

Particular attention should be paid to the sensor location and grab bar conflicts. All electrical wiring should be installed in accordance with National & Local Codes and Regulations.

Delany recommends that a pre-installation meeting be held between the electrician and the plumbing contractor. The Delany Representative should organize this. At which the installation and location of the electrical boxes should be discussed in order to provide smooth communication on this critical point and the Electrical Box Rough-In needs to be passed to the electrician.

Prior to Installation

Prior to installing the flush valve(s), the following items must be installed:

Two (2) 2-Gang electrical box (4" x 4" x 3.5" or 102mm x 102mm x 89mm) for sensor & solenoid.

Electrical receptical positioned with eighteen (18) feet so that a plug-in transformer can be installed.

Locating Sensor/Solenoid Boxes

Note: Electrical Box Location for the Solenoid is CRITICAL. Failure to properly position the Solenoid electrical box to Template provided may result in improper installation and could result in the improper performance, which will result in the manufacturer's warranty being voided.

- 1) Locate the supply line for a particular fixture.
- 2) Based upon whether the fixture is to be a WC or urinal find the appropriate Rough-in Template in the box.
Rough-in Templates can also be found on <https://delanyproducts.com/sensorflush.html>
- 3) Make sure the Solenoid box's C/L is 7/8" below the C/L of the Control Stop and in-line with the C/L of the waste pipe.
- 4) Secure the Solenoid box in place.
- 5) 3/4" conduit is recommended to be installed between the boxes.

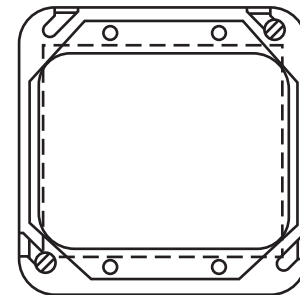
Note:

There are two critical dimensions for the Solenoid box.

Ensure the Vertical C/L of the Solenoid box is in line with the waste pipe/fixture

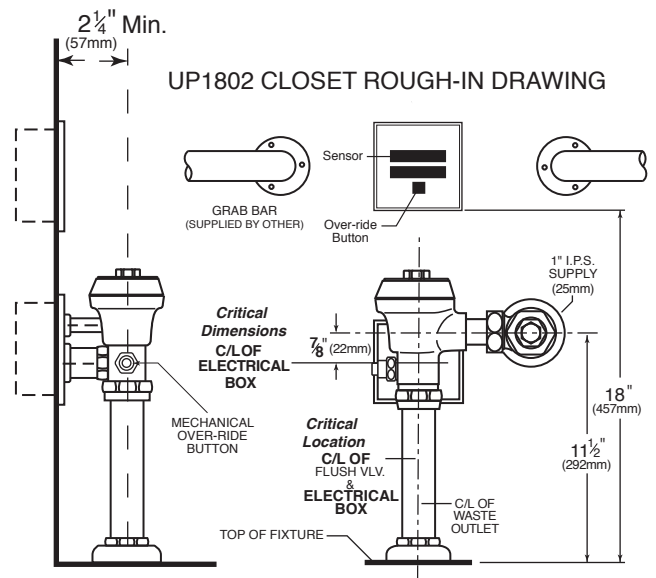
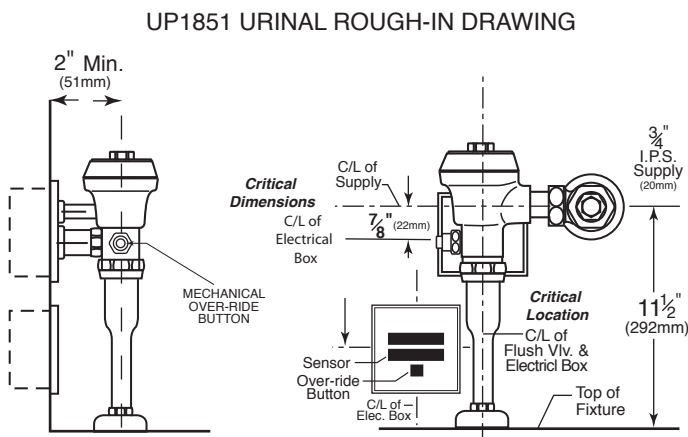
Ensure the Horizontal C/L of the Solenoid box is 7/8" below the C/L of water supply pipe.

These dimensions are clearly marked on the Template & in rough-in drawings.



NOTE: INSTALL PLASTER RING SO THAT SCREW HOLES ARE ON THE TOP AND BOTTOM OF THE BOX

URINAL & CLOSET
SENSOR & FLUSH VLV. WALL BOX
(VIEW WITHOUT MOUNTING BRACKET & COVER PLATE)



What's in the Electrician's Box

The 3-valve power supply "2324-3" contains the following:

9V Transformer

3-Way Splitter

Wiring and Electric box Instructions

Sensor-to-Solenoid Extension Wires labeled "D"

Valve-to-Valve Extension Wires labeled "B"

TrueSense Wiring Instructions

- 1) Lead the Power Supply Wire labeled "B" to Sensor Box.
- 2) Dead end the wire in the box with label "B" visible for the plumber
- 3) 3/4" conduit is highly recommended to be installed between the boxes
- 4) Run the connector wire from the Solenoid Box into the Sensor box.
- 5) Make sure the end with label "D" is in the Sensor Box. This will ensure that the proper connector is in the proper box for plugging into the wire for the sensor.

Note: When you are finished, the proper installation will have 2 wires in the Sensor Box, 1 labeled "B" and the other labeled "D". The Solenoid Box will have one wire in it and will **not** have a label. This wire connects the sensor to the solenoid and is labeled "D" on the other end.

Note: It is not recommended to connect two (2) valves that are more than twenty-two (22) feet apart (or 6 extension cables connected together)

WIRING DRAWING

