

TSL.990

Deck mounted
sensor tap

The TSL.990 is a stainless steel deck mounted sensor tap, available in a variety of coloured finishes, with a sleek and minimalist design.



CODES	FINISHES	POWER	LIGHT REFLECTANCE VALUE (LRV)
TSL.990.CS.BAT	Brushed Stainless Steel	Battery	58
TSL.990.CP.BAT	Brushed Copper	Battery	19
TSL.990.BK.BAT	Brushed Black	Battery	3
TSL.990.BR.BAT	Brushed Brass	Battery	40
TSL.990.BZ.BAT	Brushed Bronze	Battery	17
TSL.990.CS.ELE	Brushed Stainless Steel	Mains	58
TSL.990.CP.ELE	Brushed Copper	Mains	19
TSL.990.BK.ELE	Brushed Black	Mains	3
TSL.990.BR.ELE	Brushed Brass	Mains	40
TSL.990.BZ.ELE	Brushed Bronze	Mains	17

TECHNICAL DATA: MECHANICAL

Weight	1.4kg
Material	AISI 304 Stainless Steel
Min/Max prssure	0.5 - 7.5 bar
Flow Rate	3.8 litres/minute; also available - 1.3l/min spray, 1.89l/min spray
Aerator	Cascade flow
Coating Type	PVD (colours only)
Max hot water temperature	60°C
Temperature control	Internal mixer cartridge; not thermostatic

TECHNICAL DATA: ELECTRICAL

Power Supply (Battery)	6V CR-P2 Lithium Battery
Power Supply (Mains)	100-240V; 1.5A; 50-60Hz PSU.
Output (Max)	6V; 6W max
Power Consumption	< 80µA
Solenoid Valve	6V
Water Ingress (PSU)	IP67
Cable Lengths	Connection to sensor cable - 400mm Connection to fused supply - 1.5m

TECHNICAL DATA: SENSOR

Sensor Type	Infra red
Pre-set sensor range	120mm
Maximum sensor range	250mm
Comfort Delay	2 seconds
Security Time-out	30 seconds
Operating Temperature	0 to 50°C
Response Time (max)	< 300ms

COMPLIANCE

WRAS	Approval
CE	PSU conforms to RoHS, REACH, EN15091
BREEAM	Qualifies for up to 5 credits as part of water efficiency assessment

INSTALLATION REQUIREMENTS

Countertop Cut-out Size	ø 35mm
Maximum Countertop Thickness	50mm
Plumbing Connection	1/2" BSP female connection required to solenoid valve
Power Supply	3amp fused spur to be connected to IP68 transformer supplied; low voltage push fit connector to tap. For more reliable operation, it is not recommended that sensor taps are connected to an occupancy circuit. All connections must be in accord with the current local regulations in force.
Access Requirements	Solenoid/isolation valves must be accessible for initial installation & commissioning and for ongoing/routine maintenance.
Washroom Layout	Avoid installing the sensor tap directly opposite other sensor taps, soap dispensers, infrared devices or reflective surfaces. Careful consideration should be made when choosing the positioning of lighting and other reflective surfaces which may affect sensor performance.
Water Supply	0.5 Bar is the recommended minimum pressure for the taps to operate effectively. 7.5 Bar is the maximum pressure for commissioning and is NOT recommended for general use. Gravity-fed systems may require a booster pump to achieve the optimal operating pressure. All pipework must be thoroughly cleaned and clear of any debris before connecting the tap.

RELATED DOCUMENTS

Installation and maintenance manual email: technical@thesplashlab.com

WARRANTY

Warranty 2 years from date of purchase

RELATED PRODUCTS

Soap Dispenser	TSL.410 Manual soap dispenser
	TSL.420 Sensor operated soap dispenser

