Whitehall Manufacturing®
Manufacturer of Healthcare and Rehabilitation Products since 1946

Model WH3778

LIGATURE RESISTANT
CORTERRA™ OFFSET
VANITY ADA COMPLIANT

• **Patent Pending**

WH3778L-WH3375-HC-SO

(Photo shows optional accessories)

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.

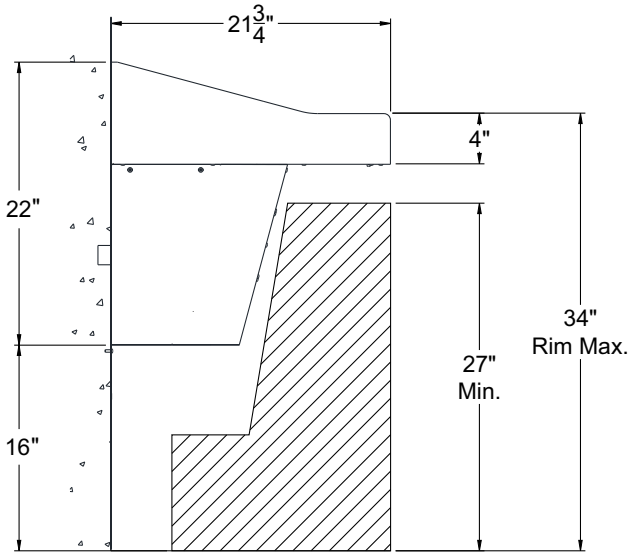
Prior to installation, supply lines must be flushed of all foreign material such as pipe dope, chips, or solder. Debris or foreign material in water supply may damage valve.

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

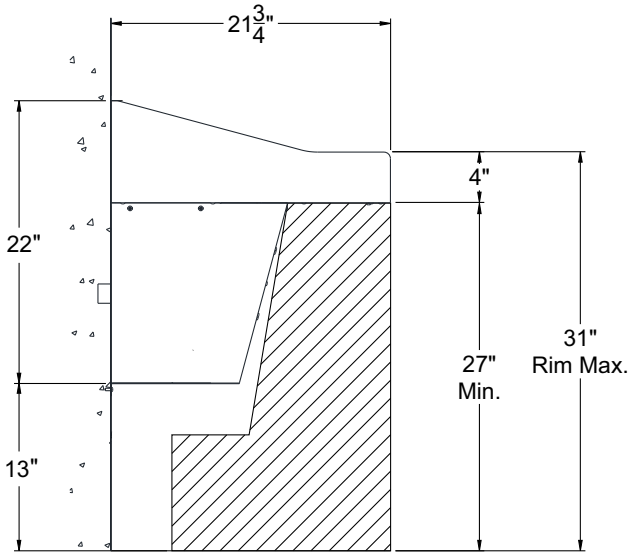
Provide 110-120VAC/60Hz/3A (MAX) electrical receptacle for factory supplied 120VAC/9VDC, 100mA plug-in transformer.

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

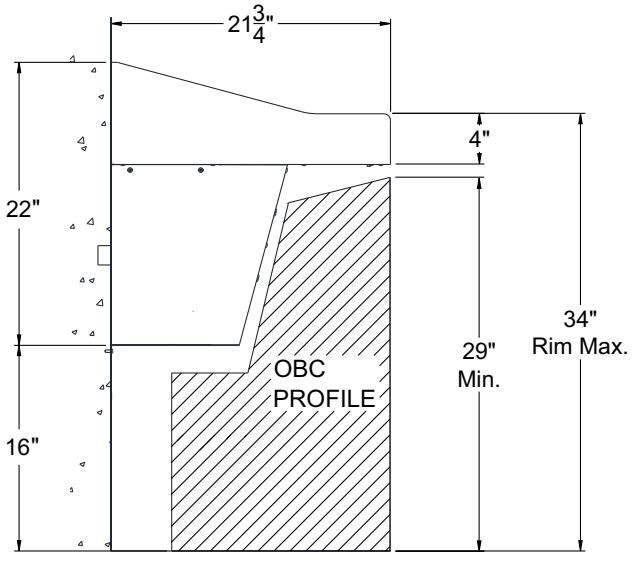
ACCESSIBILITY OVERVIEW



ADA
Adult



ADA ages
6 thru 12



OBC

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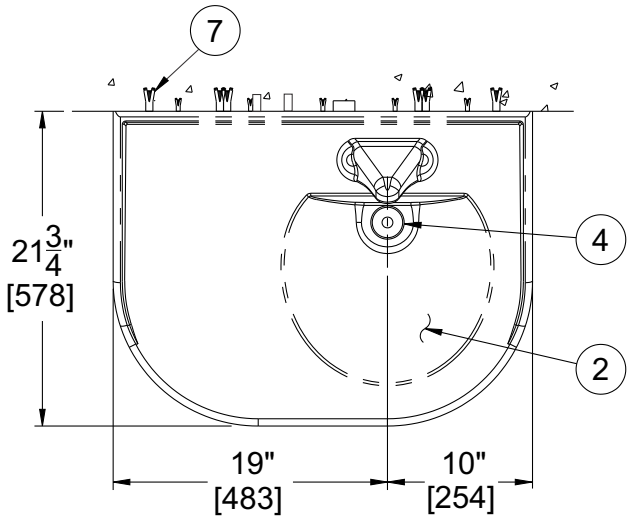
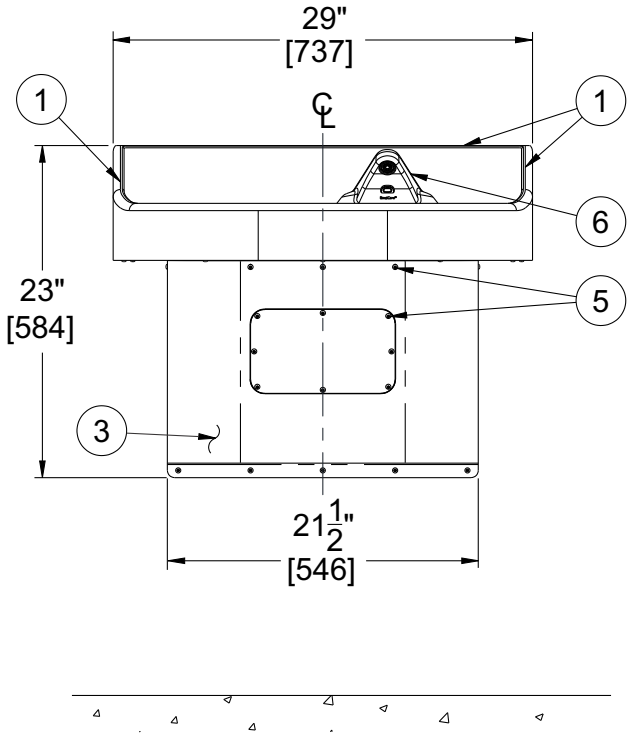
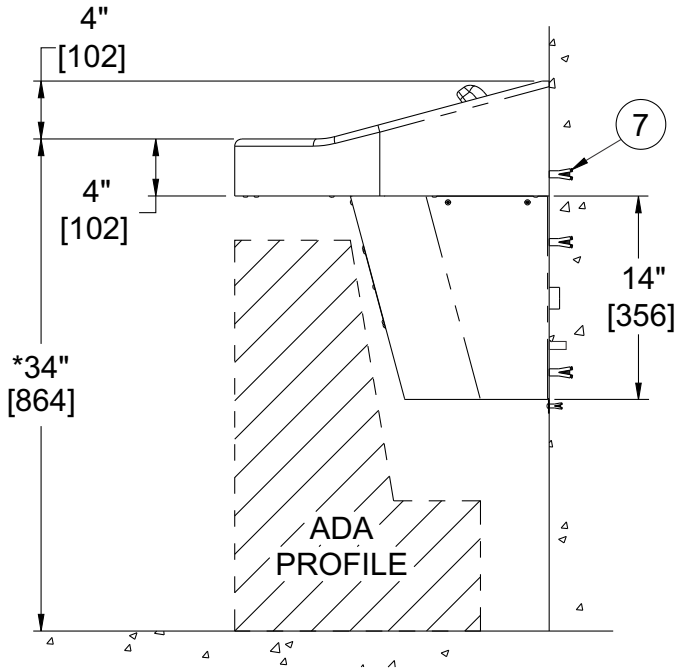
TECHNICAL DIMENSIONS



NOTE: Fixture Weight is approx. 60lbs.
For Compatible In-Wall Support Carriers refer to J.R. Smith Model # 0848

GENERAL NOTES:
1. BACK/SIDE SPLASH
2. INTEGRAL D-SHAPE BOWL
3. P-TRAP ENCLOSURE W/ ACCESS PANEL
4. LIGATURE RESISTANT STRAINER
5. TAMPER RESISTANT SCREWS
6. OPTIONAL WH3375-SO SHOWN
7. WALL ANCHORING HARDWARE (BY OTHERS)





WH3778R-WH3375-SO SHOWN
WH3778L IS OPPOSITE

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.

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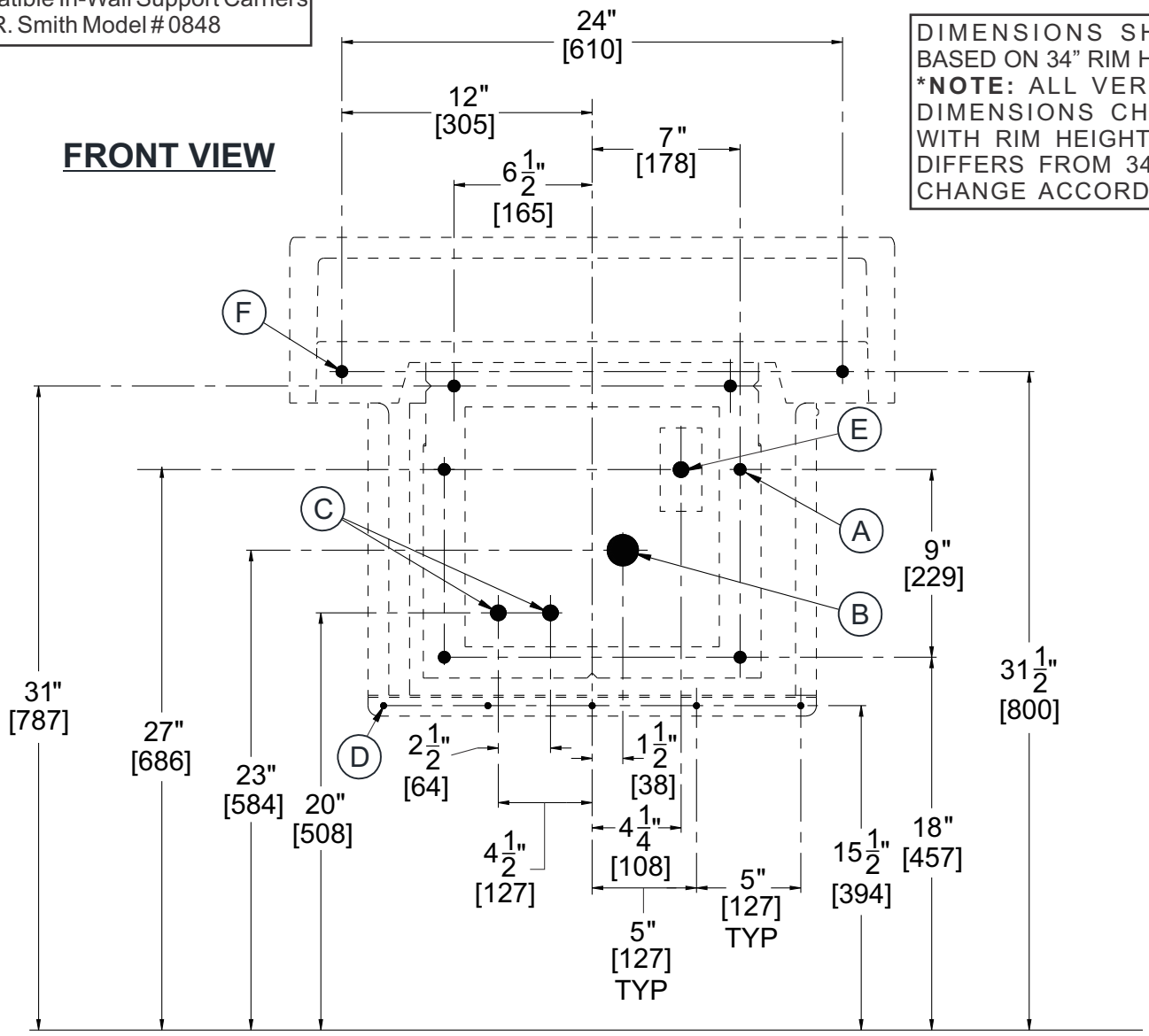
ROUGH-IN DIMENSIONS -ADA (CONTINUED)

NOTE: Fixture Weight is approx. 60lbs. For Compatible In-Wall Support Carriers refer to J.R. Smith Model # 0848

DIMENSIONS SHOWN BASED ON 34" RIM HEIGHT
***NOTE:** ALL VERTICAL DIMENSIONS CHANGE WITH RIM HEIGHT THAT DIFFERS FROM 34" AND CHANGE ACCORDINGLY

FRONT VIEW



WH3778R-WH3375-SO SHOWN
WH3778L IS OPPOSITE

(A) (6) Ø9/16" Mounting Channel Mounting holes provided. Fasteners and Wall Anchors are provided by others. Installer is to use Industry Standards of Best Practice to suit wall type and construction, weight of fixture and application.

(B) 1-1/2" O.D. Waste Outlet.

(C) 1/2" NPS Hot & Cold Supplies, Rough-In as required (Angle Stops by others).

(D) Ø1/4" Wall Mounting Points (5).

(E) For Optional Electronically Operated Faucets120VAC, 60Hz, 3A (Max) GFCI Protected, Electrical Receptacle.

(F) Ø9/16" Deck Channel Mounting Points (2) Places.

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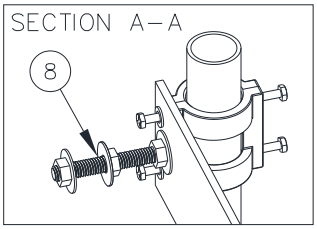
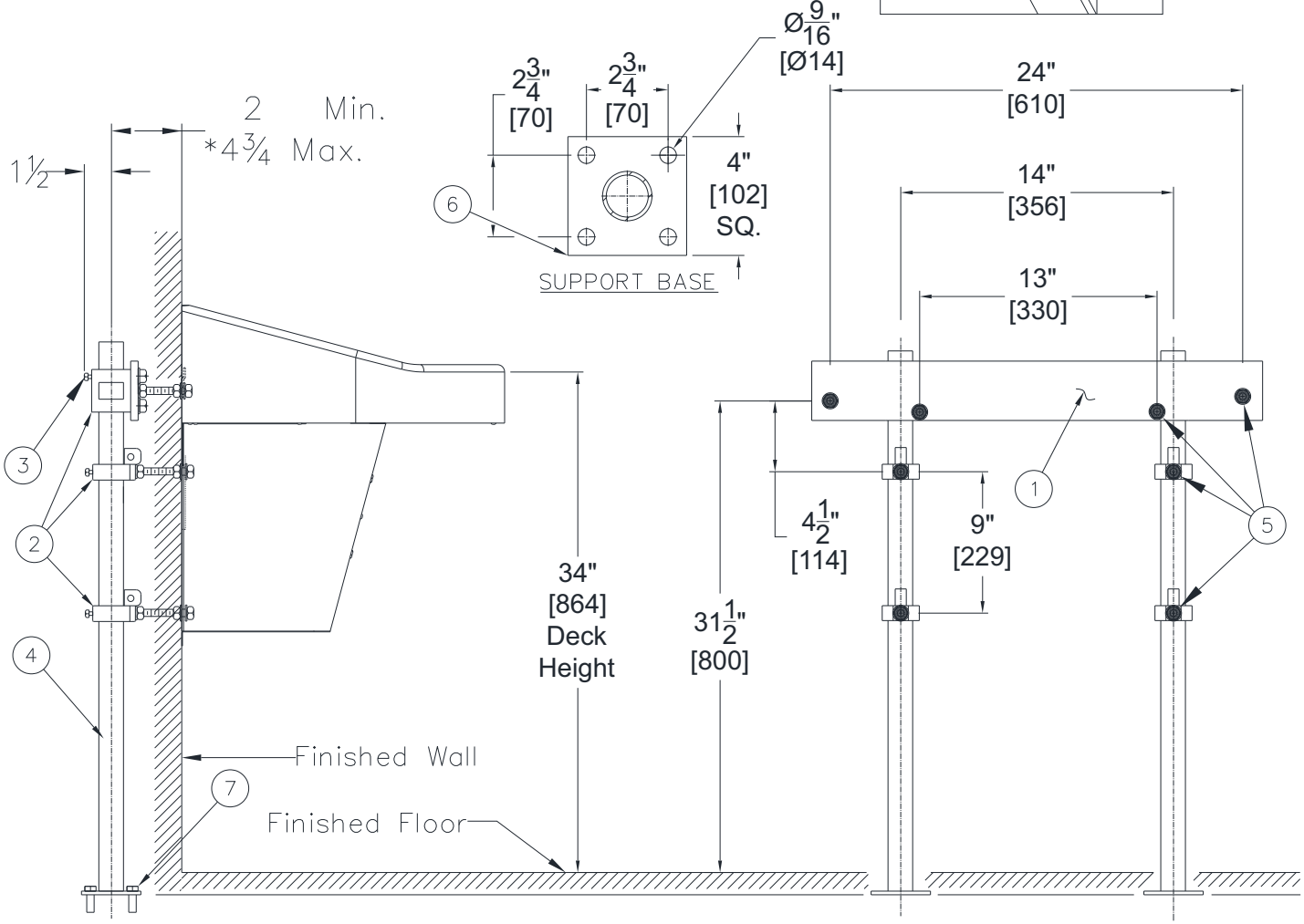
OPTIONAL -MC MOUNTING CARRIER ASSEMBLY INSTALLATION





Carrier Assembly Installation:

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

1) Assemble Horizontal Support Plate ***1*** to Support Knuckles ***2*** using 1/4”-20 Set Screws ***3*** provided, to obtain proper vertical spacing of Vertical Supports ***4***.

2) Slide each set of Support Knuckles ***2*** onto Vertical Supports ***4*** and position so that 1/2”-13 mounting points are at dimensions shown and secure with 1/4”-20 Set Screws ***3***.

3) Slide Horizontal Support Assembly onto Vertical Supports ***4*** so that upper mounting points ***5*** are at desired location, see chart, and secure with 1/4”-20 Set Screws ***3*** and position carrier in desired location.

4) Using Support Bases ***6*** as a template mark an locate floor mounting points. Move carrier and install Floor Anchors ***7*** provided by installer. Reposition carrier and secure to floor using installer provided anchoring hardware ***7***.

5) Install and secure Upper 1/2”-13 UNC Mounting Studs ***5*** to Horizontal Support Plate ***1*** with provided Nuts and Washers **8**. See Section A-A.

6) Secure 1/2”-13 Mounting Studs ***5*** to Support Knuckles ***2*** with Nuts and Washers ***8*** provided.

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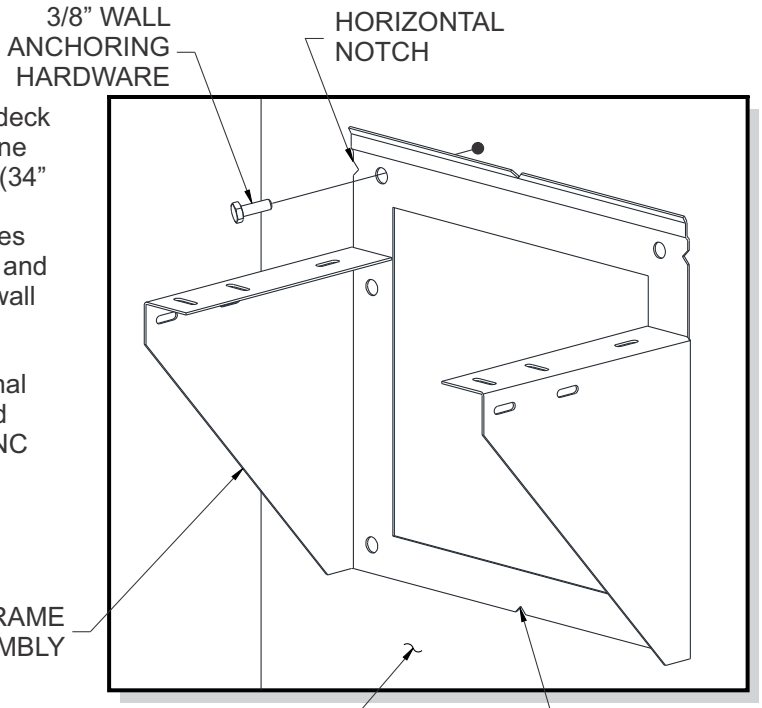
FIXTURE ANCHORING



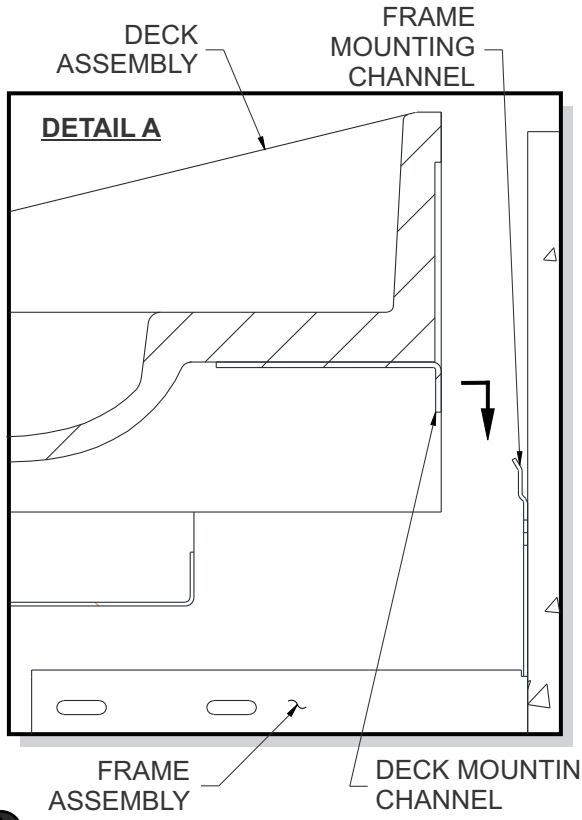
1A Disassemble trap cover with access panel and deck assembly from frame. Strike a horizontal chalk line on finished wall to indicate required deck height (34” standard). Strike a vertical chalk line to indicate centerline of fixture. Align frame assembly notches with vertical and horizontal chalk lines and mark and install wall anchors by others. Anchor frame to wall using 3/8" wall anchoring hardware (By others).

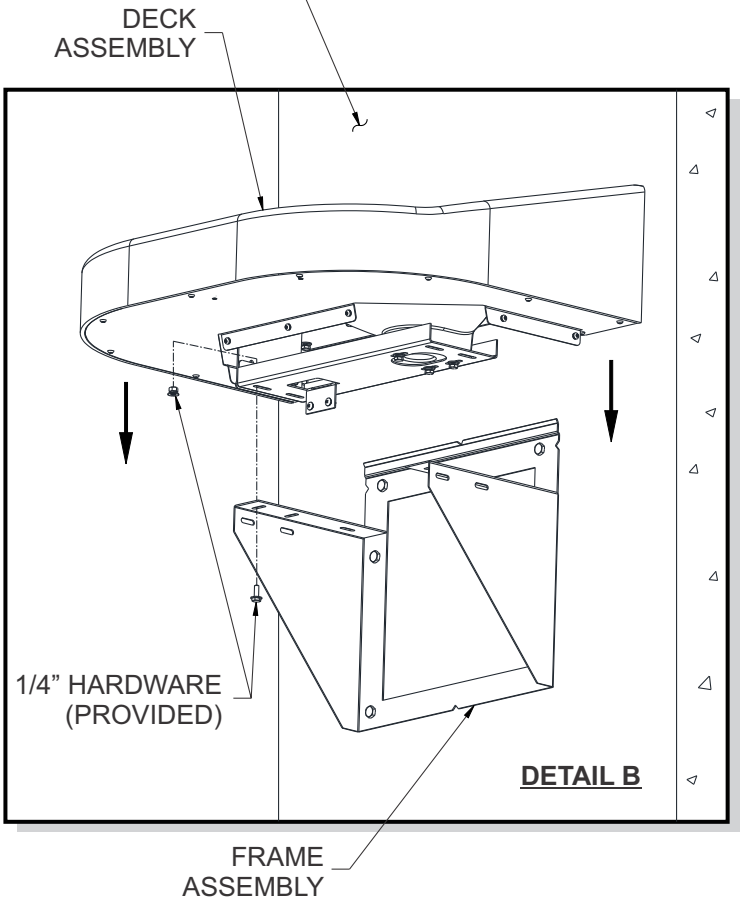
1B If Mounting Carrier is being used, refer to Optional Mounting Carrier Assembly Installation. Align and secure Frame Assembly to protruding 1/2”-13 UNC Mounting Studs from Finished Wall using 1/2” Hardware (Provided).

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 using 1/4” Hardware (Provided).





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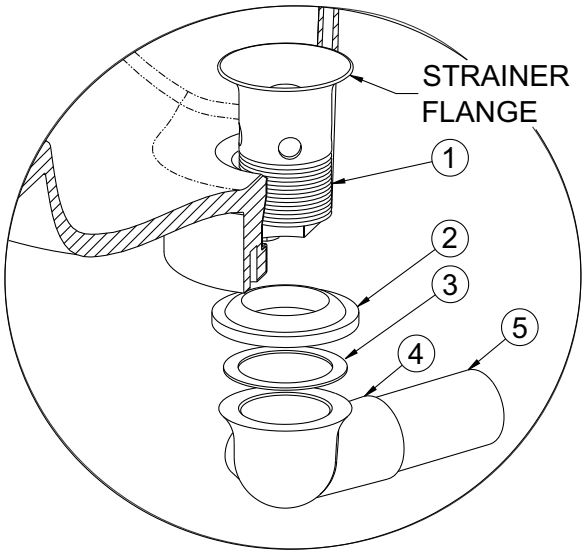
WASTE ASSEMBLY

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

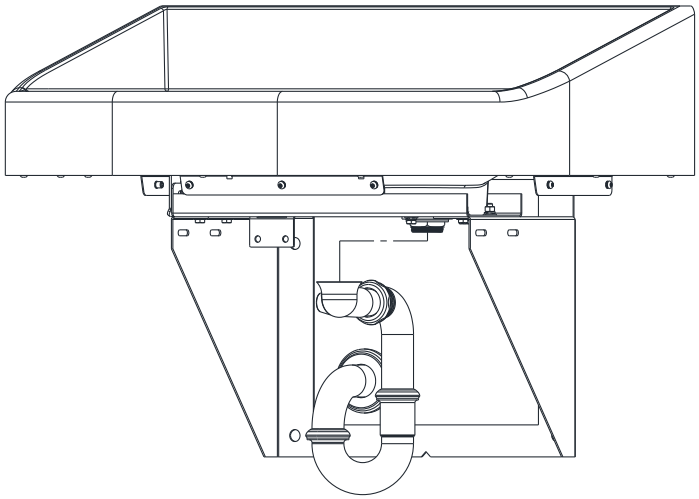


3 Install strainer to basin using plumbers putty on underside of grid strainer flange. From beneath basin, assemble gasket, washer and jam nut as shown to strainer and tighten securely. Add close elbow to strainer assembly as indicated.

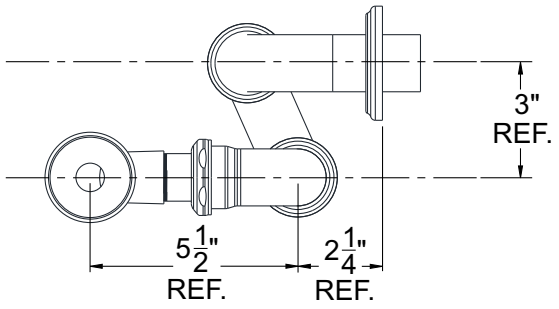
1. Strainer w/ 1-1/2" -16 UNE Threads
2. Rubber Gasket
3. Flat Fiber Washer
4. 1-1/2"-16 x 1-1/4" UNI Close Ell with 3/8" NPT Clean-Out Plug
5. 1-1/2” OD Waste Outlet Connection

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.

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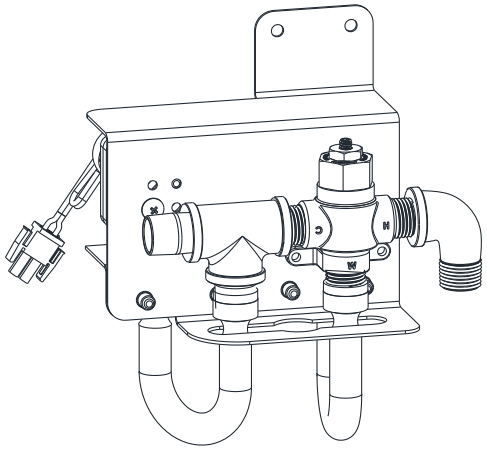
VALVE INSTALLATION

(NOTE: VALVE AND FAUCETS ARE OPTIONAL AND SHOWN FOR REFERENCE. WHEN NEEDED REFER TO INDIVIDUAL INSTALLATION DETAILS PROVIDED WITH OPTIONAL ITEMS.)

IMPORTANT

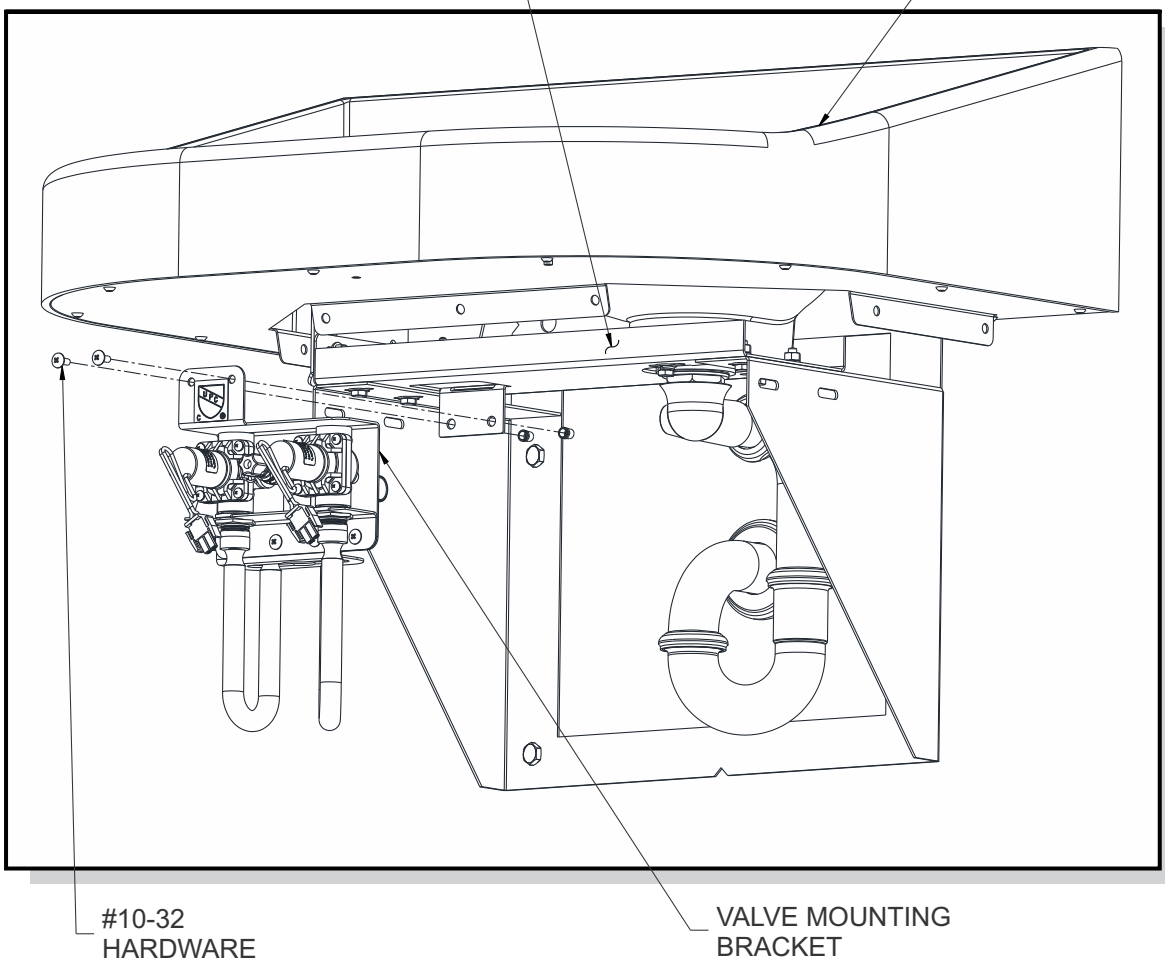
Before making up the supply connections, the supply lines must be flushed of all foreign material such as pipe dope, pipe chips, solder, sand, etc.

DUAL TEMP. WITH MXTP VALVE



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

5 Attach Single Temp or Hot and Cold Valve Mounting Bracket onto Basin Support Channel using #10-32 Hardware (Provided).



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MXTP VALVE OPTION INSTALLATION & ADJUSTMENT

Valve Assembly Installation:

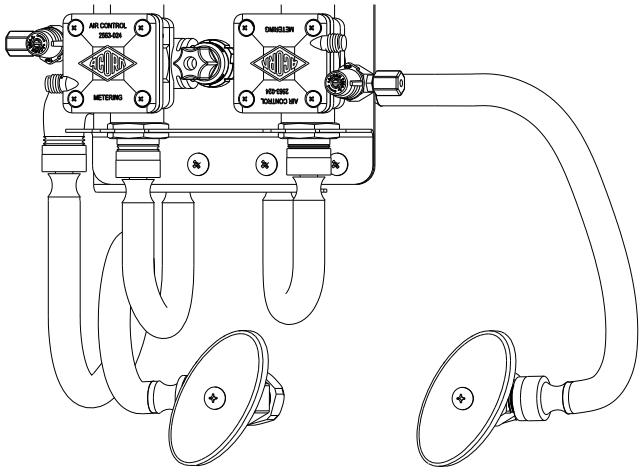
NOTE: Installation should be in accordance with accepted plumbing practices.

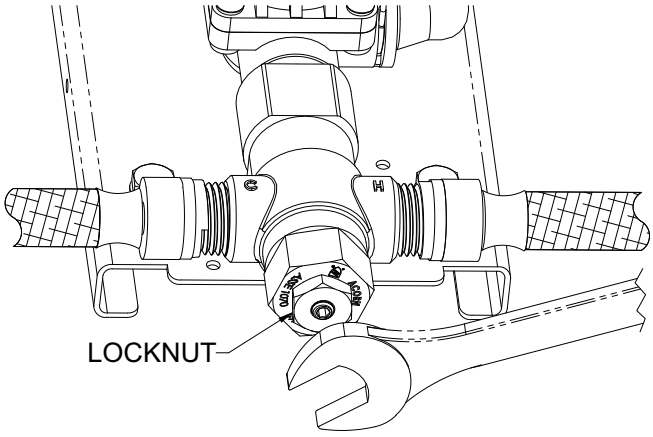
1) Locate suitable place for mounting the valve assembly. Valve assembly should be accessible for service and adjustment and as close to the point-of-use as possible. Wall anchors and anchoring hardware are by others.
2) Connect hot and cold water to supply valve using 1/2" NPTE connections.
3) Connect 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.

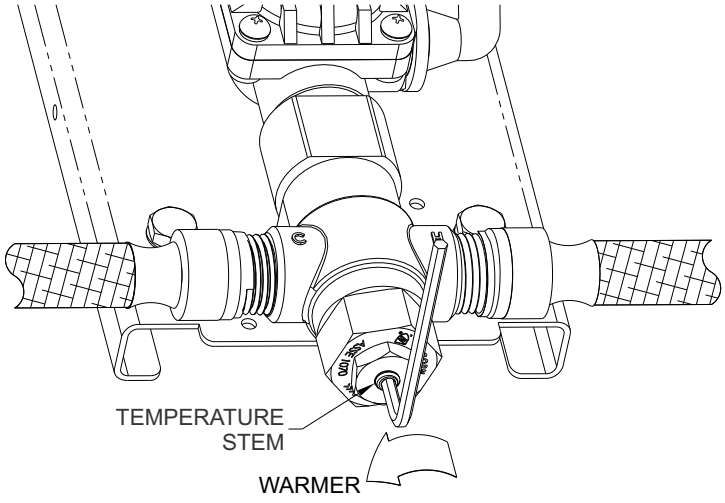
HINT: Angle stops are recommended and is the responsibility of the installer.

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 105º 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.

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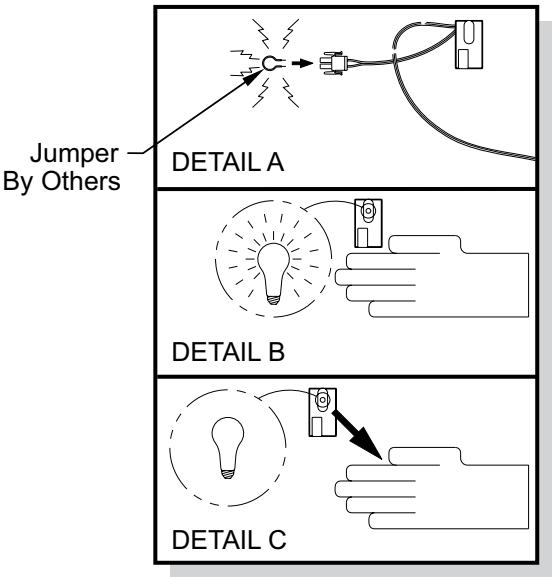
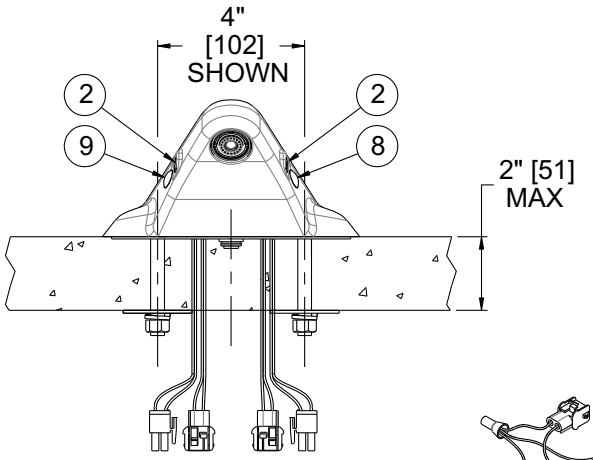
OPTIONAL WH3775-SOV SENSOR OPERATED FAUCET

-SO Sensor Operation
Range Adjustment

1. Make sure power supply is disconnected from sensor and make short circuit on red wires. See DETAIL A.
2. Connect power supply to sensor. Red light should be flashing.
3. Move hand in front of sensor to distance of 2" to 4" within 5 seconds and wait until red light flashes quickly.
4. Move hand to desired sensing distance. See DETAIL B.
5. Hold hand at desired sensing distance until red light stops flashing and solenoid activates. See DETAIL C.

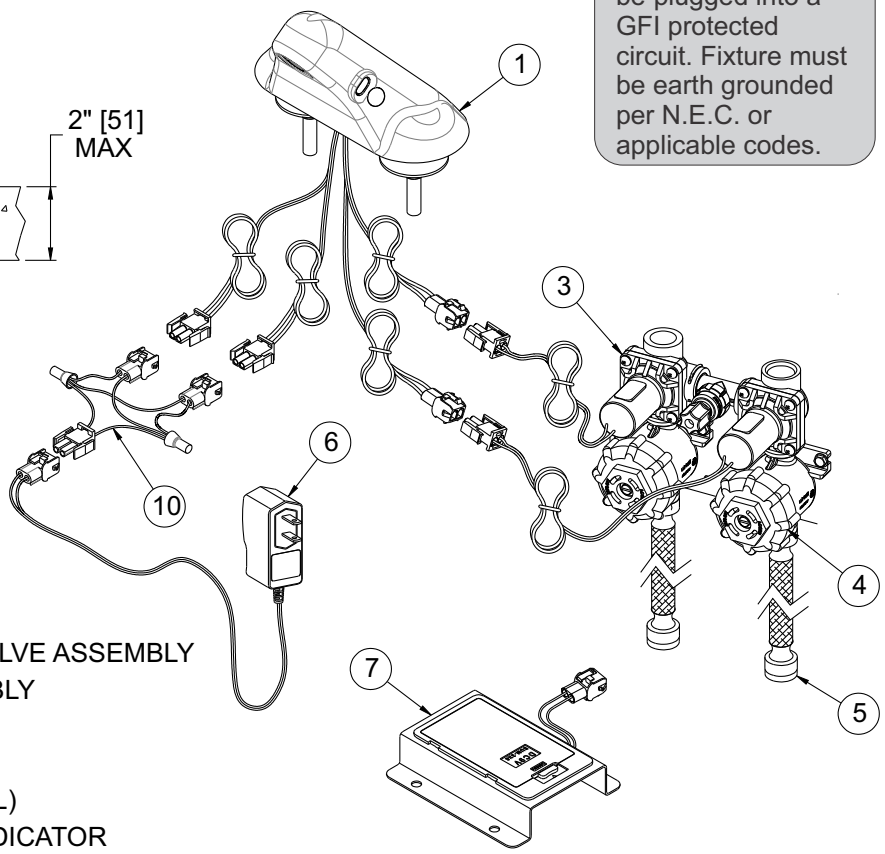


-SO Sensor Operation or
-PPZ Programmable Piezo Pushbutton



IMPORTANT

Transformer must be plugged into a GFI protected circuit. Fixture must be earth grounded per N.E.C. or applicable codes.



NOTES:
1. LIGATURE RESISTANT SPOUT
2. 9VDC INFRARED SENSOR
3. 9VDC SOLENOID DUAL-TEMP VALVE ASSEMBLY
4. CHECKSTOP/STRAINER ASSEMBLY
5. 1/2" NPS INLET FLEX HOSE
6. 9VDC PLUG-IN TRANSFORMER
7. 9VDC BATTERY PACK (OPTIONAL)
8. BLUE (COLD) TEMPERATURE INDICATOR
9. RED (TEMPERED) TEMPERATURE INDICATOR
10. WIRING HARNESS

OPTIONAL -BAT BATTERY OPERATION DETAIL

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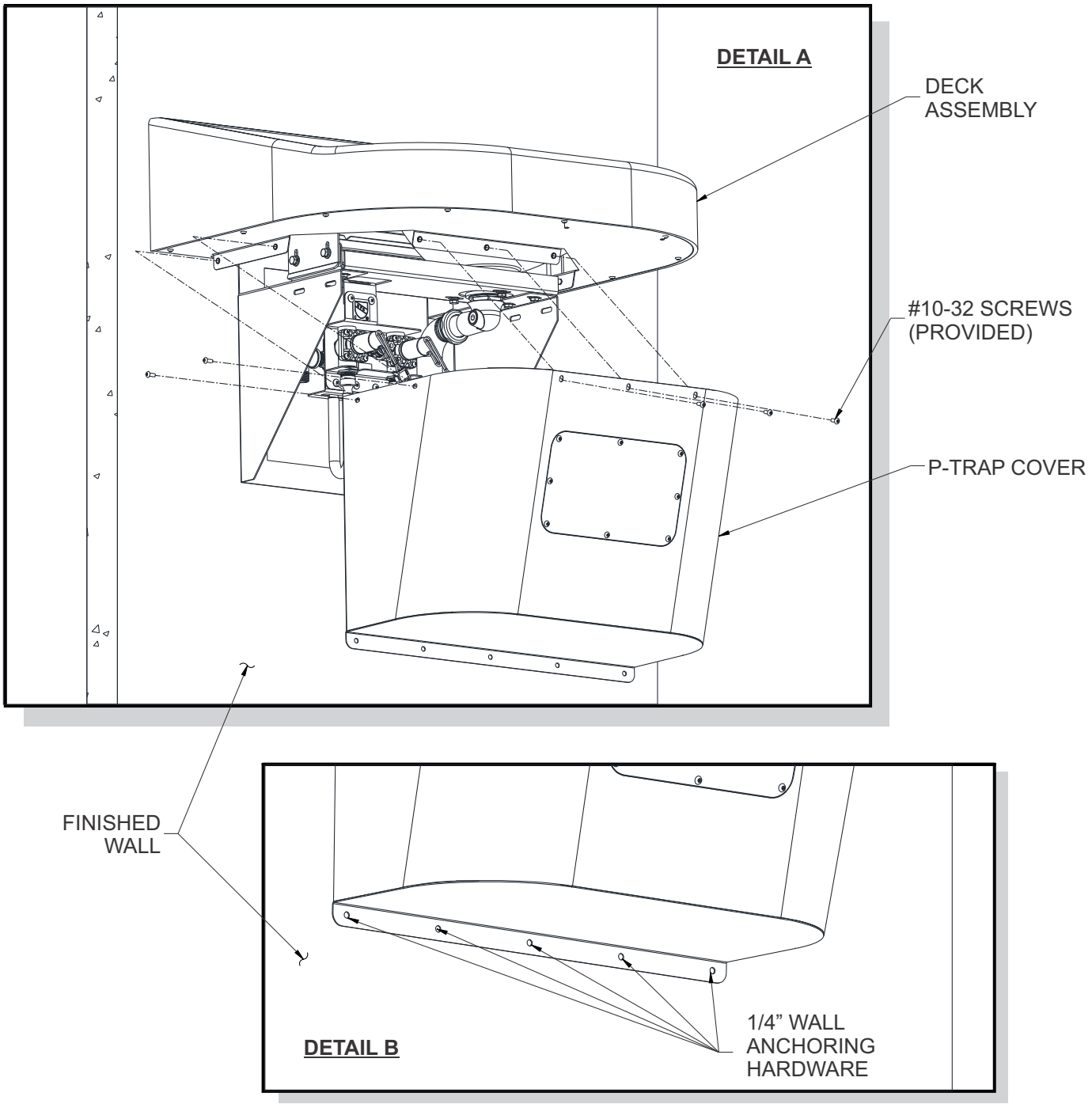
ACCESS PANEL INSTALLATION



6 **-See DETAIL A**: Install P-Trap Cover using #10-32 x 1/2" Hex Screws (Provided).

-See DETAIL B: Secure bottom of P-Trap Cover to wall with 1/4" Anchoring Hardware (By others)to suit wall construction.

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MAINTENANCE

CARE, CLEANING, AND REPAIR OF CORTERRA SOLID SURFACE

CORTERRA SOLID SURFACE

Acorn's densified solid surface material is composed of recycled solid-surface polymer resin, aluminum trihydrate and fillers. It is resistant to stains, impact and burns and complies with ANSI Z124.3. It is attractive, durable and easy to maintain.

ROUTINE CLEANING

Corterra should be kept clean at all times. If maintained, Corterra surfaces will retain their new, clean appearance indefinitely. Wash with a non-abrasive all purpose cleaner and water, then rinse. Wipe dry. (Never use cleaners with strong chemicals such as toilet bowl cleaners, rust removers, ceramic cook top cleaners, laquer thinners or oven cleaners). To remove persistent stains use a Scotch Brite pad and an abrasive cleaner or a solution of household bleach and water (1 part water to 1 part bleach).

REPAIRING SURFACE DAMAGE

Surface damage, such as minor chips, scratches, burn marks and graffiti can be repaired with a fine grit abrasive cleanser, such as a Scotch-Brite pad or fine grit sandpaper. For more serious physical damage caused by vandals, an Acorn Solid Surface Repair Kit is available. Contact the factory for details. Refer to drawing #9927-160-002.

CARE AND CLEANING OF STAINLESS STEEL SURFACE

NORMAL CLEANING

Clean weekly or more often, as needed (especially high polishing surfaces)

RECOMMENDED CLEANING MATERIALS

- Sponge – natural or artificial
- Nylon or other soft-bristle material brush
- Soft cloth (as used on automobile finishes)

RECOMMENDED CLEANING SOLUTIONS

- Hand dishwashing liquid/soft water solution
- Mild soap/soft water solution
- 3M Stainless Steel Cleaner/Polish
- White vinegar/soft water solution (for brightening, removing oil and hard water deposits)
- CLR Brand Cleanser or baking soda/soft water solution (for brightening, removing hard water deposits)
- Club soda and sponge

FOR HIGH POLISH STAINLESS STEEL

Note: High polish stainless steel surfaces should never come into contact with any abrasive cleaning brush, cloth or cleaning agent.

To remove smudges and fingerprints:

Wipe surfaces with a quality Stainless Steel Cleaner/Polish. Apply using a soft non-abrasive cloth, wipe surfaces with stainless steel cleaner/polish.

To remove rust stains:

Wipe surfaces with CRES (available from Acorn) or equivalent cleaner. Use recommended solutions. Apply using a soft non-abrasive sponge. Rinse surfaces immediately after application. Always follow cleaner product directions provided. Afterwards, using a soft, non-abrasive cloth, wipe surfaces with stainless steel cleaner/polish.

FOR TOUGH PROBLEMS

- CRES Cleaner specifically for rust stains (available from Acorn)
- Tarn-X for general stains
- #7 chrome polish
- Silver polish

To remove stubborn spots or to treat a scratch *(Standard Satin Finish Only)*:

Use of synthetic, abrasive, general-purpose pads such as Scotch Brite is recommended. Apply the stainless steel cleaner/polish to the synthetic, abrasive pads and CAREFULLY rub out spot with cleaner/ polish. Be sure to rub in the direction of the grain! Do not allow steel wool to come in contact with the stainless steel. Steel particles can embed into the stainless steel surface and create rust!

Stainless steel should be kept clean at all times. If maintained, stainless steel surfaces will retain their new, clean, polished appearance indefinitely. To remove water spots or rust spots, stainless steel cleaner/polish on a cloth is recommended.

IF SPOTS ARE STUBBORN OR IF YOU WISH TO TREAT A SCRATCH: synthetic, abrasive, general-purpose pads such as Scotch Brite are recommended. Apply the stainless steel cleaner/polish to the synthetic, abrasive pad and CAREFULLY rub out spot with cleaner/polish. **Be sure to rub in the direction of the grain!** Do not allow steel wool to come in contact with stainless steel. Steel particles can embed into the stainless steel surface and create rust.

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