



INSTALLATION, OPERATIONS & MAINTENANCE MANUAL

Care-Ware® Bedside Patient care units

Model:4040

***IMPORTANT:** Products with -FCI Option alter Cabinet overall size and plumbing rough-ins.
Pay Careful attention to specified Fixture Model and coordinate with appropriate Installation Details.



4040-ONFW-L (Shown)
Fixture may show some available options

**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.

Carefully review Toilet Anchoring and rough-in details against site conditions.

These units are not considered “accessible” and do not conform with ADA requirements.

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.

Toilet requires a minimum of 25 PSI flow pressure and uses a minimum water consumption of 1.28 GPF.

For -SO Faucet Option: provide 110-120VAC/60Hz/3A (MAX) electrical receptacle for optional 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>

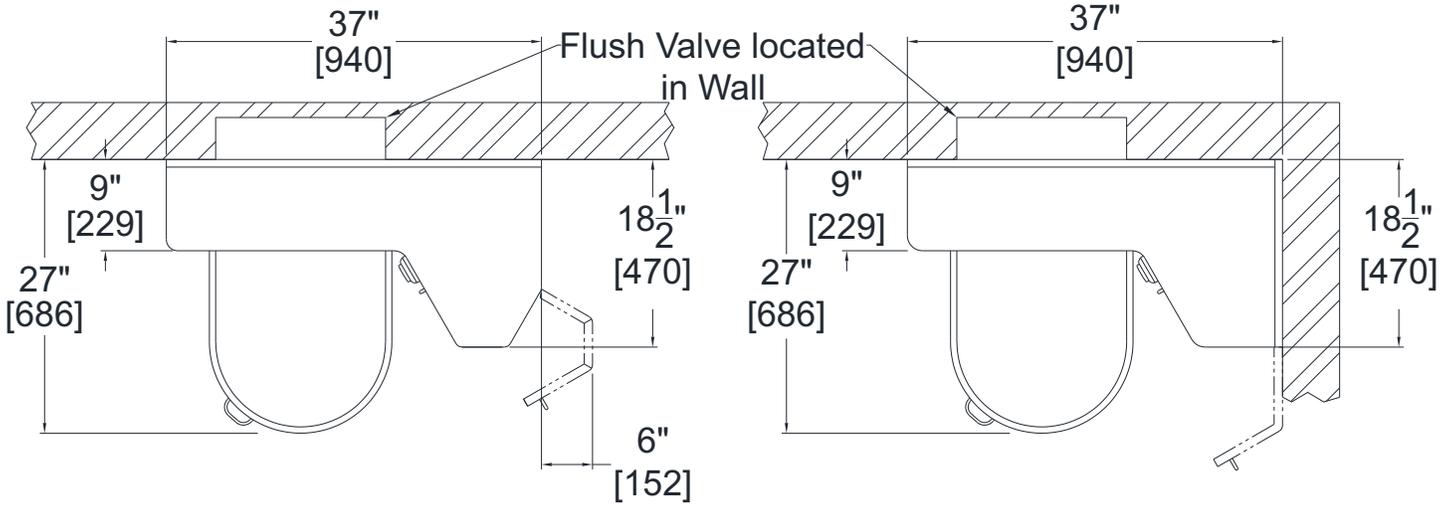




INSTALLATION, OPERATIONS & MAINTENANCE MANUAL

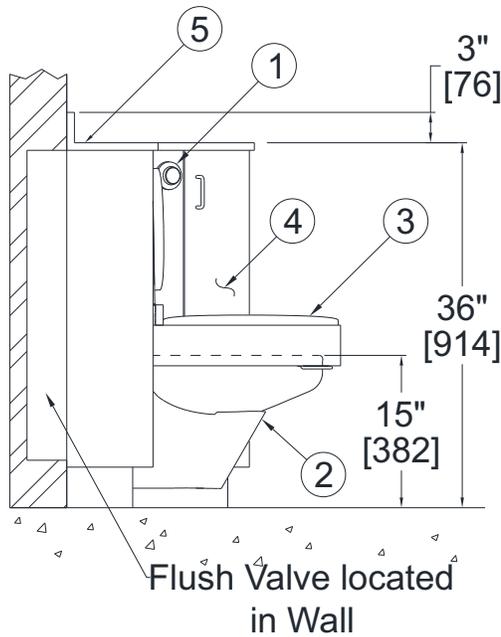
TECHNICAL DIMENSIONS; STANDARD MODEL

STANDARD UNIT;
Less -FCI Option

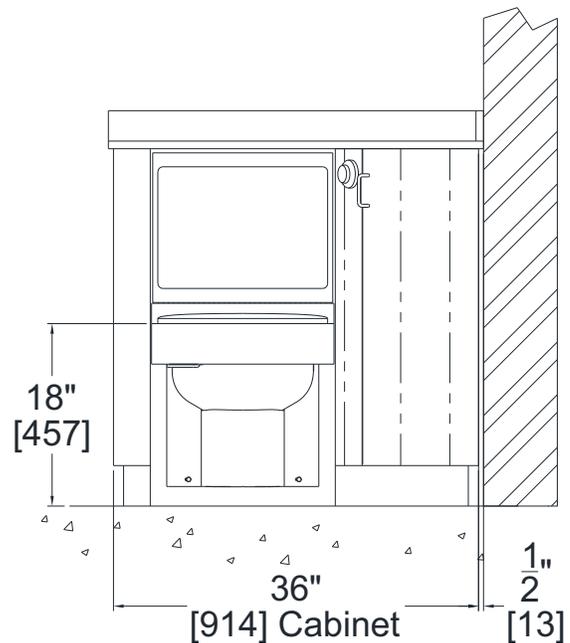


MODEL# 4040-L-1

MODEL# 4040-L-2



SIDE VIEW



FRONT VIEW

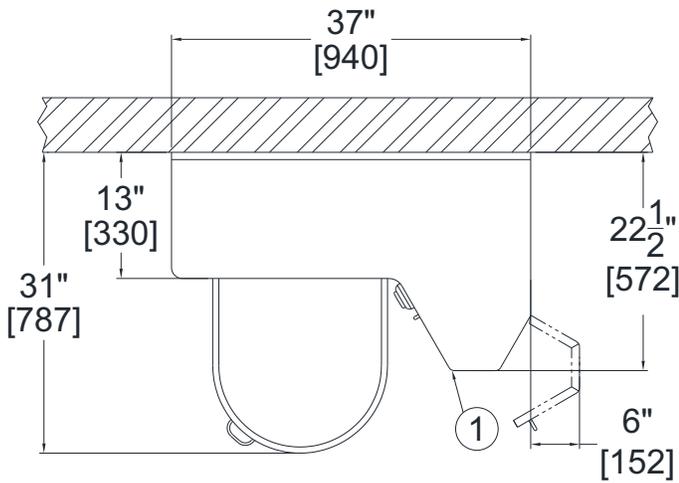
NOTE: All dimensions are in Inches (mm)
(L.H. Unit Shown, R.H. Unit Opposite)

1. Flush Valve Pushbutton
2. Stainless Steel Toilet -OFFW Off Floor Wall Outlet Shown
3. Pivoting Padded Toilet Cover
4. Bedpan Washer Compartment
5. Countertop

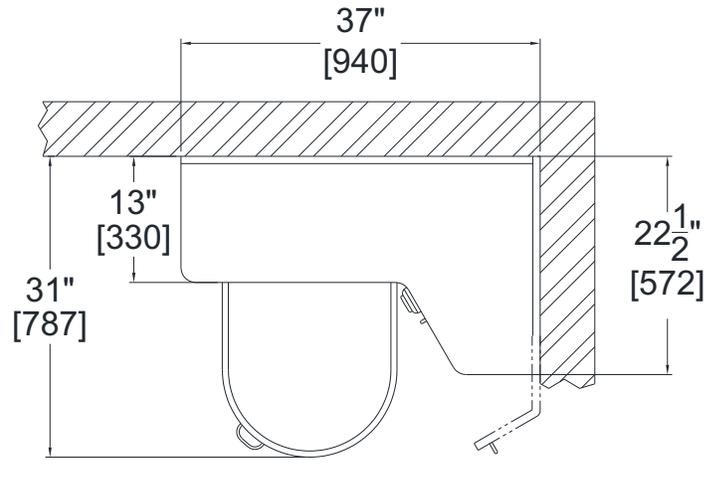


TECHNICAL DIMENSIONS; FCI OPTION

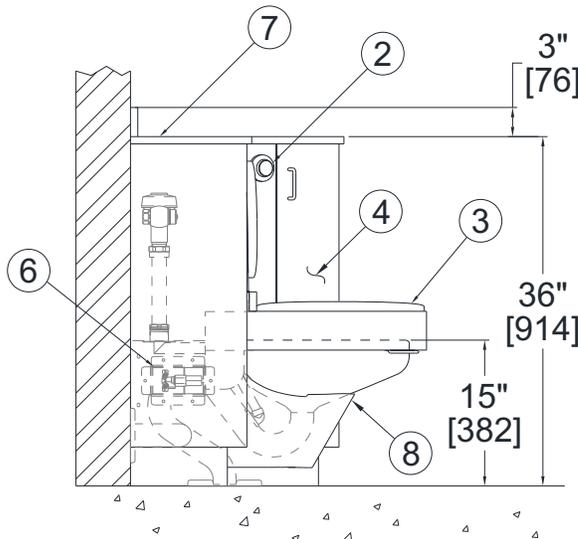
MODELS WITH OPTIONAL -FCI UNIT INFECTIOUS CONTROL FLUSH



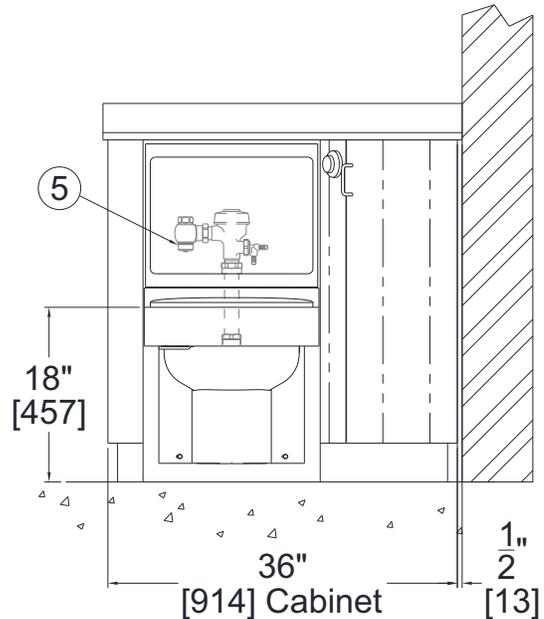
MODEL# 4040-L1-FCI



MODEL# 4040-L2-FCI



SIDE VIEW



FRONT VIEW

NOTE: All dimensions are in Inches (mm)
(L.H. Unit Shown, R.H. Unit Opposite)

1. Extended Cabinet
2. Flush Valve Pushbutton
3. Pivoting Toilet Cover
4. Bedpan Washer Compartment
5. Hydraulic Flush Valve (Located in Stationary Cabinet)
6. Optional -FCI Switch/Control Assembly
7. Countertop
8. Stainless Steel Toilet -OFFFW Off Floor Wall Outlet Shown

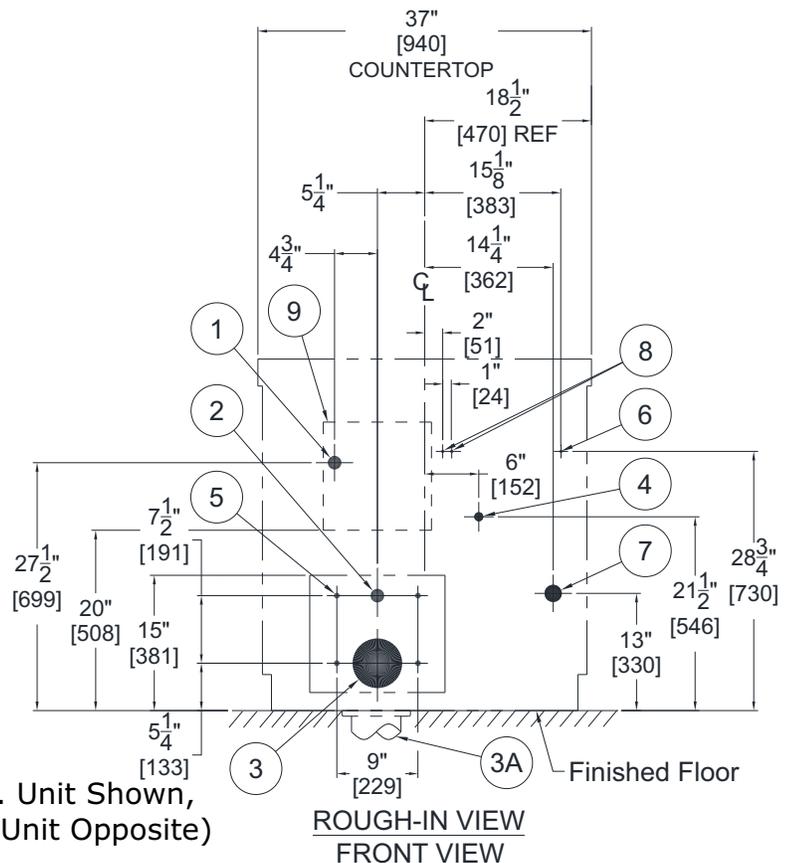
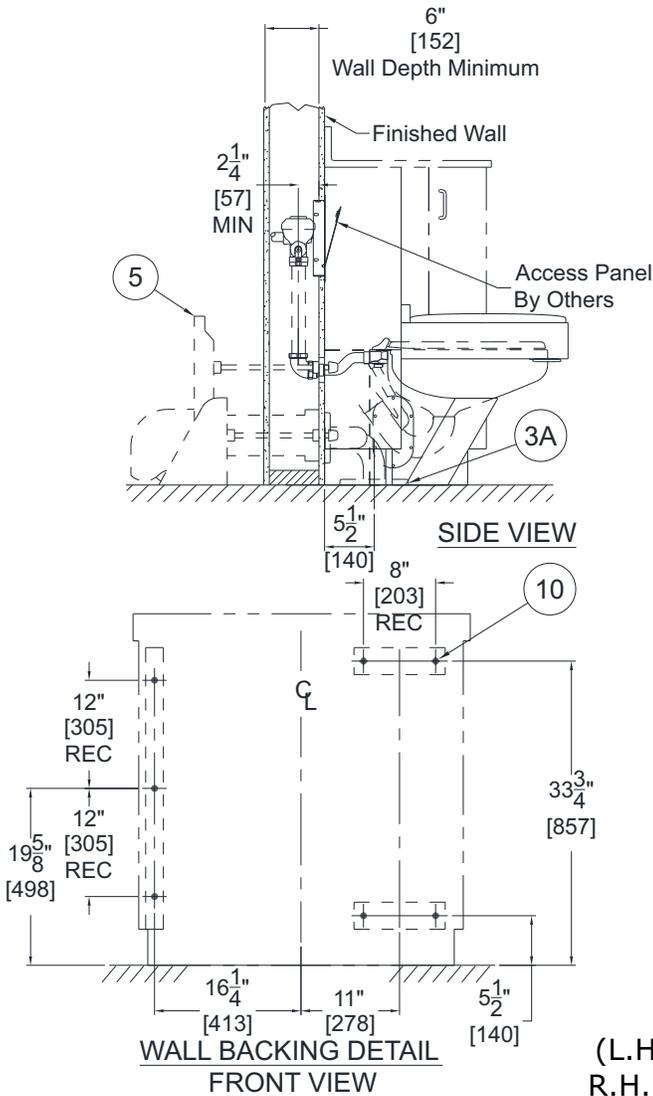


MODEL# 4040 ROUGH-INS STANDARD MODELS

**STANDARD UNIT;
Less -FCI Option**



- Wall must have adequate backing for support at anchoring points.
- Walls must be straight and plumb/square in order to prevent deformation of the cabinet and malfunction of the toilet cover assembly.
- -OFFW Off-floor Toilet unit must be installed on an appropriate compatible water closet support or carrier. Follow the installation instructions supplied with your carrier or support.



1. Flush Valve Supply Inlet 1" NPT.
2. Toilet Flushing Inlet Connection 1-1/2" NPT.
3. **-OFFW or -ONFW Wall Outlet Units:** Include 5-1/2" Dia. Recessed Gasket Flange.
- 3A. **-ONFF Floor Outlet Units:** Includes 7-1/2" Dia. Recessed Gasket Flange.
4. Bedpan Washer Inlet 1/2" NPT from Vacuum Breaker. Acorn recommends a pressure type Vacuum Breaker for backflow prevention. Follow local codes for installation of backflow prevention device.
5. **Models with OFFW Off-Floor Toilet:** Require (4) 5/8" UNC Studs from suitable Carrier Support (By Others).

- Models with -ONFF or -ONFW On-Floor Toilet:** Require adequate wall backing for Mounting Hardware (By Others)
6. Optional -DB Dialysis box Inlet 1/2" NPT. Single Valve.
 7. Optional -DB Dialysis box Outlet 1-1/2" O.D. Tailpiece (P-Trap By Others).
 8. (2) 5/16" diameter Inlet and Outlet Hydraulic Pushbutton holes.
 9. 12-1/2" x 12-1/2" Wall opening for Access Panel (By Others).
 10. Required wall mounting locations, Field drilled for a minimum 5/16" size fasteners.

Note: hold ± 1/16" Tolerance on all Rough-In Dimensions.

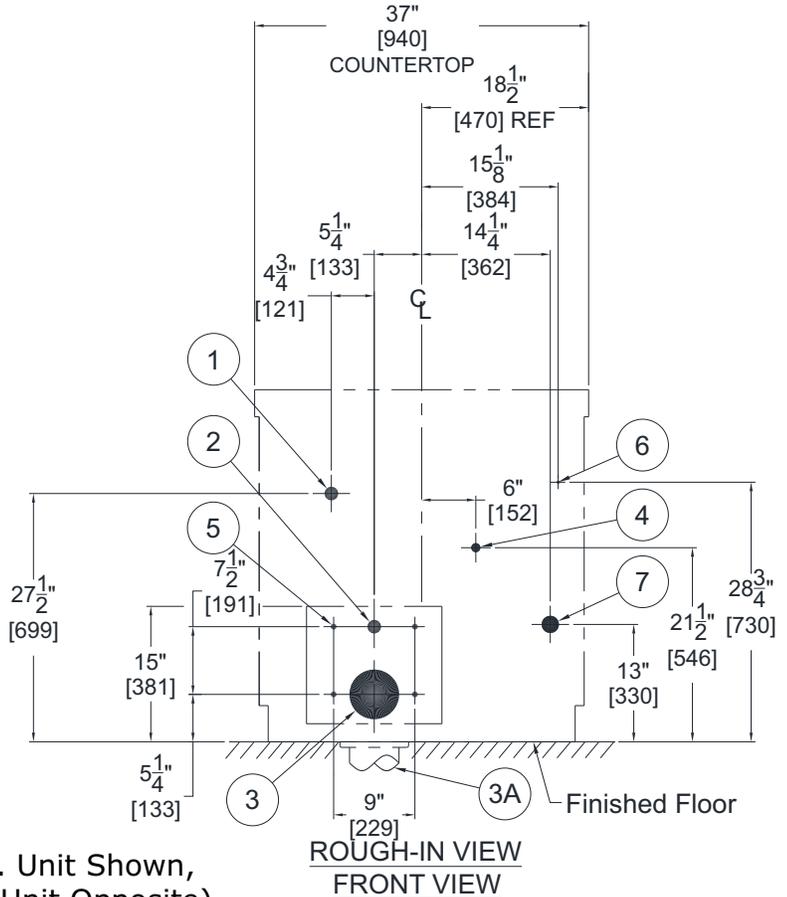
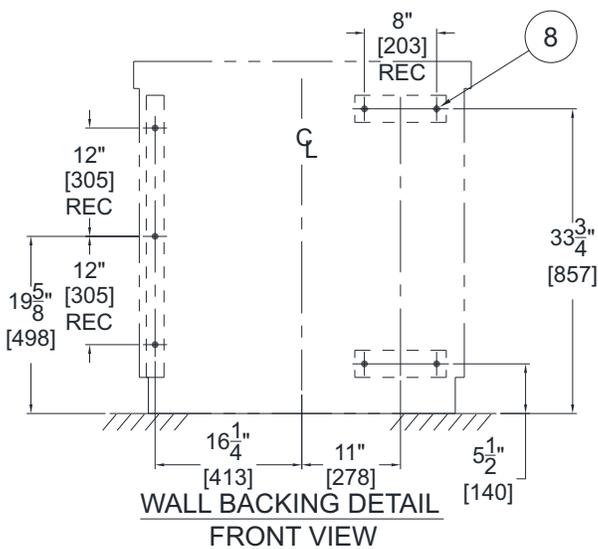
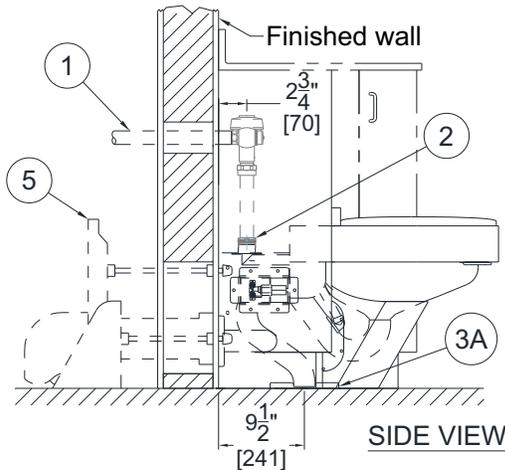


MODEL# 4040 ROUGH-INS -FCI OPTION

-FCI Option



- Wall must have adequate backing for support at anchoring points.
- Walls must be straight and plumb/square in order to prevent deformation of the cabinet and malfunction of the toilet cover assembly.
- -OFFW Off-Floor Toilet unit must be installed on an appropriate compatible water closet support or carrier. Follow the installation instructions supplied with your carrier or support.



(L.H. Unit Shown,
R.H. Unit Opposite)

1. Flush Valve Supply inlet 1" NPT.
2. Toilet Flushing Inlet Connection 1-1/2" NPT.
3. **-OFFW or -ONFW Wall Outlet Units:** Include 5-1/2" Dia. Recessed Gasket Flange.
- 3A. **-ONFF Floor Outlet Units:** Includes 7-1/2" Dia. Recessed Gasket Flange.
4. Bedpan Washer Inlet 1/2" NPT from Vacuum Breaker. Acorn recommends a pressure type Vacuum Breaker for backflow prevention. Follow local codes for installation of backflow prevention device.
5. **Models with OFFW Off-Floor Toilet:** Require (4) 5/8" UNC Studs from suitable Carrier Support (By Others).

Models with -ONFF or -ONFW On-Floor Toilet: Require adequate wall backing for Mounting Hardware (By Others)

6. Optional -DB Dialysis box Inlet 1/2" NPT. Single Valve.
7. Optional -DB Dialysis box Outlet 1-1/2" O.D. Tailpiece (P-Trap By Others).
8. Required wall mounting locations, Field drilled for a minimum 5/16" size fasteners.

Note: hold $\pm 1/16$ " Tolerance on all Rough-In Dimensions.

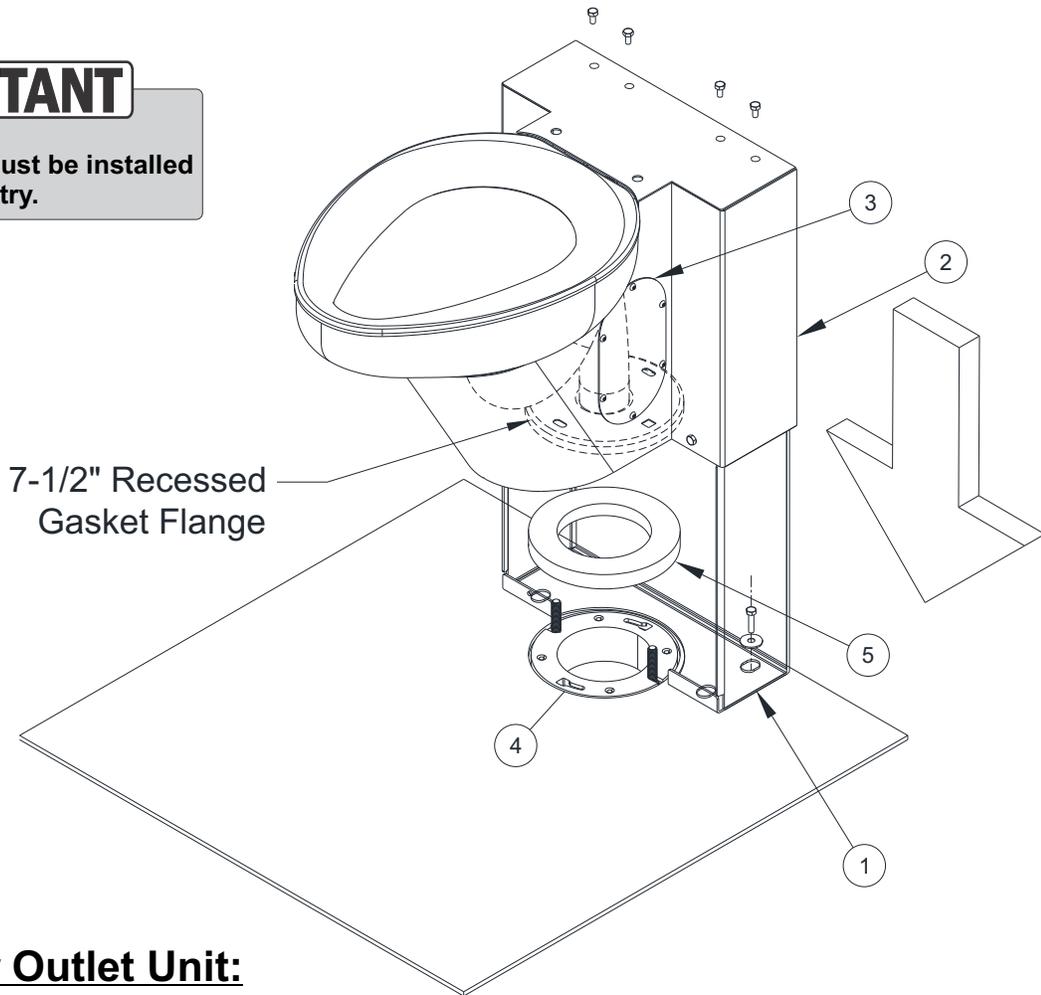


TOILET INSTALLATION DETAILS



IMPORTANT

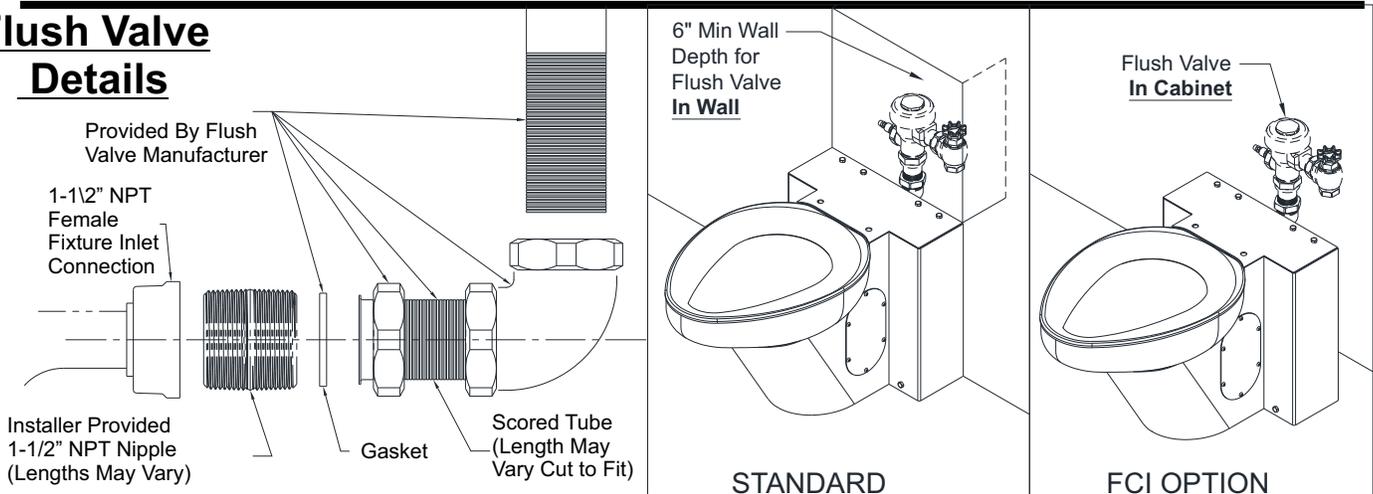
NOTE: Toilet must be installed prior to Cabinetry.



-ONFF Floor Outlet Unit:

- A. Position and attach Floor Channel [1] onto Floor. Floor Anchors and Fasteners (By Others).
- B. Slide Toilet down over Floor Channel [1]. Attach Toilet Housing [2] to Floor Channel [1] using hardware provided.
- C. Remove Access Panel [3] and Fasteners make up Toilet Waste Connection using closet flange [4] and gasket [5] (By Others).
- D. Install Flush Valve to Fixture as required per manufacture's recommendations.

Flush Valve Details



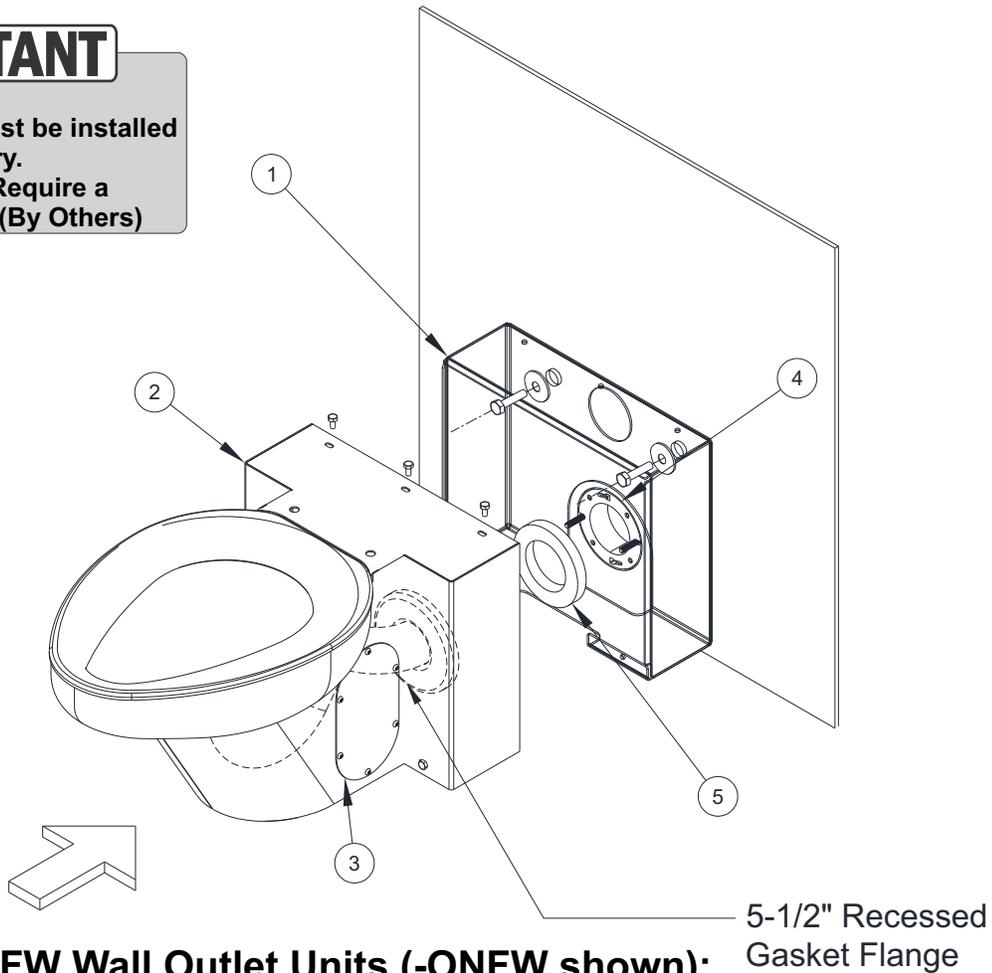
WHITEHALL MANUFACTURING • P.O. BOX 3527 • City of Industry, CA 91744-0527 U.S.A.
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TOILET INSTALLATION DETAILS



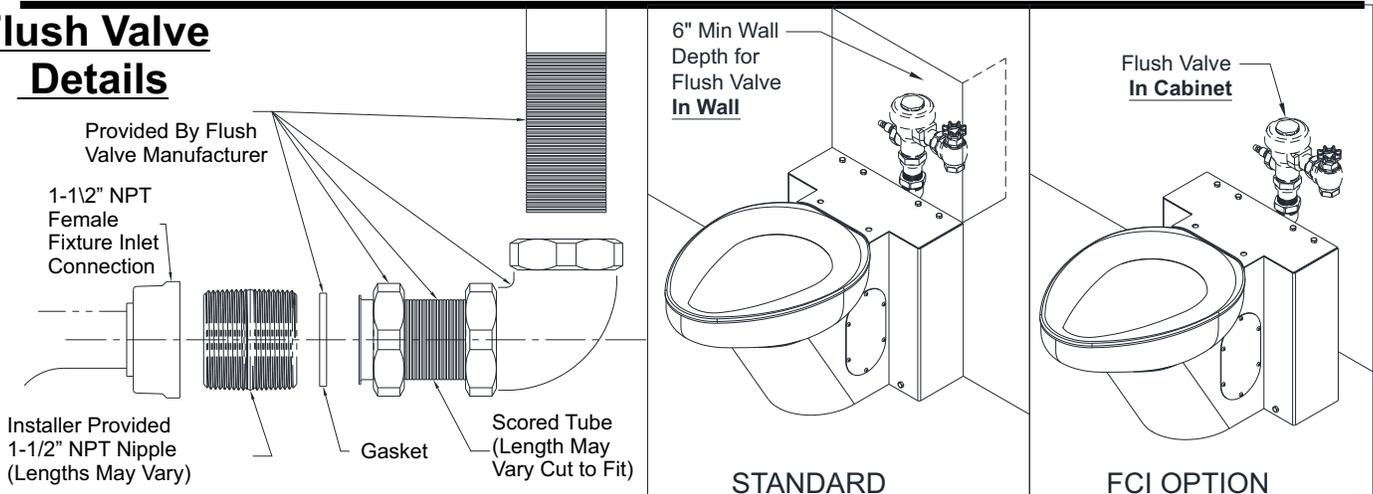
NOTE: Toilet must be installed prior to Cabinetry.
-OFFW Models Require a Support Carrier (By Others)



-OFFW or -ONFW Wall Outlet Units (-ONFW shown):

- A. Position and attach Wall Channel [1] onto Wall. Wall Anchors and Fasteners By Others.
- B. Slide Toilet back over Wall Channel [1]. Attach Toilet Housing [2] to Wall Channel [1] using hardware provided.
- C. Remove Access Panel [3] and Fasteners make up Toilet Waste Connection using closet flange [4] and gasket [5] By Others.
- D. Install Flush Valve to Fixture as required per manufacturer's recommendations.

Flush Valve Details



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CABINET INSTALLATION

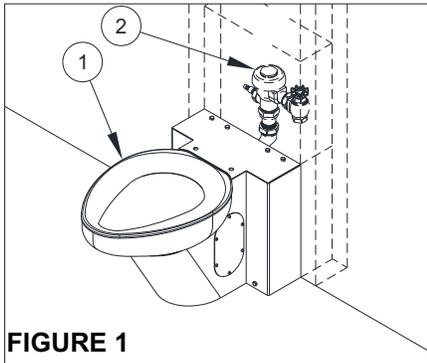


FIGURE 1

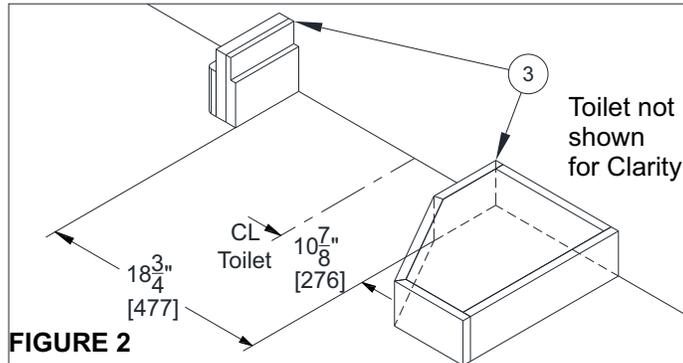


FIGURE 2

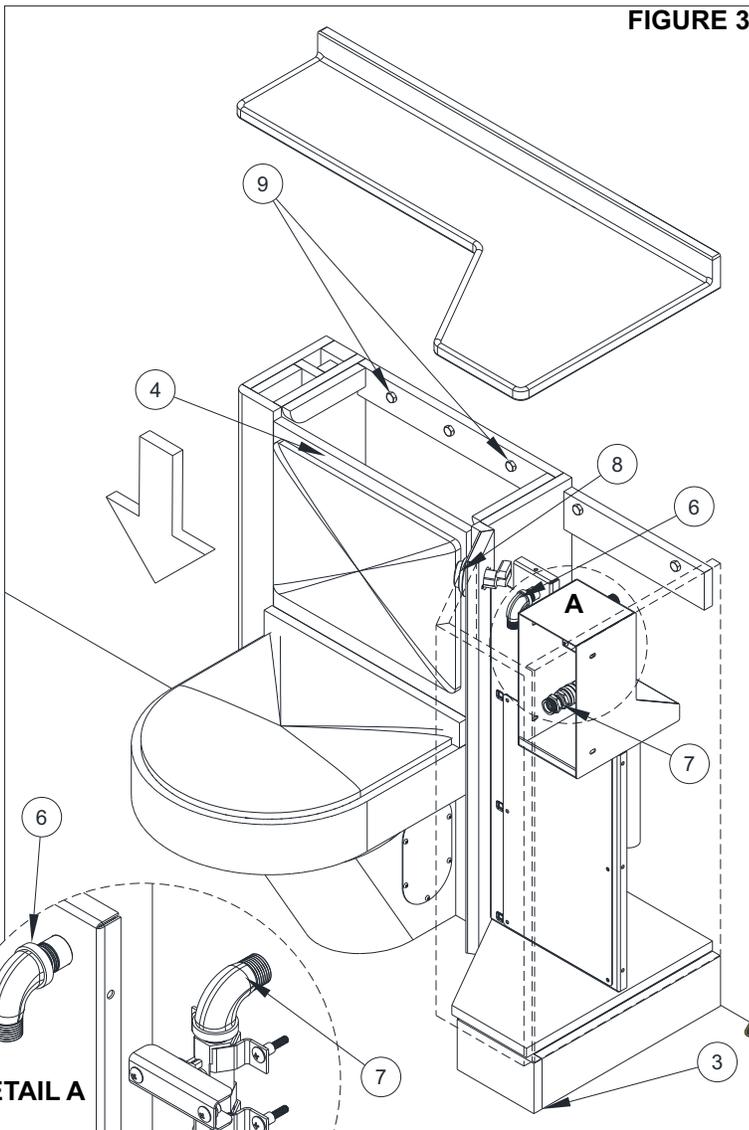


FIGURE 3

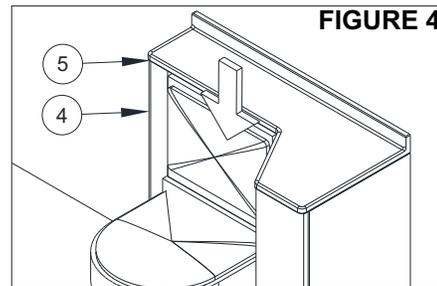


FIGURE 4

INSTALLATION INSTRUCTIONS:

- A. With the Toilet [1] and the Flush Valve [2] installed, place Bottom Supports [3] Flush against the back wall 18-3/4" apart. **Figure 1 & 2.**
- B. Remove Countertop [5]. **Figure 3.**
- C. Lower Cabinet assembly [4] over the Bottom Supports attaching them to the cabinet assembly as required. **Figure 3.**
- D. Make sure Cabinet is square and straight prior to mounting to the wall using Mounting Hardware [9] (By Others). **Figure 3.**
- E. Make up Connections for the following if applicable.
 - BW Bedpan Washer [6]
 - DB Dialysis Box [7]
 - FCI Infectious Control Valve**Figure 3 & Detail A.**
- F. For Pushbutton [8] Refer to Flush Valve Manufacture details.
- G. Lower Countertop [5] onto Cabinet [4] and attach as required. **Figure 4.**

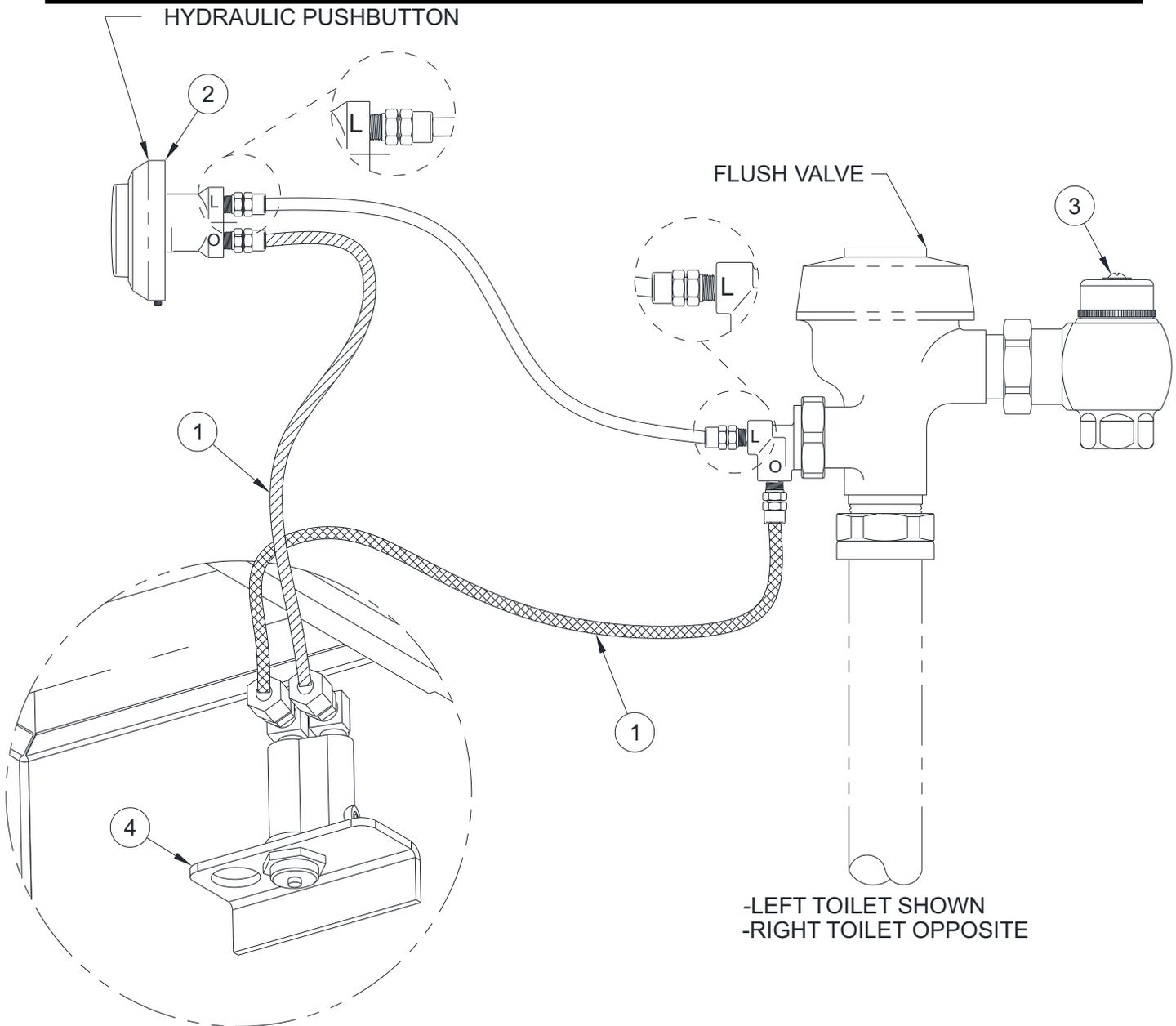
! IMPORTANT

- Installer shall determine Mounting Method and Hardware to suit cabinetry and wall construction based upon Industry Standards of Best Practice
- For -FCI Options refer to -FCI Details Page for more information.
- For FCI Option Flush Valve will be located in the cabinet.
- Use of Shims may be required.
- If unit is not square and plumb Whitehall is not responsible for any damage that may occur.

L.H. UNIT SHOWN, R.H. Unit Opposite



-FCI INFECTIOUS CONTROL FLUSH DETAIL



INSTALLATION INSTRUCTIONS:

- A. Connect the 1/4" Supply Tubing [1] to the appropriate position on the Pushbutton Assembly [2]. Connect the 1/4" Tubing [1] from the Flush Valve [3] to the Switch [4], and from the switch to the Pushbutton [2] using the tubing supplied with the Flush Valve.
- B. Check the operation of the Flush Valve and the -FCI, Observe for leaks.

NOTE: The -FCI Flush Valve interrupt switch option provides a means of disabling the Flush Valve Pushbutton when the Toilet is in the "In-Use" position. When the Fixture is returned to the stowed position, the Flush Valve Pushbutton is again enabled, allowing the unit to be flushed normally.

NOTE: The connections to the Switch [4] are inter-changeable and will not affect usage.