

ACCESSORIES AND PARTS

987-FCP

T-1 (987F-CP WALL FLANGE)



Product Type

Y Pattern Wall Flange with Two Outlets @ 90°

Features & Specifications

- 3/8" NPT Female Thread Inlet
- (2) 3/8" NPT Female Thread Outlets

Job Name _____

Item Number _____

Section/Tag _____

Model Specified _____

Architect _____

Engineer _____

Contractor _____

☐ Submitted as Shown ☐ Submitted with Variations

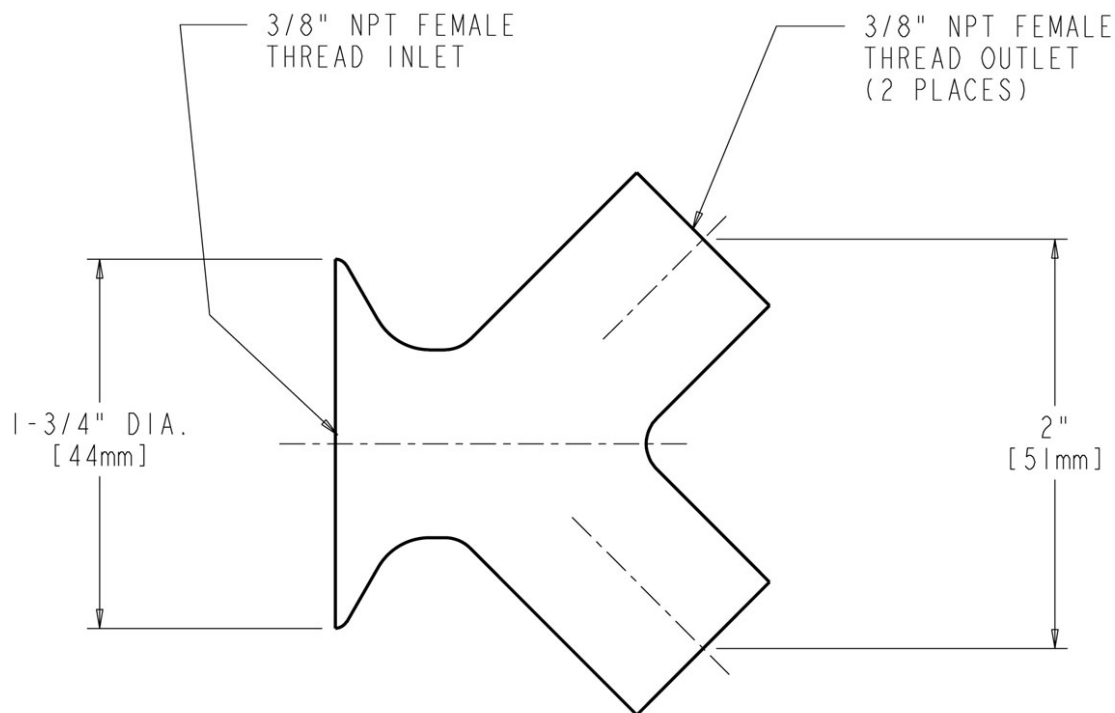
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2100 South Clearwater Drive
Des Plaines, IL
P: 847/803-5000
F: 847/803-5454
Technical: 800/TEC-TRUE
www.chicagofaucets.com

Architect/Engineer Specification

Chicago Faucets No. 987-FCP, Y Pattern Wall Flange with Two Outlets @ 90°, Chrome Plated solid brass construction. 3/8" NPT Female Thread Inlet. (2) 3/8" NPT Female Thread Outlets. .



Operation and Maintenance

Installation should be in accordance with local plumbing codes. Flush all pipes thoroughly before installation. After installation, remove spout outlet or flow control and flush faucet thoroughly to clear any debris. Care should be taken when cleaning the product. Do not use abrasive cleaners, chemicals or solvents as they can result in surface damage. Use mild soap and warm water for cleaning and protecting the life of Chicago Faucet products. For specific operation and maintenance refer to the installation instructions and repair parts documents that are located at www.chicagofaucets.com.

Chicago Faucets, member of the Geberit Group, is the leading brand of commercial faucets and fittings in the United States, offering a complete range of products for schools, laboratories, hospitals, office buildings, food service, airports and sport facilities. Call 1.800.TECTRUE or 1.847.803.5000 Option 1 for installation or other technical assistance.



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MECHANICAL FAUCETS

909-AGVCP

T-1 (909-AGV CP)



Ball Valves

Product Type

Panel Mounted Single Ball Valves Ball Valve

Features & Specifications

- Single Ball Valves
- Full Flow Nozzle
- 3/8" NPT Male Thread Inlet
- May Be Used with Most Laboratory Gases
- 909 Valve is Certified for Gas Service per ANSI Z21.15b-2006/CSA 9.1b-2006 by the Canadian Standards Association
- CFNow! Item Ships in 5 Days

Performance Specification

- Rated Operating Pressure: 0-0.5 PSI

Warranty

- Lifetime Limited Faucet Warranty
- 5-Year Limited Cartridge Warranty
- 1-Year Limited Finish Warranty

Job Name _____

Item Number _____

Section/Tag _____

Model Specified _____

Architect _____

Engineer _____

Contractor _____

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Date _____

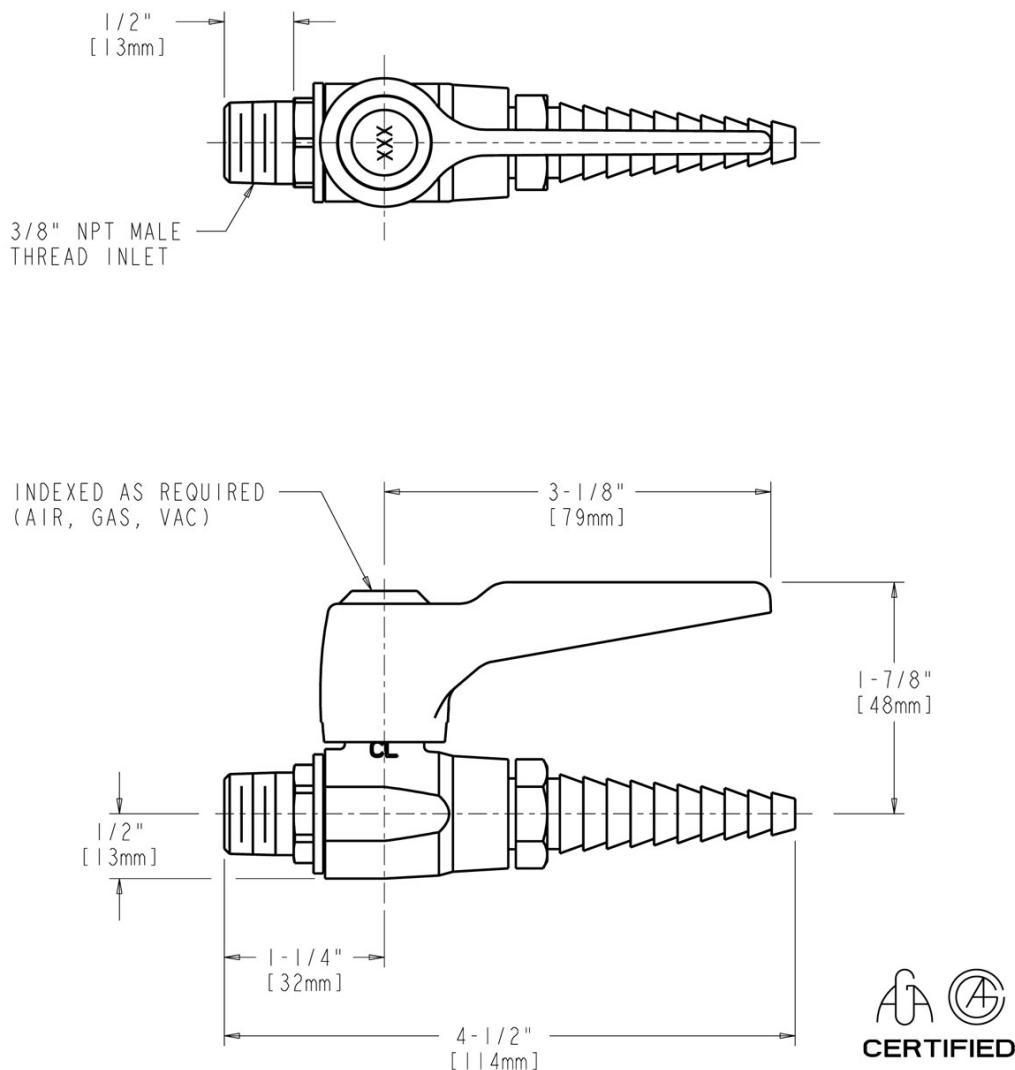


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Ball Valves

Architect/Engineer Specification

Chicago Faucets No. 909-AGVCP, Panel Mounted Single Ball Valves Ball Valve, Chrome Plated solid brass construction. Full Flow Laboratory Serrated Nozzle. 3/8" NPT Male Thread Inlet. May Be Used with Most Laboratory Gases. 909 Valve is Certified for Gas Service per ANSI Z21.15b-2006/CSA 9.1b-2006 by the Canadian Standards Association. .



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ACCESSORIES AND PARTS

987-CP

Product Type

Y Pattern Wall Flange with Two Outlets @ 90°

Features & Specifications

- 3/8" NPT Male Thread Inlet Shank - Shipped Loose
- (2) 3/8" NPT Female Thread Outlets

Job Name _____

Item Number _____

Section/Tag _____

Model Specified _____

Architect _____

Engineer _____

Contractor _____

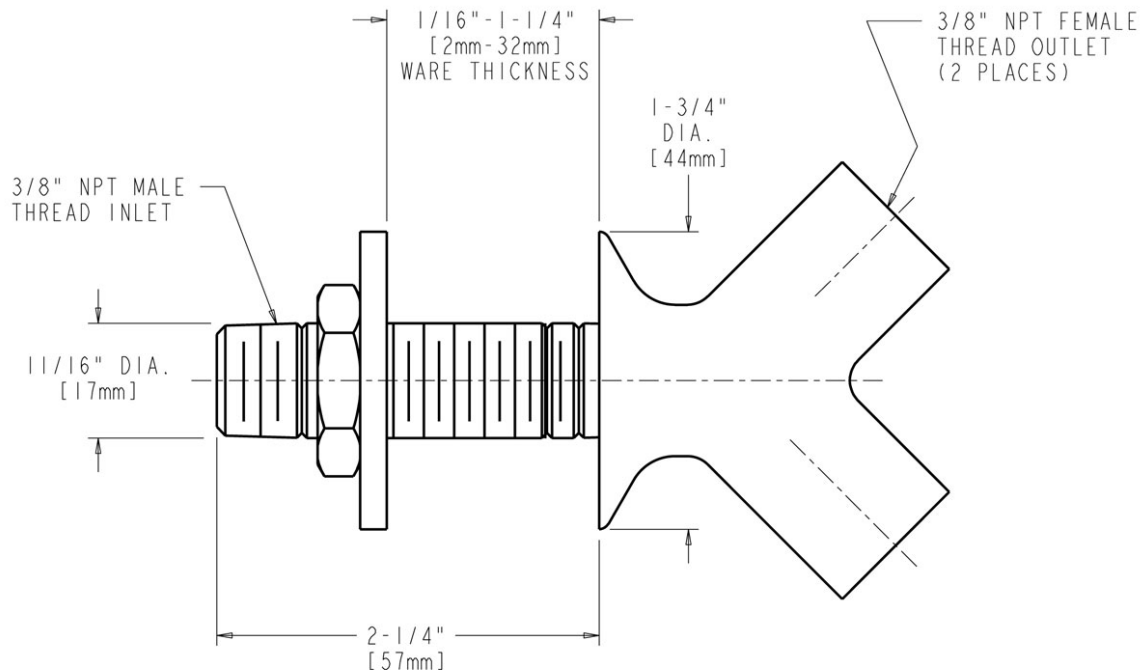
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Architect/Engineer Specification

Chicago Faucets No. 987-CP, Y Pattern Wall Flange with Two Outlets @ 90° , Chrome Plated solid brass construction. 3/8" NPT Male Thread Inlet Shank - Shipped Loose. (2) 3/8" NPT Female Thread Outlets. .



Operation and Maintenance

Installation should be in accordance with local plumbing codes. Flush all pipes thoroughly before installation. After installation, remove spout outlet or flow control and flush faucet thoroughly to clear any debris. Care should be taken when cleaning the product. Do not use abrasive cleaners, chemicals or solvents as they can result in surface damage. Use mild soap and warm water for cleaning and protecting the life of Chicago Faucet products. For specific operation and maintenance refer to the installation instructions and repair parts documents that are located at www.chicagofaucets.com.

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MECHANICAL FAUCETS

909-AGVCP

T-2 (909-AGV CP)
WITH 216-578JKNF GRAY
NITROGEN BUTTON



Ball Valves

Product Type

Panel Mounted Single Ball Valves Ball Valve

Features & Specifications

- Single Ball Valves
- Full Flow Nozzle
- 3/8" NPT Male Thread Inlet
- May Be Used with Most Laboratory Gases
- 909 Valve is Certified for Gas Service per ANSI Z21.15b-2006/CSA 9.1b-2006 by the Canadian Standards Association
- CFNow! Item Ships in 5 Days

Performance Specification

- Rated Operating Pressure: 0-0.5 PSI

Warranty

- Lifetime Limited Faucet Warranty
- 5-Year Limited Cartridge Warranty
- 1-Year Limited Finish Warranty

Job Name _____

Item Number _____

Section/Tag _____

Model Specified _____

Architect _____

Engineer _____

Contractor _____

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909-AGVCP

Ball Valves

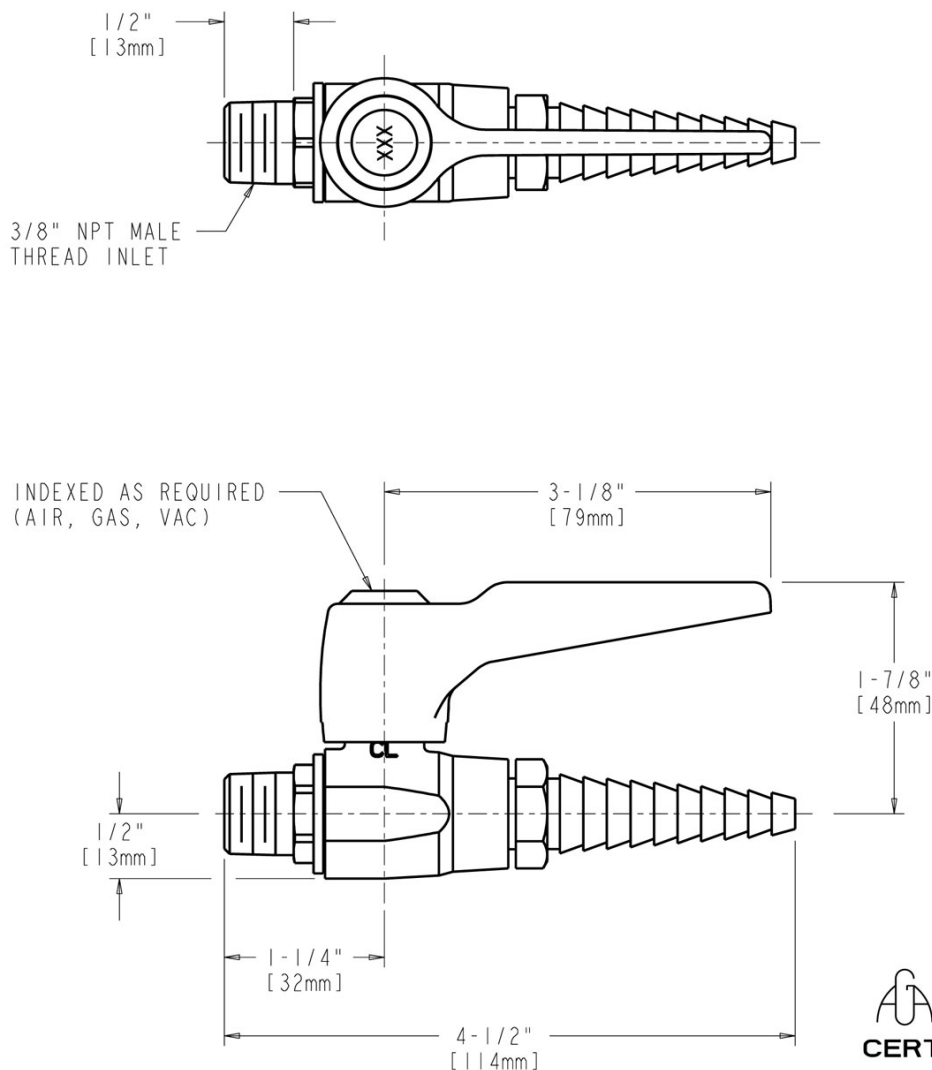
**T-2 (909-AGV CP)
WITH 216-578JKNF GRAY
NITROGEN BUTTON**

**CHICAGO
FAUCETS**

a Geberit company

Architect/Engineer Specification

Chicago Faucets No. 909-AGVCP, Panel Mounted Single Ball Valves Ball Valve, Chrome Plated solid brass construction. Full Flow Laboratory Serrated Nozzle. 3/8" NPT Male Thread Inlet. May Be Used with Most Laboratory Gases. 909 Valve is Certified for Gas Service per ANSI Z21.15b-2006/CSA 9.1b-2006 by the Canadian Standards Association. .



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ACCESSORIES AND PARTS

987-FCP

T-3 (987F-CP WALL FLANGE)



Product Type

Y Pattern Wall Flange with Two Outlets @ 90°

Features & Specifications

- 3/8" NPT Female Thread Inlet
- (2) 3/8" NPT Female Thread Outlets

Job Name _____

Item Number _____

Section/Tag _____

Model Specified _____

Architect _____

Engineer _____

Contractor _____

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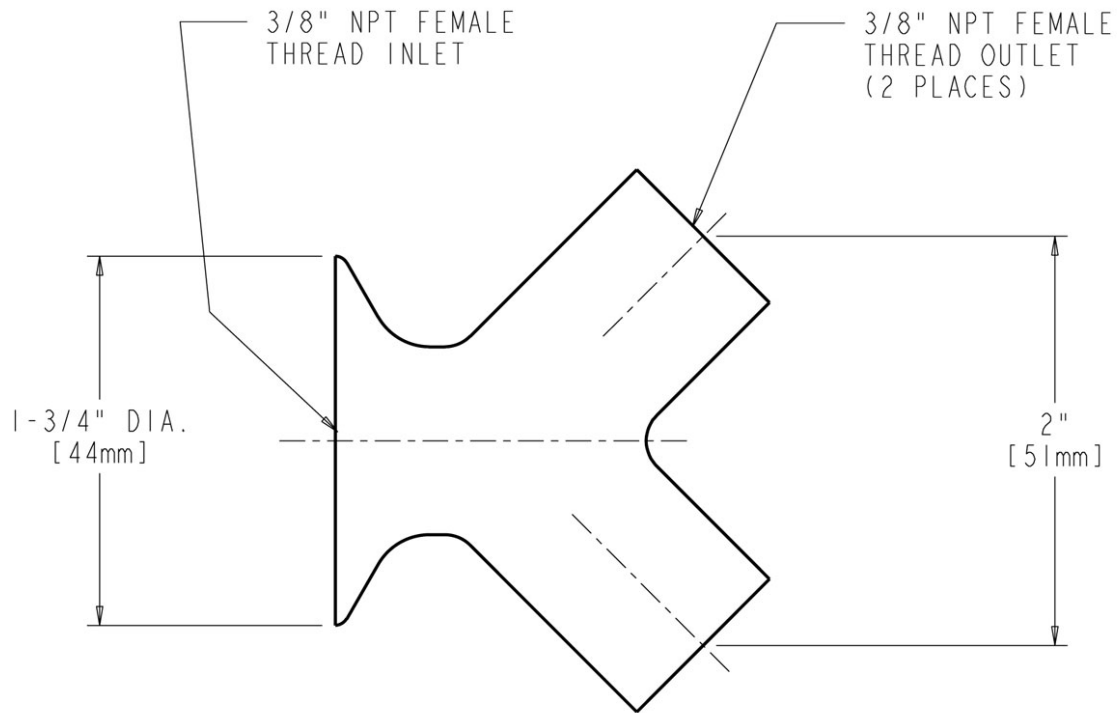
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Architect/Engineer Specification

Chicago Faucets No. 987-FCP, Y Pattern Wall Flange with Two Outlets @ 90° , Chrome Plated solid brass construction. 3/8" NPT Female Thread Inlet. (2) 3/8" NPT Female Thread Outlets. .



Operation and Maintenance

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MECHANICAL FAUCETS

909-AGVCP

T-3 (909-AGV CP)
WITH 216-678CO2JKNF
LIGHT BLUE
CO2 BUTTON



Ball Valves

Product Type

Panel Mounted Single Ball Valves Ball Valve

Features & Specifications

- Single Ball Valves
- Full Flow Nozzle
- 3/8" NPT Male Thread Inlet
- May Be Used with Most Laboratory Gases
- 909 Valve is Certified for Gas Service per ANSI Z21.15b-2006/CSA 9.1b-2006 by the Canadian Standards Association
- CFNow! Item Ships in 5 Days

Performance Specification

- Rated Operating Pressure: 0-0.5 PSI

Warranty

- Lifetime Limited Faucet Warranty
- 5-Year Limited Cartridge Warranty
- 1-Year Limited Finish Warranty

Job Name

Item Number

Section/Tag

Model Specified

Architect

Engineer

Contractor

☐ Submitted as Shown

☐ Submitted with Variations

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909-AGVCP

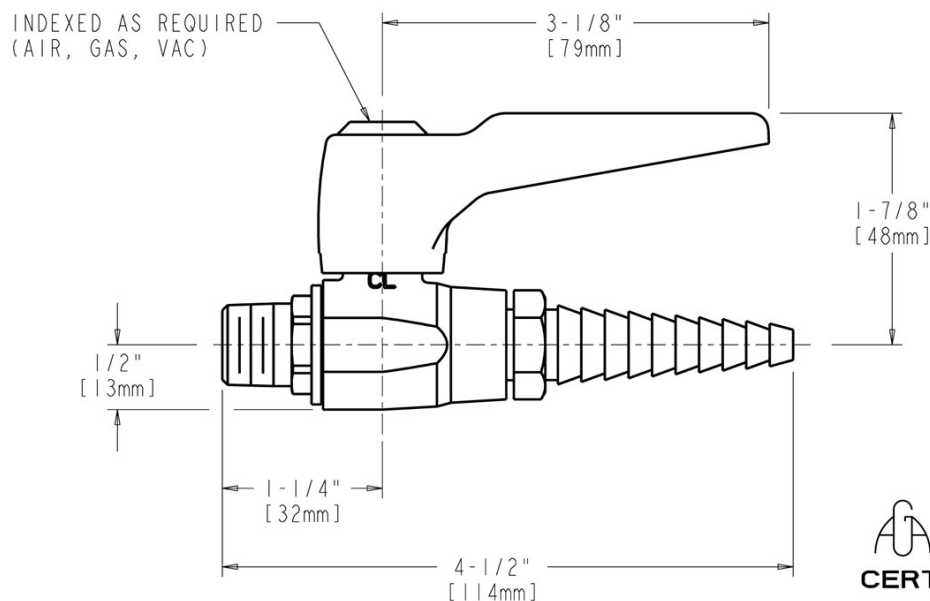
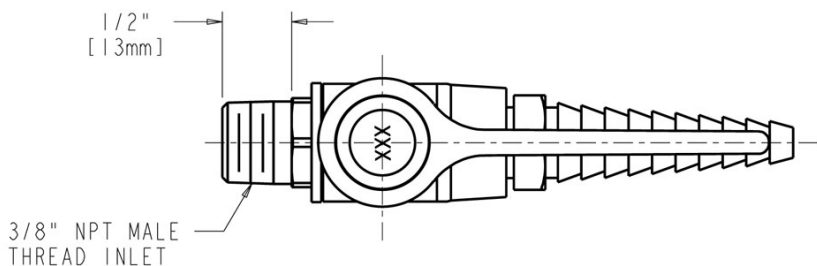
Ball Valves

**T-3 (909-AGV CP)
WITH 216-678CO2JKNF
LIGHT BLUE
CO2 BUTTON**



Architect/Engineer Specification

Chicago Faucets No. 909-AGVCP, Panel Mounted Single Ball Valves Ball Valve, Chrome Plated solid brass construction. Full Flow Laboratory Serrated Nozzle. 3/8" NPT Male Thread Inlet. May Be Used with Most Laboratory Gases. 909 Valve is Certified for Gas Service per ANSI Z21.15b-2006/CSA 9.1b-2006 by the Canadian Standards Association. .



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ACCESSORIES AND PARTS

987-FCP

Product Type

Y Pattern Wall Flange with Two Outlets @ 90°

Features & Specifications

- 3/8" NPT Female Thread Inlet
- (2) 3/8" NPT Female Thread Outlets

Job Name _____

Item Number _____

Section/Tag _____

Model Specified _____

Architect _____

Engineer _____

Contractor _____

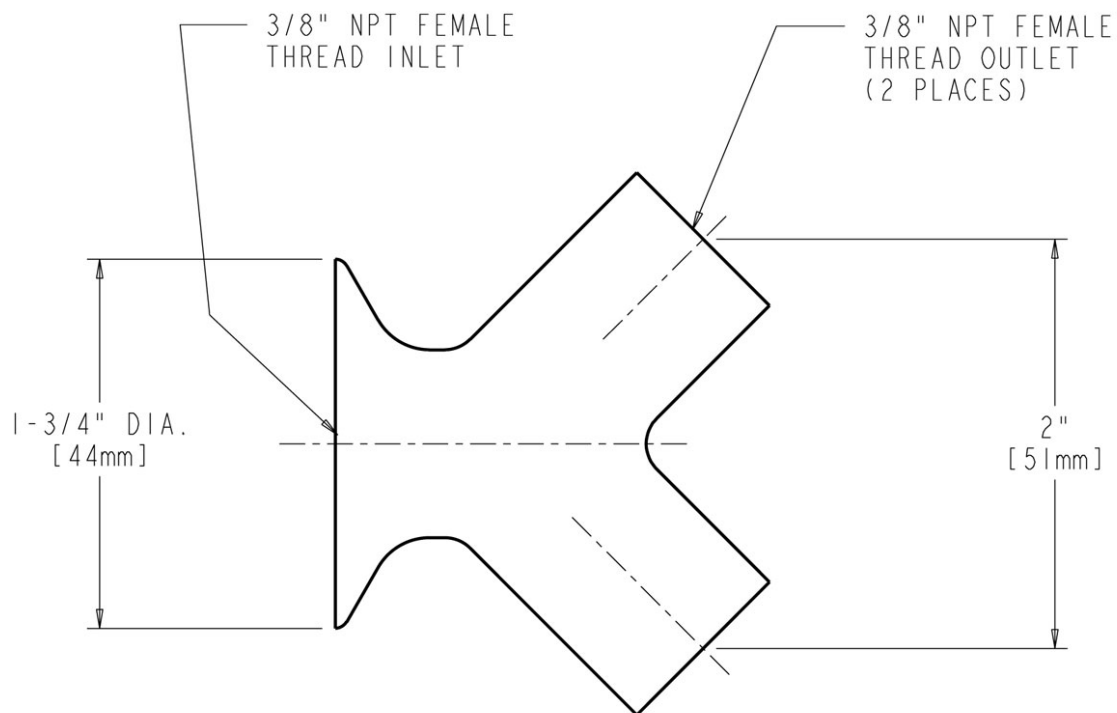
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Architect/Engineer Specification

Chicago Faucets No. 987-FCP, Y Pattern Wall Flange with Two Outlets @ 90°, Chrome Plated solid brass construction. 3/8" NPT Female Thread Inlet. (2) 3/8" NPT Female Thread Outlets. .



Operation and Maintenance

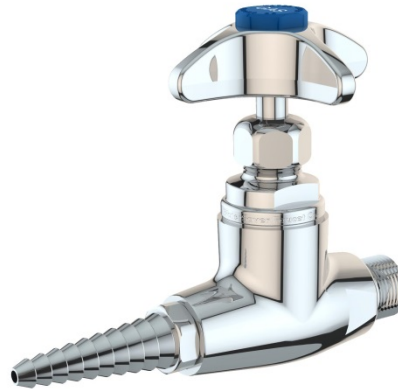
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WaterSaver



L2880

Needle Valve, Straight
Pattern

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

Valve Body: Straight pattern forged brass.

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

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

Inlet: 3/8" NPT male inlet.

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

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

ACCESSORIES AND PARTS

987-FCP

T-5 (987F-CP WALL FLANGE)



Product Type

Y Pattern Wall Flange with Two Outlets @ 90°

Features & Specifications

- 3/8" NPT Female Thread Inlet
- (2) 3/8" NPT Female Thread Outlets

Job Name _____

Item Number _____

Section/Tag _____

Model Specified _____

Architect _____

Engineer _____

Contractor _____

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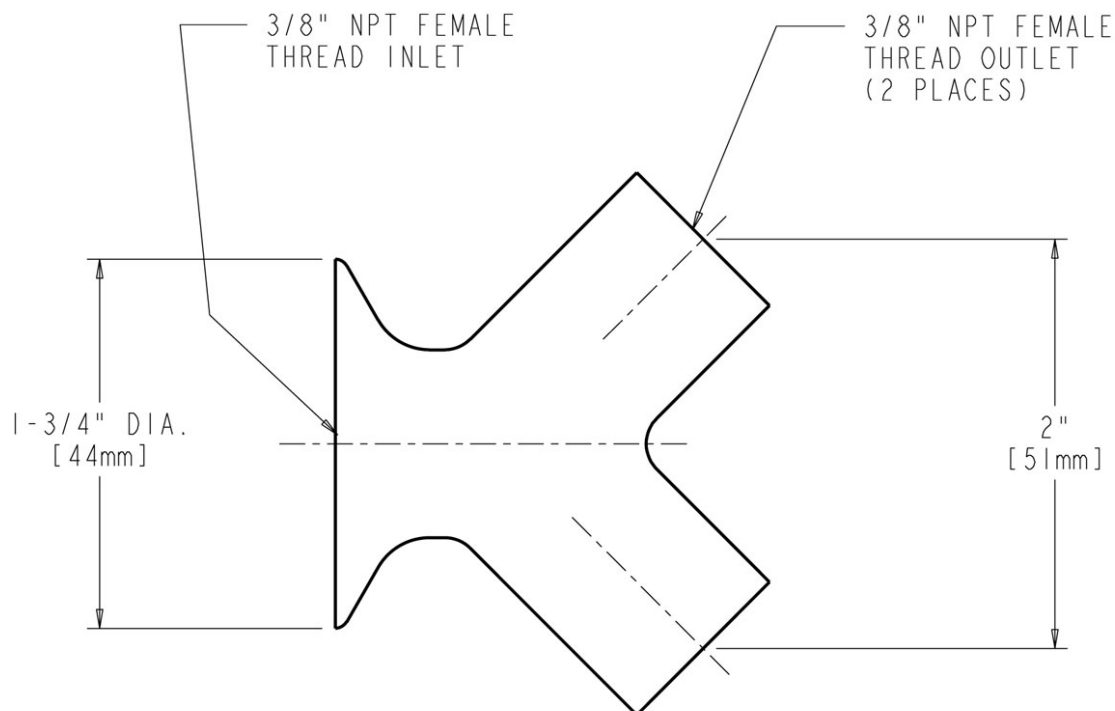
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Architect/Engineer Specification

Chicago Faucets No. 987-FCP, Y Pattern Wall Flange with Two Outlets @ 90°, Chrome Plated solid brass construction. 3/8" NPT Female Thread Inlet. (2) 3/8" NPT Female Thread Outlets. .



Operation and Maintenance

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MECHANICAL FAUCETS

937-CHAGVCP

Needle Valves

Product Type

Panel Mounted Single Needle Valves Needle Valve

Features & Specifications

- Single Needle Valves
- Full Flow Nozzle
- 2-1/2" Cross Handle
- Needle Valve Compression Operating Cartridge
- 3/8" - 18 NPT Male Thread Inlet
- May Be Used with Most Laboratory Gases
- ** 937 Valve is Certified for Gas Service per ANSI Z21.15b-2006/CSA 9.1b-2006 by the Canadian Standards Association

Performance Specification

- 0-0.5 PSI**
- Compatibility by Service (Maximum Pressure):
- Acetylene (125 PSI)
 - Ammonia (125 PSI)
 - Argon (125 PSI)
 - Butane (125 PSI)
 - Carbon Dioxide (125 PSI)
 - Carbon Monoxide (125 PSI)
 - Helium (125 PSI)
 - Hydrogen (125 PSI)
 - Natural Gas (125 PSI)
 - Methane (125 PSI)
 - Nitrogen (125 PSI)
 - Propane (125 PSI)
 - Air (125 PSI)
 - Compressed Air (125 PSI)

Warranty

- Lifetime Limited Faucet Warranty
- 5-Year Limited Cartridge Warranty
- 1-Year Limited Finish Warranty

Codes & Standards

- **ANSI Z21.15b-2006/CSA 9.1b-2006

Job Name _____

Item Number _____

Section/Tag _____

Model Specified _____

Architect _____

Engineer _____

Contractor _____

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937-CHAGVCP

Needle Valves

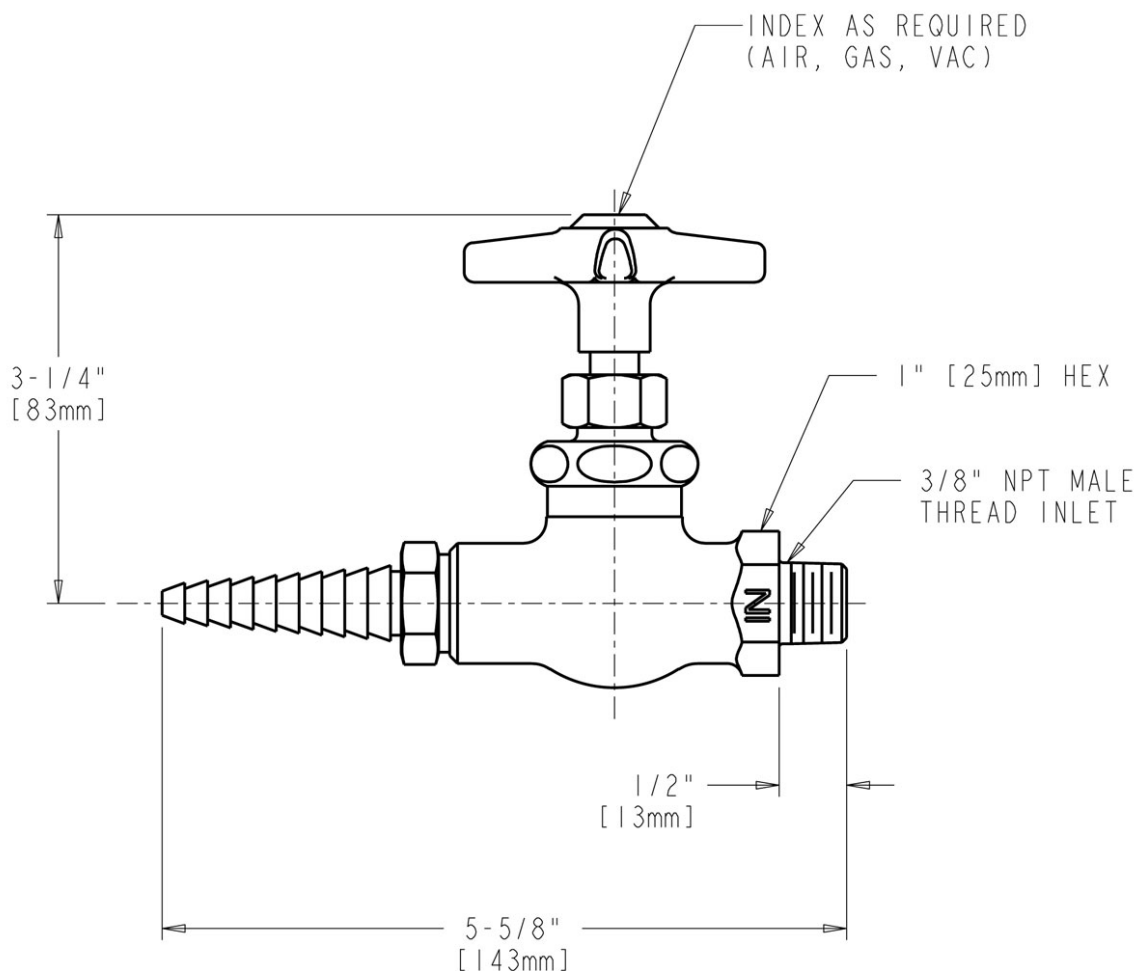
**T-5 (937-CHAGV-CP CHICAGO NEEDLE VALVE)
WITH 216-778COMPAIRJKNF
ORANGE BUTTON**

**CHICAGO
FAUCETS**

a Geberit company

Architect/Engineer Specification

Chicago Faucets No. 937-CHAGVCP, Panel Mounted Single Needle Valves Needle Valve, Chrome Plated solid brass construction. Full Flow Laboratory Serrated Nozzle. 2-1/2" Metal Cross handle(s) with Eight Point Tapered Broach and AIR, GAS or VAC Button. 3/8" - 18 NPT Male Thread Inlet. May Be Used with Most Laboratory Gases. ** 937 Valve is Certified for Gas Service per ANSI Z21.15b-2006/CSA 9.1b-2006 by the Canadian Standards Association. .



Operation and Maintenance

Installation should be in accordance with local plumbing codes. Flush all pipes thoroughly before installation. After installation, remove spout outlet or flow control and flush faucet thoroughly to clear any debris. Care should be taken when cleaning the product. Do not use abrasive cleaners, chemicals or solvents as they can result in surface damage. Use mild soap and warm water for cleaning and protecting the life of Chicago Faucet products. For specific operation and maintenance refer to the installation instructions and repair parts documents that are located at www.chicagofaucets.com.

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GBF2150 Recessed Safety Station with Drain Pan, Exposed Shower Head

Application: Recessed barrier-free eye/face wash and shower safety station with ceiling mounted exposed shower head and drain pan. Stainless steel cover provides attractive appearance and protects unit when not in use. When activated, cover serves as pan to collect waste water and return it into unit for drainage.

ADA Compliance: When installed at recommended mounting heights, unit complies with ADA requirements for accessibility by handicapped persons.

Shower Head: 10" diameter stainless steel.

Shower Valve: 1" IPS brass stay-open ball valve with stainless steel "panic bar" actuator.

Cover/Drain Pan: 16 gauge stainless steel combination cover and drain pan. Grasping "panic bar" handle and opening cover pulls spray head assembly down from vertical to horizontal position, activating water flow. While unit is in operation, waste water is collected in drain pan and returned into cabinet for drainage. Unit remains in operation until cover is returned to closed position.

Eye/Face Wash Spray Head Assembly: Two FS-Plus™ spray heads mounted on supply arms. Each spray head has individually adjustable flow control and filter to remove impurities from water.

Eye/Face Wash Valve: 1/2" IPS brass plug-type valve with O-ring seals. Furnished with in-line strainer to protect valve from debris and foreign matter.

Mounting: 16 gauge stainless steel cabinet with flanged rim for recessed mounting in wall. Unit fits in standard 3-5/8" deep wall.

Pipe and Fittings: Exposed pipe and escutcheon are brushed stainless steel.

Supply: 1" NPT female inlet.

Waste: 2" NPT female outlet.

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

○ **PCC** Polished chrome plated brass shower supply nipple.

○ **AP250-065** Modesty Curtain

✕ **AP280-235** Electric Light and Alarm Horn

✕ **TMV** G3800 thermostatic mixing valve.

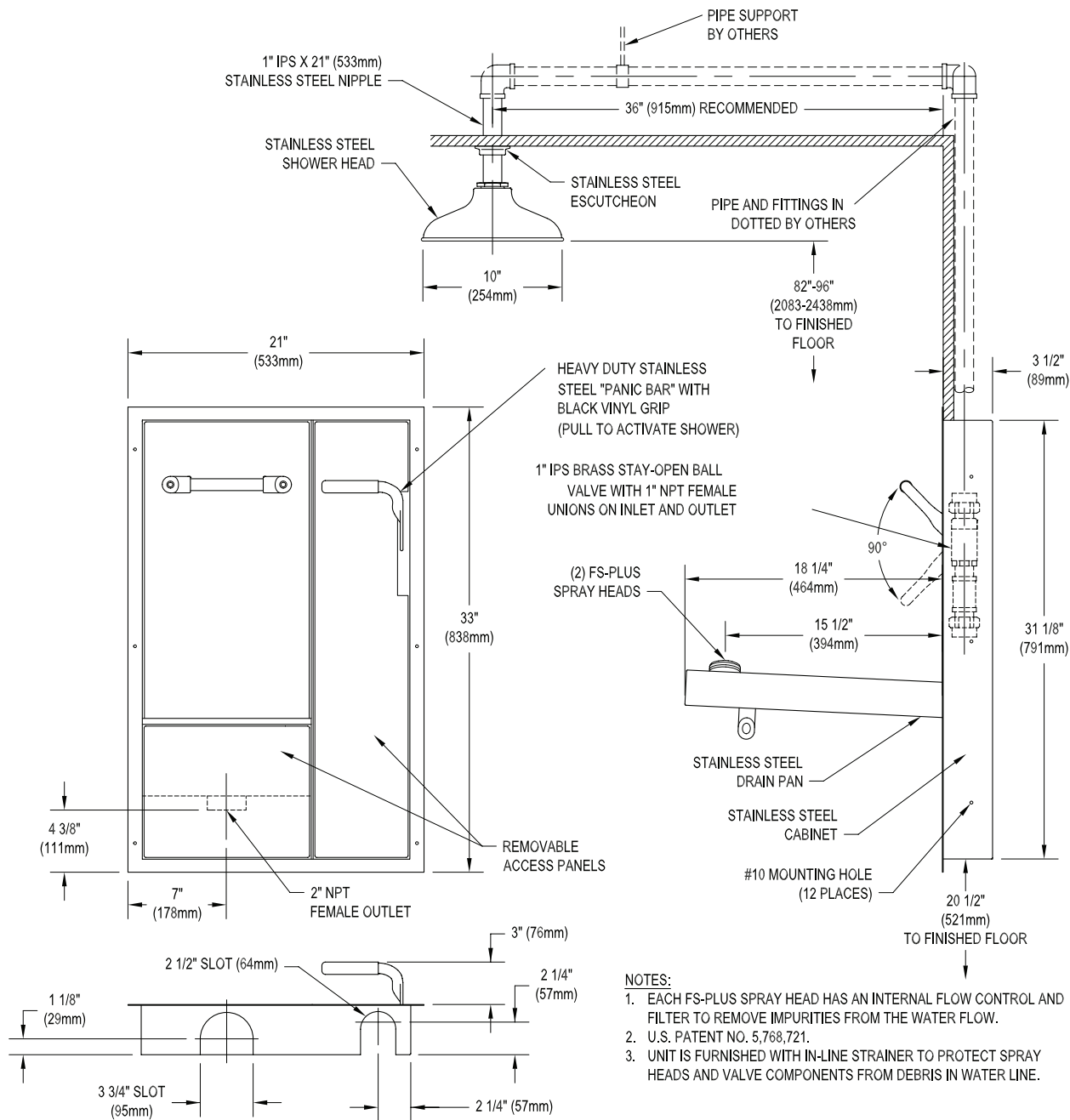


Note: Shown with optional AP280-235 electric light and alarm horn unit (sold separately).





GBF2150 Recessed Safety Station with Drain Pan, Exposed Shower Head



THIS SPACE FOR ARCHITECT/ENGINEER APPROVAL

Sign Included



Due to continuing product improvement, the information contained in this document is subject to change without notice. All dimensions are $\pm 1/4"$ (6mm). rev. 0514



□ AP280-230 Electric Alarm Unit for Recessed Laboratory Units

APPLICATION: Alarm units serve two important functions when installed in conjunction with emergency eyewash and shower equipment. First, alarms serve to alert facility personnel that an accident has occurred and that assistance to the user may be required. Second, alarms deter unintended or malicious operation of the emergency equipment. For this reason, they are advisable in schools and other areas where the possibility of vandalism is present. Alarms are activated by a flow switch that senses the movement of water in the supply line when the safety unit is activated. Once activated, the bright light flashes and the horn sounds loudly.

INSTALLATION: Unit is designed for use with recessed laboratory units. Combination light and alarm horn is recess mounted in wall. Flow switch and electrical wiring are located behind wall. 120 volt, 0.11 amp electrical supply is required.

VISUAL SIGNAL: Amber strobe light with shatter-resistant lens.

AUDIBLE SIGNAL: Horn delivers distinctive, urgent signal at 90 db.

FLOW SWITCH: 1" IPS single pole, double throw waterproof flow switch for installation in water supply line to emergency unit. Switch senses flow of water when either the eyewash or shower is activated. Flow switch must be installed with tee fitting in horizontal position, flow switch body in vertical position and at least 6" from closest fitting. Direction of flow is marked on switch body.

MOUNTING: Furnished with hardware for recess mounting components in finished wall. Electrical connections by others.

QUALITY ASSURANCE: All components are factory tested prior to shipment.

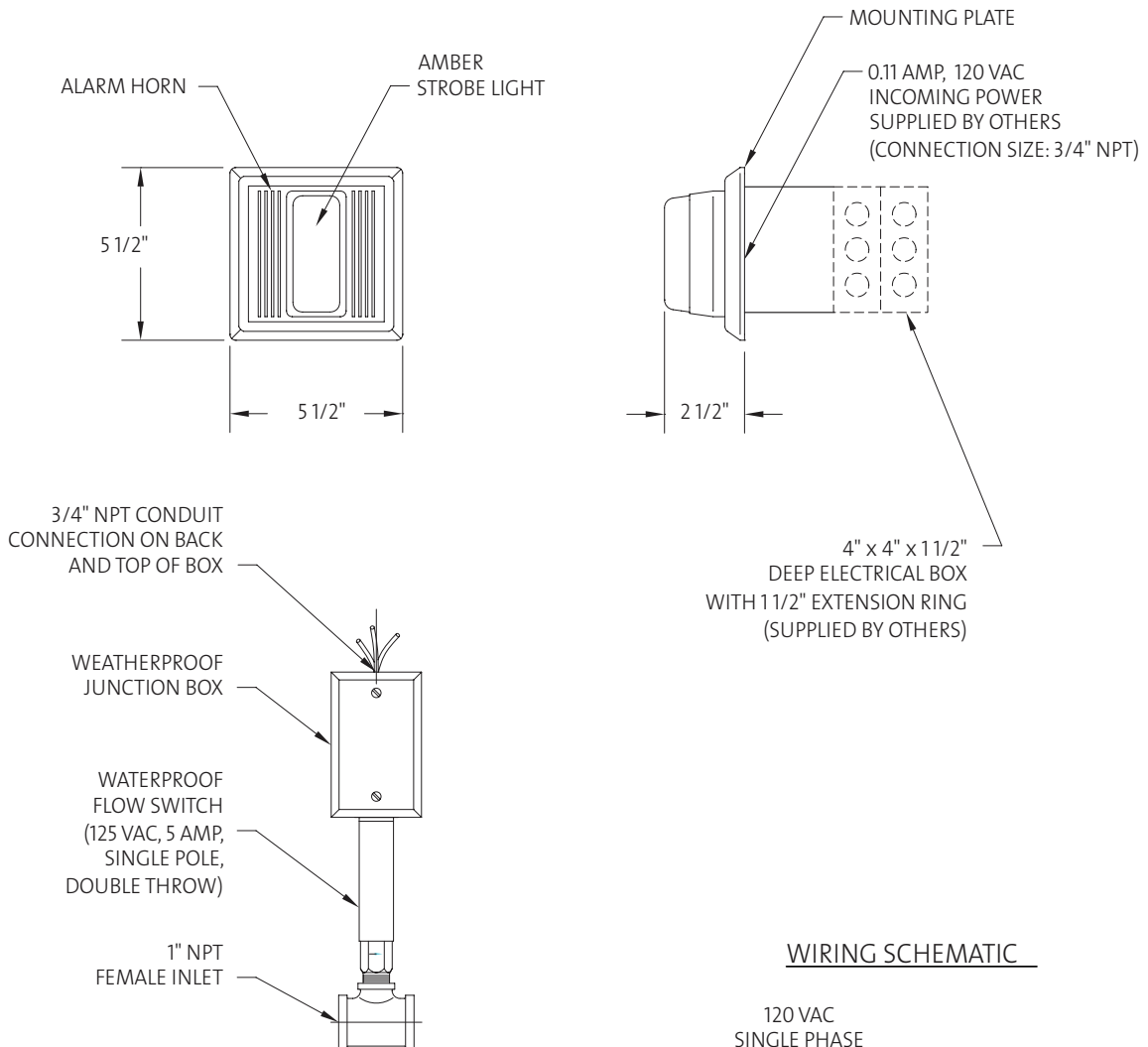


Additional Models

□ **AP280-235** Same as above except with double pole, double throw flow switch for connection to monitoring system. When emergency unit is actuated, light and horn activate and electrical signal is sent to remote monitoring location.



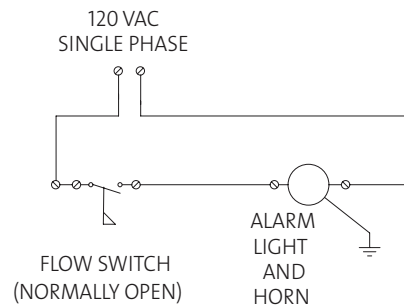
AP280-230 Electric Alarm Unit for Recessed Laboratory Units



NOTES:

1. FLOW SWITCH IS DESIGNED TO ACTIVATE AT 3.0 GPM AND DEACTIVATE AT 1.75 GPM.
2. FLOW SWITCH MUST BE INSTALLED VERTICALLY IN A HORIZONTAL PIPE RUN, UPSTREAM OF UNIT AND AT LEAST 6" FROM FITTING.
3. SOUND OUTPUT ON HORN IS 90 dB AT 10 FEET.
4. ALL WIRING TO BE PROVIDED BY OTHERS.

WIRING SCHEMATIC

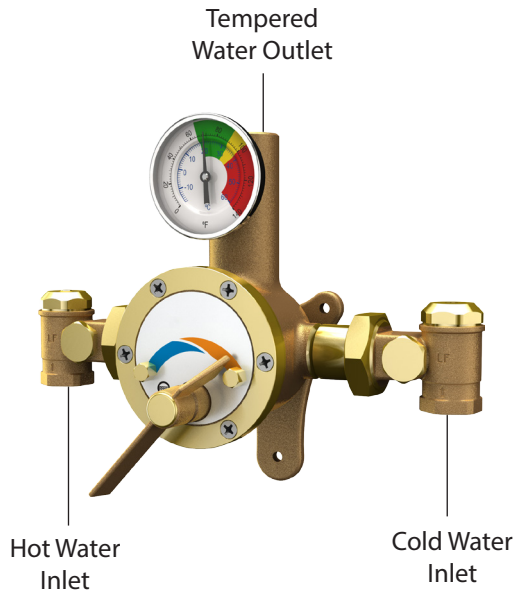


THIS SPACE FOR ARCHITECT/ENGINEER APPROVAL

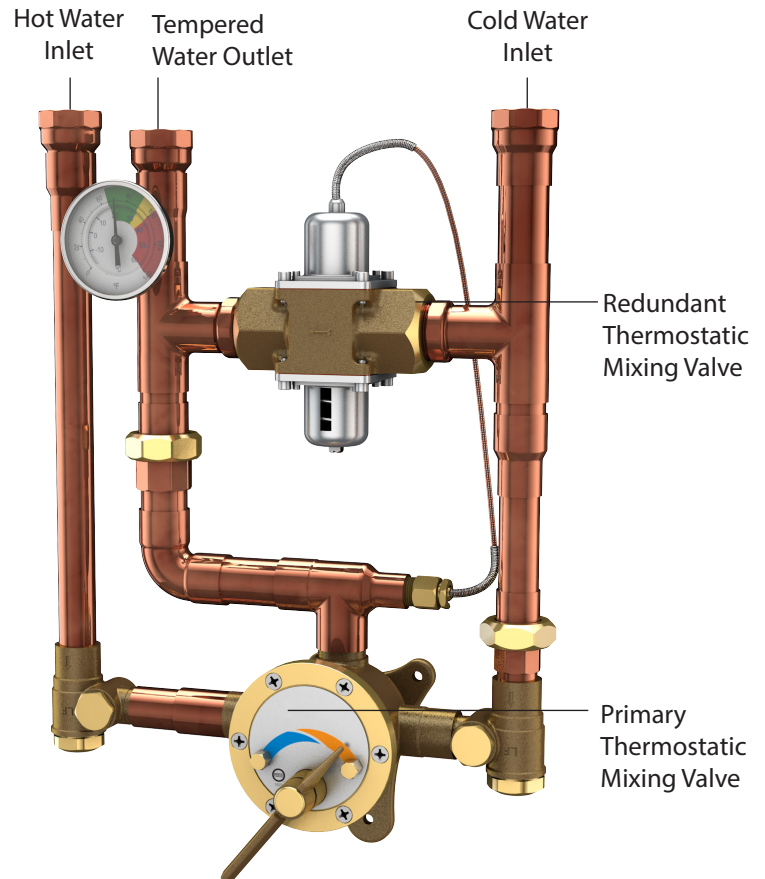
Due to continuing product improvement, the information contained in this document is subject to change without notice. All dimensions are $\pm 1/4$ " (6mm). rev. 0312



Note: Please provide valve serial number (stamped on cover of valve) when ordering parts.



G3800LF



G3850LF

Installation

1. Valve should be installed at a location where it can easily be cleaned, adjusted or repaired.
2. The inlets are clearly marked on the valve body casting. connect the hot water into the inlet marked "HOT" and cold water into the inlet marked "COLD." These are NOT to be confused with the "C-H" markings on the front cover.
3. Union angle strainer checkstops furnished must be installed on both supply lines as shown above.
4. Use solder or pipe cement sparingly. Supply pipes should be flushed before the valve is connected. Flush outlet pipe and valve as soon as it is connected.

Maximum Operating Pressure 125PSI (860 KPA) for Hot and Cold Water. Maximum Hot to Cold Water Pressure Differential is 5%.

Note: It may be necessary to recirculate, the tempered water to the face/eyewash/drench shower should the piping be exposed to excessive hot or cold conditions. Consult factory for proper piping.



IMPORTANT: THESE SYSTEMS ARE DESIGNED TO PROVIDE MIXED WATER FROM 60 TO 90°F (15 TO 32°C) FOR EMERGENCY SHOWER APPLICATIONS ONLY. CALL GUARDIAN EQUIPMENT FOR SYSTEMS DESIGNED TO OPERATE AT TEMPERATURES OUTSIDE OF THIS RANGE.

Note: This is a control system which must be cleaned and maintained on a regular basis (see maintenance guide and record MGRG-1000).

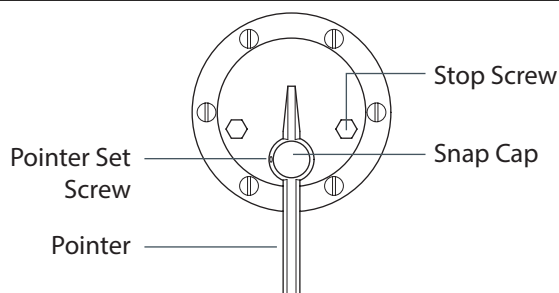


Adjustment And Service

Guardian Equipment Thermostatic Water Mixing Valves are simple in design and may be easily cleaned, adjusted and repaired. If the installation is accessible, servicing may be completed without disconnecting the valve.

Note: thermostatic water mixing valves are regulating mechanisms, which must be regularly maintained to provide best performance. Frequency of cleaning depends on quality of local water conditions and usage. (See maintenance guide and record MGRG-1000 and ANSI Z358).

To Reset Adjustable High Temperature Limit Stop:



1. Loosen pointer set screw, remove snap cap, screw and washer. Remove pointer.
2. Turn emergency fixture on.
3. Temporarily place pointer on the spline rod, turn handle to the left, allow cold water to flow. Slowly adjust handle to the right to required maximum temperature (Temperatures above 90° are not recommended on emergency equipment. Consult a medical advisor for correct temperature settings).
4. Replace pointer on the spline rod so that its right edge is resting against the stop screw located on the right side of the cover.
5. The new maximum temperature has now been set. Test this temperature by holding a thermometer under the flow of water to be certain it is as desired.



WARNING: THIS THERMOSTATIC MIXING VALVE HAS AN ADJUSTABLE HIGH TEMPERATURE LIMIT STOP WHICH MUST BE CHECKED. IF TEMPERATURE IS TOO HIGH, THE INSTALLER MUST RESET THIS STOP IMMEDIATELY. ALWAYS CHECK THE TEMPERATURE OF THE MIXED WATER WHEN THE LEVER HANDLE IS TURNED TO FULL HOT. IF THE EMERGENCY DRENCH EQUIPMENT IS A COMBINATION TYPE, THE WATER TEMPERATURE MUST BE CHECKED AT EACH OUTLET (FACE/ EYEWASH /SHOWER) LOCATION INDEPENDENTLY, EXCESSIVELY HOT WATER IS DANGEROUS AND MAY CAUSE SCALDING!

THE HIGH TEMPERATURE LIMIT STOP IS FACTORY SET AT APPROXIMATELY 90°F (32°C) WITH AN INCOMING HOT WATER SUPPLY TEMPERATURE OF 140°F (60°C). IF THE INCOMING HOT WATER ON THE JOB IS HIGHER THAN 140°F (60°C), THE VALVE WHEN TURNED TO FULL HOT WILL DELIVER WATER IN EXCESS OF 90°F (32°C) AND THE HIGH TEMPERATURE LIMIT STOP MUST BE RESET BY THE INSTALLER.

Troubleshooting

Symptom	Component Type	Part No.	Description
Leak at pointer rod.	Packings and Gaskets	MU-5A	O-Ring
Leak between valve cover and base.	Packings and Gaskets	TM-21/50	Flange Packing
Valve outlet temperature will not mix consistently.	Port Sleeve Assembly	TGM-1/50M or RK3800A	Port Sleeve Assembly or Rebuild Kit
After cleaning or replacing port sleeve assembly, valve will not hold temperature.	Thermostat Group	TGM-2/50 or RK3800A	Thermostat Group or Rebuild Kit
Hot water bypass into cold line.	Checkstops	RK3800B	Checkstop Kit
Supplies cannot be shut off completely.	Checkstops		
Leak at checkstop bonnet.	Checkstops		

If installed on a circulated hot water system, make certain the valve is piped according to Guardian Equipment Required Methods of Piping (see page 3).

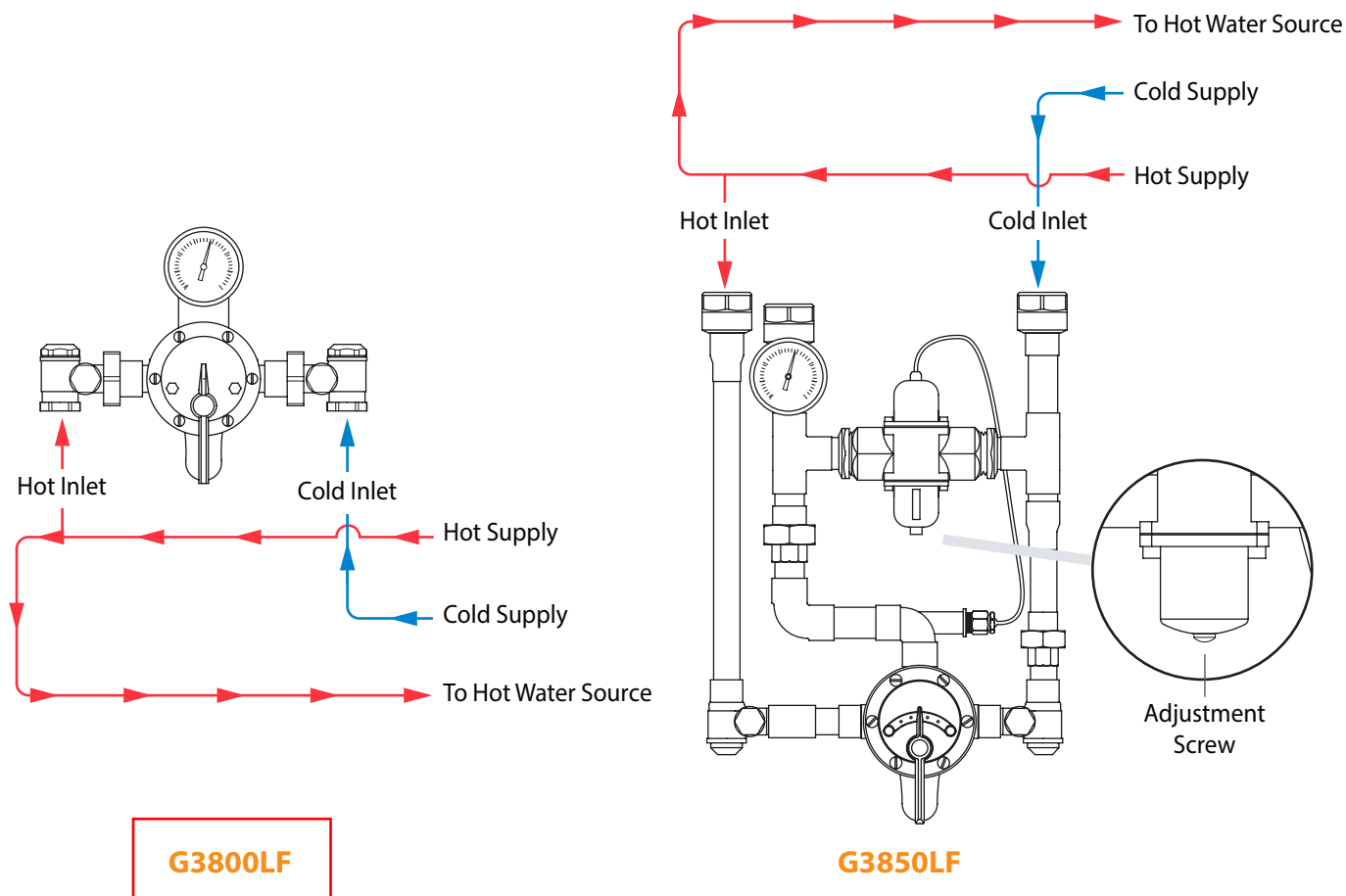
See page 5 for complete parts breakdown, and parts kits.

Note: This is a control system which must be cleaned and maintained on a regular basis (see maintenance guide and record MGRG-1000).



Required Methods Of Piping

Method #1: Required when hot water is to be circulated to a thermostatic mixing valve, which is a substantial distance from the hot water source. Recommended hot water inlet temperature 140°F (60°C).



This unit must be cycled each time the emergency equipment is checked (See ANSI Z358.1, Maintenance and Training section).

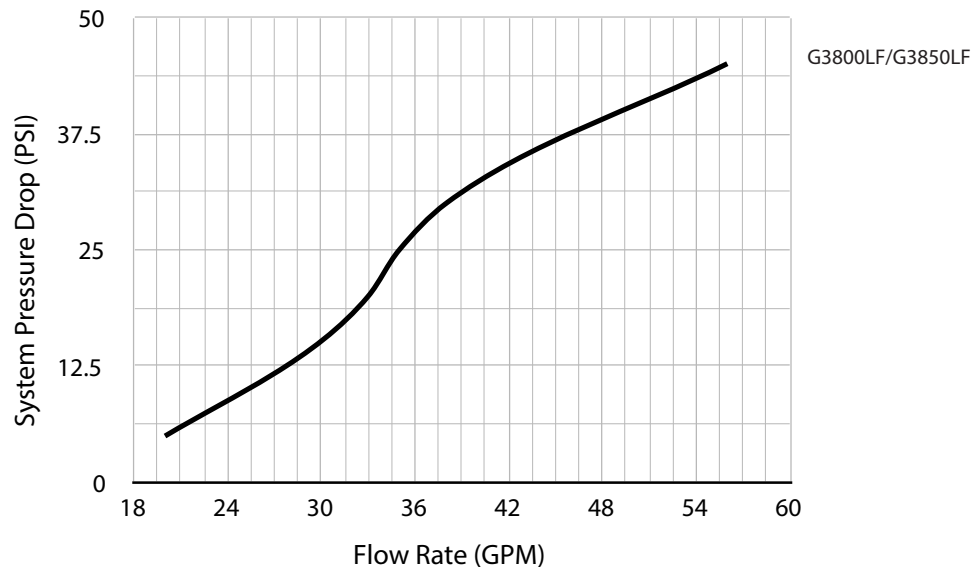
1. Cycle redundant thermostatic valve by loosening the pointer set screw and set the primary thermostatic mixing valve to full hot. (G3850LF only).
2. Open emergency shower and allow temperature to reach the set point.
3. Turn primary thermostatic valve to full cold and wait ten seconds.
4. Turn primary thermostatic valve to full hot and wait for ten seconds.
5. Check to be sure outlet temperature does not climb above 90°F (32°C).
6. Turn primary thermostatic mixing valve to full cold and wait ten seconds.
7. Set primary thermostatic mixing valve to the desired temperature and close drench or combination emergency shower.

The G3850LF Redundant Thermostatic Mixing Valve has been factory set at 90°F (32°C). This set point can be field adjusted with a 3/8" wrench (see diagram). Clockwise direction will increase temperature. Maximum set point is 90°F (32°C).

Note: This is a control system which must be cleaned and maintained on a regular basis (see maintenance guide and record MGRG-1000).



Flow Capacities



MODEL	IN	OUT	MINIMUM FLOW (GPM)	INTERNAL COLD WATER BYPASS MINIMUM	SYSTEM PRESSURE DROP									
			5		10	15	20	25	30	35	40	45	PSI	
			L/MIN		.3	.7	1.0	1.4	1.7	2.1	2.4	2.8	3.1	BAR
G3800LF	1"	1 1/4"	3	20	20	25	30	33	35	38	43	50	56	GPM
			11	76	76	95	114	125	132	144	163	189	212	L/MIN
G3850LF	1 1/4"	1 1/4"	3	20	20	25	30	33	35	38	43	50	56	GPM
			11	76	76	95	114	125	132	144	163	189	212	L/MIN
MAXIMUM FLOW CAPACITY														



CAUTION: ALL THERMOSTATIC WATER MIXING VALVES HAVE LIMITATIONS. THEY WILL NOT PROVIDE THE DESIRED ACCURACY OUTSIDE OF THEIR FLOW CAPACITY RANGE. CONSULT THE CAPACITY CHART AND DO NOT OVERSIZE. MINIMUM FLOW MUST BE NO LESS THAN SHOWN BELOW.



IMPORTANT! THESE SYSTEMS ARE DESIGNED TO PROVIDE MIXED WATER FROM 60 TO 90°F (15 TO 32°C) FOR EMERGENCY SHOWER APPLICATIONS ONLY. CALL GUARDIAN EQUIPMENT FOR SYSTEMS DESIGNED TO OPERATE AT TEMPERATURES OUTSIDE OF THIS RANGE.

Limited Warranty

Guardian Equipment warrants the original purchaser that products manufactured by them (not by others). Will be free from defects in materials and workmanship under normal conditions of use, when properly installed and maintained in accordance with Guardian Equipment's instructions, for a period of one year from date of shipment. During this period the Guardian Equipment will at its option repair or replace any product, or part thereof, which shall be returned, freight prepaid, to the Guardian Equipment factory and determined by Guardian Equipment to be defective in materials or workmanship. There are no warranties, expressed or implied, which extend beyond the description contained herein. There are no implied warranties of merchantability or of fitness for a particular purpose. In no event will Guardian Equipment be liable for labor or incidental or consequential damages. Any alteration or improper installation or use of the product will void this limited warranty.

Note: This is a control system which must be cleaned and maintained on a regular basis (see maintenance guide and record MGRG-1000).

MECHANICAL FAUCETS

930-317SAM

Water Faucets

Product Type

Deck Mounted Single Hole Hot and Cold Water Mixing Faucet with Vacuum Breaker and **Chemical Resistant Satin Antimicrobial Finish**

Features & Specifications

- Single Hole
- 6" Rigid / Swing Gooseneck Spout with Atmospheric Vacuum Breaker
- Full Flow Nozzle
- 4" Vandal Proof Wristblade Handle
- Quatum Compression Operating Cartridge
- 3/8" Compression Flexible Stainless Steel Supply Hoses
- Atmospheric Vacuum Breaker, Not Intended for Continuous Pressure Applications
- Atmospheric Vacuum Breaker, Not Intended for Continuous Pressure Applications

Performance Specification

- Rated Operating Pressure: 20-125 PSI
- Rated Operating Temperature: 40-140°F
- The antimicrobial protection is formulated to last beyond the useful life of the product on an undamaged surface.

Warranty

- Lifetime Limited Faucet Warranty
- 5-Year Limited Cartridge Warranty
- 1-Year Limited Finish Warranty

Codes & Standards

- ASME A112.18.1/CSA B125.1
- Certified to NSF/ANSI 61, Section 9 by CSA
- ADA ANSI/ICC A117.1

Job Name _____

Item Number _____

Section/Tag _____

Model Specified _____

Architect _____

Engineer _____

Contractor _____

☐ Submitted as Shown

☐ Submitted with Variations

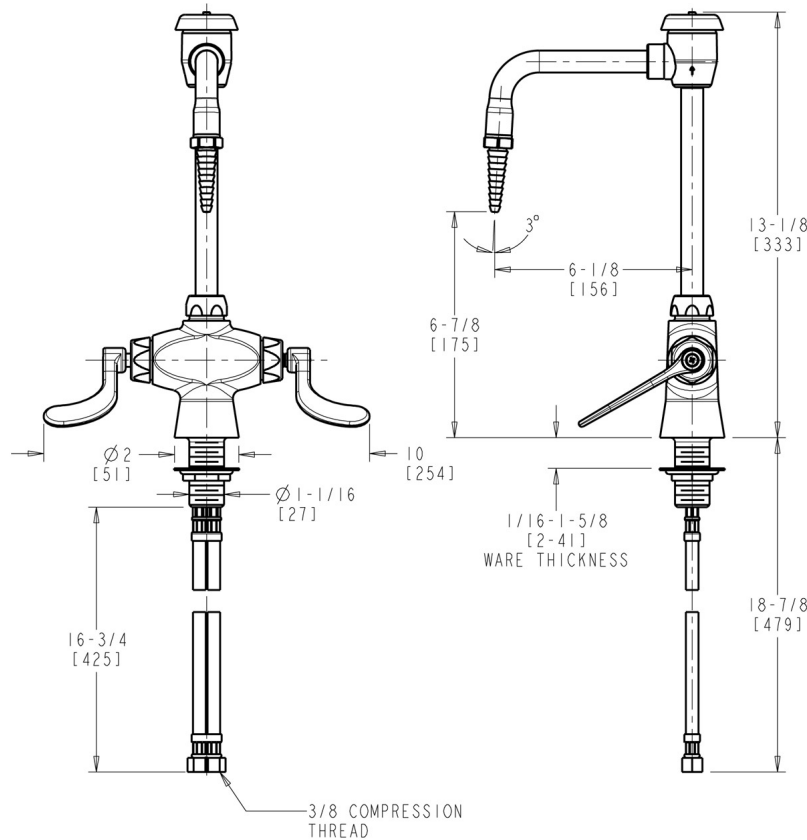
Date _____



Water Faucets

Architect/Engineer Specification

Chicago Faucets No. 930-317SAM, Sink Faucet for hot and cold water, with vacuum breaker, single-hole deck mount, chrome plated with chemical-resistant Satin Antimicrobial (SAM) finish. Rigid/swing gooseneck spout with atmospheric vacuum breaker, 6" center-to-center. Serrated, full-flow laboratory nozzle. 4" metal, vandal-proof, wristblade handle with sixteen-point, tapered broach. Quaturn™ rebuildable compression cartridge, opens and closes 90°, closes with water pressure, features square, tapered stem. Flexible stainless steel supply hoses with 3/8" compression fitting. NOTE: Atmospheric vacuum breaker is NOT intended for continuous pressure applications. This product meets ADA ANSI/ICC A117.1 requirements and is tested and certified to industry standards: ASME A112.18.1/CSA B125.1, and Certified to NSF/ANSI 61, Section 9 by CSA. This product meets ADA ANSI/ICC A117.1 requirements and is tested and certified to industry standards: ASME A112.18.1/CSA B125.1, and Certified to NSF/ANSI 61, Section 9 by CSA.



Operation and Maintenance

Installation should be in accordance with local plumbing codes. Flush all pipes thoroughly before installation. After installation, remove spout outlet or flow control and flush faucet thoroughly to clear any debris. Care should be taken when cleaning the product. Do not use abrasive cleaners, chemicals or solvents as they can result in surface damage. Use mild soap and warm water for cleaning and protecting the life of Chicago Faucet products. For specific operation and maintenance refer to the installation instructions and repair parts documents that are located at www.chicagofaucets.com.

Chicago Faucets, member of the Geberit Group, is the leading brand of commercial faucets and fittings in the United States, offering a complete range of products for schools, laboratories, hospitals, office buildings, food service, airports and sport facilities. Call 1.800.TECTRUE or 1.847.803.5000 Option 1 for installation or other technical assistance.

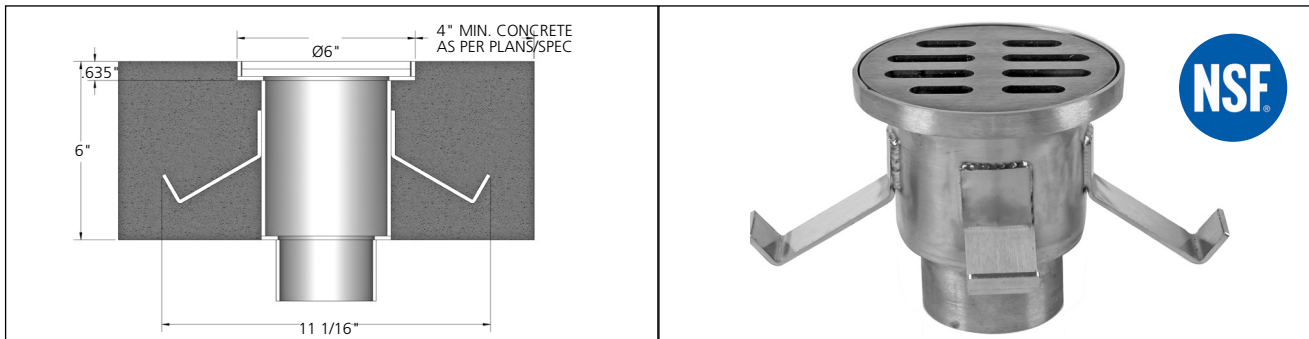


Location: **P3060****6" Round Stainless Steel Fabricated Floor Drain****SPECIFICATION:**

MIFAB® Series Series P3060, 6" round floor drain manufactured out of 16 gauge, Type 304 stainless steel with anchor tabs and slotted Load Class "A" Light duty stainless steel ADA compliant grate. Free area of 14 square inches. Bottom outlets are available in 2", 3" or 4" no hub outlet connections (specify outlet size) and fabricated as part of the floor drain. Also available with an optional anchor flange (Suffix -FL) and B, C, D or E load rated grates.

FUNCTION:

Used in industrial, commercial, kitchen and other hygienic and/or corrosive areas. Type 304 stainless steel construction provides for ease of cleaning, maintenance and sanitary installation. All grate openings are polished to a smooth finish.



The P3060-LCB is NSF certified with a load classification of Medium Duty.

MODEL NUMBER	DESCRIPTION
P3060	6" Round, Type 304 Stainless Steel Fabricated Floor Drain, 16 Gauge Body (Load Class "A", "Light Duty", ADA compliant grate)
P3060-29	6" Round, Type 316 Stainless Steel Fabricated Floor Drain, 16 Gauge Body (Load Class "A", "Light Duty", ADA compliant grate)

SUFFIX	OPTIONAL VARIATIONS	DESCRIPTION
	-C	Membrane Clamp (Two pieces)
	-F4-3	4" Round Stainless Steel Funnel
	-FL	Anchor Flange
	-G-3	4" x 9" Oval Stainless Steel Funnel
	-LCB	Load Class "B", Medium Duty Grate (2,000 - 4,999 lbs.)
	-LCC	Load Class "C", Heavy Duty Grate (5,000 - 7,499 lbs.)
	-LCD	Load Class "D", Extra Heavy Duty Grate (7,500 - 10,000 lbs.)
	-LCE	Load Class "E", Special Duty Grate (over 10,000 lbs.)
	-NS	Slip Resistant Grate (Non slip grit finish)
	P	Push on outlet
	-PD	Solid cover with perimeter drainage slot
	-PG	Perforated Grate (1/4" diameter holes)
	-PHP	Perforated "Heel Proof Grate" (less than 1/4" diameter perforations)

SUFFIX	OPTIONAL VARIATIONS	DESCRIPTION
	-SGC	Solid, gasketed cover with removable pull ring
	-SHP	Slotted "Heel Proof" Grate (less than 1/4" wide slots)
	-SO	Put 2, 3, 4 or 6 in the last of the four digits of the model # to indicate the side outlet connection size and add suffix -SO. Eg. P3064-SO for a 4" side outlet.
	T	Threaded outlet
	X	Inside caulk outlet
	-5	Sediment Bucket
	-6	Vandal Resistant Grate
	-7	Trap Seal Primer Tapping (1/2")
	-7MG	MI-GARD trap seal protection device (available for 2", 3" & 4" outlet connections)
	-9	Hinged Grate
	-21	Secondary Strainer (in outlet)

Note: No hub bottom outlet connections are standard. Specify 2, 3, 4 or 6 in the last of the four digit model number to indicate the bottom no hub outlet size. For the 6" bottom outlet size, please add \$75.00 for Type 304 and \$100.00 for Type 316 stainless steel. Eg. 4" no hub bottom outlet would be model # P3064.

Job Name:
 Section No:
 Schedule No:

Page No:
 Contract:
 Purchase Order No: