Peralta Community College District

501 5th Avenue Oakland, California 94606
Phone (510) 466-7225 Fax (510) 587-7873
Purchasing Department

ADDENDA

Bid No. 16-17/32 Laney College Chemistry Lab Faucets Upgrade

July 26, 2017

ADDENDUM No. 1

This addendum supersedes items of the original contract documents wherein it is inconsistent with it. All other conditions remain unchanged. The following changes, modifications, corrections, additions or clarifications shall apply to the contract documents and shall be made a part of and subject to all of the requirements thereof as if originally specified or shown. It is the responsibility of the bidder to review the list of attachments to ensure that the addendum is full and complete. This Addendum modifies the original Bid Documents for the above Bid. **Acknowledge receipt of this addendum in the space provided on the BID FORM. Failure to do so may subject Bidder to disqualification.**

The following questions/request for information were submitted to District Bid No. 16-17/32.

1. **What are the model numbers of the new faucets, spouts, vacuum breakers, aspirators, and aerators for the Laney College Chemistry Lab Faucets Upgrade project?**

   Answer: The model # of the FAUCET: Manufacturer: Chicago, Model #: 1301-GN2BVBCP - Combination Triple Service VACUUM BREAKER SWING SPOUT: Manufacturer: Chicago, Model #: GN2BVBJKABCP VACUUM BREAKER SWING SPOUT
   According to the specs for the faucet, the aerator is included.

2. **Duration of the Project**

   Answer: 60 Days

3. Additional attachments:

Chicago Faucets Specs
Chicago Faucet – Installation Instructions
Chicago-Parts Drawings
Installation Note

End of Addendum One

MECHANICAL FAUCETS

1301-GN2BVBCP

Multiple Service Fixtures

CHICAGO FAUCETS
a Geberit company

Product Type

Deck Mounted Multiple Service Valves Combination Triple Service Fixture

Features & Specifications

- Multiple Service Valves
- Shank Assembly
- Secondary Control Valve
  - 6" Rigid / Swing Gooseneck Spout with Atmospheric Vacuum Breaker
  - 2.2 GPM (8.3 L/min) Aerator
  - 2-1/2" Vandal Proof Cross Handle
  - Slow Compression Operating Cartridge
- May Be Used with Most Laboratory Gases
- Atmospheric Vacuum Breaker, Not Intended for Continuous Pressure Applications
- 909 VALVE IS CERTIFIED FO R GAS SERVICE PER ANSI Z21.15B-2006/CSA BY THE CANADIAN STANDARDS ASSOCIATION
- Atmospheric Vacuum Breaker, Not Intended for Continuous Pressure Applications
- CFNow! Item Ships in 3 Days

Performance Specification

- Rated Operating Pressure: 0-0.5 PSI
- Rated Operating Temperature: 40-140 °F

Warranty

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

Codes & Standards

- ASSE 1001

Job Name _____

Item Number _____

Section/Tag _____

Model Specified _____

Architect _____

Engineer _____

Contractor _____

[ ] Submitted as Shown [ ] Submitted with Variations

Date _____

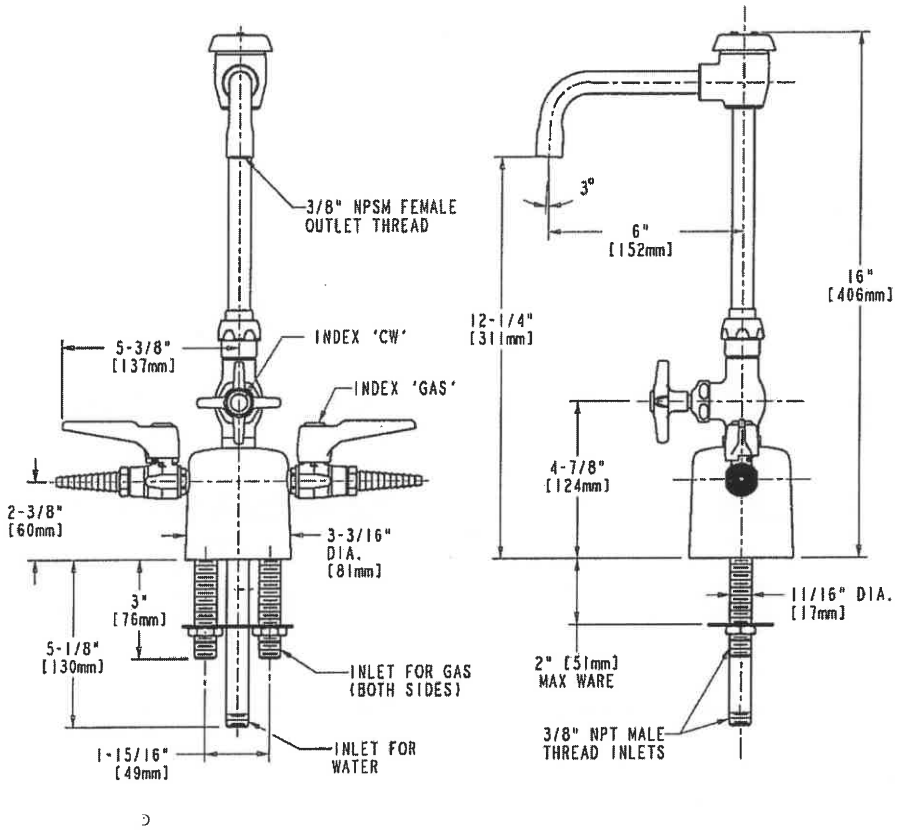
2100 South Clearwater Drive
Des Plaines, IL
P: 847/803-5000
F: 847/803-5454
Technical: 800/TEC-TRUE
www.chicagofaucets.com

1301-GN2BVBCP

Multiple Service Fixtures

Architect/Engineer Specification

Chicago Faucets No. 1301-GN2BVBCP, Multiple Service Valve, combination triple service, chrome plated. Deck mounted. Serrated, full-flow laboratory nozzle. Includes shank assembly. May be used with most laboratory gases. NOTE: Atmospheric vacuum breaker is NOT intended for continuous pressure applications. 909 Valve is Certified for Gas Service per ANSI Z21.15b-2006/CSA 9.1b-2006 by the Canadian Standards Association. Mounting hardware included. NOTE: Atmospheric vacuum breaker is NOT intended for continuous pressure applications. Secondary control valve: Rigid/swing gooseneck spout with atmospheric vacuum breaker, 6" center-to-center. 2-1/2" metal, vandal-proof, cross handle with eight-point, tapered broach and button indexed "CW". Slow compression rebuildable cartridge, opens and closes 360° for fine adjustment, closes with water pressure, features square, tapered stem.



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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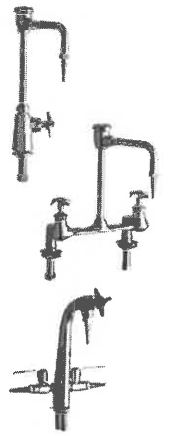
www.chicagofaucets.com

Laboratory Fitting Installation Instructions

For use with Laboratory Water Faucets and Valves, Multi-Service Fittings, Remote Valves, and Fumehood Valves

CHICAGO FAUCETS
Geberit Group



Overview

Chicago Faucets laboratory fittings are precision equipment for dispensing water or laboratory gases in highly specialized applications. These fittings feature interchangeable components and heavy-duty brass construction for a lifetime of reliable use.

Notice to the Installer

- Read this entire instruction sheet before installing to ensure proper installation.
- Installation must comply with local codes and ordinances.

Pressurized plumbing fixtures shall be installed in accordance with manufacturer's recommendations. The supply piping to these devices shall be securely anchored to the building structure to prevent installed device from unnecessary movement when operated by the user. Care shall be exercised when installing the device to prevent marring the exposed surface.

NOTE: The information in this manual is subject to change without notice.

Please leave these instructions with the facility manager after completing the faucet installation. This document contains information necessary for routine maintenance and servicing.

NOTE: Before installation, turn off water supplies to existing faucet and remove faucet if replacing. Clean faucet basin and clear away debris. Flush all supply lines before connecting to faucet. Failure to do so can result in debris clogging the inlets and/or cartridges.

SAFETY WARNING

For fittings with a serrated nozzle outlet that allows the attachment of laboratory tubing, Chicago Faucets strongly recommends the use of an in-line vacuum breaker (model E22) between the nozzle and fitting to prevent water from flowing back through the nozzle and contaminating the water supply.

INSTALLER NOTE

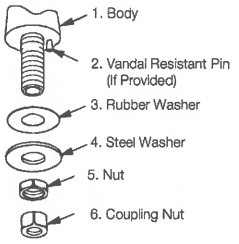
For proper joint installation, DO NOT USE a pipe joint compound that contains ammonia compounds or one that can become acidic. The preferred material for threads and flanges is a fast-setting, non-hardening paste that seals thread joints, is non-toxic, and is suitable for use with potable water, natural gas, steam, compressed air, and other special gases. Teflon® tape may be used when applied in accordance with professional plumbing practices.

Single-Supply Basin Fittings (including vandal resistant fittings)

NOTE: For vandal resistant fittings only, the installer must drill a hole in the deck to accommodate the Vandal Resistant Pin (Figure 1, item 2). It is important to obtain the rough-in drawing for the particular model being installed. The drawing illustrates the exact size and positioning of the pinhole.

1. Apply plumber's putty or Rubber Washer (item 3) to underside of faucet body (item 1).
2. Place body shank through hole in deck. If installing a vandal resistant fitting, align Vandal Resistant Pin (item 2) with pre-drilled pinhole in deck. Assemble Steel Washer and Nut (items 4 and 5) to shank and tighten securely.
3. Flush supply line. If using a bullnose supply tube, attach to shank with Coupling Nut (item 6) and tighten securely. Flexible supply hoses do not require the Coupling Nut.
4. Assemble spout as shown in Figure 2. For Rigid Spout installation, place 1/8" Thick Plastic Washer into spout base bore and discard plastic Split Washers.
5. Attach spout to fitting and tighten Spout Nut (Figure 2, item 2). If outlet is pre-installed, remove outlet and flush fitting for one minute. Replace outlet.

Figure 1



Widespread Fittings (wall and deck-mounted)

1. If Flanges (Figure 3, item 1) are included, place them over supply piping or shanks.
2. Attach Supply Arms (item 2) to threaded supply piping or shanks using pipe sealant.
3. If installing adjustable Supply Arms, align them with inlets on fitting.
4. Install Gaskets (item 3) and tighten Supply Arms to fitting with a crescent wrench. Make sure fitting is level.
5. Assemble spout as shown in Figure 2 for Rigid Spout installation, place 1/8" Thick Plastic Washer into spout base bore and discard plastic Split Washers.
6. Attach spout to fitting and tighten Spout Nut (Figure 2, item 2). If outlet is pre-installed, remove outlet and flush fitting for one minute. Replace outlet.

Figure 2

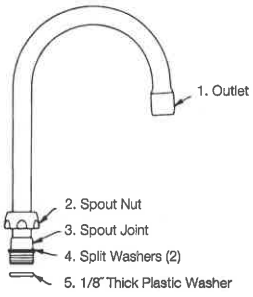


Figure 3

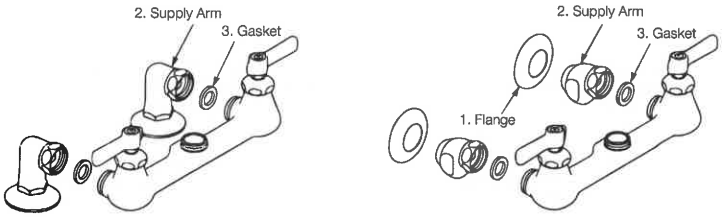
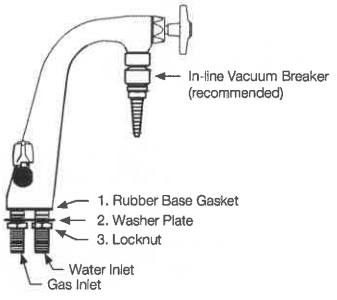


Figure 4



Dual-Service Fittings (including 1332, 1333, 1334 Series)

1. Insure supply holes are drilled in deck, 7/8" - 1" dia. (22.22-25.4 mm). It is important to obtain the rough-in drawing for the particular model being installed. The drawing illustrates the exact size and positioning of the supply holes.
2. Install Rubber Base Gasket (Figure 4, item 1) to fitting. Insert fitting through pre-drilled holes in deck.
3. Using Washer Plate (item 2) and Locknut (item 3), secure fitting to deck.
4. Apply appropriate pipe sealant to both water and gas inlets before attaching supply lines. Connect supply lines to Water Inlet and Gas Inlet as shown in Figure 4.

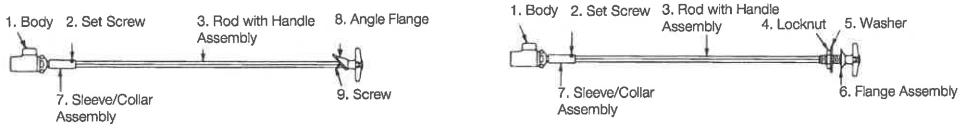
Laboratory Faucets Installation Instructions
(continued)

CHICAGO FAUCETS
Geberit Group

Remote Control Fittings

1. Assemble valve Body (Figure 5, item 1) into fume hood using standard piping procedure.
2. If included, remove Locknut (item 4) and Washer (item 5) from Flange Assembly (item 6).
3. Place Flange Assembly through hole in wall and tighten securely with Locknut. For fittings with Angle Flange (item 8), secure Angle Flange to wall using the two Screws (item 9) provided.
4. If rod is too long, cut proper length from end opposite handle attachment.
5. Place Rod with Handle Assembly (item 3) through hole in flange and into Sleeve/Collar Assembly (item 7). Tighten Set Screw (item 2) to secure rod.

Figure 5



Panel Mounted Fumehood Valves

IMPORTANT

The front load fume hood fittings described in these installation instructions are available in both right-hand and left-hand models. Right-hand models are marked on both sides of the body with an "R" and left-hand models are marked with an "L". Due to the use of these fittings in both right- and left-hand fume hoods, the bodies are marked on both sides with directional flow arrows. Regardless of the model used, the fittings are designed to be installed such that the inlet is on the bottom.

1. Panel-mounted fume hood valves are shipped as shown in Figure 6 to ease installation. These valves are designed to be installed in a 45-degree angled fume hood equipped with 1-1/2" (38.1 mm) diameter mounting holes. Before proceeding with the installation, identify and familiarize yourself with all of the components shown in Figure 6.
2. Remove the Hold-Down Nut (item 3) from the Body and the Handle Screw (item 5) from the Cartridge Stem (item 4). With a pair of pliers, make sure the Shoulder Washer (item 2) has been tightened into place against the Body: the threads on the two components should lock together.
3. Place the front end of the Body (the end containing the operating cartridge) through the 1-1/2" diameter hole in the fume hood and secure the fitting in place by assembling the Hold-Down Nut onto the Body. Hand tighten the Hold-Down Nut from the front of the fume hood (see Figure 7). Do not fully tighten the Hold-Down Nut at this time.
4. Align the mounted fitting from the back of the fume hood so the Body inlet and outlet are in line and the Body is parallel to the fume hood sidewall. Using your free hand or a tool to support the valve body from the back, tighten the Hold-Down Nut securely with a wrench.
5. With fitting now firmly secured to the fume hood, place the handle onto the Cartridge Stem and tighten into place with the Handle Screw. If applicable, insert the appropriate index button into handle.
6. Complete the inlet and outlet piping to the fitting and check for leaks.

IMPORTANT SERVICE NOTE

Chicago Faucets panel-mounted fume hood fittings have been designed so that servicing of the cartridge can be done from the front (user's) side of the fume hood. Before servicing, ensure that the main supply valve to the fitting has been completely turned off, then purge the fitting by completely opening the valve and releasing trapped material into the fume hood. Support the fitting by holding the Hold-Down Nut (Figure 6, item 3) in place with a wrench before loosening the cartridge cap nut.

Figure 6

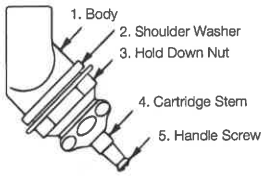
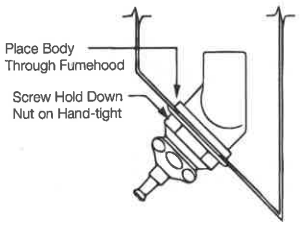


Figure 7

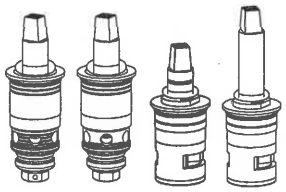


Quaturn and Slow-Compression Cartridges

Cartridges are stamped "RH" for right-hand and "LH" for left-hand.

NOTE: Always place a new cartridge in the closed position when installing into valve body.

1. Push cartridge into fitting body until it is fully seated.
2. Install cap nut and hand tighten.
3. Install handle.
4. FOR RIGHT-HAND CARTRIDGE: Hold handle in CLOSED position and fully tighten cap nut to 15-25 ft/lb torque.
5. FOR LEFT-HAND CARTRIDGE: Hold handle in OPEN position and fully tighten cap nut to 15-25 ft/lb torque. Return handle to CLOSED position and check handle alignment.



Klo-Self (Cam-in-Cap) Self-Closing Cartridges

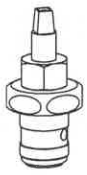
NOTE: Right-hand and left-hand (Hot and Cold) units are identical.

1. Place cartridge into fitting body until it is fully seated.
2. Install cap nut and hand tighten.
3. Install handle in desired position.
4. Hold handle in place and tighten cap nut with wrench to 15-25 ft/lb torque.

Needle Valve Cartridges (models 962-X, 966-X, 966-XSS)

NOTE: Models 966-X and 966-XSS are accurate control needle valve cartridges with a fine pitch stem thread. Model 966-XSS features a stainless steel seat. These cartridges are right-hand only, closing in a clockwise direction. Excessive closing torque can damage the cartridge and should not be applied.

1. Place cartridge into fitting body until it is fully seated.
2. Be sure washer is in place under cap nut. Install cap nut and hand tighten.
3. Install handle in desired position.
4. Hold handle in place and tighten cap nut with wrench to 15-25 ft/lb torque.



Care and Maintenance

All Chicago Faucets fittings are designed and engineered to meet or exceed industry performance standards. Care should be taken when cleaning this product. Do not use abrasive cleaners, chemicals or solvents as they can result in surface damage. Use mild soap with warm water for cleaning and protecting the surface of Chicago Faucets fittings.

For additional technical assistance, call 800/TEC-TRUE (800-832-8783) or visit our website at chicagofaucets.com.

CHICAGO FAUCETS LIMITED WARRANTY

TO WHOM DOES THIS WARRANTY APPLY? — The Company extends the following limited warranty to the original user only.

WHAT DOES THIS WARRANTY COVER AND HOW LONG DOES IT LAST?
This warranty covers the following Commercial Products:

LIFETIME FAUCET WARRANTY — The "Faucet," defined as any metal cast, forged, stamped or formed portion of the Product, not including electronic or moving parts or other products separately covered by this Limited Warranty or water restricting components or other components, is warranted against material manufacturing defects for the life of the Product.

FIVE YEAR FAUCET WARRANTY — Certain Products and portions of the Product are warranted against material manufacturing defects for a period of five (5) years from the date of Product purchase. Products warranted against material manufacturing defects for a period of five (5) years from the date of Product purchase are referred to by the product numbers 42X, 43X, 15XX and E-Tronic® - 4X, 5X, 6X, 7X, 8X and 9X. All zinc die cast portions of Product are warranted against material manufacturing defects for a period of five (5) years from the date of Product purchase.

THREE YEAR ELECTRONICS WARRANTY – Electronic components, including the solenoid, are warranted for three (3) years from the date of installation.

FIVE YEAR CARTRIDGE WARRANTY — The "Cartridge", defined as the metal portion of any Product typically referred to by the product numbers containing 1-099, 1-100, 377X, 217X and 274X, excluding any rubber or plastic components, is warranted against material manufacturing defects for a period of five (5) years from the date of Product purchase. All Cartridges included in the Company's Single Control or Shower Products also are warranted against material manufacturing defects for a period of five (5) years from the date of Product purchase.

ONE YEAR FINISH WARRANTY - COMMERCIAL — For Products used in commercial applications, the finish of the Product is warranted against material manufacturing defects for a period of one (1) year from the date of Product purchase.

OTHER WARRANTIES -- All other Products not covered above are warranted against material manufacturing defects for a period of one (1) year from the date of Product purchase.

Other restrictions and limitations apply. For complete warranty details, call Chicago Faucets Customer Service at 847-803-5000 or visit chicagofaucets.com.

The Chicago Faucet Company
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Des Plaines, IL 60018
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 TAG-277 06/17

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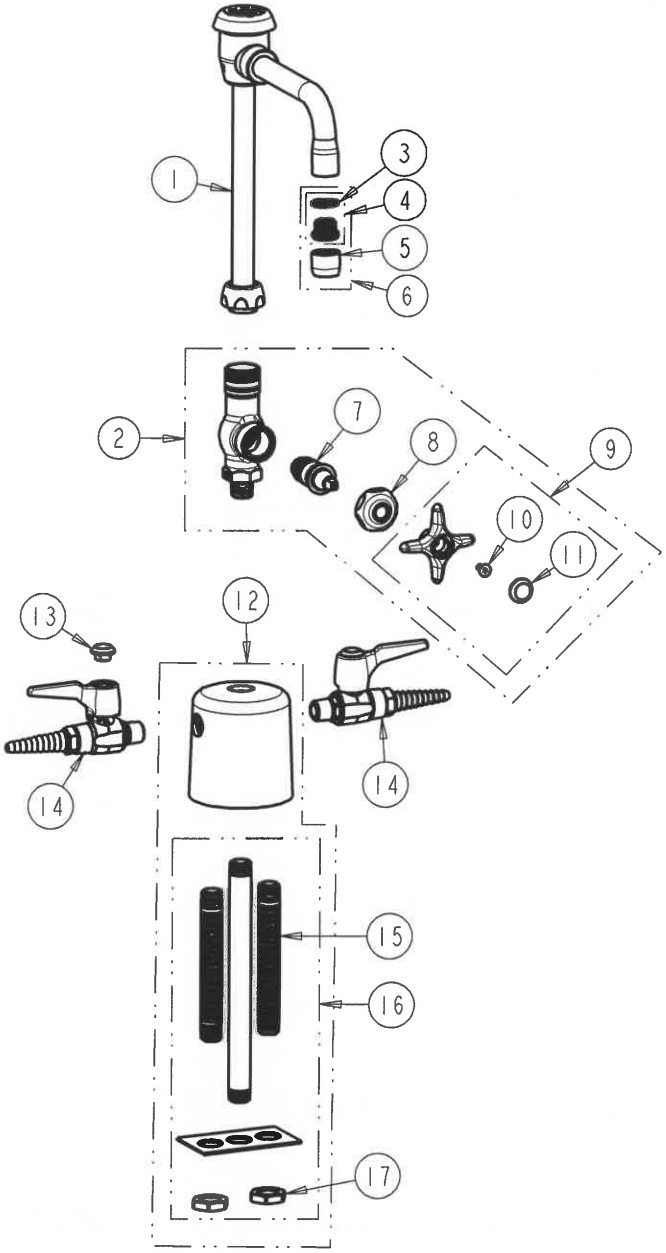
FOR TECHNICAL ASSISTANCE
1-800-TEC-TRUE (1-800-832-8783)

REPAIR PARTS

BY: JAR	DATE: 06-24-14
CHK:	REV:

FITTING NO.
1301-GN2BVBCP
SUBMITTED MODEL NO.
ITEM NO.



ITEM	PART NO.	DESCRIPTION	ITEM	PART NO.	DESCRIPTION
1	GN2BVBJKABCP	VACUUM BREAKER SWING SPOUT	10	420-020JKNF	SCREW, 1/8 FLAT HEX HEAD X 1/2
2	937-225-5CP	WATER COCK	11	216-178JKNF	BUTTON 'CW'
3	229-003JKABNF	WASHER	12	1301-SBJKCP	TURRET
4	K2JKABRCF	ADAPTER w/WASHER	13	216-328JKNF	BUTTON 'GAS'
5	E3JKABCP	OUTLET, AERATOR 2.2 GPM	14	909-LEB	BALL VALVE
6	E3-2JKABCP	OUTLET, AERATOR&ADAPTER 2.2 GPM	15	957-003JKABRBF	MALE THREAD SHANK
7	217-XTLHJKABNF	CARTRIDGE, SLO-COMPRESSION (LH)	16	1301-SB1KJKRBF	SHANK ASSEMBLY
8	1-214JKCP	CAP	17	705-008JKRBF	NUT
9	204-CWJKCP	HANDLE ASSEMBLY (CW)			

LABORATORY FITTINGS

Installer Note:

For proper joint installation, DO NOT USE a pipe joint compound which contains ammonia compounds or one that can become acidic. The preferred material for threads and flanges is a fast-setting, non-hardening paste which seals thread joints, is non-toxic and may be used for water, natural gas, steam, compressed air, and other special gases. Teflon ® tape may be used when applied in accordance with professional plumbing practices.

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