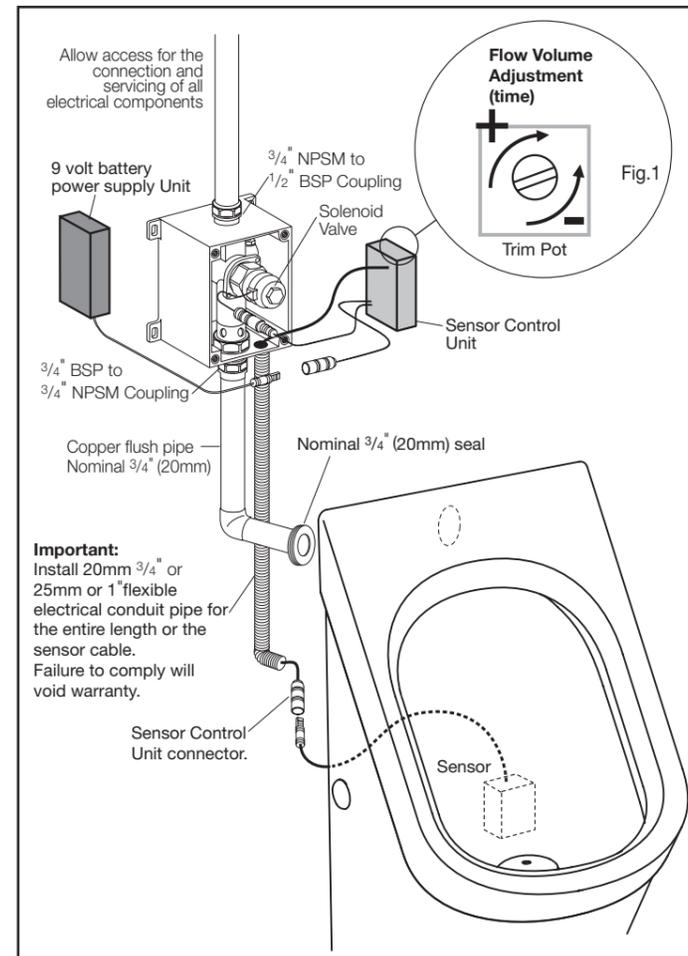


# cube<sup>3</sup> ULTRA

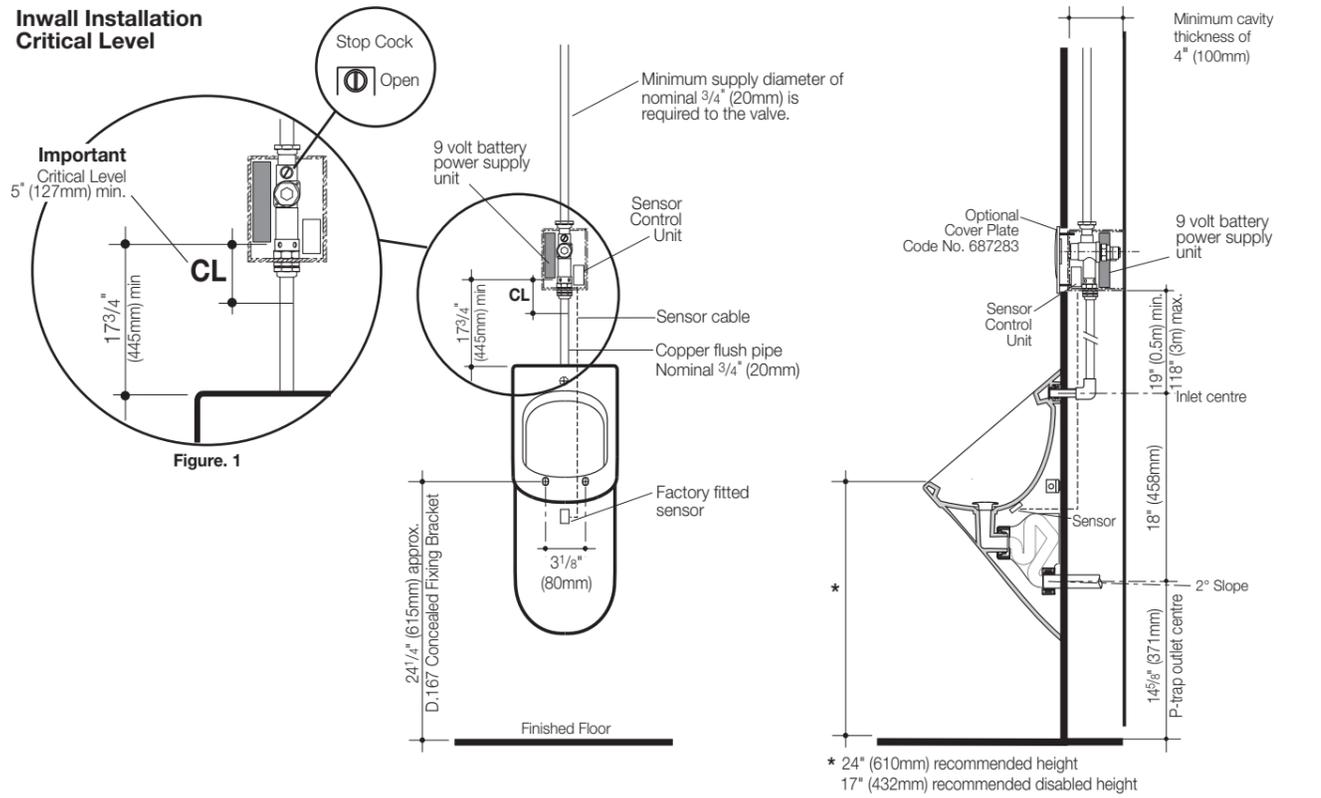
## 0.13 gallon (0.5 litre) Ultra Low Flush Electronic Activation Urinal Installation Instructions.

1. Install flush valve as required, inwall, induct or in ceiling and ensure that the critical dimensions in Figure 1 are achieved. **IMPORTANT:** Flush valve must be installed vertically.
  2. Connect water supply and flushpipe.
  3. **IMPORTANT:** Fit flexible electrical conduit pipe for sensor cable without kinks, (not supplied).
  4. The operation flow pressure of the valve is 43.5 to 72.5 psi (300 to 500 kPa) 98 1/2' to 164' head (30 to 50 metres head) to achieve a minimum flow to the valve of 5.3 gallons/minute (20 litres/minute) necessary to flush the urinal with 0.13 gallons.
  5. Remove white protective plug and install the solenoid valve into position.
  6. Make connection from solenoid valve to sensor control unit.
  7. Mount sensor control unit, as detailed in Fig. 1.
  8. Make connection from 9 volt battery power supply unit to sensor control unit and mount battery unit, as detailed in Fig. 1.
  9. Route sensor cable and plug, connect with factory fitted sensor on the urinal.
  10. Ensure correct connections are made prior to installing urinal. Flush lines before connecting flush valve.
- \* **Suggested onsite method of determining discharge volume of 0.13 gallon (0.5 litres) per flush.**
11. Activate the flush valve by waving your hand in front of the sensor. Discharge the water through a hose into a container.
  12. Adjust discharge time to discharge 0.13 gallon (0.5 litres) per flush. To adjust the timing, turn the controller trim pot with the screwdriver supplied as detailed in Fig.1
  13. Install the urinal and test.
  14. Install optional cover plate on Inwall installation only.
- Note: Refer to Caroma technical manual for more information.

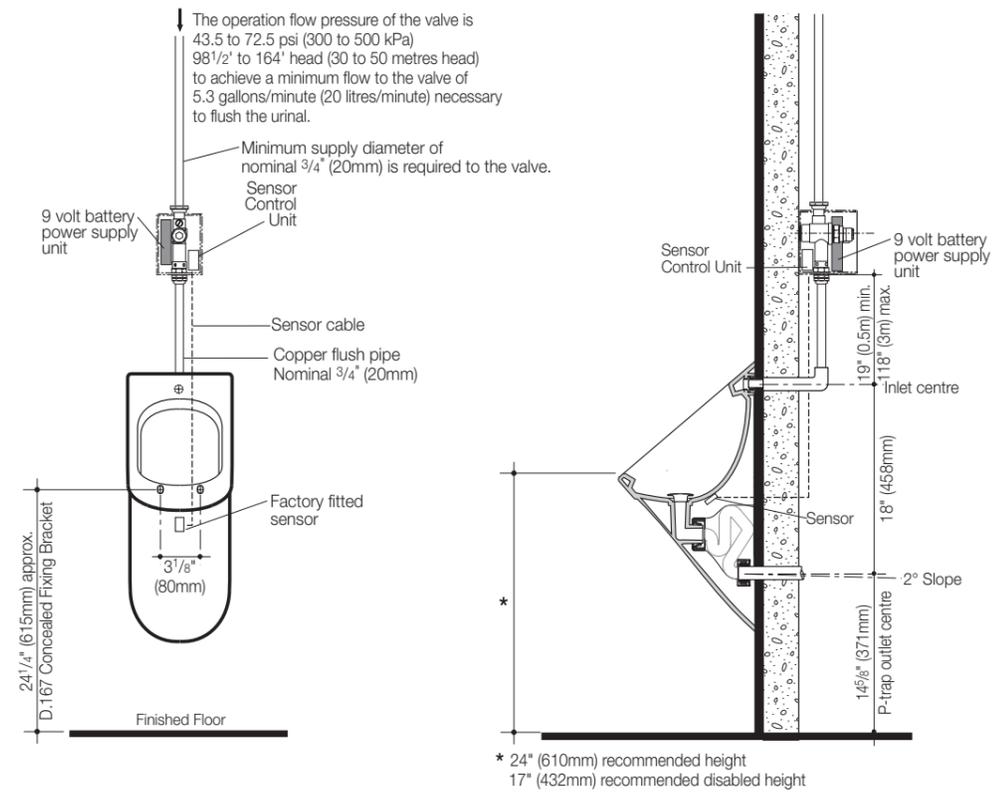


**Important:**  
Install 20mm 3/4" or 25mm or 1" flexible electrical conduit pipe for the entire length or the sensor cable. Failure to comply will void warranty.

### Inwall Installation Critical Level



### Induct Installation



### Inceiling Installation

