



Whitehall Manufacturing®
Manufacturer of Healthcare and Rehabilitation Products since 1946

Model WHD-BSN

LIGATURE RESISTANT
CORTERRA™ BASIN ADA
COMPLIANT



WHD-BSN-WH3375-SO

(Photo shows optional accessories)

**TECHNICAL ASSISTANCE TOLL FREE TELEPHONE NUMBER:
1.800.743.8259**

Technical Assistance E-mail: Fieldservice@acorneng.com



IMPORTANT

Important: Some options may slightly alter installation. To ensure proper installation review the manual thoroughly and verify rough-ins before beginning any work. File this manual with the owner or maintenance personnel upon completion of installation.

Industry standard wall backing, for wall hung fixtures, is required. Installer provided wall anchors and wall anchoring hardware must be appropriate for wall construction.

ANSI, UFAS or ADA compliance is subject to the interpretation and requirements of the local code authority and is the responsibility of the installer for verification.

Single Temp Valve Assembly: Recommended working water pressure is 30 psi (2.07 bars) minimum to 100 psi (6.89 bars) maximum. Maximum temperature is 130°F (54.4°C). Maximum outlet temperature recommended is 105°F (40.6°C). Valve assembly must be drained prior to being subjected to freezing temperatures. A checkstop is provided with this valve assembly.

T/P Mixing Valve Assembly: Recommended working water pressure is 30 psi (2.07 bars) minimum to 100 psi (6.89 bars) maximum. Maximum hot water temperature is 180°F (82°C). Temperature adjustment range is 85-115°F (29-46°C). Minimum hot water supply temperature must be 5°F (3°C) above desired set temperature. Valve assembly must be drained prior to being subjected to freezing temperatures. The valve assembly has checks integral to the inlets however, angle stops are to be provided by the installer.

Prior to installation, supply lines must be flushed of all foreign material such as pipe dope, chips, or solder. Debris or foreign material in water supply may damage valve.

Teflon tape is recommended on all threaded waste and supply connections to reduce the possibility of leaks.

Provide 110-120VAC/60Hz/3A (MAX) electrical receptacle for factory supplied 120VAC/9VDC, 100mA plug-in transformer.

NOTE: Receptacle(s) must be wired to a GFCI protected circuit. Fixture must be earth grounded per N.E.C. (National Electrical Code).

Please refer to the Link or QR code provided.

For Cleaning & Care Guide:

<https://www.whitehallmfg.com/uploads/fileLibrary/9900-008-W01.pdf>





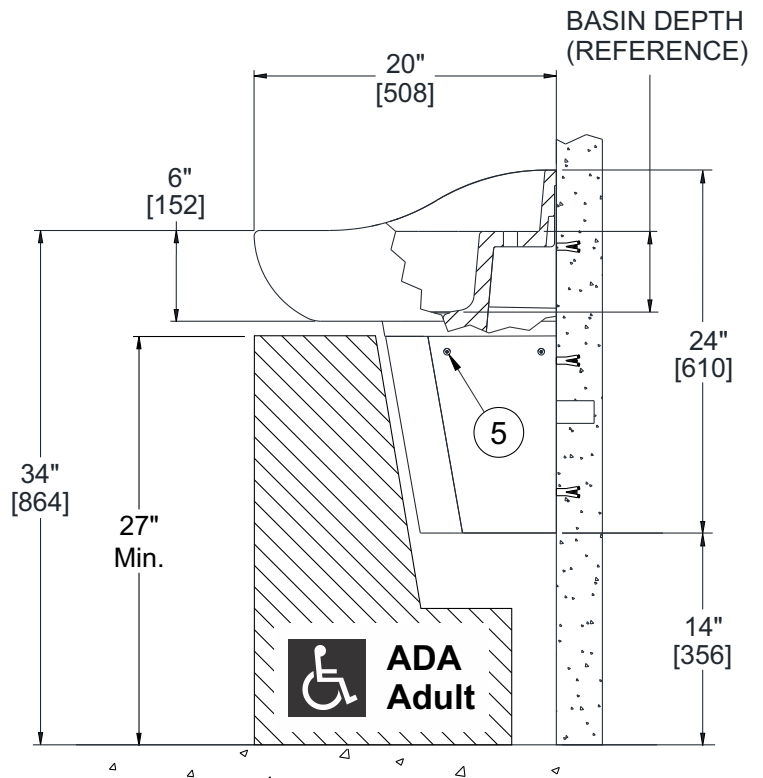
NOTE: FIXTURE WEIGHT IS APPROXIMATELY 90 LBS WITH FAUCET (INDUSTRY STANDARD WALL BACKING, FOR WALL HUNG FIXTURES, IS REQUIRED. INSTALLER PROVIDED WALL ANCHORS AND WALL ANCHORING HARDWARE MUST BE APPROPRIATE FOR WALL CONSTRUCTION)



1. BACK/SIDE SPLASH
2. LIGATURE RESISTANT DRAIN
3. P-TRAP ENCLOSURE
4. 1-1/2" OD P-TRAP
5. TAMPER RESISTANT SCREWS
6. OPTIONAL WH3375-SO SHOWN
7. WALL ANCHORING HARDWARE (BY OTHERS)



-MC Mounting Carrier is optionally available (Not Shown). Adequate Wall thickness is required (6" Stud Minimum). Refer to -MC Installation for complete details.



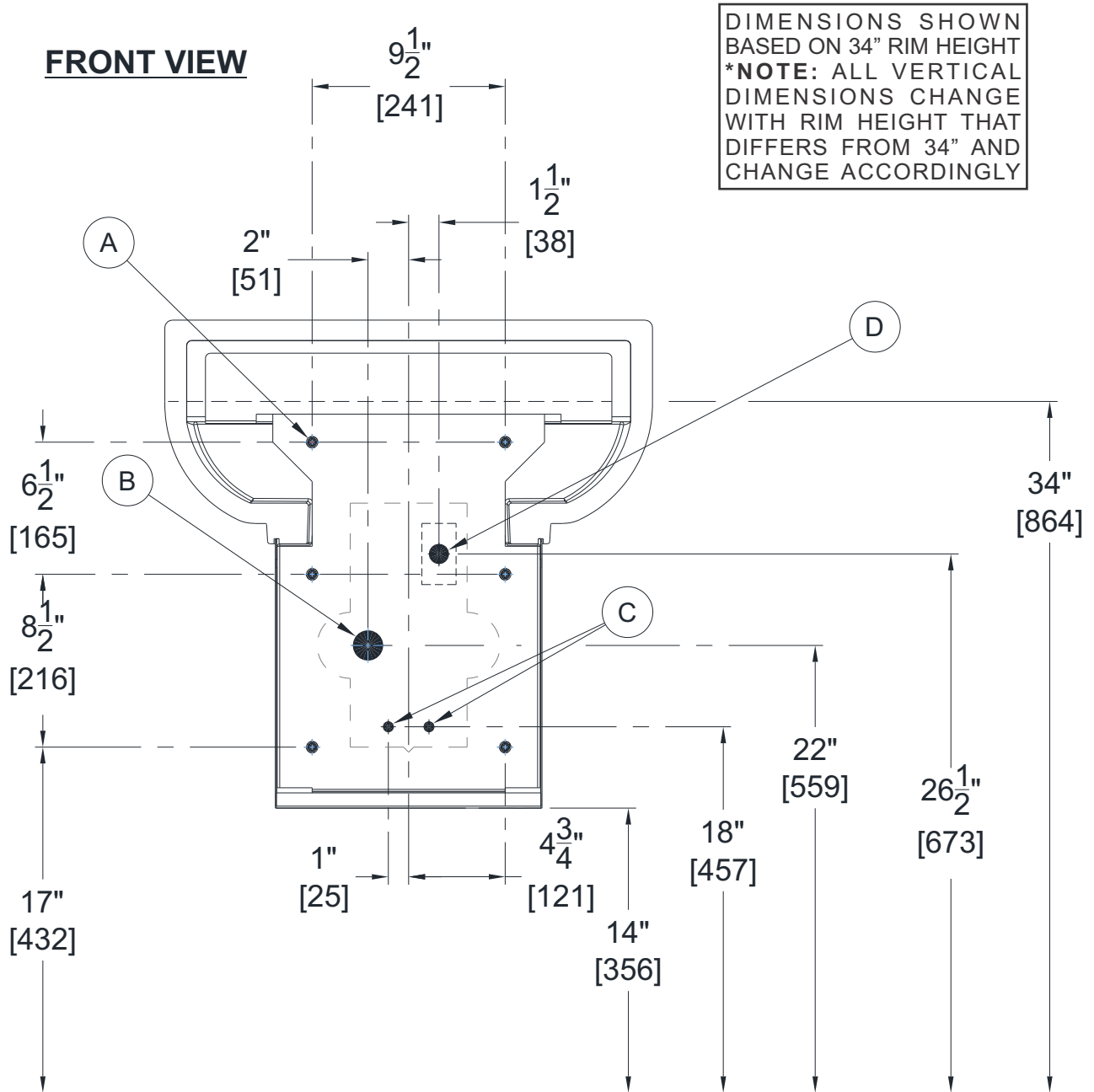
WHD-BSN-WH3375-SO SHOWN

GENERAL NOTES:

1. ALL DIMENSIONS ARE IN INCHES [MM].
*2. DIMENSIONS SHOWN ARE FOR RECOMMENDED ADULT HEIGHT. ADJUST VERTICAL DIMENSIONS AS NECESSARY TO COMPLY WITH FEDERAL, STATE, & LOCAL CODES.
3. STOP VALVE NOT PROVIDED.



ROUGH-IN DIMENSIONS -ADA (CONTINUED)

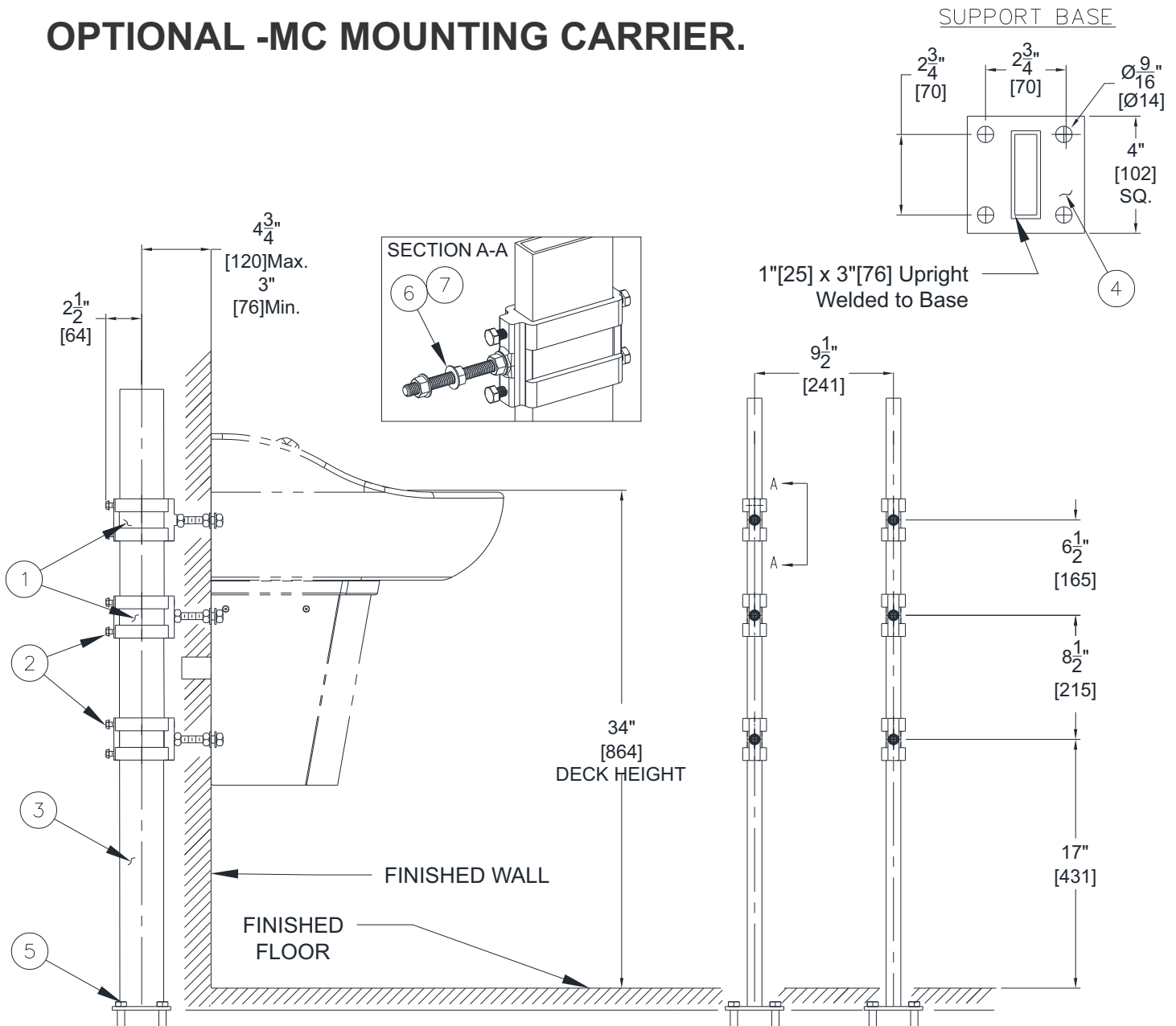


WHD-BSN-WH3375-SO SHOWN

- (A) Ø9/16" Mounting Channel Mounting Points (6) Places.
- (B) 1-1/2" O.D. P-Trap Waste Outlet.
- (C) 1/2" NPS Hot & Cold Supplies, Rough-In as required (Angle Stops by others).
- (D) When required for Sensor Faucet 120VAC, 60Hz, 3A (Max) GFCI Protected Electrical Receptacle.



OPTIONAL -MC MOUNTING CARRIER.



Carrier Assembly Installation:

Note: Installation should be in accordance with accepted construction practices.

- 1) Assemble Support Knuckles [1] using Set Screws [2] provided, to obtain proper vertical spacing of Vertical Supports [3].
- 2) Using Support bases [4] as a template mark the locate floor mounting points. Move Carrier and install Floor Anchors [5] provided by installer. Reposition carrier and secure to floor using installer provided anchoring hardware [5].
- 3) Install and secure Mounting Studs [6] to support Knuckles [2] with Nuts and Washers [7] provided.



FIXTURE ANCHORING



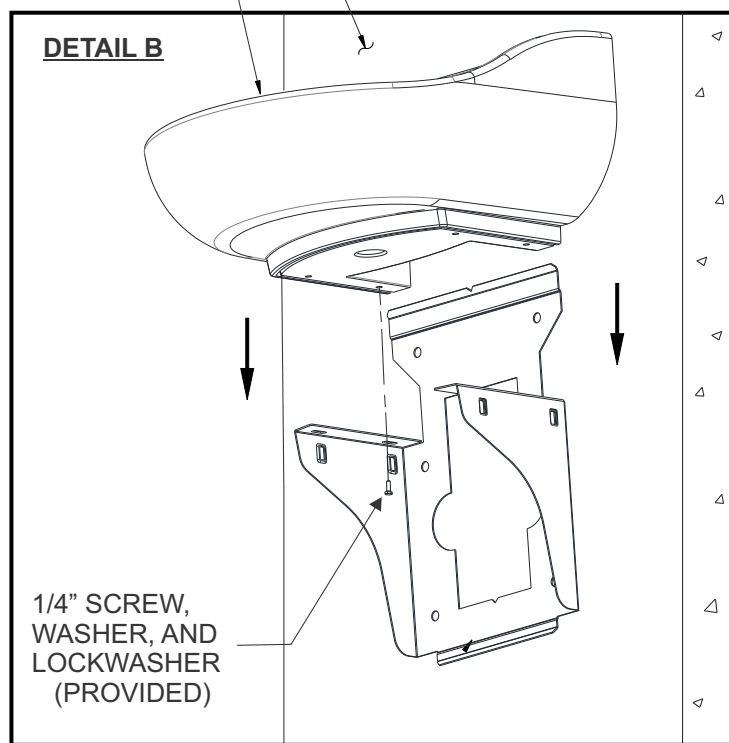
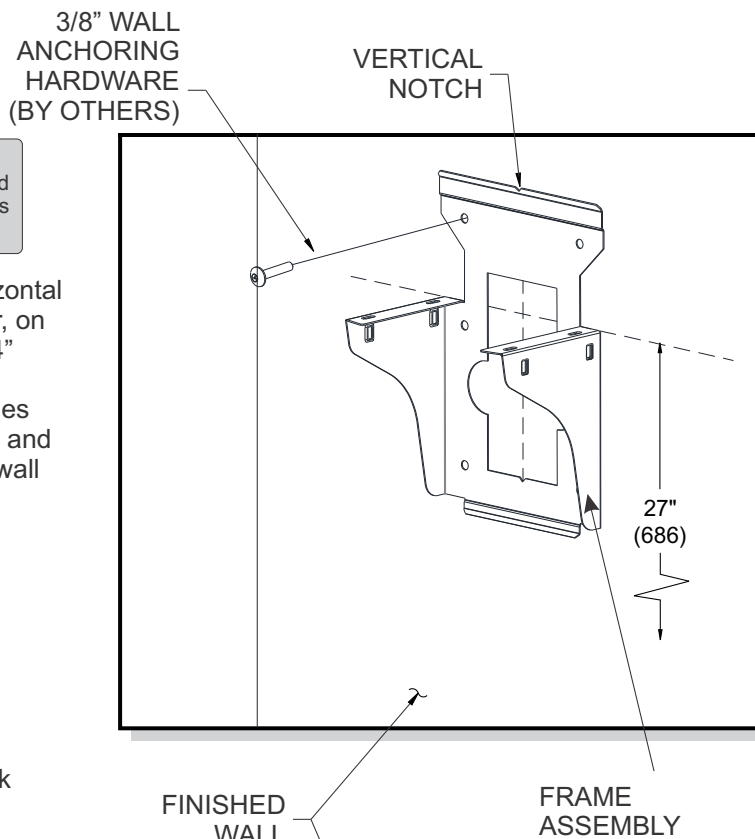
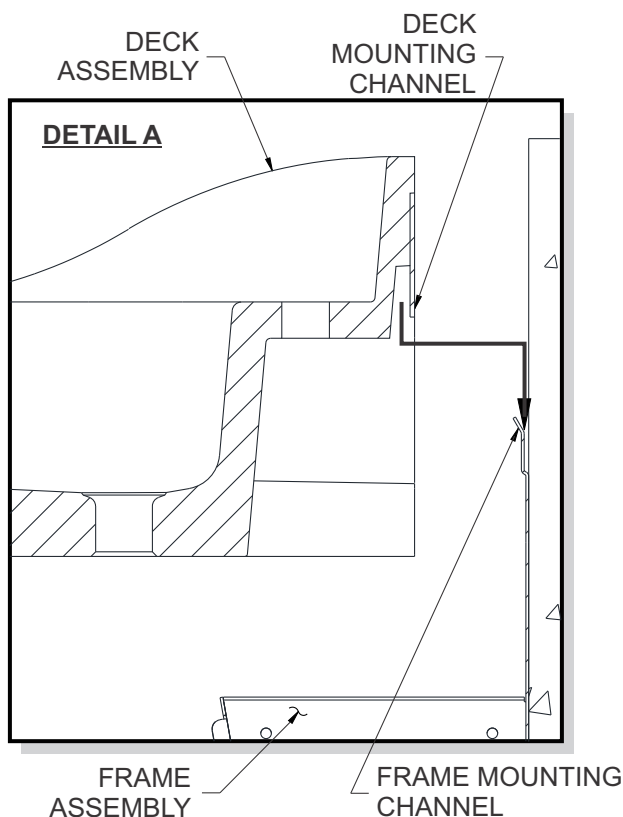
For units with optional -MC Mounting Carrier: Install Carrier and Assemble Fixture per Mounting Carrier Installation Instructions and proceed to Step 2. (Reference J.R. Smith Model #089-M31)

- 1 Mount Frame Assembly to wall:** Strike a horizontal chalk line at 27" vertically, from the finished floor, on finished wall to indicate required deck height (34" standard). Strike a vertical chalk line to indicate centerline of fixture. Align frame assembly notches with vertical and horizontal chalk lines and mark and install wall anchors by others. Anchor frame to wall using 3/8" wall anchoring hardware (By others).



STEP #2 HINT: It may be advantages to install deck trim such as faucets, soap dispensers or other accessories prior to wall mounting.

- 2 -See DETAIL A:** Hang Deck Assembly against Finished Wall, and slide down wall until the Deck Mounting Channel rests on Frame Mounting Channel.
-See DETAIL B: Secure Deck Assembly to Frame Assembly by assembling 1/4" Screw, Washer and Lockwasher (Provided).

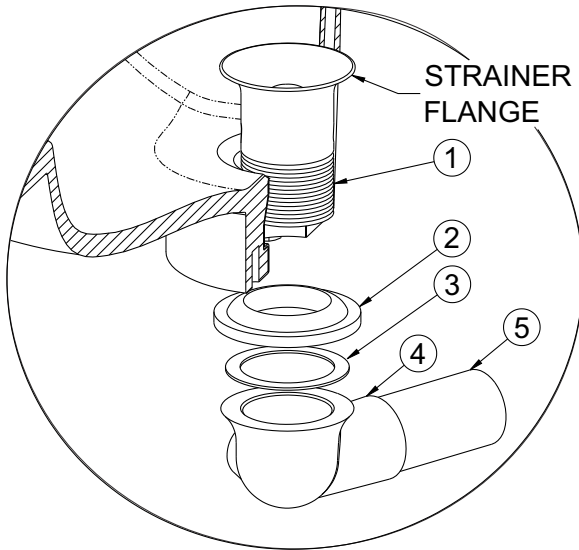




WASTE ASSEMBLY



HINT: Teflon tape is recommended on all threaded waste and supply connections.



3 Install strainer to Basin using plumbers putty on underside of grid strainer flange. From beneath basin, assemble gasket, washer and jam nut as shown to strainer and tighten securely. Add close elbow to strainer assembly as indicated.

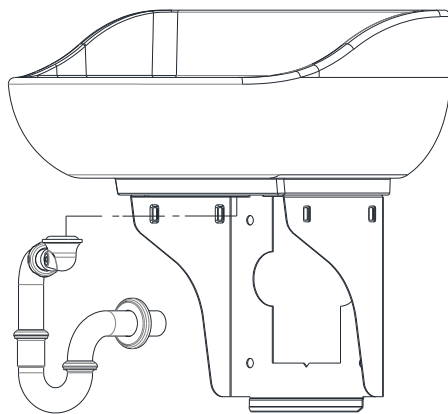
- ① Strainer w/ 1-1/2" -16 UNE Threads
- ② Rubber Gasket
- ③ Flat Fiber Washer
- ④ 1-1/2"-16 x 1-1/4" UNI Close Ell with 3/8" NPT Clean-Out Plug
- ⑤ 1-1/2" OD Waste Outlet Connection



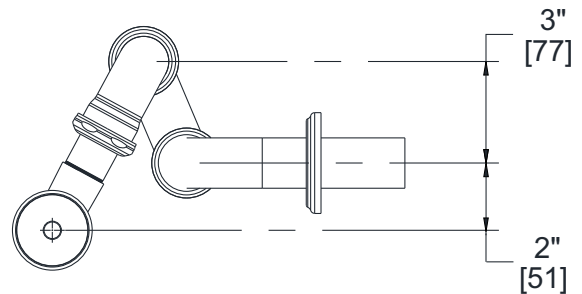
NOTE: Waste Assembly may be provided with Extra items not required in this assembly.



NOTE: Waste Assembly may require field cutting and fitting by the installer.



TOP VIEW



4 Assemble waste piping using teflon tape on all threaded connections and make up waste connections to 1-1/2" P-trap.



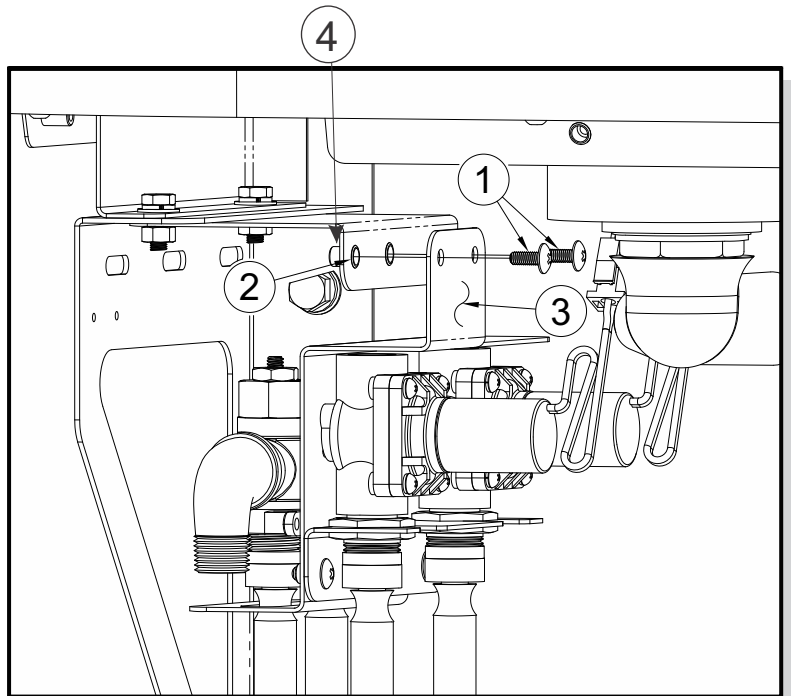
VALVE INSTALLATION FOR OPTIONAL BEST-CARE[®] FAUCET

- 5** Remove screws **1** from Valve Mounting Bracket **2**. Hold Valve Assembly **3** against Mounting Bracket **2** and secure with Screws **1** into threaded insert **4**.

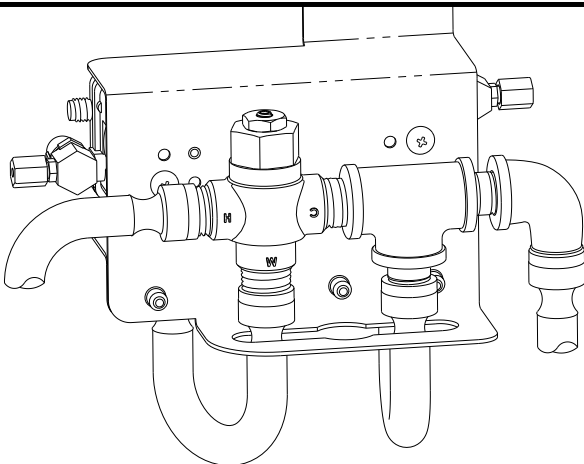


IMPORTANT

Before making up the supply connections, the supply lines must be flushed of all foreign material such as pipe dope, pipe chips, solder, sand, etc.

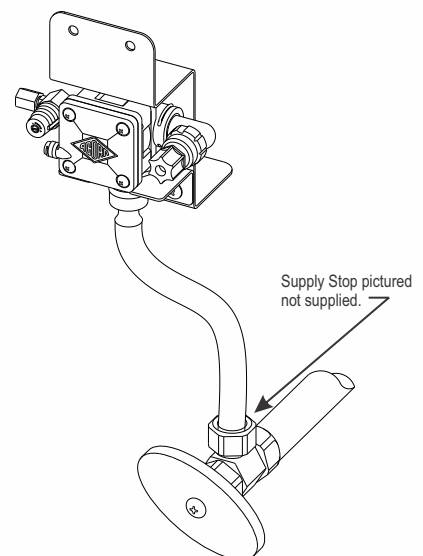


DUAL TEMP. WITH MX-TP VALVE



For MXTP Valve (Hot & Cold), Flush Supply lines. Connect installer provided 1/2" NPS flex hoses to valve.

-03-M SINGLE TEMPERATURE METERING VALVE



For -ST Single Temperature valves, flush supply line. Connect installer provided 1/2" NPS flex hose to valve.



OPTIONAL MXTP VALVE INSTALLATION & ADJUSTMENT

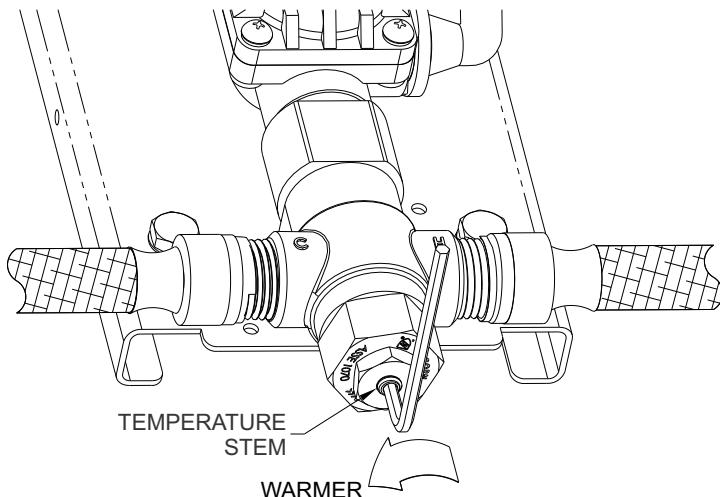
Valve Assembly Installation:

NOTE: Installation should be in accordance with accepted plumbing practices.

- 1) Locate suitable place for mounting the valve assembly. Valve assembly should be accessible for service and adjustment and as close to the point-of-use as possible. Wall anchors and anchoring hardware are by others.
- 2) Connect hot and cold water to supply valve using 1/2" NPTE connections.
- 3) Connect outlet of tempering valve to spout(s) using 1/4" O.D. tube connections provided.
- 4) Turn on hot and cold water supplies. If any leaks are observed, hand tighten connections as necessary to stop leaks before proceeding.
- 5) Turn on fixture and allow water to flow for 2 minutes. Measure water temperature at outlet. If water is not at desired temperature, adjust as necessary.

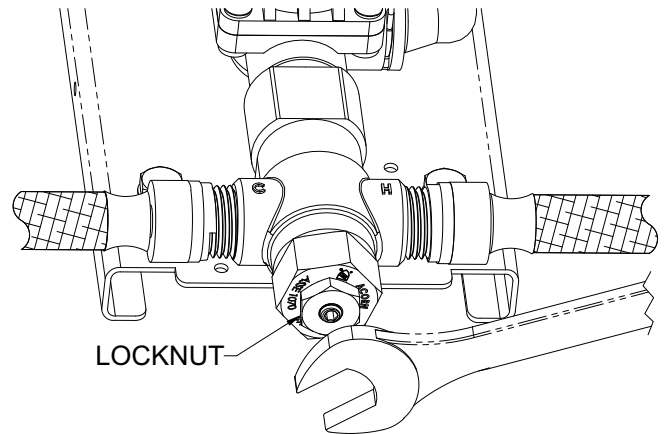
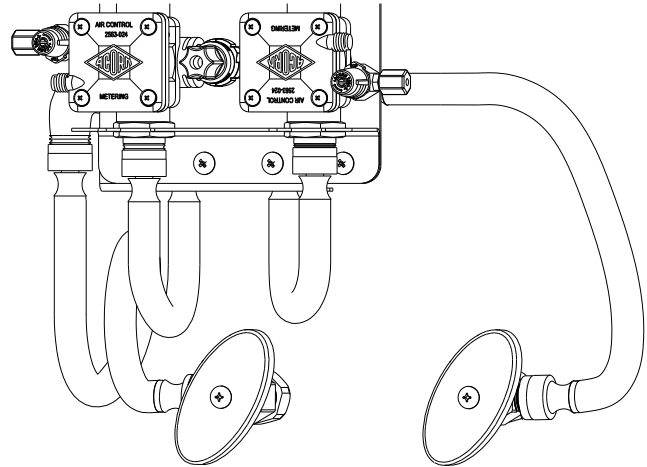


HINT: Angle stops are recommended and is the responsibility of the installer.



IMPORTANT

Flush supply lines of all foreign material such as pipe dope, pipe chips, solder, sand etc. before making up supply connections.



Temperature Adjustment:

NOTE: Factory set temperature is 105° F

- 1) Loosen locknut.
- 2) Turn on fixture and run water for at least 2 minutes. Allow supply temperature to stabilize.
- 3) Turn temperature stem counter-clockwise for hotter or clockwise for colder outlet temperature.
- 4) Tighten locknut to prevent accidental or unauthorized temperature adjustment.
- 5) Re-check outlet temperature.