

Specialist Washing Co.



Notes to accompany WuduSeat Quotations

Thermostatic Mixing Valve

We recommend using a Thermostatic Mixing Valve in a public environment so that once hot and cold water are plumbed in, an automatic tap can be used to dispense water at an ambient temperature (normally set by user at about 41 degrees). This has the following benefits:-

- negates the need to adjust water temperature thus avoiding the possibility of scalding
- popular with Health and Safety

TMV2

The TMV2 can support up to 2 WuduSeats provided there is sufficient water pressure, however the valves should be installed no more than 2 meters away from the furthest outlet. (refer www.specwash.com for PDF download)

TMV3

The HEAT 160 030 15mm 4 in 1 Heatguard TMV3 Thermostatic Mixing Valve will support between 2 and 3 WuduSeats providing sufficient water pressure is available. However as the TMV3 unit is mandatory in a disabled or high risk environment for it to comply with the DO8, specification one valve per outlet is required. Again the valve should be installed no more than 2 meters away from the furthest outlet. (refer www.specwash.com for PDF download)

Promix 22-2

Thermostatic Mixing Valve will support between 5 and possibly up to 7 WuduSeats providing there is sufficient water pressure. (refer www.specwash.com for PDF download)

Taps

Manual Taps

A lever operated manual mixer is available from Specwash, tested to ensure minimum splashing when used. This is not recommended in a public environment

Specialist Washing Co.



Automatic Taps

Automatic taps (as opposed to manual) provide a number of benefits:-

- water is dispensed automatically at a preset flow rate of 6 litres per min, thus is environmentally efficient with water use
- water can be dispensed at a pre-set in the TMV pre-mixer at a temperature avoiding risk of scalding
- the tap turns off automatically when not being used, reducing water wastage
- the user need not physically touch the tap to turn on or off so hygienic
- popular with Health and Safety

Sens 251 100 Senselec IR Swan Neck

The Sens 251 100 Senselec IR swan neck basin tap with infra-red sensor and stabilised mains power supply has been specifically chosen to accompany the WuduSeat as it dispenses water at a height, angle and flow least likely to create splash and thus invalidate wudu.

The Sens Sensilec IR Swanneck is manufactured from WRAS (Water Regulation Advisory Service) approved materials.

Features of the SENS 251 100 include:

- Tested with the WuduSeat to minimise splashing
- Automatic sensor
- Mains powered (SENS 250 100 battery version available)
- Includes solenoid and transformer.
- Water on demand with automatic switch off
- Available for mains or with a battery
- WRAS (Water Regulation Advisory Service) approved

Specialist Washing Co.



Notes

1. The SENS 251 100 has movable components so may require maintenance during its lifetime. Whilst the sensor can be changed from the front of the tap, it should be disconnected from the power, so access to the power supply is recommended, and in case of blockages and other issues, the solenoid which has moving parts should also be accessible. The access point for maintenance should be a maximum of 800mm from the centre of the tap, since this is the maximum cable length from centre of tap to solenoid and electric box
2. The solenoid is sensitive to any small solid particles in the water supply, so in-line filters are recommended
3. The battery version (SENS 250 100) of the Senslec Swanneck IR will operate for approximately 200,000 clicks thus typically requiring battery changes probably every 2 to 3 years depending on usage
4. The standard SENS 251 100 requires a minimum pressure of 0.5 BAR for reliable operation. Any less than 0.5 can result in malfunction, so an alternative solenoid is available if water pressure is unusually low. (Please contact Specwash)
5. Downloadable PDF available on www.specwash.com