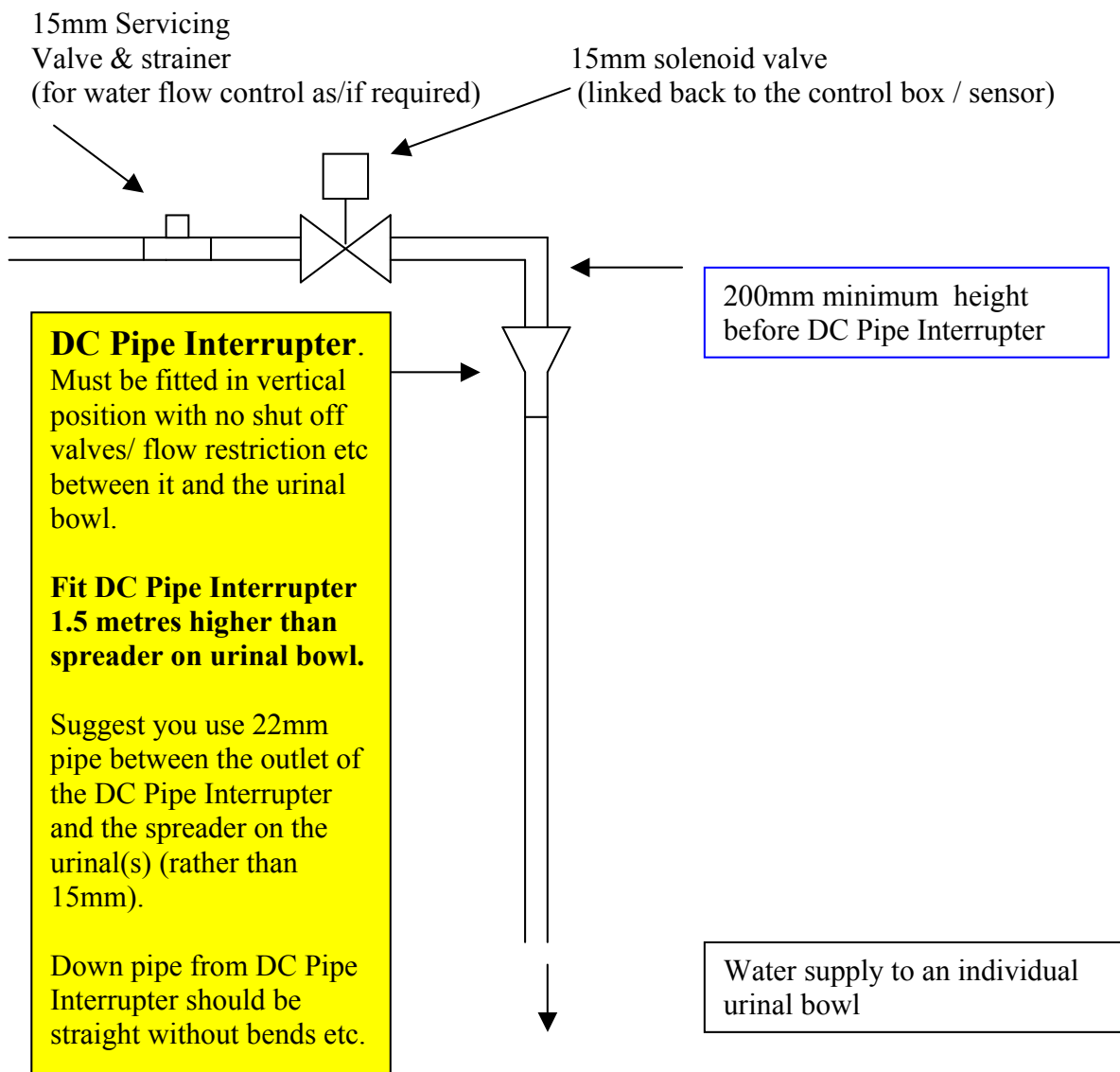


## SBUFC(V2) Sensor Individual Urinal Flushvalve

### NOT using a cistern - DC Pipe Interrupters

If you are not using cisterns, current water regulations state you should use DC Pipe Interrupters if the water supplying the urinals is directly off the mains water supply. **Important:** Each urinal bowl should have its own DC Pipe Interrupter, there should be NO flow restriction between the DC Pipe Interrupter and the urinal bowl, and the urinal bowl must have a spreader suitable for low water pressure application. (Even if the incoming water pressure is high, the DC Pipe Interrupter will effectively turn it into a low pressure gravity feed system). If the urinal spreader is not suitable for low pressure it may mean that you do not get a proper flush of the bowl and may also mean that water goes through the DC Pipe Interrupter quicker than the urinal spreader can take the water away, thus making water backfill up the sparge pipe. **NB** If the water backfills up the pipework and reaches the DC Pipe Interrupter, it is designed to spill water on to the floor rather than let water go further up the pipe ... **so beware!!!**



If you don't want to use DC Pipe Interrupters, you can use a central cold water storage tank and pump set to provide water to all, but only, the urinals throughout the building.

## Using 1 x Cistern to provide water to several Urinal Bowls you must NOT fit an automatic flushing siphon in the cistern.

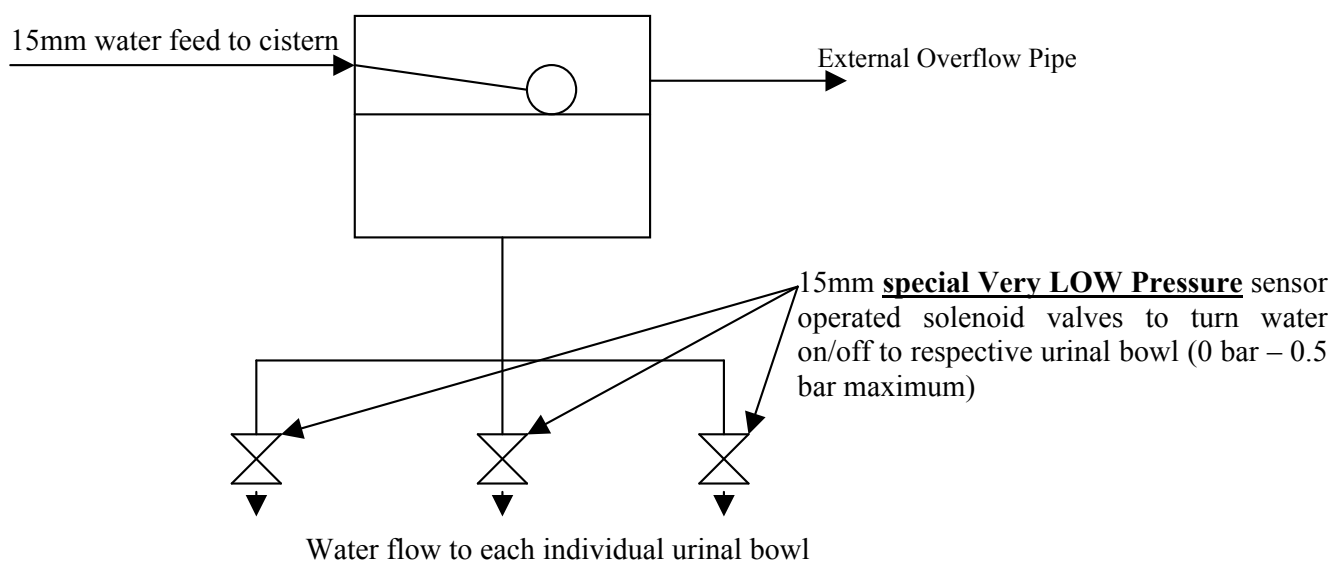
If you are using a single cistern to supply water to a number of urinal bowls you should fit a ballvalve into the cistern so it effectively acts as a storage tank. Fit a very low water pressure solenoid valve on to each of the sparge pipes going from the cistern to the urinal bowls.....fit the solenoid valves as close as possible to the urinal spreader end of the sparge pipe. This will maximise the water pressure at the valve.

You will need special low pressure solenoid valves (as the distance between the bottom of the cistern and where our valves will be fitted is normally only a matter of a metre or two). **Fit the cistern as high as possible above the urinal bowls to maximise the head available.**

NB: The Low Pressure Solenoid Valves we supply have the following Flow: Pressure ratings

0.1 bar	approx 4.3 Litres per Minute (Lpm)
0.2 bar	approx 6 Lpm
0.3 bar	approx 7.5 Lpm

**Ensure the cistern is fitted high enough to obtain any minimum required flow rate for the urinal bowl.** (1 metre head = approx 0.1 bar water pressure). Please also check if the spreader on your urinal bowl requires a minimum water pressure to operate (as some urinals will not operate with low water pressure).



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