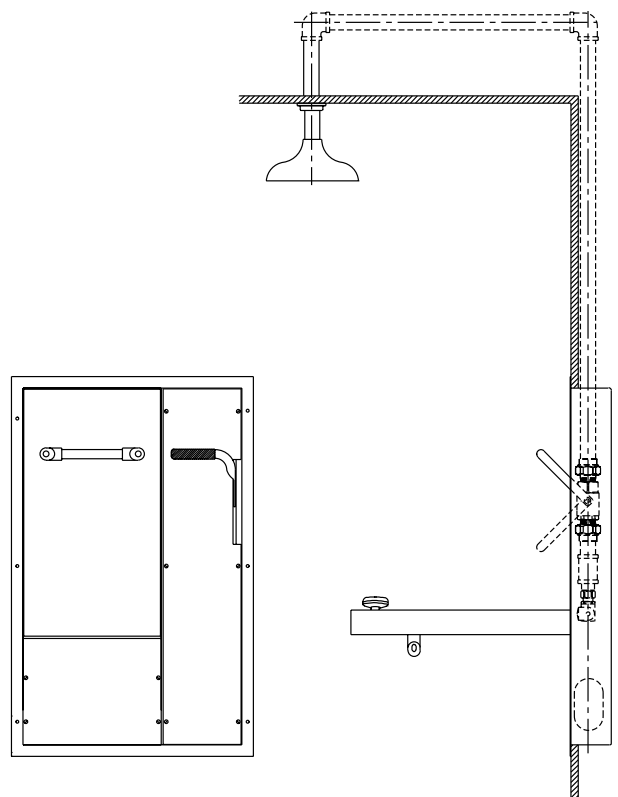
Available Options:

AP280-220 Electric Light and Alarm Horn. Flashing light is mounted on wall above unit. Alarm horn is recess mounted in wall next to light. Light is illuminated and horn sounds when either eye/face wash or shower is activated. See page 87 for complete information.

AP3800 Thermostatic Mixing Valve. Mixing valve precisely blends hot and cold water to deliver warm (tepid) water to eye/face wash and shower station as required by ANSI Z358.1 - 1998. Warm water prevents possibility of thermal shock. See page 86 for complete information.

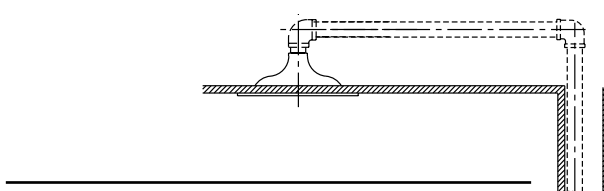
CTSSBF2150

*Recessed Safety Station
with Drain Pan*



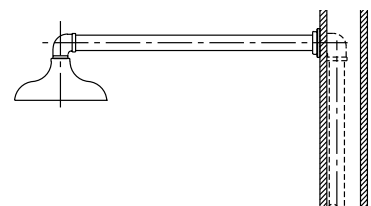
CTSSBF2160

Same as above except with recess mounted shower head.



CTSSBF2170

Same as above except with wall mounted shower head.



Application: ColorTech recessed laboratory units are recess mounted into a finished wall. They conserve valuable floor space, while eliminating the clutter and obstruction created by conventional eye wash and shower equipment. Units can be installed in either a corridor or a lab room, close to where accidents might occur. In an emergency, units are easily located and activated.

ADA Compliance: When installed at recommended mounting heights, units comply with ADA requirements for accessibility by

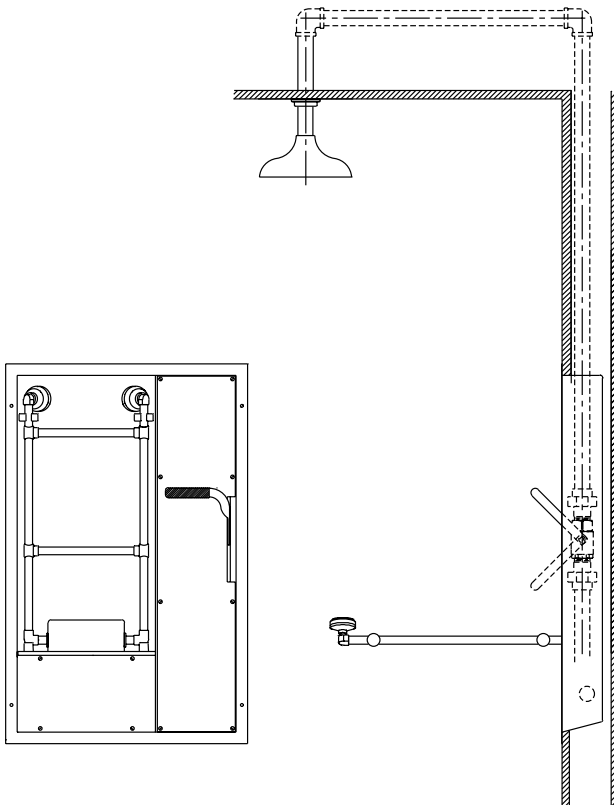
handicapped persons (maximum height and reach, minimum knee clearance and distance from obstructions).

Certification: All ColorTech safety equipment is third-party certified to meet the requirements of ANSI Z358.1 - 1998 ("Emergency Eye Wash and Shower Equipment").

Finish: Units are supplied with a powder coated finish on all exposed brass components. Specify finish when ordering: white, gray, tan, polished chrome with clear epoxy or satin chrome with clear epoxy.

CTSSBF2100

Recessed Safety Station



Shower Head: 8" diameter cast brass. Furnished with vertical supply pipe and ceiling escutcheon for mounting shower head at desired height below finished ceiling.

Shower Valve: 1" IPS brass stay-open ball valve with stainless steel "panic bar". Pulling bar down activates shower; shower remains in operation until bar is returned to original closed position. Furnished with stainless steel access panel and 1" IPS unions for valve.

Eye/Face Wash Spray Head Assembly: Two FS-Plus spray heads mounted on supply arms. Each spray head has internal flow control and filter to remove impurities from water.

Eye/Face Wash Valve: 1/2" IPS brass stay-open ball valve. Valve is activated by swinging spray head assembly down from vertical to horizontal position. Dual horizontal grab bars are easily grasped and pulled in an emergency. Unit remains in operation until head assembly is returned to vertical position.

Mounting: Entire unit is contained in an 18 gauge stainless steel cabinet with flanged rim for recessed mounting in wall. Unit fits in standard 3-1/2" deep wall.

Pipe and Fittings: All pipe and fittings are brass.

Supply: 1" IPS female inlet.

Sign: Furnished with ANSI-compliant identification sign.

Quality Assurance: Unit is completely assembled and water tested prior to shipment.

U.S. Patent: 5,768,721

Available Options:

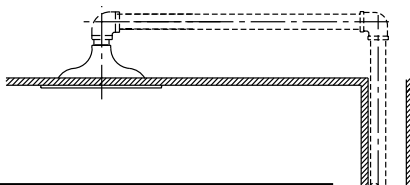
AP280-220 Electric Light and Alarm Horn.

Flashing light is mounted on wall above unit. Alarm horn is recess mounted in wall next to light. Light is illuminated and horn sounds when either eye/face wash or shower is activated. See page 87 for complete information.

AP3800 Thermostatic Mixing Valve. Mixing valve precisely blends hot and cold water to deliver warm (tepid) water to eye/face wash and shower station as required by ANSI Z358.1 - 1998. Warm water prevents possibility of thermal shock. See page 86 for complete information.

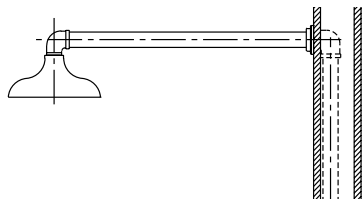
CTSSBF2110

Same as above except with recess mounted shower head.



CTSSBF2120

Same as above except with wall mounted shower head.





Application: ColorTech recessed laboratory units are recess mounted into a finished wall. They conserve valuable floor space, while eliminating the clutter and obstruction created by conventional eye wash and shower equipment. Units can be installed in either a corridor or a lab room, close to where accidents might occur. In an emergency, units are easily located and activated.

ADA Compliance: When installed at recommended mounting heights, units comply with ADA requirements for

accessibility by handicapped persons (maximum height and reach, minimum knee clearance and distance from obstructions).

Certification: All ColorTech safety equipment is third-party certified to meet the requirements of ANSI Z358.1 - 1998 ("Emergency Eye Wash and Shower Equipment").

Finish: Units are supplied with a powder coated finish on all exposed brass components. Specify finish when ordering: white, gray, tan, polished chrome with clear epoxy or satin chrome with clear epoxy.

Installation: Handicapped accessible wall mounted eye/face wash with stainless steel cover and drain pan. Opening cover pulls outlet head assembly down from vertical to horizontal position and activates water flow. Horizontal grab bar is easily grasped and pulled in an emergency. While unit is in operation, waste water is collected by drain pan and returned into unit for drainage. Unit remains in operation until cover is returned to closed position.

Outlet Head Assembly: Two FS-Plus spray heads mounted on supply arms. Each spray head has internal flow control and filter to remove impurities from water.

Eye/Face Wash Valve: 1/2" IPS brass stay-open ball valve.

Mounting: 18 gauge stainless steel cabinet with flanged rim for recessed mounting in wall. Combination cover and drain pan is 18 gauge stainless steel. Unit fits in standard 3-1/2" deep wall.

Supply: 1/2" IPS female inlet.

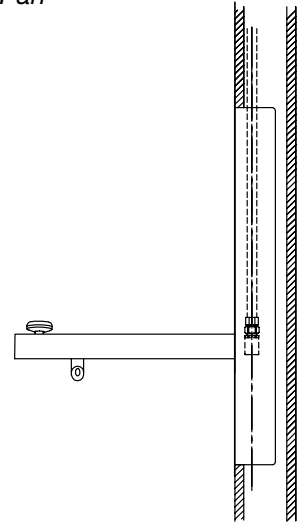
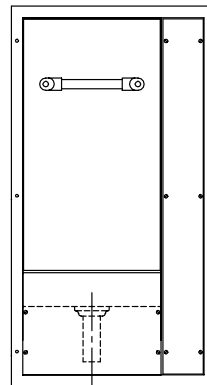
Waste: 1-1/2" OD chrome plated brass tube.

Sign: ANSI-compliant identification sign.

Quality Assurance: Unit is completely assembled and water tested prior to shipment.

CTFEBF735DP

Recessed Eye/Face Wash with Drain Pan



Installation: Handicapped accessible wall mounted eye/face wash. Unit is activated by swinging arms down to horizontal position. Dual horizontal grab bars are easily grasped and pulled in an emergency. Unit remains in operation until arms are returned to closed position.

Outlet Head Assembly: Two FS-Plus spray heads mounted on supply arms. Each spray head has internal flow control and filter to remove impurities from water.

Valve: 1/2" IPS brass stay-open ball valve.

Mounting: 18 gauge stainless steel cabinet with flanged rim for recessed mounting in wall. Unit fits in standard 3-1/2" deep wall.

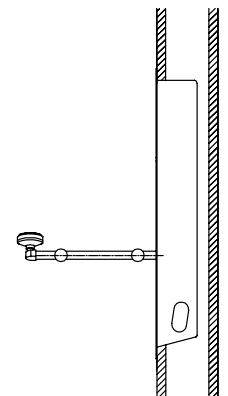
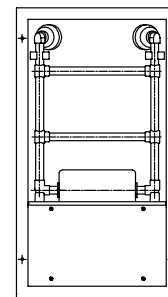
Supply: 1/2" IPS female inlet.

Sign: ANSI-compliant identification sign.

Quality Assurance: Unit is completely assembled and water tested prior to shipment.

CTFEBF735

Recessed Eye/Face Wash



Available Options:

AP280-220 Electric Light and Alarm Horn. Flashing light is mounted on wall above unit. Alarm horn is recess mounted in wall next to light. Light is illuminated and horn sounds when eye/face wash is activated. See page 87 for complete information.

AP3600 Thermostatic Mixing Valve. Mixing valve precisely blends hot and cold water to deliver warm (tepid) water to eye/face wash as required by ANSI Z358.1 - 1998. Warm water prevents possibility of thermal shock. See page 86 for complete information.

Application: ColorTech recessed laboratory units are recess mounted into a finished wall. They conserve valuable floor space, while eliminating the clutter and obstruction created by conventional eye wash and shower equipment. Units can be installed in either a corridor or a lab room, close to where accidents might occur. In an emergency, units are easily located and activated.

ADA Compliance: When installed at recommended mounting heights, units comply with ADA requirements for

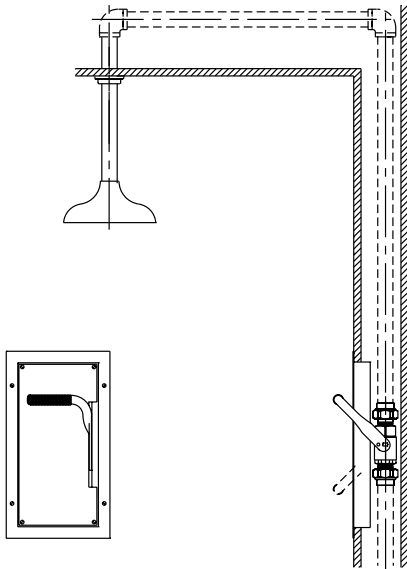
accessibility by handicapped persons (maximum height and reach, minimum knee clearance and distance from obstructions).

Certification: All ColorTech safety equipment is third-party certified to meet the requirements of ANSI Z358.1 - 1998 ("Emergency Eye Wash and Shower Equipment").

Finish: Units are supplied with a powder coated finish on all exposed brass components. Specify finish when ordering: white, gray, tan, polished chrome with clear epoxy or satin chrome with clear epoxy.

CTESBF670

Recessed Emergency Shower



Installation: Handicapped accessible emergency shower. Shower valve and actuator are mounted in wall to eliminate overhead pull rod.

Shower Head: 8" diameter cast brass. Furnished with vertical supply pipe and ceiling escutcheon for mounting shower head at desired height below finished ceiling.

Shower Valve: 1" IPS brass stay-open ball valve with stainless steel "panic bar". Pulling bar down activates shower; shower remains in operation until bar is returned to original closed position. Furnished with stainless steel access panel and 1" IPS unions for valve.

Supply: 1" IPS female inlet.

Sign: ANSI-compliant identification sign.

U.S. Patent: 5,768,721

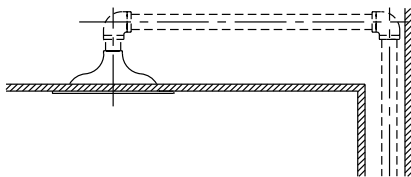
Available Options:

AP280-220 Electric Light and Alarm Horn. Flashing light is mounted on wall above unit. Alarm horn is recess mounted in wall next to light. Light is illuminated and horn sounds when shower is activated. See page 87 for complete information.

AP3800 Thermostatic Mixing Valve. Mixing valve precisely blends hot and cold water to deliver warm (tepid) water to emergency shower as required by ANSI Z358.1 - 1998. Warm water prevents possibility of thermal shock. See page 86 for complete information.

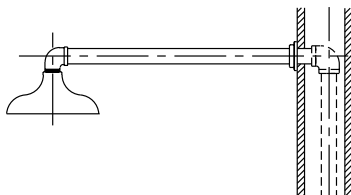
CTESBF671

Same as above except with recess mounted shower head.



CTESBF672

Same as above except with wall mounted shower head.





Application: Deluge showers for full rinsing of body.

ADA Compliance: Units with a "BF" model number, when installed at recommended mounting heights, comply with ADA requirements for accessibility by handicapped persons (maximum height and reach, minimum knee clearance and distance from obstructions).

Certification: All ColorTech safety equipment is third-party certified to meet the requirements of ANSI Z358.1 - 1998 ("Emergency Eye Wash and Shower Equipment").

Finish: Units are supplied with a powder coated finish on all exposed brass components. Specify finish when ordering: white, gray, tan, polished chrome with clear epoxy or satin chrome with clear epoxy.

Shower Head: 8" diameter cast brass.

Valve: 1" IPS brass stay-open ball valve with stainless steel actuating arm and pull rod.

Pipe and Fittings: 1" IPS brass.

Supply: 1" IPS female inlet.

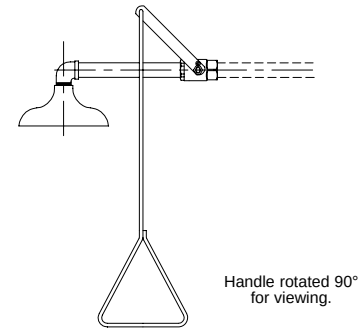
Sign: ANSI-compliant identification sign.

Additional Model:

CTESBF647 Same as above except with dimensions to comply with ADA requirements for handicapped accessibility.

CTES647

*Emergency Shower,
Horizontal/Wall Mounted*



Shower Head: 10" diameter cast brass with flange for flush mounting in ceiling.

Valve: 1" IPS brass stay-open ball valve with stainless steel actuating arm, pull rod and ceiling guide plate.

Pipe and Fittings: 1" IPS brass.

Supply: 1" IPS female inlet.

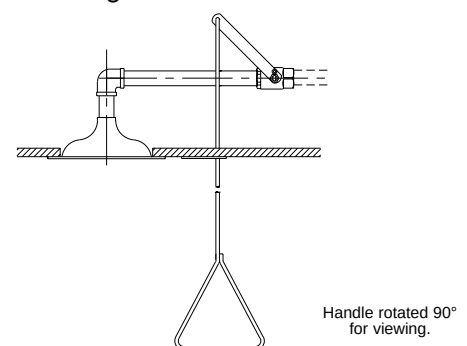
Sign: ANSI-compliant identification sign.

Additional Model:

CTESBF629 Same as above except with dimensions to comply with ADA requirements for handicapped accessibility.

CTES629

*Emergency Shower,
Ceiling Mounted*



Shower Head: 8" diameter cast brass. Furnished with vertical supply pipe and ceiling escutcheon.

Valve: 1" IPS brass stay-open ball valve with stainless steel actuating arm, pull rod and ceiling guide plate.

Pipe and Fittings: 1" IPS brass.

Supply: 1" IPS female inlet.

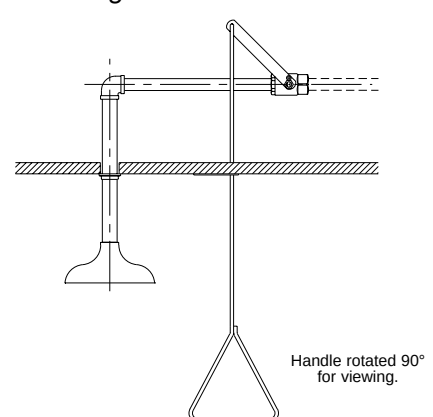
Sign: ANSI-compliant identification sign.

Additional Model:

CTESBF658 Same as above except with dimensions to comply with ADA requirements for handicapped accessibility.

CTES658

*Emergency Shower,
Ceiling Mounted*



Available Options:

AP3800 Thermostatic Mixing Valve. Mixing valve precisely blends hot and cold water to deliver warm (tepid) water to emergency shower as required by ANSI Z358.1 - 1998. Warm water prevents possibility of thermal shock. See page 86 for complete information.

Application: Emergency eye/face wash for complete rinsing of eyes and face.

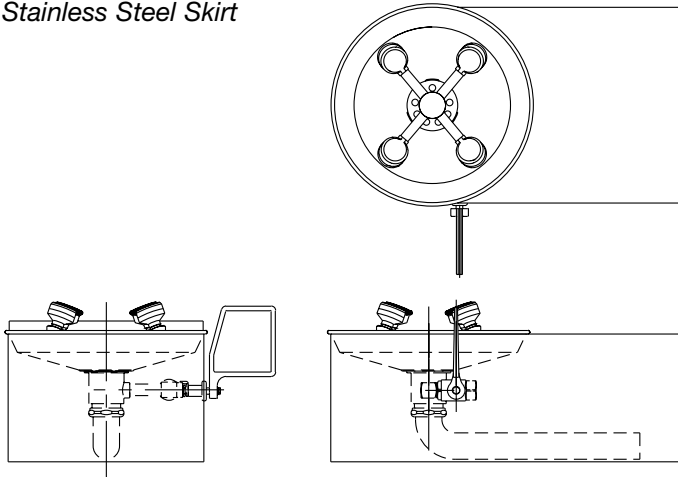
ADA Compliance: Units with a "BF" model number, when installed at recommended mounting heights, comply with ADA requirements for accessibility by handicapped persons (maximum height and reach, minimum knee clearance and distance from obstructions).

Certification: All ColorTech safety equipment is third-party certified to meet the requirements of ANSI Z358.1 - 1998 ("Emergency Eye Wash and Shower Equipment").

Finish: Units are supplied with a powder coated finish on all exposed brass components. Specify finish when ordering: white, gray, tan, polished chrome with clear epoxy or satin chrome with clear epoxy.

CTFE721

*Eye/Face Wash,
Wall Mounted,
Stainless Steel Skirt*



Outlet Head Assembly: Four 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 stay-open ball valve with flag handle.

Bowl: 11-1/2" stainless steel with wraparound skirt. Bowl is lowered and extended for handicapped accessibility.

Mounting: Bowl and skirt unit has welded stainless steel bracket for wall mounting.

Supply: 1/2" IPS female inlet.

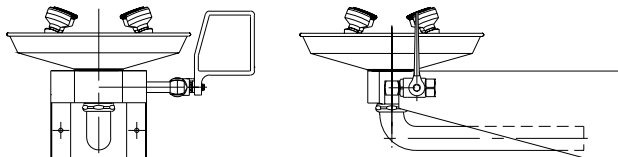
Waste: 1-1/2" OD brass tube.

Sign: ANSI-compliant identification sign.

Quality Assurance: Unit is completely assembled and water tested prior to shipment.

CTFE724

*Eye/Face Wash,
Wall Mounted*



Outlet Head Assembly: Four 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 stay-open ball valve with flag handle.

Bowl: 11-1/2" stainless steel. Bowl is lowered and extended for handicapped accessibility.

Mounting: Welded stainless steel bracket for wall mounting.

Supply: 1/2" IPS female inlet.

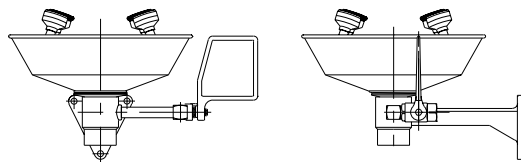
Waste: 1-1/2" OD brass tube.

Sign: ANSI-compliant identification sign.

Quality Assurance: Unit is completely assembled and water tested prior to shipment.

CTFE724

*Eye/Face Wash,
Wall Mounted*



Outlet Head Assembly: Four 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 stay-open ball valve with flag handle.

Bowl: 11-1/2" stainless steel.

Mounting: Heavy duty cast aluminum wall bracket.

Supply: 1/2" IPS female inlet.

Waste: 1-1/4" IPS female outlet.

Sign: ANSI-compliant identification sign.

Quality Assurance: Unit is completely assembled and water tested prior to shipment.

Available Options:

AP3600 Thermostatic Mixing Valve. Mixing valve precisely blends hot and cold water to deliver warm (tepid) water to eye/face wash as required by ANSI Z358.1 - 1998. Warm water prevents possibility of thermal shock. See page 86 for complete information.



Application: Emergency eye/face wash for complete rinsing of eyes and face.

Certification: All ColorTech safety equipment is third-party certified to meet the

requirements of ANSI Z358.1 - 1998 ("Emergency Eye Wash and Shower Equipment").

Finish: Units are supplied with a powder coated finish on all exposed brass components. Specify finish when ordering: white, gray, tan, polished chrome with clear epoxy or satin chrome with clear epoxy.

Outlet Head Assembly: Two FS-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 stay-open ball valve. Valve has mechanical linkage to outlet head assembly; swinging head assembly from storage to operational position activates valve. Unit remains in operation until head assembly is returned to storage position.

Additional Model:

CTFE774LH Same as above except unit mounts on left hand side of sink.

Mounting: Unit mounts on countertop on right hand side of sink. Furnished with threaded studs and hardware for securing unit to counter.

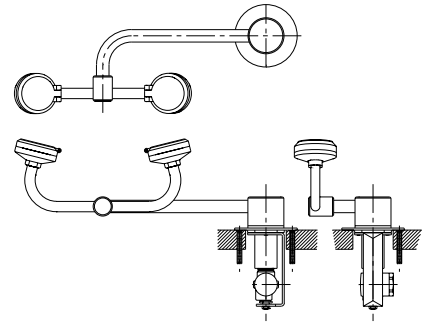
Supply: 1/2" IPS female inlet.

Sign: ANSI-compliant identification sign.

Quality Assurance: Unit is completely assembled and water tested prior to shipment.

CTFE774

*Eye/Face Wash,
Deck Mounted Swivel,
"Auto Flow"*



Outlet Head Assembly: Two FS-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 stay-open ball valve with flag handle.

Mounting: Unit mounts on countertop on right hand side of sink. Outlet heads swivel 90 degrees from storage to operational position.

Additional Model:

CTFE775LH Same as above except unit mounts on left hand side of sink.

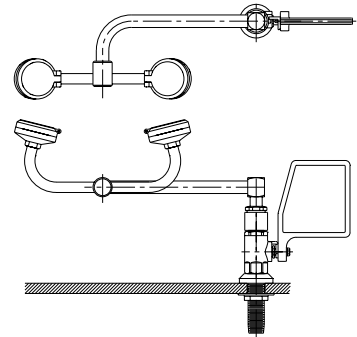
Supply: 1/2" IPS male inlet. Furnished with locknut and washer for securing unit to countertop.

Sign: ANSI-compliant identification sign.

Quality Assurance: Unit is completely assembled and water tested prior to shipment.

CTFE775

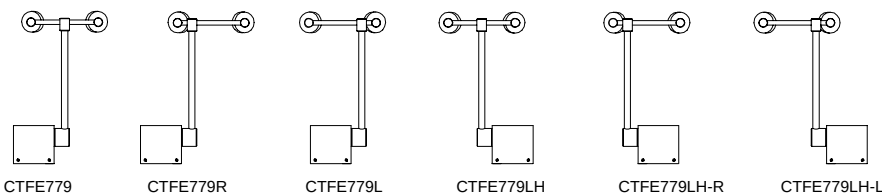
*Eye/Face Wash,
Deck Mounted Swivel*



Outlet Head Assembly: Two FS-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 stay-open ball valve. Valve has mechanical linkage to outlet head assembly; swinging head assembly down from vertical to horizontal position activates valve. Unit remains in operation until head assembly is returned to vertical position.

Configurations:



Mounting: Unit mounts on countertop behind sink. Furnished with all hardware necessary for securing unit to counter.

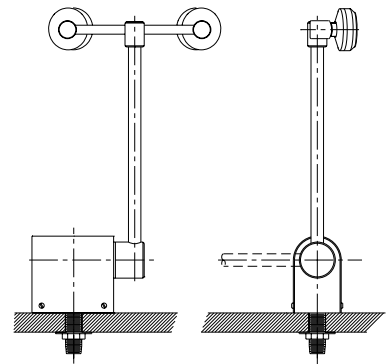
Supply: 1/2" IPS male inlet.

Sign: ANSI-compliant identification sign.

Quality Assurance: Unit is completely assembled and water tested prior to shipment.

CTFE779

*Eye/Face Wash,
Deck Mounted Swing-Down,
"Auto Flow"*



Available Options:

AP3600 Thermostatic Mixing Valve. Mixing valve precisely blends hot and cold water to deliver warm (tepid) water to eye/face wash as required by ANSI Z358.1 - 1998. Warm water prevents possibility of thermal shock. See page 86 for complete information.

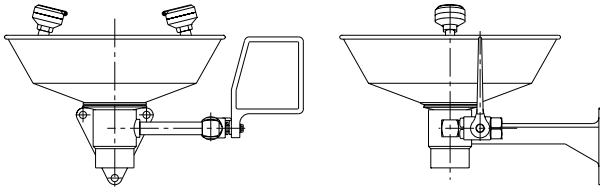
Application: Emergency eye wash units for rinsing of user's eyes.

Certification: All ColorTech safety equipment is third-party certified to meet the requirements of ANSI Z358.1 - 1998 ("Emergency Eye Wash and Shower Equipment").

Finish: Units are supplied with a powder coated finish on all exposed brass components. Specify finish when ordering: white, gray, tan, polished chrome with clear epoxy or satin chrome with clear epoxy.

CTEW814

*Eye Wash,
Wall Mounted*



Outlet 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 stay-open ball valve with flag handle.

Bowl: 11-1/2" stainless steel.

Mounting: Heavy duty cast aluminum wall bracket.

Supply: 1/2" IPS female inlet.

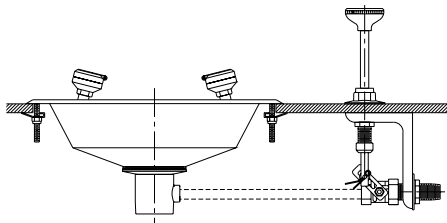
Waste: 1-1/4" IPS female outlet.

Sign: ANSI-compliant identification sign.

Quality Assurance: Unit is completely assembled and water tested prior to shipment.

CTEW810

*Eye Wash,
Deck Mounted*



Outlet 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 stay-open butterfly valve activated by push-down knob. Valve is mounted on bracket for concealed installation below counter.

Bowl: 13" flanged stainless steel bowl for recessed mounting in countertop. Furnished with all hardware necessary for installation.

Supply: 1/2" IPS male inlet.

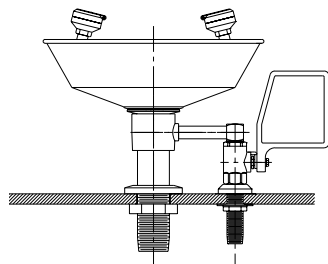
Waste: 1-1/4" IPS female outlet.

Sign: ANSI-compliant identification sign.

Quality Assurance: Bowl unit with outlet heads and valve assembly are factory assembled and water tested prior to shipment.

CTEW822

*Eye Wash,
Deck Mounted*



Outlet 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 stay-open ball valve with flag handle.

Bowl: 11-1/2" stainless steel.

Mounting: Furnished with all hardware necessary for installation on countertop.

Supply: 1/2" IPS male inlet.

Waste: 1-1/4" IPS male outlet.

Sign: ANSI-compliant identification sign.

Quality Assurance: Unit is completely assembled and water tested prior to shipment.

Available Options:

AP3600 Thermostatic Mixing Valve. Mixing valve precisely blends hot and cold water to deliver warm (tepid) water to eye wash as required by ANSI Z358.1 - 1998. Warm water prevents possibility of thermal shock. See page 86 for complete information.



Application: Emergency eye wash units for rinsing of user's eyes.

Certification: All ColorTech safety equipment is third-party certified to meet

the requirements of ANSI Z358.1 - 1998 ("Emergency Eye Wash and Shower Equipment").

Finish: Units are supplied with a powder coated finish on all exposed brass components. Specify finish when ordering: white, gray, tan, polished chrome with clear epoxy or satin chrome with clear epoxy.

Outlet Head Assembly: Two GS-Plus spray heads. Each spray head has a "flip top" dust cover, internal flow control and filter to remove impurities from the water flow.

Valve: 1/2" IPS brass stay-open ball valve. Valve has mechanical linkage to outlet head assembly; swinging head assembly from storage to operational position activates valve. Unit remains in operation until head assembly is returned to storage position.

Additional Model:

CTEW805LH Same as above except unit mounts on left hand side of sink.

Mounting: Unit mounts on countertop on right hand side of sink. Furnished with threaded studs and hardware for securing unit to counter.

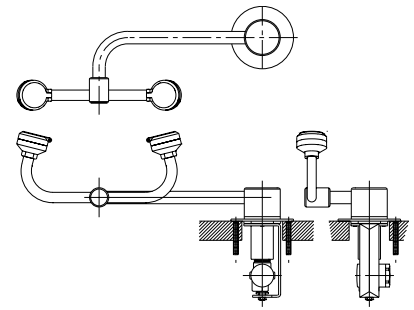
Supply: 1/2" IPS female inlet.

Sign: ANSI-compliant identification sign.

Quality Assurance: Unit is completely assembled and water tested prior to shipment.

CTEW805

*Eye Wash,
Deck Mounted Swivel,
"Auto Flow"*



Outlet Head Assembly: Two GS-Plus spray heads. Each spray head has a "flip top" dust cover, internal flow control and filter to remove impurities from the water flow.

Valve: 1/2" IPS brass stay-open ball valve with flag handle.

Mounting: Unit mounts on countertop on right hand side of sink. Outlet heads swivel 90 degrees from storage to operational position.

Additional Model:

CTEW806LH Same as above except unit mounts on left hand side of sink.

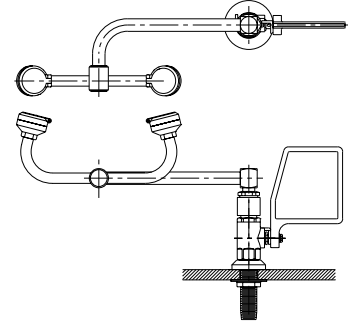
Supply: 1/2" IPS male inlet. Furnished with locknut and washer for securing unit to countertop.

Sign: ANSI-compliant identification sign.

Quality Assurance: Unit is completely assembled and water tested prior to shipment.

CTEW806

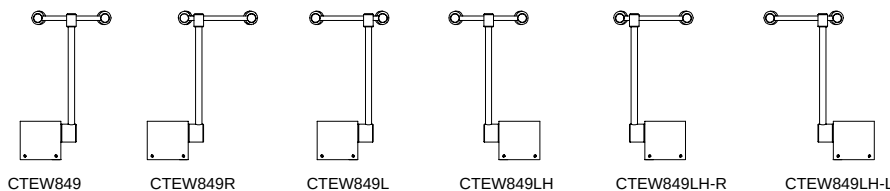
*Eye Wash,
Deck Mounted Swivel*



Outlet Head Assembly: Two GS-Plus spray heads. Each spray head has a "flip top" dust cover, internal flow control and filter to remove impurities from the water flow.

Valve: 1/2" IPS brass stay-open ball valve. Valve has mechanical linkage to outlet head assembly; swinging head assembly down from vertical to horizontal position activates valve. Unit remains in operation until head assembly is returned to vertical position.

Configurations:



Mounting: Unit mounts on countertop behind sink. Furnished with all hardware necessary for securing unit to counter.

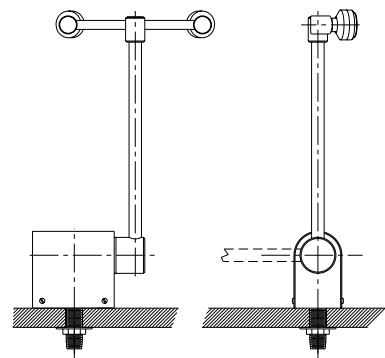
Supply: 1/2" IPS male inlet.

Sign: ANSI-compliant identification sign.

Quality Assurance: Unit is completely assembled and water tested prior to shipment.

CTEW849

*Eye Wash,
Deck Mounted Swing-Down,
"Auto Flow"*



Available Options:

AP3600 Thermostatic Mixing Valve. Mixing valve precisely blends hot and cold water to deliver warm (tepid) water to eye wash as required by ANSI Z358.1 - 1998. Warm water prevents possibility of thermal shock. See page 86 for complete information.

Application: Dual purpose eye wash/drench hose units meet the requirements of ANSI Z358.1 as both an eye wash and a drench hose. Units may be left in the holder for use as a fixed eye wash. The valve has a locking clip, leaving the user's hands free during operation.

Or, units may be removed from the holder for use as a drench hose to rinse any part of the user's eyes, face or body.

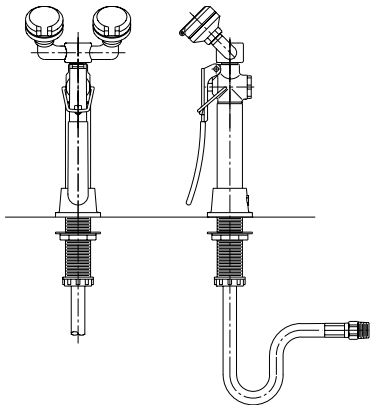
Certification: All ColorTech safety equipment is third-party certified to meet the requirements of ANSI Z358.1 - 1998

("Emergency Eye Wash and Shower Equipment").

Finish: Units are supplied with a powder coated finish on all exposed brass components. Specify finish when ordering: white, gray, tan, polished chrome with clear epoxy or satin chrome with clear epoxy.

CTEW1022

*Eye Wash/Drench Hose,
Deck Mounted*



Outlet Head Assembly: Two GS-Plus spray heads mounted side-by-side. Each spray 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 locking clip which 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 rated working pressure.

Mounting: Deck flange for countertop mounting. Flange has handle locator guide to assure that spray heads and handle face forward at all times.

Supply: 3/8" IPS male swivel-type inlet.

Sign: ANSI-compliant identification sign.

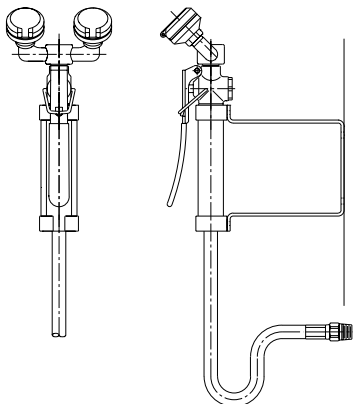
Quality Assurance: Unit is completely assembled and water tested prior to shipment.

Additional Models:

CTEW1022BP Same as above except with backflow preventer.

CTEW1026

*Eye Wash/Drench Hose,
Wall Mounted*



Outlet Head Assembly: Two GS-Plus spray heads mounted side-by-side. Each spray 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 locking clip which 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 rated working pressure.

Mounting: Bracket with spring clips to hold unit on wall. Clips assure that spray heads and handle face forward at all times.

Supply: 3/8" IPS male swivel-type inlet.

Sign: ANSI-compliant identification sign.

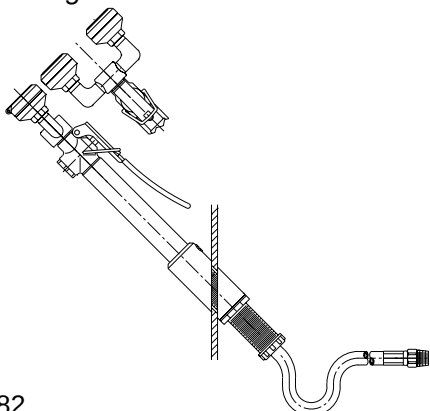
Quality Assurance: Unit is completely assembled and water tested prior to shipment.

Additional Models:

CTEW1026BP Same as above except with backflow preventer.

CTEW1041

*Eye Wash/Drench Hose,
45 Degree Panel Mounted*



Outlet Head Assembly: Two GS-Plus spray heads mounted side-by-side. Each spray 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 locking clip which 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 rated working pressure.

Mounting: 45 degree angle flange for panel mounting. Flange has handle locator guide to assure that spray heads and handle are positioned correctly at all times.

Supply: 3/8" IPS male swivel-type inlet.

Sign: ANSI-compliant identification sign.

Quality Assurance: Unit is completely assembled and water tested prior to shipment.

Additional Models:

CTEW1041BP Same as above except with backflow preventer.



Drench Hose Units

Application: Drench hose units to rinse any part of a user's eyes, face or body. They are intended to provide supplemental protection, supporting dedicated eye wash and shower equipment.

Certification: All ColorTech safety equipment is third-party certified to meet the requirements of ANSI Z358.1-1998 ("Emergency Eye Wash and Shower Equipment").

Finish: Units are supplied with a powder coated finish on all exposed brass components. Specify finish when ordering: white, gray, tan, polished chrome with clear epoxy or satin chrome with clear epoxy.

Outlet Head: Single FS-Plus spray head. Spray head has "flip top" dust cover, internal flow control and filter to remove impurities from water.

Valve: Forged brass squeeze valve activated by stainless steel lever handle. Valve closes when handle is released.

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

Additional Models:

CTEW1020BP Same as above except with backflow preventer.

Mounting: Deck flange for countertop mounting.

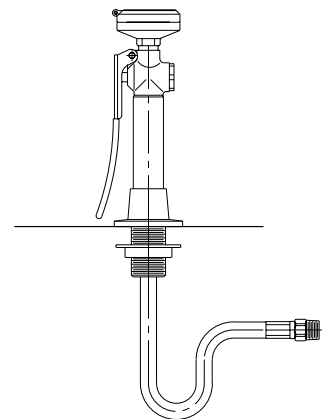
Supply: 3/8" IPS male swivel-type inlet.

Sign: ANSI-compliant identification sign.

Quality Assurance: Unit is completely assembled and water tested prior to shipment.

CTEW1020

Drench Hose, Deck Mounted



Outlet Head: Single FS-Plus spray head. Spray head has "flip top" dust cover, internal flow control and filter to remove impurities from water.

Valve: Forged brass squeeze valve activated by stainless steel lever handle. Valve closes when handle is released.

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

Additional Models:

CTEW1025BP Same as above except with backflow preventer.

Mounting: Wall mounted hook holds unit on wall.

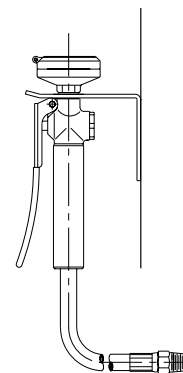
Supply: 3/8" IPS male swivel-type inlet.

Sign: ANSI-compliant identification sign.

Quality Assurance: Unit is completely assembled and water tested prior to shipment.

CTEW1025

Drench Hose, Wall Mounted



Outlet Head: Single FS-Plus spray head. Spray head has "flip top" dust cover, internal flow control and filter to remove impurities from water.

Valve: 1/2" IPS brass stay-open ball valve with flag handle.

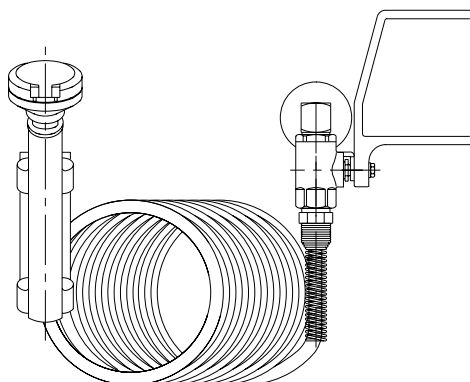
Hose: 12' nylon recoiling hose. 180 PSI maximum rated working pressure.

Mounting: Bracket with spring clips to mount unit on wall. Angled bracket holds spray head positioned for use.

Supply: 3/8" IPS female inlet.

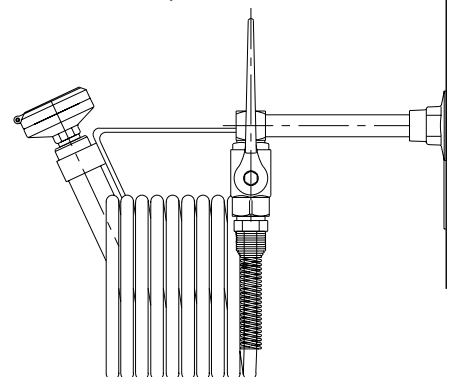
Sign: ANSI-compliant identification sign.

Quality Assurance: Unit is completely assembled and water tested prior to shipment.



CTEW1018

Drench Hose, Wall Mounted



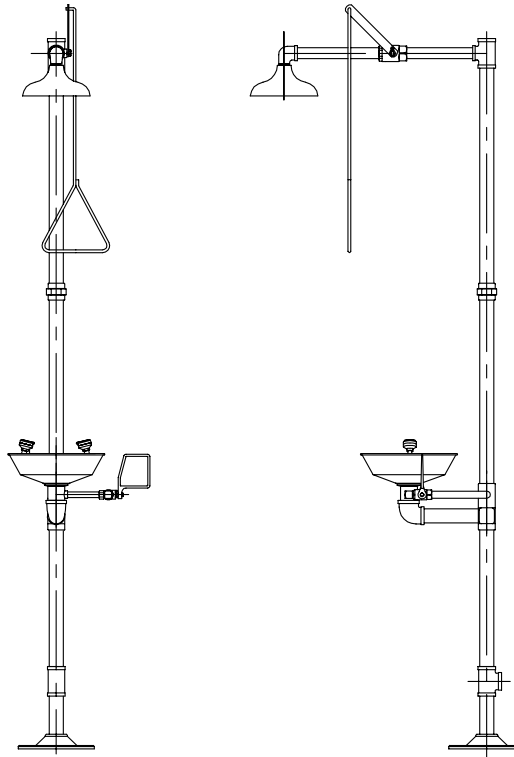
Application: Safety stations provide complete personal protection in a single installation. Units have an overhead shower and either an eye or eye/face wash.

Certification: All ColorTech safety equipment is third-party certified to meet the requirements of ANSI Z358.1-1998 ("Emergency Eye Wash and Shower Equipment").

Finish: Units are supplied with a powder coated finish on all exposed brass components. Specify finish when ordering: white, gray, tan, polished chrome with clear epoxy or satin chrome with clear epoxy.

CTSS912

*Safety Station,
Eye Wash and Shower*



Shower Head: 8" diameter cast brass.

Shower Valve: 1" IPS brass stay-open ball valve with stainless steel actuating arm and pull rod.

Outlet Head Assembly: Two GS-Plus spray heads. Each spray head has a "flip top" dust cover, internal flow control and filter to remove impurities from water.

Bowl: 11-1/2" stainless steel.

Eye Wash Valve: 1/2" IPS brass stay-open ball valve with flag handle.

Pipe and Fittings: All pipe and fittings are brass.

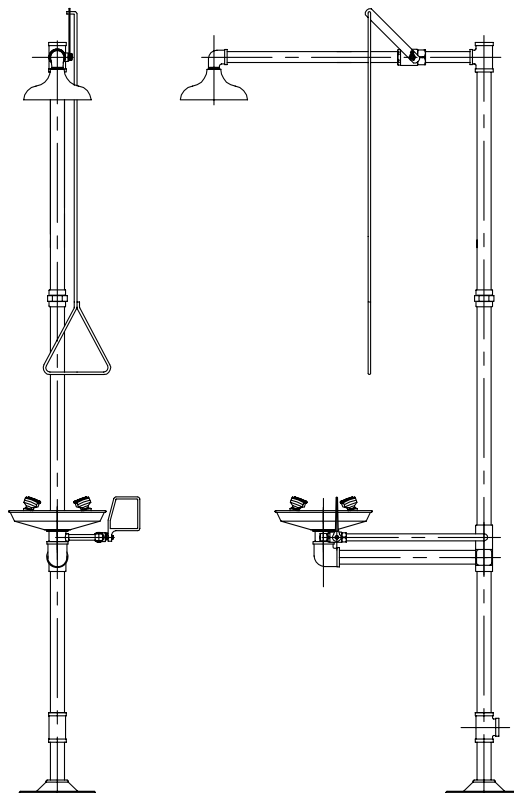
Supply: 1-1/4" IPS female top inlet.

Waste: 1-1/4" IPS female outlet.

Sign: ANSI-compliant identification sign.

CTSSBF919

*Safety Station,
Eye/Face Wash and Shower*



ADA Compliance: Unit complies with ADA requirements for accessibility by handicapped persons.

Shower Head: 8" diameter cast brass.

Shower Valve: 1" IPS brass stay-open ball valve with stainless steel actuating arm and pull rod.

Outlet Head Assembly: Four GS-Plus spray heads. Each spray head has a "flip top" dust cover, internal flow control and filter to remove impurities from water.

Bowl: 11-1/2" stainless steel.

Eye/Face Wash Valve: 1/2" IPS brass stay-open ball valve with flag handle.

Pipe and Fittings: All pipe and fittings are brass.

Supply: 1-1/4" IPS female top inlet.

Waste: 1-1/4" IPS female outlet.

Sign: ANSI-compliant identification sign.





Accessories: Faucet-Mounted Eye Washes

Application: For installation on laboratory faucets to provide supplemental protection to lab workers. Units do not interfere with normal faucet operation.

Finish: Units are supplied with a powder coated finish on all exposed brass components. Specify finish when ordering: white, gray, tan, polished chrome with clear epoxy or satin chrome with clear epoxy.

Important: Faucet-mounted eye washes require two motions to activate unit (turn on faucet, pull knob). Therefore, WaterSaver does not believe that these units are adequate or acceptable substitutes for dedicated, plumbed-in eye wash equipment. WaterSaver offers these units solely as supplemental units for secondary protection. Users of faucet-mounted eye washes should be instructed to use cold water only with this type of unit. Use of hot water may cause scalding.

Outlet Heads: Aerated outlet heads mounted 3" apart. Heads angle forward toward user. Angle of heads is adjustable to permit full coverage and avoid splashing. Furnished with float off dust covers to protect heads.

Valve: Forged brass diverter valve. Pull knob to activate eye wash; water pressure holds eye wash in operation, leaving user's hands free. Push knob or turn off faucet to return to normal faucet operation.

Inlet: 3/8" IPS male inlet for installation on WaterSaver ColorTech laboratory faucets.

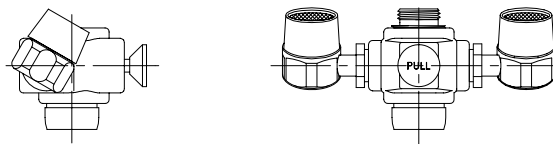
Outlet: Furnished with removable aerator on bottom. Adapter with 3/8" IPS female thread (for installing serrated hose end or other lab outlets) is also included.

Quality Assurance: Each unit is completely assembled and water tested prior to shipment.

CTEW100

EyeSafe

Faucet-Mounted Eye Wash



Outlet Heads: Aerated outlet heads mounted 5" apart. Heads angle forward and inward toward user. Angle of heads is adjustable to permit full coverage and avoid splashing. Furnished with float off dust covers to protect heads.

Valve: Forged brass diverter valve. Pull knob to activate eye wash; water pressure holds eye wash in operation, leaving user's hands free. Push knob or turn off faucet to return to normal faucet operation.

Inlet: 3/8" IPS male inlet for installation on WaterSaver ColorTech laboratory faucets.

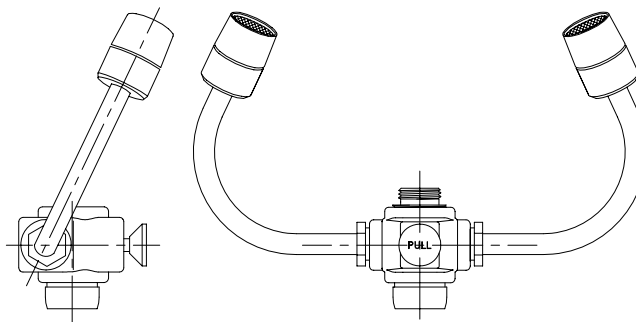
Outlet: Furnished with removable aerator on bottom. Adapter with 3/8" IPS female thread (for installing serrated hose end or other lab outlets) is also included.

Quality Assurance: Each unit is completely assembled and water tested prior to shipment.

CTEW101

EyeSafe-X

Faucet-Mounted Eye Wash



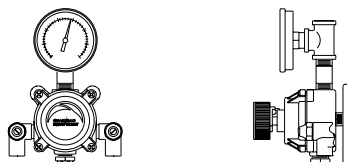
Application: Thermostatic mixing valves blend hot and cold water supply to achieve a tepid (warm) temperature as required by ANSI Z358.1 - 1998.

Warning: It is the responsibility of the specifier to determine the optimum delivered water temperature to each safety fixture. A comfortable range is 60°F to 90°F (15°C to 32°C). In circumstances where a

chemical reaction is affected by water temperature, a medical expert should be consulted for the optimum temperature for each application.

AP3600

Thermostatic Mixing Valve
For Eye Wash Units



Application: Thermostatic mixing valve for emergency eye wash, dual purpose eye wash/drench hose and drench hose units. Valve has 0.5 to 6.5 gallons per minute (GPM) flow rate.

Temperature Control: Valve has bimetallic thermostat that is preset at 85° F (29° C). High temperature limit stop is set at 90° F (32° C). Valve has thermometer on outlet to monitor delivered water temperature.

Fail Safe: In event of loss of hot water supply, internal bypass allows valve to

deliver cold water to safety unit. In event of loss of cold water, valve will close and not deliver any water at all.

Mounting: Heavy duty mounting bracket for securing to panel or wall.

Inlets: 1/2" copper female bottom inlets with integral checkstops and strainers. Minimum supply pressure required is 30 PSI.

Outlet: 1/2" IPS threaded female outlet.

Quality Assurance: Valve is completely assembled and water tested prior to shipment.

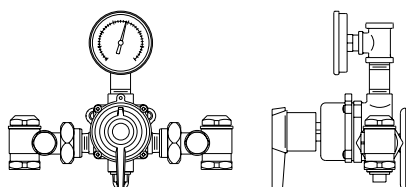
Additional Models:

AP3601 Same as above except mounted in white enamel-coated steel cabinet.

AP3602 Same as above except mounted in stainless steel cabinet.

AP3700

Thermostatic Mixing Valve
For Multiple Eye Washes



Application: Thermostatic mixing valve for multiple eye washes, dual purpose eye wash/drench hoses and drench hose units. Valve has 3.0 to 18 gallons per minute (GPM) flow rate.

Temperature Control: Valve has bimetallic thermostat that is preset at 85° F (29° C). High temperature limit stop is set at 90° F (32° C). Valve has thermometer on outlet to monitor delivered water temperature.

Fail Safe: In event of loss of hot water supply, internal bypass allows valve to deliver cold water to safety units.

In event of loss of cold water, valve will close and not deliver any water at all.

Mounting: Heavy duty mounting bracket for securing to panel or wall.

Inlets: 3/4" IPS female inlets with integral checkstops and strainers. Union connections permit valve to be installed with supplies from top, bottom or rear. Minimum supply pressure required is 30 PSI.

Outlet: 3/4" IPS female outlet.

Quality Assurance: Valve is completely assembled and water tested prior to shipment.

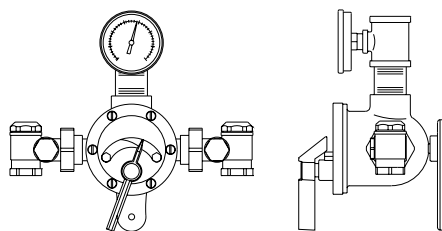
Additional Models:

AP3701 Same as above except mounted in white enamel-coated steel cabinet.

AP3702 Same as above except mounted in stainless steel cabinet.

AP3800

Thermostatic Mixing Valve
For Emergency Showers and
Safety Stations



Application: Thermostatic mixing valve for emergency shower and combination station. Valve has 3.0 to 53 gallons per minute (GPM) flow rate.

Temperature Control: Valve has bimetallic thermostat that is preset at 85° F (29° C). High temperature limit stop is set at 90° F (32° C). Valve has thermometer on outlet to monitor delivered water temperature.

Fail Safe: In event of loss of hot water supply, internal bypass allows valve to deliver cold water to safety units.

In event of loss of cold water, valve will close and not deliver any water at all.

Mounting: Heavy duty mounting bracket for securing to panel or wall.

Inlets: 1" IPS female inlets with integral checkstops and strainers. Union connections permit valve to be installed with supplies from top, bottom or rear. Minimum supply pressure required is 30 PSI.

Outlet: 1-1/4" IPS female outlet.

Quality Assurance: Valve is completely assembled and water tested prior to shipment.

Additional Models:

AP3801 Same as above except mounted in white enamel-coated steel cabinet.

AP3802 Same as above except mounted in stainless steel cabinet.

Application: Audible and visual alarms serve to summon assistance in event of emergency. Alarms may be furnished either with or without remote signaling capability for wiring to a monitoring system.

Application: For installation on free-standing combination station or wall adjacent to safety equipment.

Visual Signal: Red flashing beacon light with shatter resistant lens.

Audible Signal: Vibrating horn delivers a distinctive, urgent signal. Volume is factory set at 103 db at 10 feet. An adjustment screw on the front of horn allows output sound adjustment.

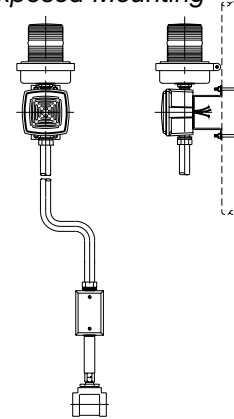
Actuation: Alarm is activated by flow switch installed in water line. Flow switch is mounted in 1-1/4" IPS brass tee.

Mounting: Unit includes a mounting bracket and hardware for installation on vertical pipe or wall.

Quality Assurance: Unit is completely wired and factory tested prior to shipment.

AP275-200

*Audible/Visual Alarm,
Exposed Mounting*



Additional Model:

AP275-205 Same as above except with additional leads for remote signaling.

Application: For installation with recessed laboratory units. Alarm components are installed on finished wall.

Visual Signal: Red flashing beacon light with shatter resistant lens.

Audible Signal: Vibrating horn delivers a distinctive, urgent signal. Volume is factory set at 103 db at 10 feet. An adjustment screw on the front of horn allows output sound adjustment.

Actuation: Alarm is activated by flow switch installed in water line. Flow switch is mounted in 1" IPS brass tee.

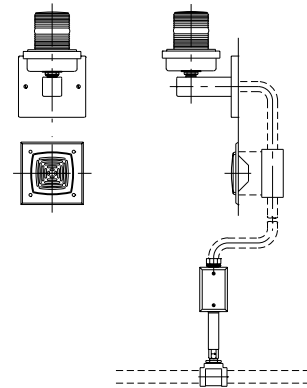
Mounting: Unit includes a mounting bracket for blinking light and electrical box with trim plate for horn.

Quality Assurance: All components are factory tested prior to shipment.

Note: This unit must be wired in field.

AP280-220

*Audible/Visual Alarm,
Recessed Mounting*



Additional Model:

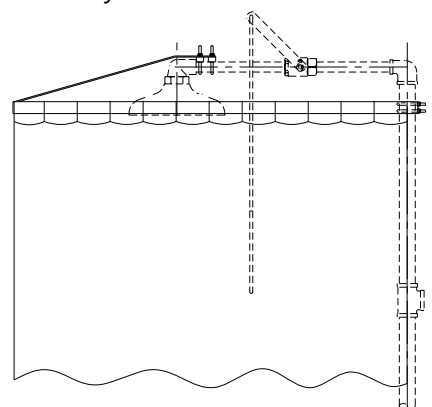
AP280-225 Same as above except with additional leads for remote signaling.

Application: Provides privacy for user when contaminated clothing must be removed. Complete with white vinyl curtain with tie straps and pocket for storing smock.

Installation: Welded stainless steel track assembly is mounted to shower arm and vertical stanchion with brackets. Furnished complete with all necessary hardware for installation on standard safety station.

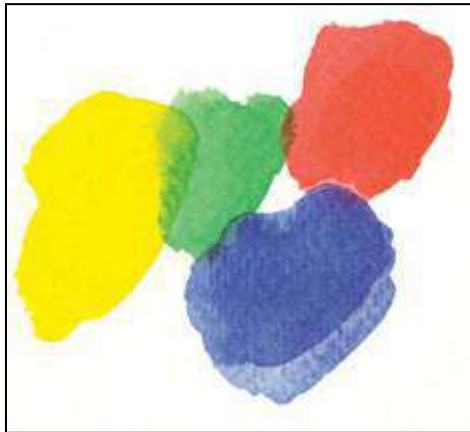
AP250-015

Modesty Curtain



Additional Model:

APBF250-015 Same as above except for use on barrier-free safety station.



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