

## INSTALLATION INSTRUCTIONS FOR TRF ELECTRONIC/SENSOR DUAL FLUSH FLUSHOMETERS

### TruFlush Model:

TRF 8036-N  
TRF 8024-N  
TRF 8036-D25  
TRF 8024-D25



### Sloan® India Private Limited - Limited Warranty Summary

Sloan India Private Limited ("Sloan"), warrants its products against defects in materials and workmanship, excluding damage caused by matters beyond Sloan's reasonable control. Instructions for filing claims can be found in the Limited Warranty which can be obtained at <https://www.sloan.com/company/international/sloan-india> or by requesting a free copy by telephone to Sloan India toll free number 1 800 123 3080 or via Mobile: +91 729 005 0961 or via Landline : +91 124 601 3333. Sloan will repair or replace your defective product, or provide a refund, as your exclusive remedy.

This is only a general summary of Sloan's Limited Warranty so it is important to note that the specific terms, conditions, limitations and exclusions, including the duration of warranty coverage for your particular Sloan product, are contained in the actual Sloan Limited Warranty. The Limited Warranty is subject to applicable laws in your country, state, province or other jurisdiction—and disputes arising under the Limited Warranty are to be resolved by binding arbitration unless you provide Sloan with an opt-out notice no later than 30 days after your purchase date. In case of a conflict with this summary, the terms and conditions set forth in the complete Limited Warranty will prevail.

## PRIOR TO INSTALLATION

This valve is designed for new construction or where there is easily accessed plumbing for the fixture and the valve.

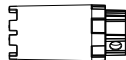
This valve is designed for minimum six inch (152 mm) wall space depth. Distance from center of the valve (inlet or outlet pipe) to the finished surface of the wall can vary from 2"-3" (51-76 mm).

Wall plate opening must be of 5.6" x 5.6" (142 x 142 mm). Mud plate is provided and must accompany valve for proper installation. Mud plate is removed after wall is finished.

## TOOLS REQUIRED FOR INSTALLATION



• Phillips screwdriver



• Adjusting tool (supplied)



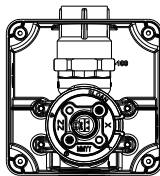
• Water Level

## ITEMS INCLUDED WITH THE PRODUCT

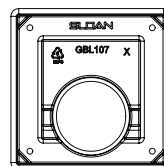
### VALVE BOX

1. Wall Box and Electronic Valve Assembly
2. Mud Guard
3. Adjustment Tool
4. (2) #8-32 x 2" screws to secure mud guard
5. (2) 1/4"-20 x 2" screws to remove activation assembly
6. Installation instructions
7. CPVC Reducing Bush 1-1/4" x 1"

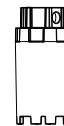
1. Wall box and electronic Valve Assembly



2. Mud Guard



3. Adjustment Tool



4. Mud Guard Screws



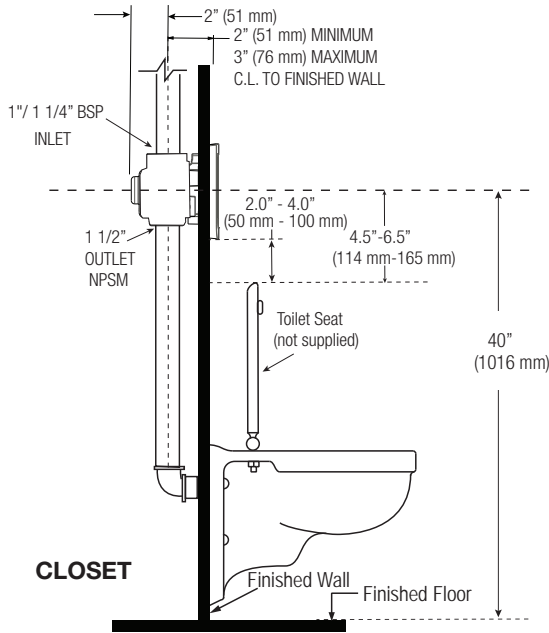
5. Activation Assembly Screws



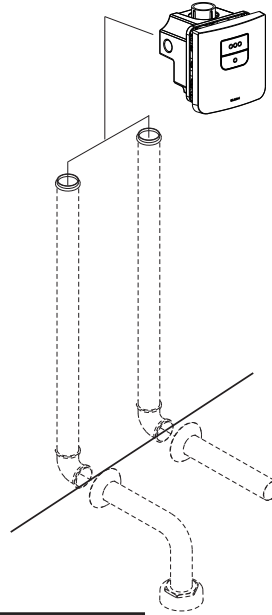
7. CPVC Reducing Bush 1-1/4" x 1"



## ROUGH-IN



NOTE : Flush Connections shown in dotted lines not included.



### !!! IMPORTANT !!!

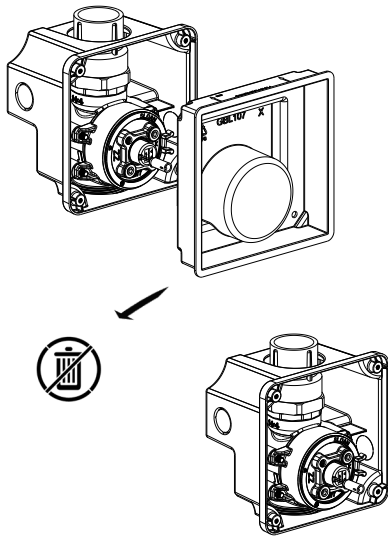
SLOAN'S FLUSHOMETERS ARE DESIGNED TO OPERATE WITH 20 TO 80 PSI (138 TO 552 KPA) OF WATER PRESSURE. **THE MINIMUM PRESSURE REQUIRED TO THE VALVE IS DETERMINED BY THE TYPE OF FIXTURE SELECTED.** CONSULT FIXTURE MANUFACTURER FOR MINIMUM PRESSURE REQUIREMENTS. MOST HIGH EFFICIENCY WATER CLOSETS REQUIRE A MINIMUM FLOWING PRESSURE OF 25 PSI (172 KPA). MANY BUILDING CODES AND THE ASME A112.19.2 FIXTURE STANDARD LIST MAXIMUM STATIC WATER PRESSURE AS 80 PSI (552 KPA).

### !!! IMPORTANT !!!

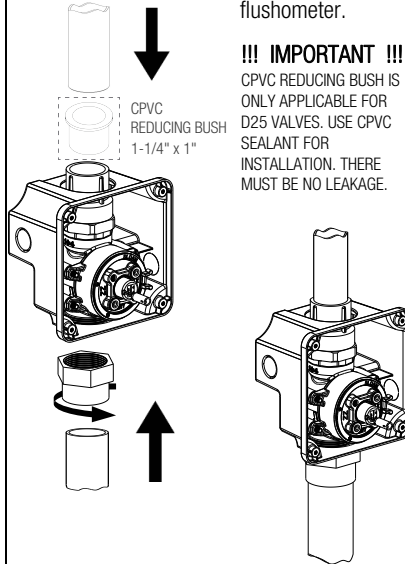
**WITH THE EXCEPTION OF INLET, DO NOT USE PIPE SEALANT. DO NOT USE PLUMBING GREASE ON VALVE COMPONENTS OR COUPLINGS!**

## 1. CONNECT FLUSHOMETER

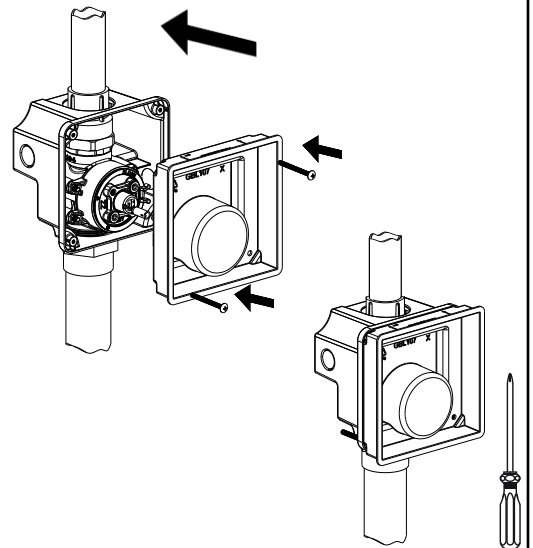
1. Remove the mudguard and save it for later use- **DO NOT DISCARD.**



2. Connect the inlet pipe to the Top CPVC connector ("IN") and fixture flush connection to bottom ("OUT") of flushometer.



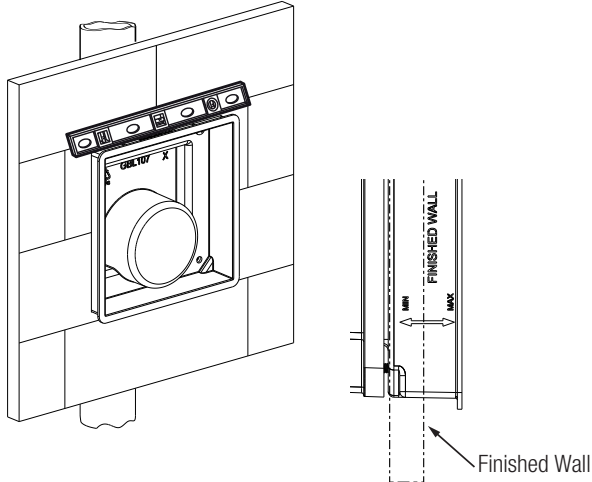
3. Reinstall mud guard to valve. Use the mudguard screws (supplied).



### !!! IMPORTANT !!!

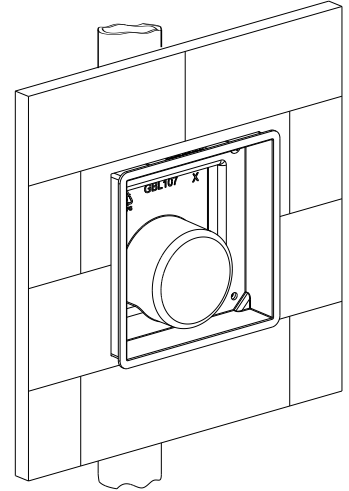
**MAKE SURE SUPPLY LINES ARE FLUSHED OUT. DEBRIS CAN DAMAGE THE VALVE OR CAUSE VALVE TO MALFUNCTION. DO NOT CONTINUE THE INSTALLATION UNTIL SUPPLY LINES ARE CLEAR.**

4. Use the Water Level to make sure the Valve is level. Finish the wall. Use marks on mudguard to make sure finished wall is in between 2" (51 mm) and 3" (76 mm) from centerline of the inlet pipe.



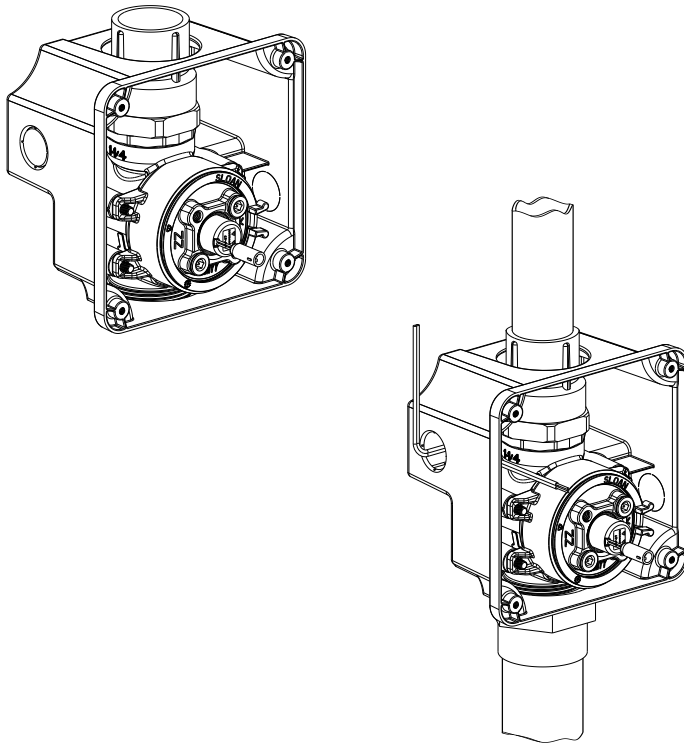
5. Only Remove the mudguard when installing Wall Plate. For more information Refer Wall Plate Installation Manual (08160044).

**Note:** Removing the Mudguard beforehand might result in damage to the solenoid from debris.

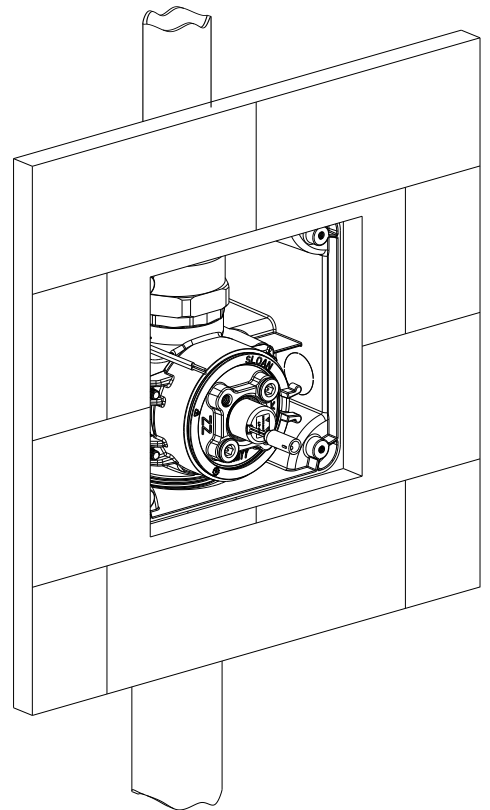


## 2. CONNECT FLUSHOMETER (HARDWIRE CONNECTION)

1. Remove one of the knockout caps and route the transformer wire through it inside wall box.  
**NOTE:** Use a conduit pipe to protect the transformer wire from damage during installation.



2. Finish the wall as instructed above.



### !!! IMPORTANT !!!

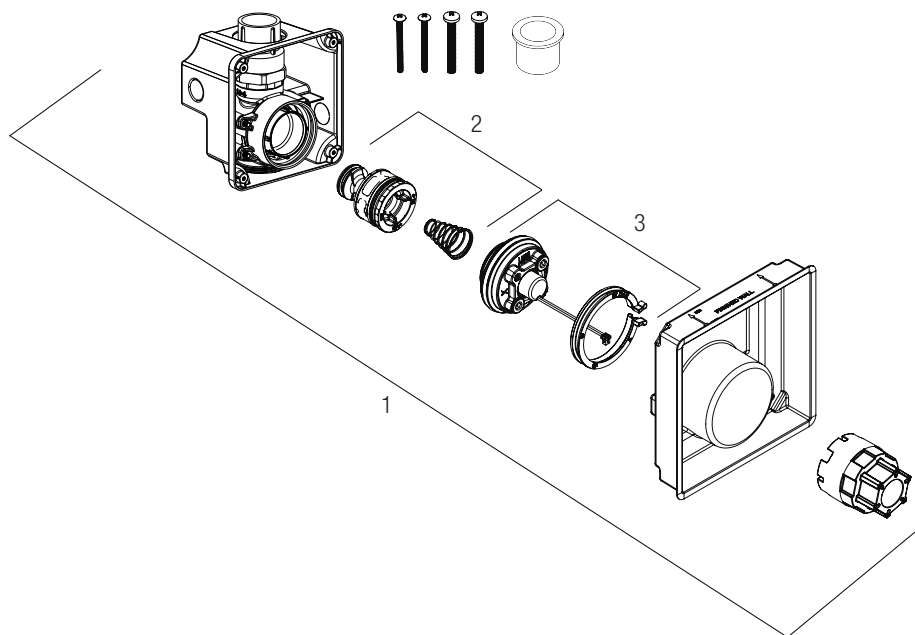
**TRANSFORMER NOT PROVIDED. IT IS VERY IMPORTANT THAT THE OUTPUT VOLTAGE OF THE TRANSFORMER MUST BE 6VAC FOR THE UNIT TO FUNCTION PROPERLY. SLOAN EL-386 OR EL-451 IS RECOMMENDED (120 VAC/6VAC) OR ELG-220 (220VAC/6VAC).**

## 2. INSTALL WALL PLATE ASSEMBLY

Refer to Wall Plate Installation Manual for Electronic Dual Flush (08160044).  
Refer to Wall Plate Installation Manual for Sensor Dual Flush (68160149).

### PARTS LIST

Item No.	Description
1	Valve Assembly Less Plate
2	Piston Assembly
3	Activation Assembly



Wall Plate Installation Manual for Electronic Dual Flush (08160044).  
Wall Plate Installation Manual for Sensor Dual Flush (68160149).

**For complete listing of items available for repair, please consult Maintenance and Repair Guide.  
available on [www.sloan.in](http://www.sloan.in)**

Code No. 08160063

Rev. 3 (09/25)

**SLOAN INDIA PRIVATE LIMITED**

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