

Installation Instructions

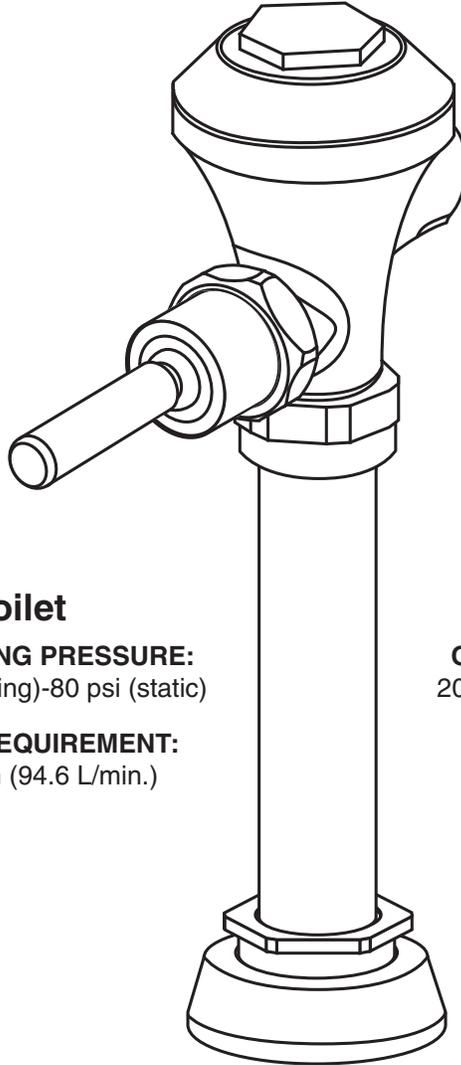
Ultima™ Manual Flush Valve

Diaphragm-Type

MODEL NUMBERS

6147 Series

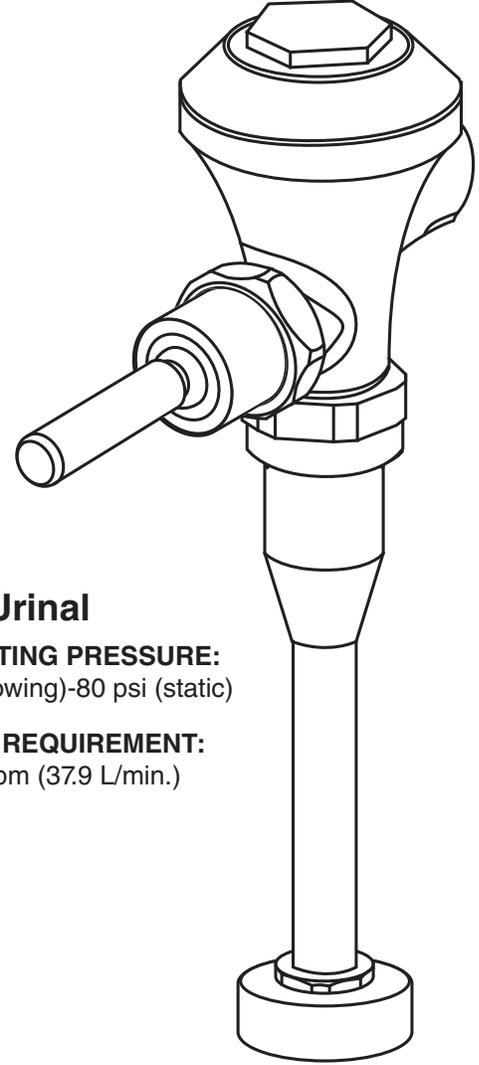
6145 Series



Toilet

OPERATING PRESSURE:
25 psi (flowing)-80 psi (static)

FLOW REQUIREMENT:
25 gpm (94.6 L/min.)



Urinal

OPERATING PRESSURE:
20 psi (flowing)-80 psi (static)

FLOW REQUIREMENT:
10 gpm (37.9 L/min.)

Certified to comply with:

- ASSE 1037
- ANSI/ASME A112.19.2
- ADA Compliant

American Standard

NOTE TO INSTALLER: Please give this manual to the customer after installation.

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please call (844) CRT-TEAM / (844) 278-8326 (In Canada: 1-800-387-0369)
(In Toronto Area only: 1-905-306-1093)

American Standard
CRT
Certified Response Technician

Thank you for selecting American-Standard...the benchmark of fine quality for over 100 years. To ensure that your installation proceeds smoothly--please read these instructions carefully before you begin.

UNPACKING

All American Standard Products Are Water Tested At Our Factory. Some Residual Water May Remain In The Valve During Shipping



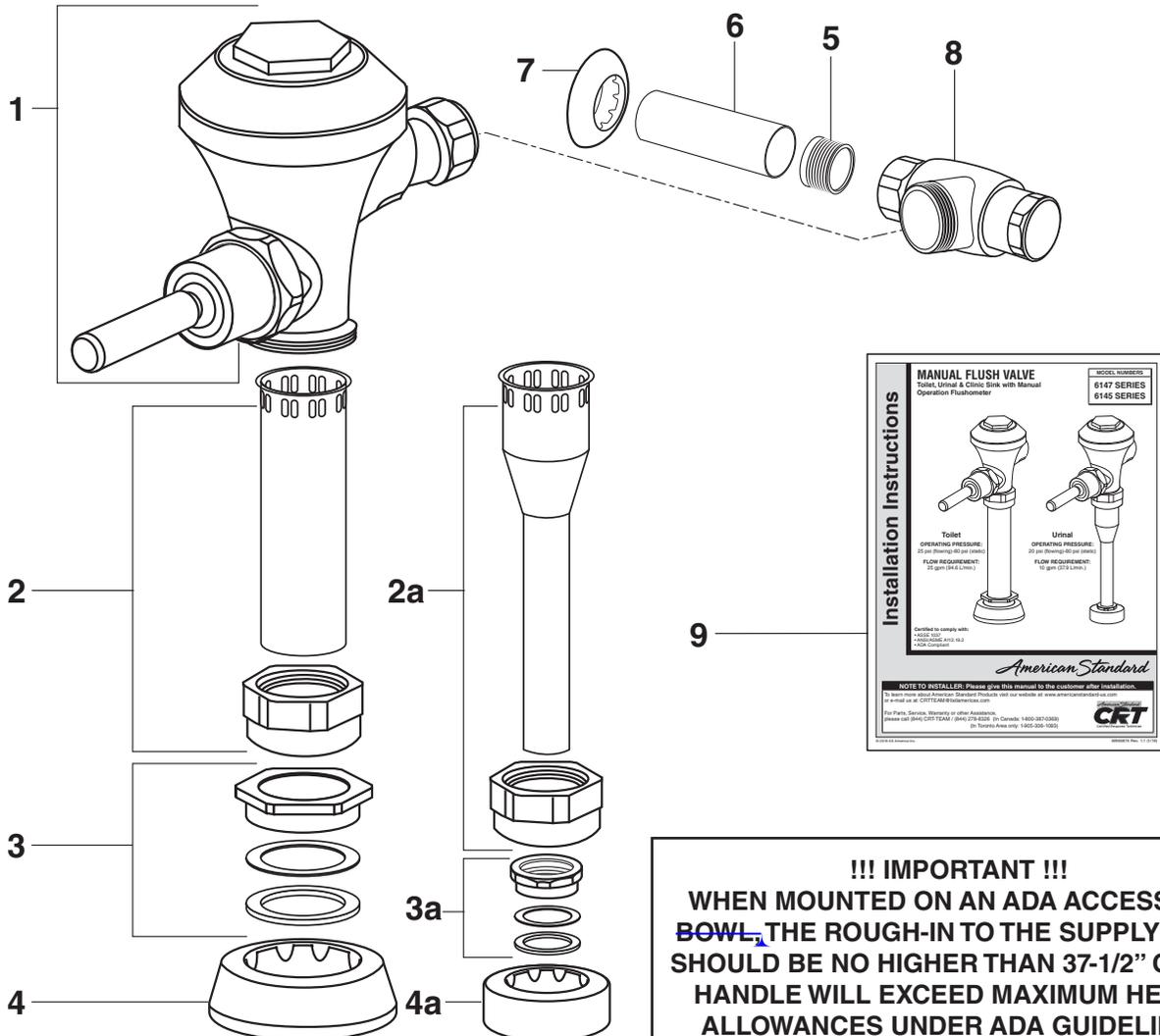
1. Remove the Flush Valve items from the carton. The illustration below shows all items after they have been removed from the carton. Some items may be packaged partially assembled to other items.

- | | |
|--|-----------------------------|
| 1. Flush Valve Assembly | 5. Sweat Solder Adapter |
| 2. Vacuum Breaker Assembly for Toilet | 6. Cover Tube |
| 2a. Vacuum Breaker Assembly for Urinal | 7. Wall Escutcheon |
| 3. Spud Coupling Nut and Washers for Toilet | 8. Supply Stop |
| 3a. Spud Coupling Nut and Washers for Urinal | 9. Installation Instruction |
| 4. Spud Flange for Toilet | |
| 4a. Spud Flange for Urinal | |

CARE INSTRUCTIONS:

DO: CLEAN WITH CLEAR WATER. DRY WITH A SOFT COTTON FLANNEL CLOTH.

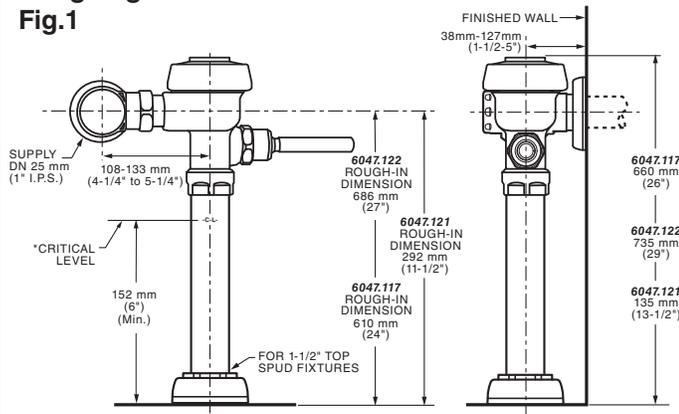
DO NOT: DO NOT CLEAN THE PRODUCT WITH SOAPS, ACID, POLISH, ABRASIVES, HARSH CLEANERS, OR A CLOTH WITH A COARSE SURFACE.



!!! IMPORTANT !!!
WHEN MOUNTED ON AN ADA ACCESSIBLE BOWL, THE ROUGH-IN TO THE SUPPLY INLET SHOULD BE NO HIGHER THAN 37-1/2" OR THE HANDLE WILL EXCEED MAXIMUM HEIGHT ALLOWANCES UNDER ADA GUIDELINES.

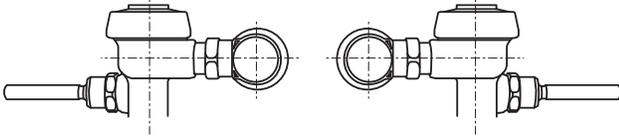


Roughing-in Dimensions Fig. 1

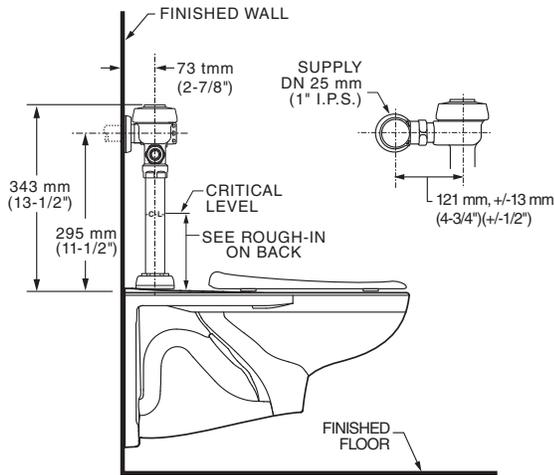


*Note: The Critical Line (-C-L) on Vacuum Breaker must typically be 6" (152mm) minimum above fixture. Consult Codes for details.

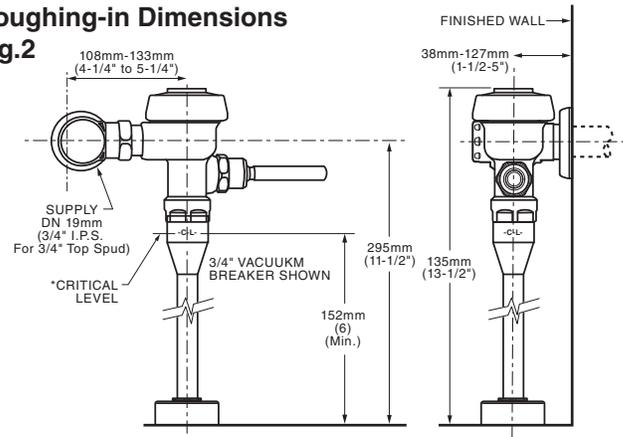
Right or Left Hand Installation



TYPICAL WATER CLOSET INSTALLATION: AFWALL™ TOILET SHOWN

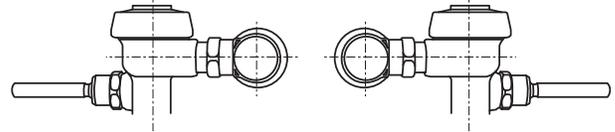


Roughing-in Dimensions Fig. 2

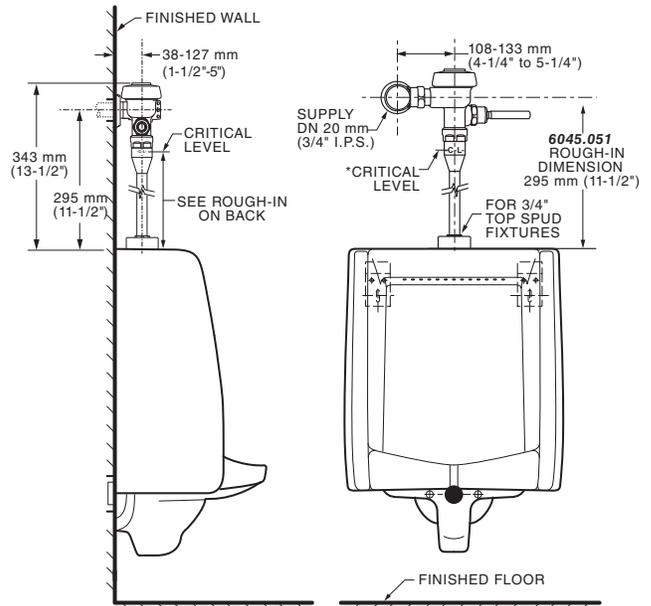


*Note: The Critical Line (-C-L) on Vacuum Breaker must typically be 6" (152mm) minimum above fixture. Consult Codes for details.

Right or Left Hand Installation



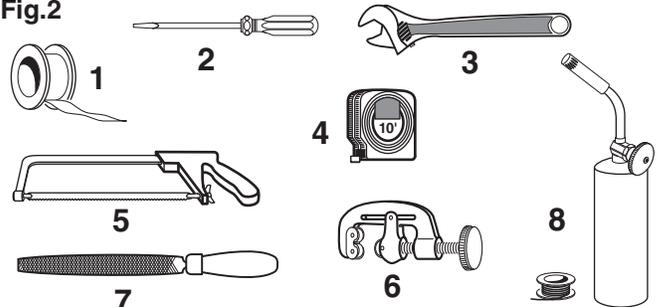
TYPICAL URINAL INSTALLATION: WASHBROOK URINAL SHOWN



RECOMMENDED TOOLS; Fig. 2

1. Teflon Tape
2. Flat Blade Screwdriver (For adjusting Supply Stop)
3. Adjustable Wrench
4. Tape Measure
5. Hacksaw
6. Tubing Cutter
7. File

Fig. 2

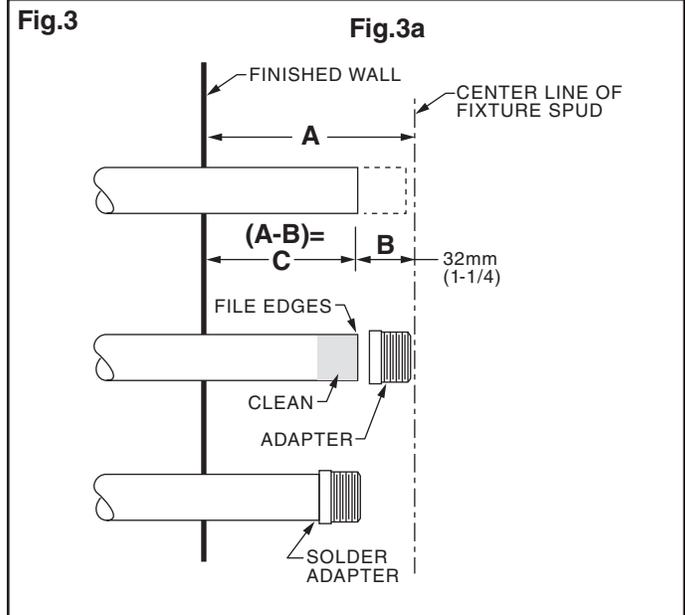


1 INSTALL SWEAT SOLDER ADAPTER; Fig. 3

CAUTION Turn off hot and cold water supplies before beginning.

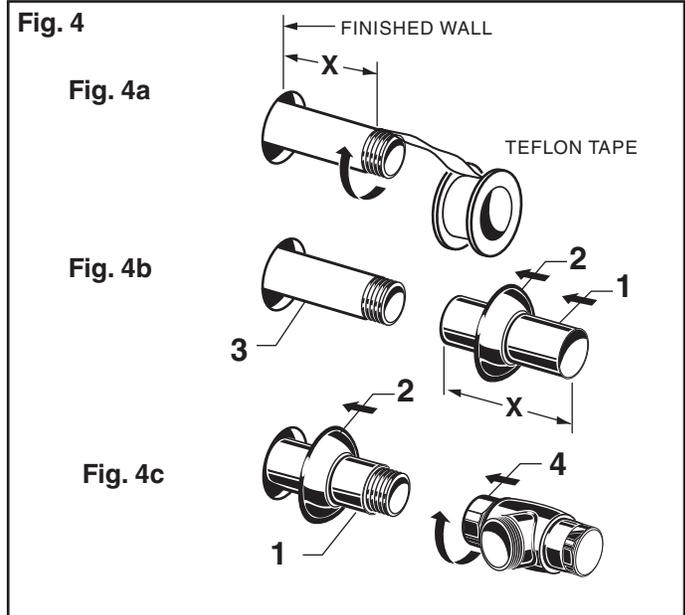
Note: Install Optional Sweat Solder Adapter (Supplied) for copper pipe supply line. Fig. 3.

1. Measure the distance (A) from the finished wall to the center of the inlet spud on the fixture.
2. Cut the supply pipe 1-1/4" (A-B=C) shorter than the measurement taken in Step 1. File any rough edges off the end of the supply pipe.
3. Clean the end of the supply pipe. Push the threaded Adapter on until it is seated against the internal stop. Sweat the Adapter to the pipe.



2 INSTALL COVER TUBE, WALL ESCUTCHEON and SUPPLY STOP; Fig. 4

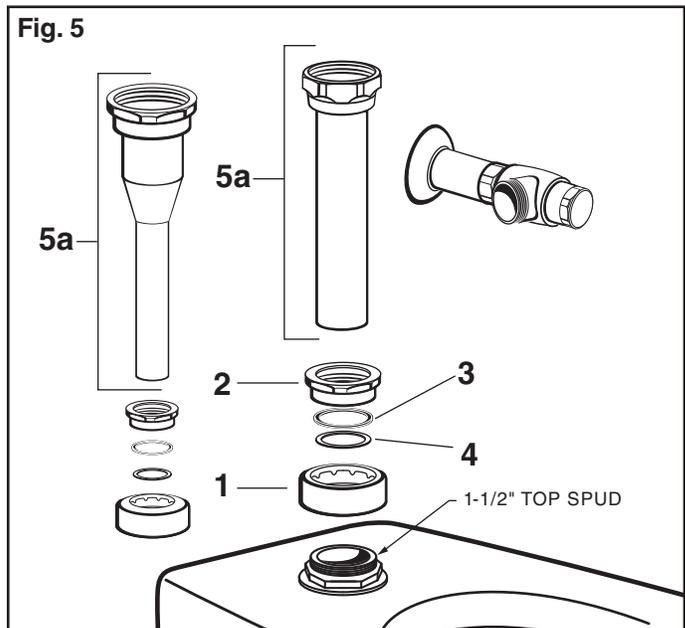
1. Measure from finished wall to first thread of Adapter or threaded supply pipe (dimension "X"). Cut COVER TUBE (1) to length (X). Apply Teflon Tape to the threaded end of the Adapter or supply pipe. Fig. 4a.
2. Push the COVER TUBE (1) into the WALL ESCUTCHEON (2). Slide both onto the SUPPLY PIPE (3). Fig. 4b.
3. Push the COVER TUBE (1) in to expose the threads of the supply pipe. Fig. 4c. With a wrench thread the SUPPLY STOP (4) onto the SUPPLY PIPE (3). Align and tighten. Fig. 4c.
4. Pull COVER TUBE (1) against SUPPLY STOP (4) and push WALL ESCUTCHEON (2) against finished wall.



3 INSTALL VACUUM BREAKER TUBE; Fig. 5

1. Place the SPUD FLANGE (1) over the spud on the Fixture.
2. Place FRICTION WASHER (3) and SEAL WASHER (4) inside SPUD COUPLING NUT (2) and thread onto Spud. Do not tighten fully.
3. Insert the VACUUM BREAKER TUBE (5) or (5a) into the SPUD COUPLING NUT (2) and push it down.

Note: If cutting VACUUM BREAKER TUBE (5) to size, note that Critical Line (C/L) on Vacuum Breaker must typically be 6" (152mm) above fixture. Consult Code for details.



4 INSTALL FLUSH VALVE; Fig. 6a & 6b

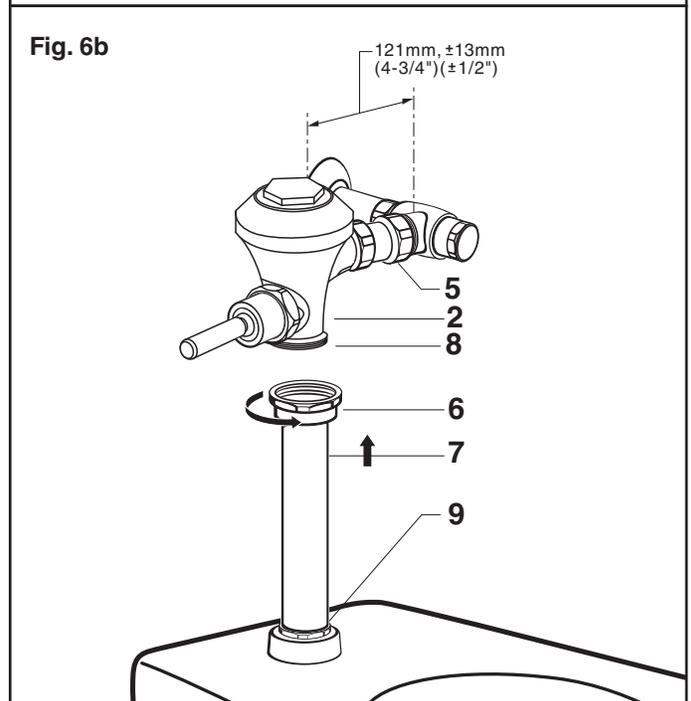
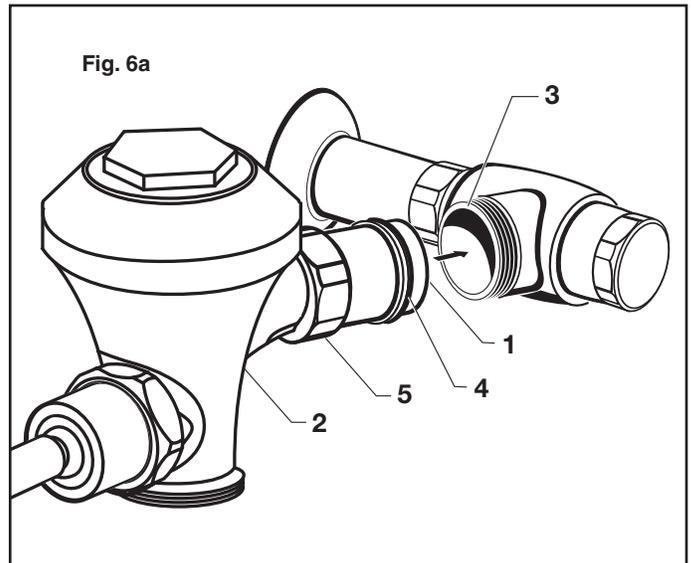
1. As shown in **Fig. 6a**, insert the TAILPIECE (1) on the FLUSH VALVE (2) into the SUPPLY STOP (3). Lubricate the INLET FLANGE O-RING (4) with water if necessary. Lightly tighten COUPLING NUT (5). **Fig. 6a.**

Important: Do not use lubricants (other than water) or any type of thread sealing paste or tape

2. Align the FLUSH VALVE (2) (**Fig. 6b**) directly above the VACUUM BREAKER (7) and VACUUM BREAKER COUPLING NUT (6).

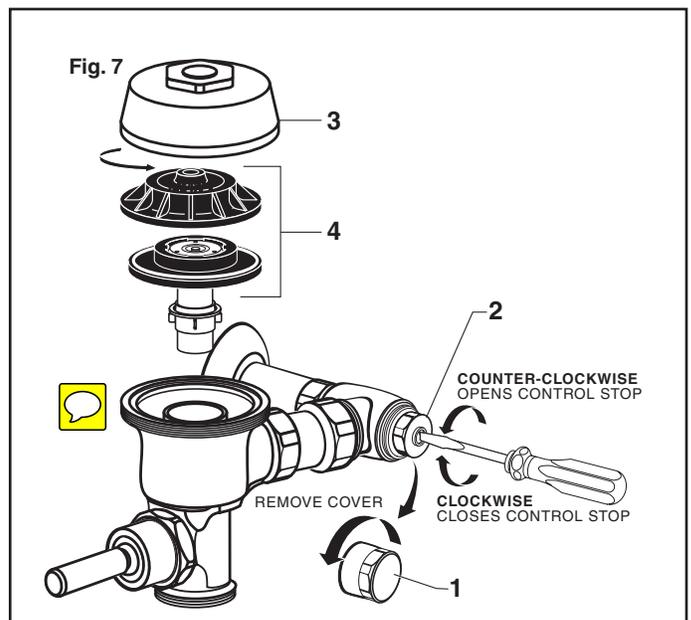
Note: There is a ± 13 mm, ($\pm 1/2$ ") tolerance for the 121 mm (4-3/4") dimension Fig. 6b.

3. Pull the VACUUM BREAKER COUPLING NUT (6) up to meet the threaded FLUSH VALVE CONNECTION (8) and hand tighten. Align all components of the flush valve assembly. **Fig. 6b.**
4. Lightly tighten the COUPLING NUT (5) connection first, then the VACUUM BREAKER COUPLING NUT (6) and finally the SPUD COUPLING NUT (9). Once aligned correctly, use a wrench to tighten couplings to make water tight connections. **Fig. 6b.**



5 FLUSH OUT SUPPLY LINES Fig. 7

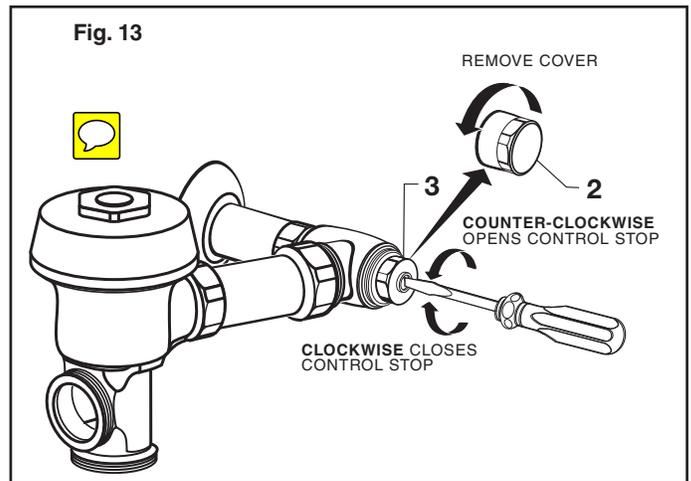
1. Make sure supply stop is closed. Remove COVER (1) from SUPPLY STOP (2). With a flat blade screwdriver close CONTROL STOP (2).
2. Remove FLUSH VALVE CAP (3 & 4). Pull out DIAPHRAGM ASSEMBLY (5). Replace FLUSH VALVE CAP (3 & 4) and tighten.
3. With a flat blade screwdriver open SUPPLY STOP (2). to flush line of any debris or sediment.
4. Close SUPPLY STOP (2). Remove FLUSH VALVE CAP (3 & 4). Replace DIAPHRAGM ASSEMBLY (5). Replace FLUSH VALVE CAP (3 & 4) and tighten



6 ADJUST SUPPLY STOP; Fig. 13

IMPORTANT: To avoid overflowing, the SUPPLY STOP (3) must never be opened to the point where the flow from the valve exceeds the flow capacity of the fixture. Valve is designed to provide stated flush volume with a 25 gpm flow rate for toilet and 10 gpm flow rate for urinal.

1. Remove COVER (2) from SUPPLY STOP (3). Turn on water supply 1/4 turn to 1/2 turn (CCW) and test for leaks.
Note: Unit may flush for approximately 5 to 10 sec. when water is first turned on.
2. Push down on HANDLE (4) to initiate flush.
3. Adjust SUPPLY STOP (3) after each flush until the stated flush volume is achieved, no splashing occurs and the fixture is properly cleansed.
4. When adjustment is complete, reinstall COVER (2) and tighten to ensure vandal-resistance.

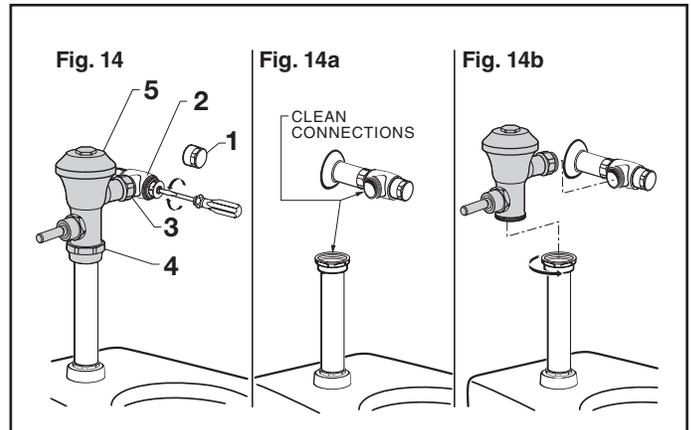


7 HOW TO RETROFIT OUR VALVE; Fig. 14

Replaces Industry Standard Manual and Electronic Valves)

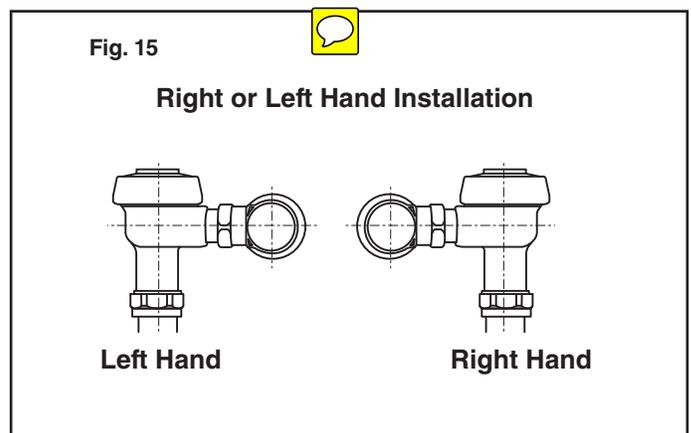
Note: In most Retrofits the wall escutcheon, supply stop, cover tube and vacuum breaker do not have to be replaced. If these items do need replacement they must be purchased separately or order the complete flush valve assembly from American Standard.

1. Remove COVER (1) from SUPPLY STOP (2) if installed. **Fig. 14.**
2. Turn water supply off. **Fig. 14.**
3. Unthread COUPLING NUT (3) and VACUUM BREAKER COUPLING NUT (4). Remove FLUSH VALVE (5). **Fig. 4a.**
4. Clean all threaded connections before installing the new flush valve. **Fig. 14a.**
5. Refer to Sections 4, 5 and 6 to complete the retrofit installation. **Fig. 14b.**



8 LEFT OR RIGHT HAND INSTALLATION; Fig. 15

1. The FLUSH VALVE can be installed either as a right or left hand installation.
2. Orientate the FLUSH VALVE as shown in **Fig. 13** to desired position for a left or right hand installation.

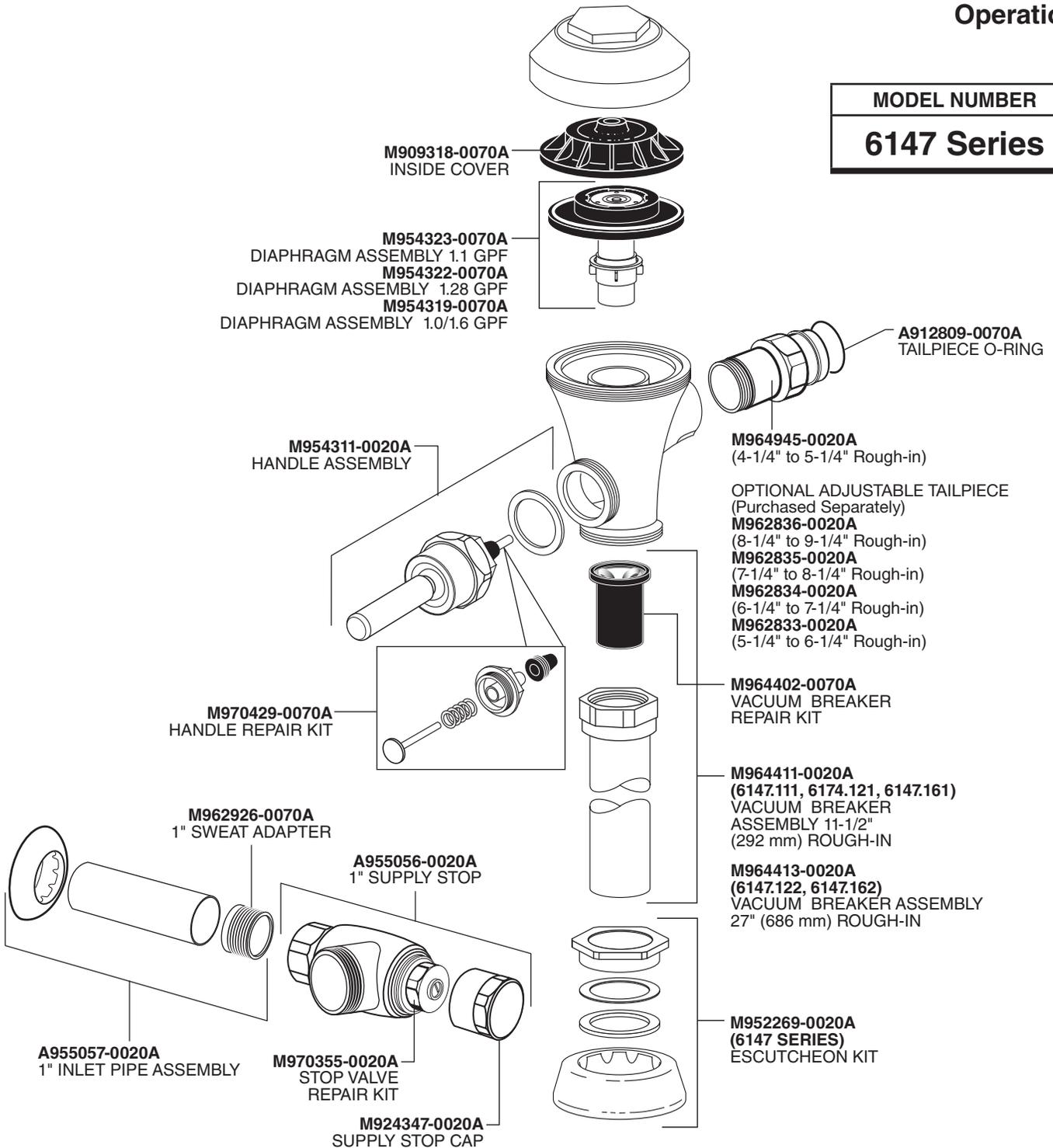


American Standard

DIAPHRAGM FLUSH VALVE

Toilet with Manual Operation

MODEL NUMBER
6147 Series



HOT LINE FOR HELP
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Weekdays 8:00 a.m. to 6:00 p.m. EST
IN MEXICO 01-800-839-1200
IN CANADA 1-800-387-0369 (TORONTO 1-905-306-1093)
Weekdays 8:00 a.m. to 7:00 p.m. EST

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PART OF **LIXIL**

American Standard

Ultima™ Manual Flush Valve

Diaphragm-Type

MODEL NUMBER

6145 Series

M909318-0070A
INSIDE COVER

M954327-0070A
DIAPHRAGM ASSEMBLY 0.125 GPF
M954326-0070A
DIAPHRAGM ASSEMBLY 0.5 GPF
M954319-0070A
DIAPHRAGM ASSEMBLY 1.0/1.6 GPF

A912809-0070A
TAILPIECE O-RING

M954311-0020A
HANDLE ASSEMBLY

M964945-0020A
(4-1/4" to 5-1/4" Rough-in)

OPTIONAL ADJUSTABLE TAILPIECE
(Purchased Separately)

M962836-0020A
(8-1/4" to 9-1/4" Rough-in)

M962835-0020A
(7-1/4" to 8-1/4" Rough-in)

M962834-0020A
(6-1/4" to 7-1/4" Rough-in)

M962833-0020A
(5-1/4" to 6-1/4" Rough-in)

M970429-0070A
HANDLE REPAIR KIT

M964402-0070A
VACUUM BREAKER
REPAIR KIT

M964412-0020A
3/4" VACUUM BREAKER
ASSEMBLY

M964075-0070A
3/4" SWEAT ADAPTER

M955058-0020A
3/4" SUPPLY STOP

M952262-0020A
(6145 SERIES)
ESCUTCHEON KIT

M952261-0020A
3/4" INLET PIPE ASSEMBLY

M970355-0020A
STOP VALVE
REPAIR KIT

M924347-0020A
SUPPLY STOP CAP



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PART OF **LIXIL**

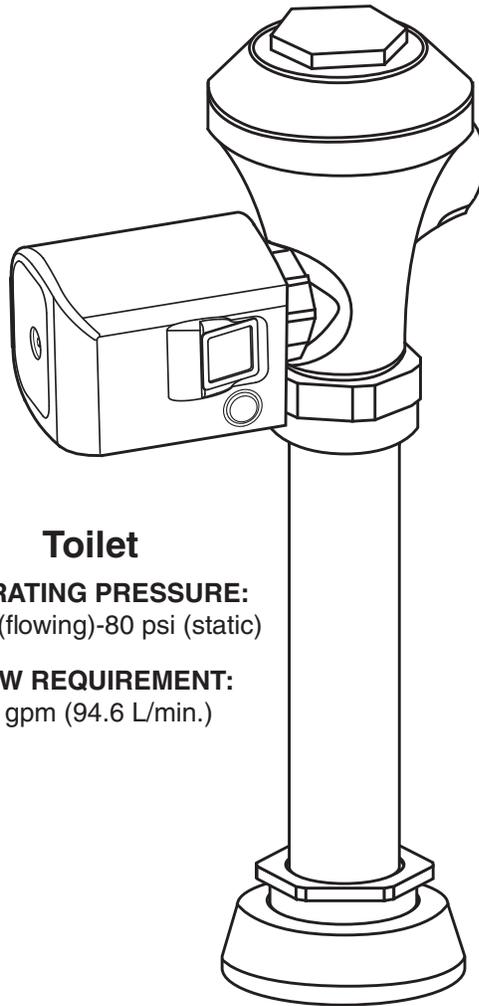
Installation Instructions

Ultima™ Sensor-Operated Flush Valve

With Side-Mount Operator,
Diaphragm-Type

MODEL NUMBERS

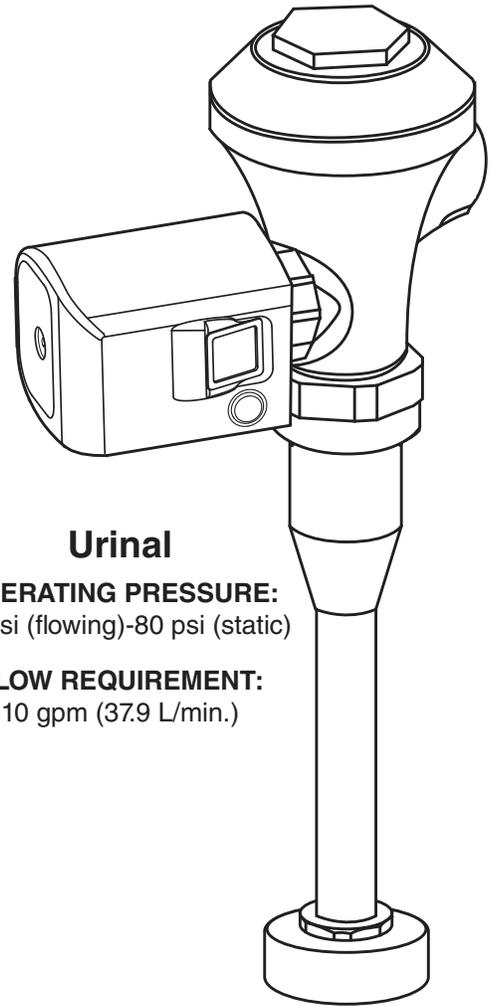
6145SM
6147SM



Toilet

OPERATING PRESSURE:
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FLOW REQUIREMENT:
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Urinal

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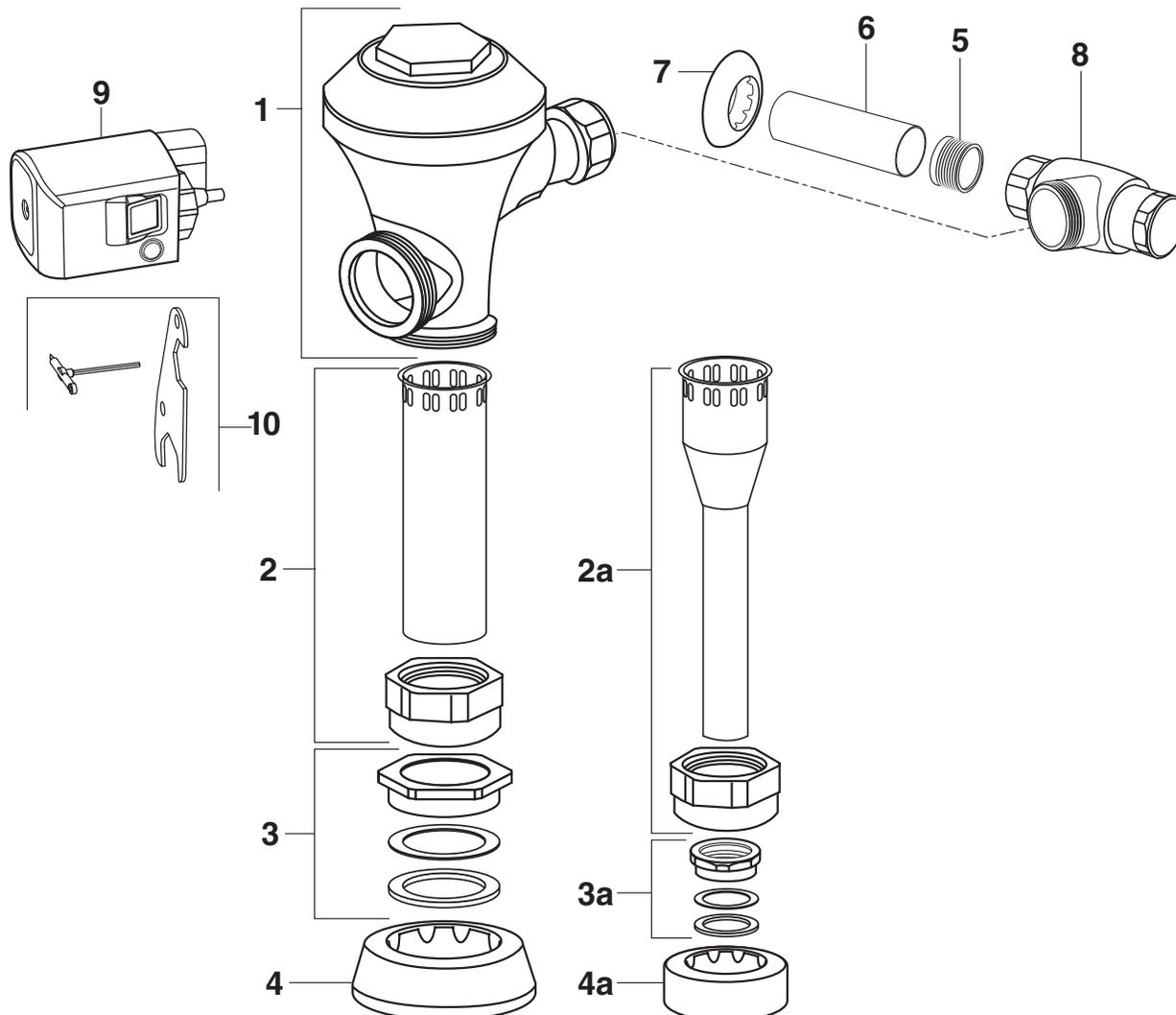
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- | | |
|--|-------------------------|
| 1. Flush Valve Assembly | 5. Sweat Solder Adapter |
| 2. Vacuum Breaker Assembly for Toilet | 6. Cover Tube |
| 2a. Vacuum Breaker Assembly for Urinal | 7. Wall Escutcheon |
| 3. Spud Coupling Nut and Washers for Toilet | 8. Supply Stop |
| 3a. Spud Coupling Nut and Washers for Urinal | 9. Side-Mount Operator |
| 4. Spud Flange for Toilet | 10. Wrench Kit |
| 4a. Spud Flange for Urinal | |

CARE INSTRUCTIONS:

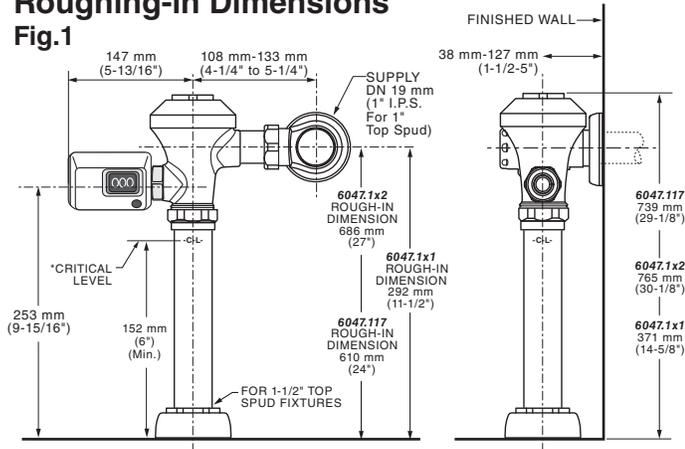
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DO NOT: DO NOT CLEAN THE PRODUCT WITH SOAPS, ACID, POLISH, ABRASIVES, HARSH CLEANERS, OR A CLOTH WITH A COARSE SURFACE.



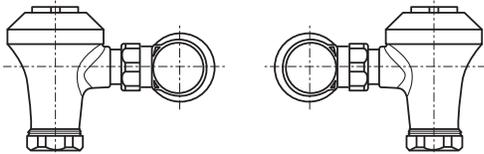
Roughing-in Dimensions

Fig.1

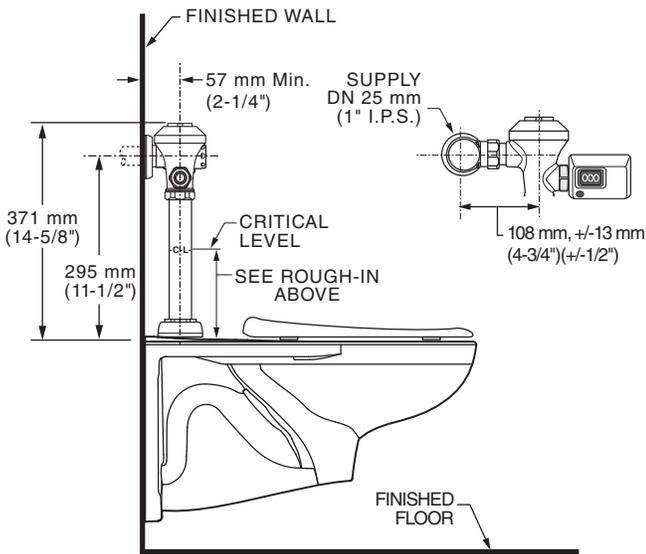


*Note: The Critical Line (-C-L) on Vacuum Breaker must typically be 6" (152mm) minimum above fixture. Consult Codes for details.

Right or Left Hand Installation

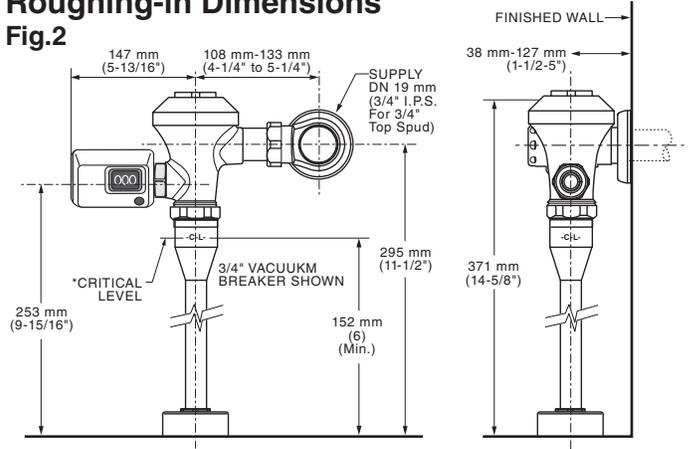


TYPICAL WATER CLOSET INSTALLATION: AFWALL™ TOILET SHOWN



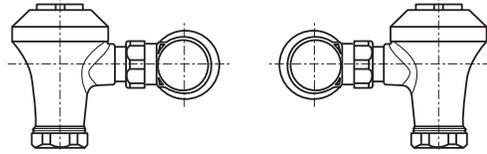
Roughing-in Dimensions

Fig.2

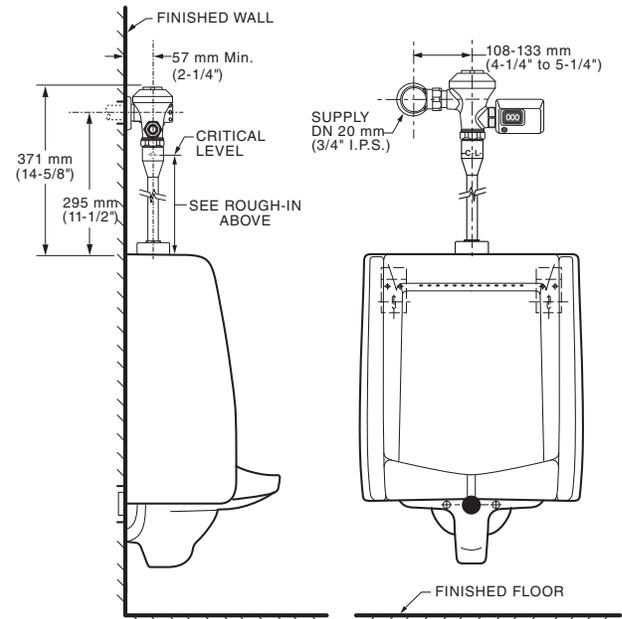


*Note: The Critical Line (-C-L) on Vacuum Breaker must typically be 6" (152mm) minimum above fixture. Consult Codes for details.

Right or Left Hand Installation



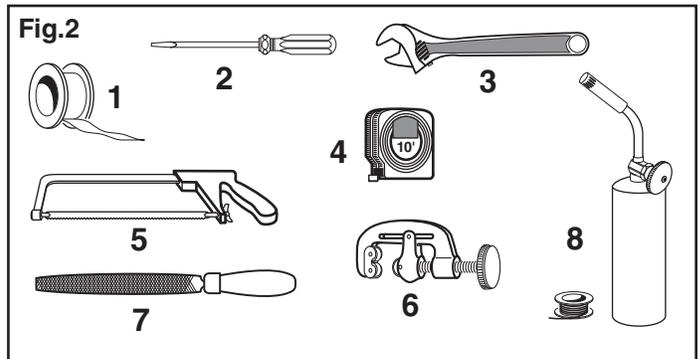
TYPICAL URINAL INSTALLATION: WASHBROOK URINAL SHOWN



RECOMMENDED TOOLS; Fig. 2

1. Teflon Tape
2. Flat Blade Screwdriver (For adjusting Supply Stop)
3. Adjustable Wrench
4. Tape Measure
5. Hacksaw
6. Tubing Cutter
7. File
8. For Sweat Connection; Solder and Torch

Fig.2



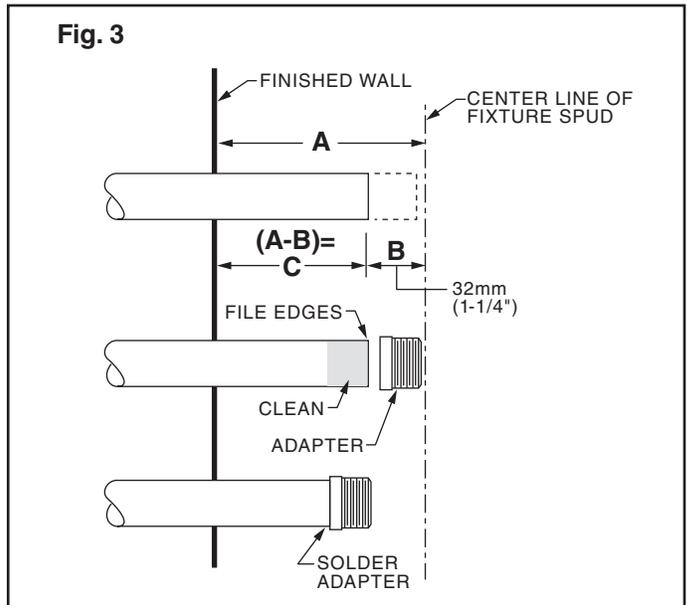
FLUSH VALVE INSTALLATION

1 INSTALL SWEAT ADAPTER; Fig. 3

CAUTION Turn water supplies off before beginning

Note: *Install Optional Sweat Adapter (Supplied) for copper pipe supply line.*

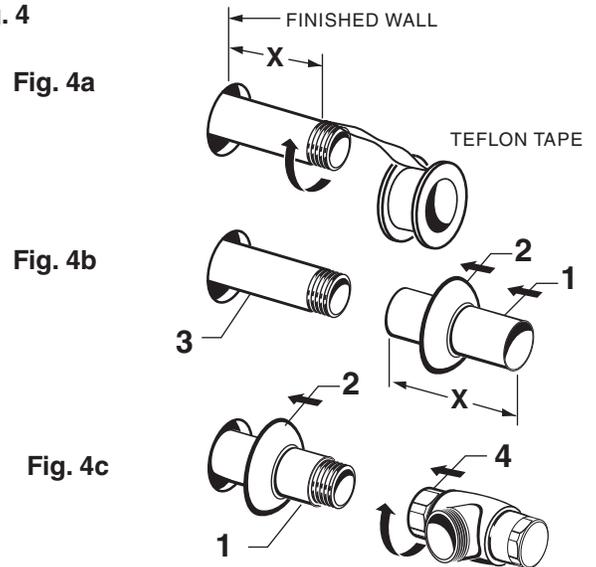
1. Measure the distance (A) from the finished wall to the center of the inlet spud on the fixture.
2. Cut the supply pipe 1-1/4" (A-B=C) shorter than the measurement taken in Step 1. File any rough edges off the end of the supply pipe.
3. Clean the end of the supply pipe. Push the threaded Adapter until it is seated against the internal stop. Sweat the Adapter to the pipe.



2 INSTALL COVER TUBE, WALL ESCUTCHEON and STOP VALVE; Fig. 4

1. Measure from finished wall to first thread of Adapter or threaded supply pipe (dimension "X"). Cut COVER TUBE (1) to length (X). Apply Teflon Tape to the threaded end of the Adapter or supply pipe.
2. Push WALL ESCUTCHEON (2) onto the COVER TUBE (1). Slide both onto the SUPPLY PIPE (3).
3. Push the COVER TUBE (1) in to expose the threads of the supply pipe. With a wrench thread the STOP VALVE (4) onto the SUPPLY PIPE (3). Align and tighten.
4. Pull COVER TUBE (1) against STOP VALVE (4) and push WALL ESCUTCHEON (2) against finished wall.

Fig. 4

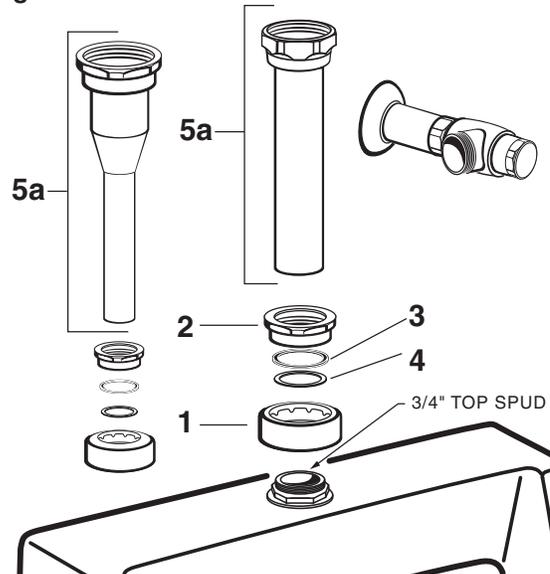


3 INSTALL VACUUM BREAKER TUBE; Fig. 5

1. Place the SPUD FLANGE (1) over the spud on the Fixture.
2. Place FRICTION WASHER (3) and SEAL WASHER (4) inside SPUD COUPLING NUT (2) and thread onto Spud. Do not tighten fully.
3. Insert the VACUUM BREAKER TUBE (5) or (5a) into the SPUD COUPLING NUT (2) and push it down.

Note: *If cutting VACUUM BREAKER TUBE (5) to size, note that Critical Line (C/L) on Vacuum Breaker must typically be 6" (152mm) above fixture. Consult Code for details.*

Fig. 5



4 INSTALL FLUSH VALVE; Fig. 6a & 6b

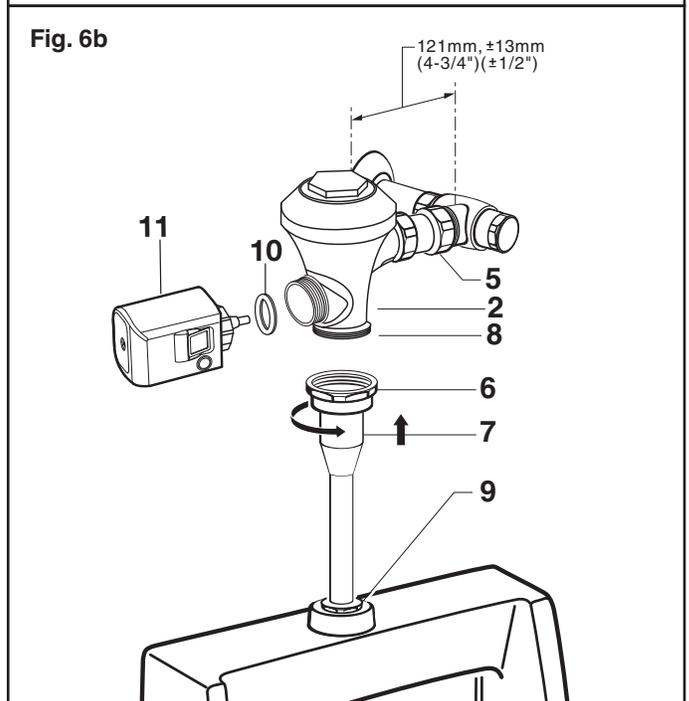
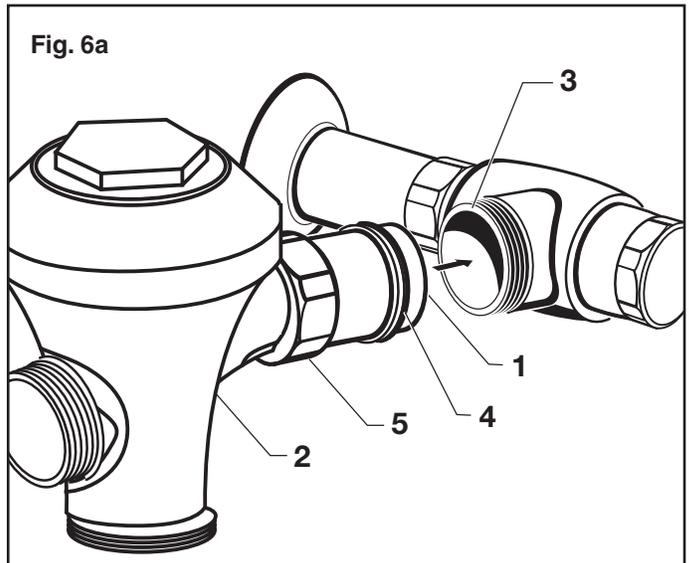
1. As shown in Fig. 6a, insert the side INLET FLANGE (1) on the FLUSH VALVE (2) into the SUPPLY STOP (3). Lubricate the INLET FLANGE O-RING (4) with water if necessary. Lightly tighten COUPLING NUT (5). **Fig. 6a.**

Important: Do not use lubricants (other than water) or any type of thread sealing paste or tape.

2. Align the FLUSH VALVE (2) (**Fig. 6b**) directly above the VERTICAL TUBE (7) and VACUUM BREAKER COUPLING NUT (6).

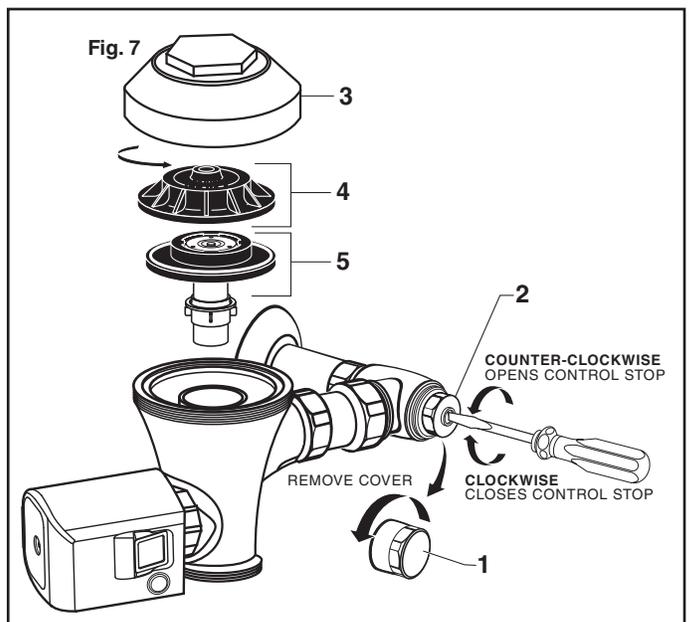
Note: There is a $\pm 13\text{mm}$, ($\pm 1/2$) tolerance for the 121mm (4-3/4") dimension. **Fig. 6b.**

3. Pull the VACUUM BREAKER COUPLING NUT (6) up to meet the threaded FLUSH VALVE CONNECTION (8) and hand tighten. Align all components of the flush valve assembly. **Fig. 6b.**
4. Lightly tighten the COUPLING NUT (5) connection first, then the VACUUM BREAKER COUPLING NUT (6) and finally the SPUD COUPLING NUT (9). Once aligned correctly, use a wrench to tighten couplings to make water tight connections. **Fig. 6b.**
5. After installing FLAT SEAL (10) into FLUSHING UNIT (11), install FLUSHING UNIT (11). **Fig. 6b.**



5 FLUSH OUT SUPPLY LINES; Fig. 7

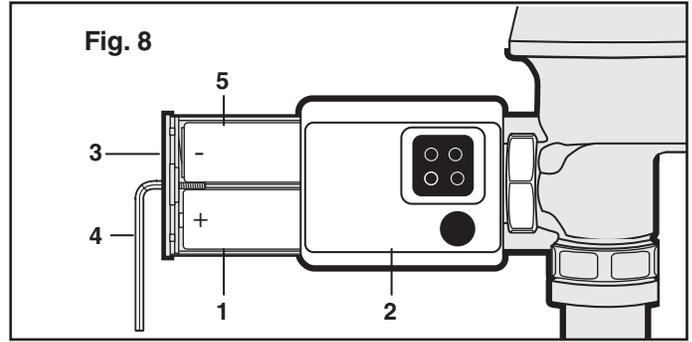
1. Make sure supply stop is closed. Remove COVER (1) from SUPPLY STOP (2). With a flat blade screwdriver close CONTROL STOP (2).
2. Remove FLUSH VALVE CAP (3 & 4). Pull out DIAPHRAGM ASSEMBLY (5). Replace FLUSH VALVE CAP (3 & 4) and tighten.
3. With a flat blade screwdriver open SUPPLY STOP (2) to flush line of any debris or sediment.
4. Close SUPPLY STOP (2). Remove FLUSH VALVE CAP (3 & 4). Replace DIAPHRAGM ASSEMBLY (5). Replace FLUSH VALVE CAP (3 & 4) and tighten.



6 ACTIVATION; Fig. 8

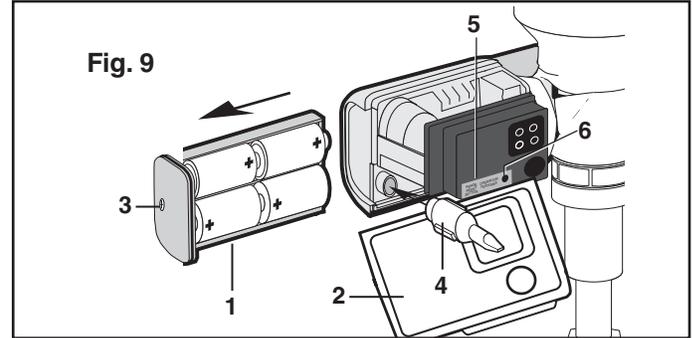
Note: Four (4) “C” Cell batteries are not factory installed inside the Flush unit.

1. Remove BATTERY TRAY (1) by loosening SCREW (3).
2. Load 4 “C” Alkaline BATTERIES (5) onto BATTERY TRAY (1).
3. Install battery tray into SIDE MOUNT OPERATOR (2) and tighten SCREW (3) using WRENCH (4) provided. (**Note:** last three turns of the wrench will activate the automatic flushing unit)



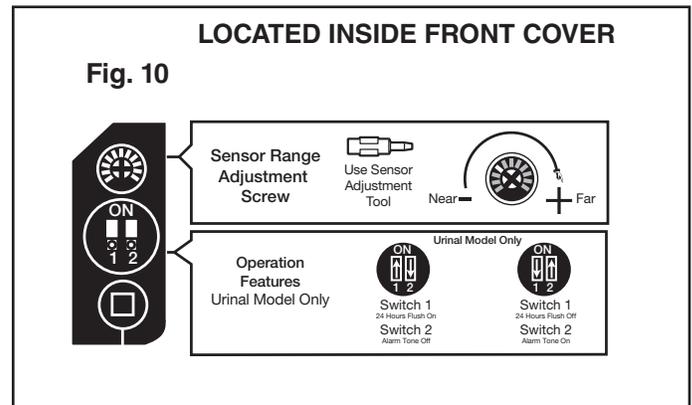
7 ADJUSTING SENSOR DISTANCE; Fig. 8 & 9

1. Remove BATTERY TRAY (1) by loosening SCREW (3). **Fig. 9**
2. Remove FRONT COVER (2) and remove SENSOR ADJUSTMENT TOOL (4). **Fig. 9**
3. Install BATTERY TRAY (1) and SCREW (3) back into the unit. **Fig. 9**
4. Press RANGE RESET BUTTON (5) (When object in view, it will flash green light for 7 minute rest period). **Fig. 9**
5. Stand at a desired distance and use the SENSOR ADJUSTMENT TOOL (4) to turn SENSOR ADJUSTMENT SCREW (6) all the way counter clockwise and then turn clockwise until green L.E.D begins to Flash. **Fig. 9**



8 ADJUSTING MODES OF OPERATION; Fig. 9 & 10

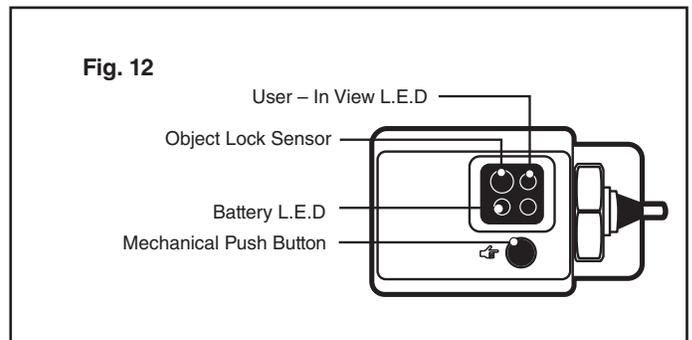
The FLUSH unit includes different modes of operation. Remove FRONT COVER (2) by loosening up SCREW (3) by using a wrench and removing BATTERY TRAY (1). Refer to the “Mode Adjustment Guide” for switch settings. The “Mode Adjustment Guide” can also be found on the inside of side cover for your convenience.



24 Hour Flush On	Allows the flush valve to automatically flush after 24 hour period of non-use to maintain the trap seal.
Alarm Tone	It beeps when the battery is running low. If you don't want it to beep, you can turn off this feature, with the toggle switches.

9 BATTERY REPLACEMENT; Fig. 8

1. Remove BATTERY TRAY (1) by loosening SCREW (3).
2. Replace 4 “C” Alkaline BATTERIES (2). (**Note:** Replace all 4 batteries at the same time for proper function)



10 VISUAL INDICATOR GUIDE; Fig. 12

User – In View L.E.D (1) – 5 second after a user is in view a green light flashes 3 times. (during a startup sequence the green light flashes constantly for 7 minutes when a user is in view)

Battery L.E.D (2) – Yellow light flashes which indicates that the batteries all 4 “C” Alkaline batteries will need to be replaced.

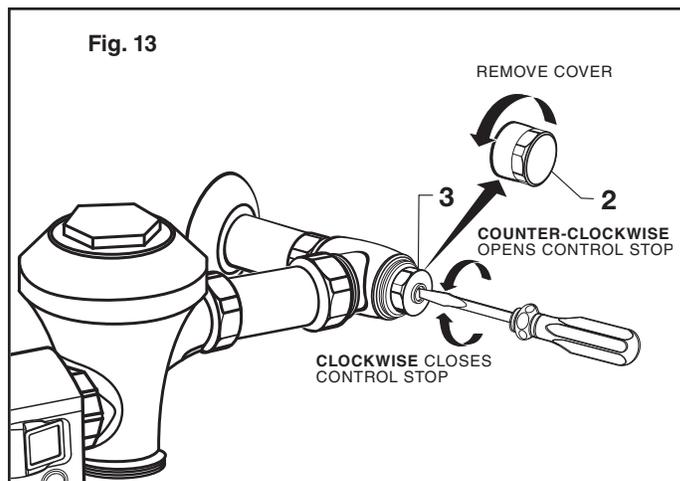
Object Lock Sensor (3) – Detects user or object.

Mechanical Push Button – Allows manual activation of flush when needed and when batteries are drained.

11 ADJUST SUPPLY STOP; Fig. 13

IMPORTANT: To avoid overflowing, the SUPPLY STOP (3) must never be opened to the point where the flow from the valve exceeds the flow capacity of the fixture. Valve is designed to provide stated flush volume with a 25 gpm flow rate for toilet and 10 gpm flow rate for urinal.

1. Remove COVER (2) from SUPPLY STOP (3). Turn on water supply 1/4 turn to 1/2 turn (CCW) and test for leaks. Note: Unit may flush for approximately 5 to 10 sec. when water is first turned on.
2. Push down on HANDLE (4) to initiate flush.
3. Adjust SUPPLY STOP (3) after each flush until the stated flush volume is achieved, no splashing occurs and the fixture is properly cleansed.
4. When adjustment is complete, reinstall COVER (2) and tighten to ensure vandal-resistance.

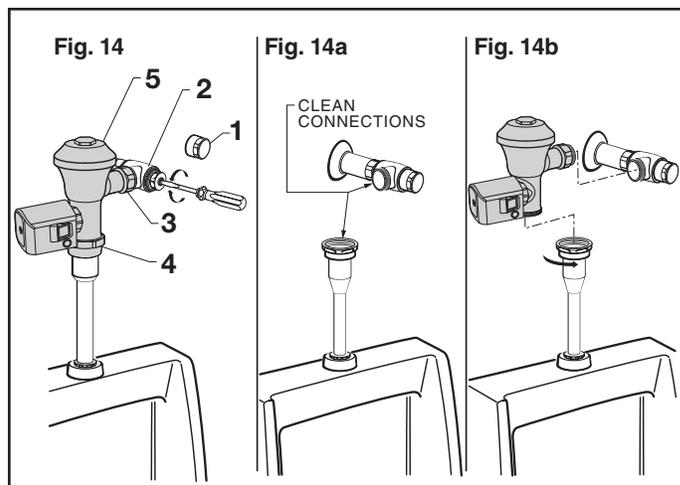


12 HOW TO RETROFIT OUR VALVE; Fig. 14

(Replaces Industry Standard Manual and Electronic Valves)

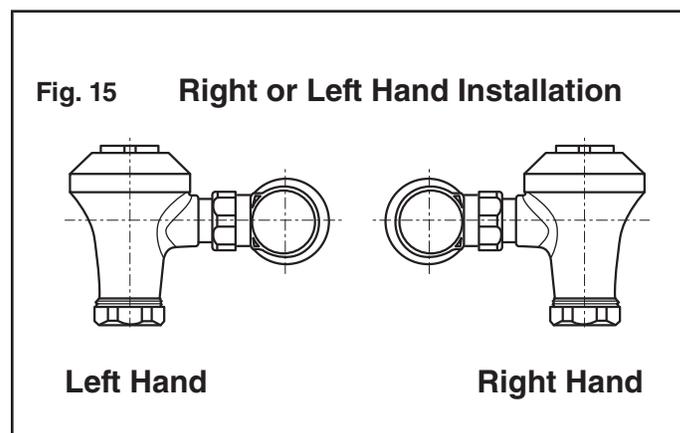
Note: In most Retrofits the wall escutcheon, supply stop, cover tube and vacuum breaker do not have to be replaced. If these items do need replacement they must be purchased separately or order the complete flush valve assembly from American Standard.

1. Remove COVER (1) from SUPPLY STOP (2) if installed. Fig. 14.
2. Turn water supply off. Fig. 14.
3. Unthread COUPLING NUT (3) and VACUUM BREAKER COUPLING NUT (4). Remove FLUSH VALVE (5). Fig. 4a.
4. Clean all threaded connections before installing the new flush valve. Fig. 14a.
5. Refer to Sections 4, 5 and 6 to complete the retrofit installation. Fig. 14b.



13 LEFT OR RIGHT HAND INSTALLATION; Fig. 15

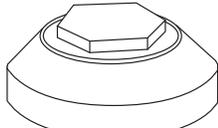
1. The FLUSH VALVE can be installed either as a right or left hand installation.
2. Orientate the FLUSH VALVE as shown in Fig. 13 to desired position for a left or right hand installation.



DIAPHRAGM FLUSH VALVE

Urinal Flushometer with
Side-Mount Operator

MODEL NUMBERS
6145SM



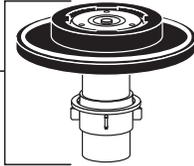
M909318-0070A
INSIDE COVER



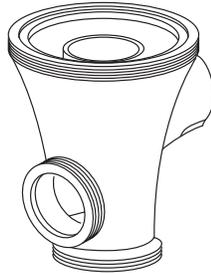
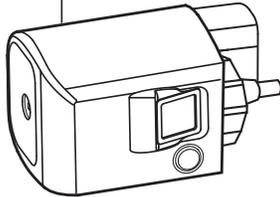
M954327-0070A
DIAPHRAGM ASSEMBLY - 0.125 GPF

M954326-0070A
DIAPHRAGM ASSEMBLY - 0.5 GPF

M954319-0070A
DIAPHRAGM ASSEMBLY - 1.0/1.6 GPF



SMGODIA.002
SIDE MOUNT
OPERATOR



A912809-0070A
TAILPIECE O-RING

M964945-0020A
ADJUSTABLE TAILPIECE
(4-1/4" to 5-1/4" Rough-in)

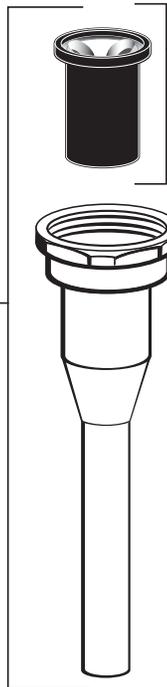
OPTIONAL ADJUSTABLE TAILPIECE
(Purchased Separately)

M962836-0020A (8-1/4" to 9-1/4" Rough-in)

M962835-0020A (7-1/4" to 8-1/4" Rough-in)

M962834-0020A (6-1/4" to 7-1/4" Rough-in)

M962833-0020A (5-1/4" to 6-1/4" Rough-in)



M964402-0070A
HIGH BP VACUUM
BREAKER REPAIR KIT

M964075-0070A
3/4" SWEAT ADAPTER

M964412-0020A
3/4" VACUUM
BREAKER ASSEMBLY
FOR 11-1/2" (220 mm)
ROUGH-IN

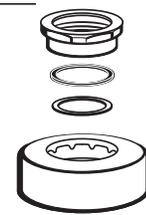
M952261-0020A
3/4" INLET PIPE
ASSEMBLY

M955058-0020A
3/4" STOP VALVE

M970355-0020A
STOP VALVE REPAIR KIT

M924347-0020A
STOP VALVE CAP

M952262-0020A
ESCUTCHEON KIT



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Weekdays 8:00 a.m. to 7:00 p.m. EST

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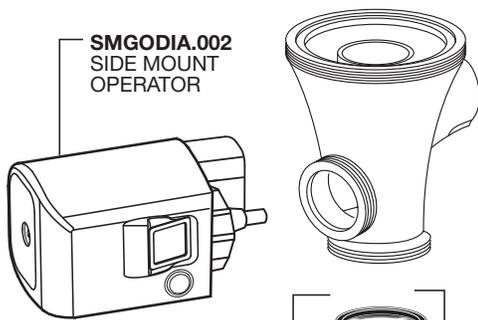
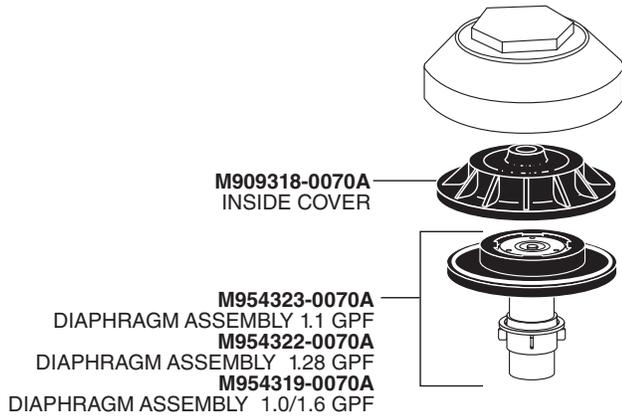
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www.americanstandard-us.com or e-mail us at: CRTTEAM@lixilamericas.com

American Standard

Ultima™ Sensor-Operated Flush Valve

With Side-Mount Operator,
Diaphragm-Type

MODEL NUMBERS
6147SM



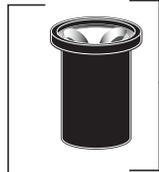
OPTIONAL ADJUSTABLE TAILPIECE
(Purchased Separately)

M962836-0020A (8-1/4" to 9-1/4" Rough-in)

M962835-0020A (7-1/4" to 8-1/4" Rough-in)

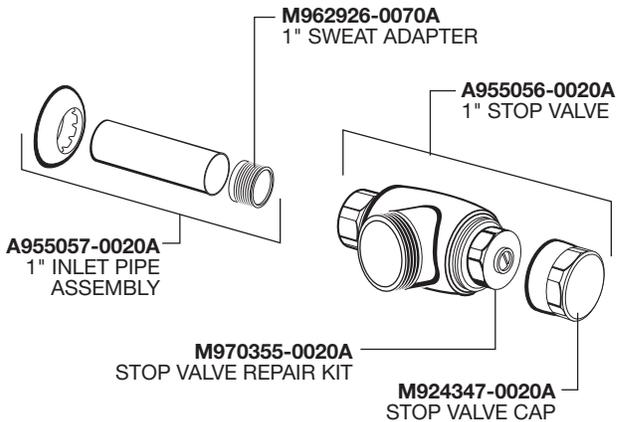
M962834-0020A (6-1/4" to 7-1/4" Rough-in)

M962833-0020A (5-1/4" to 6-1/4" Rough-in)

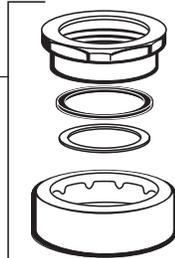


M964411-0020A
VACUUM BREAKER
ASSEMBLY 11-1/2"
(220 mm) ROUGH-IN

M964413-0020A
VACUUM BREAKER
ASSEMBLY 27"
(686 mm) ROUGH-IN



M952269-0020A
ESCUTCHEON KIT



PART OF LIXIL



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