

## L-990

## Sensor Tap

Deck mounted touch free sensor tap with robust body. Available mains or battery operated with a choice of pre-mix or dual water inlet.



Codes	Power supply	Temperature Control	Weight
L-991	Battery	Pre-mixed	1.48Kg (3lb 4oz)
L-992	Mains	Pre-mixed	1.48Kg (3lb 4oz)
L-993	Battery	Two water inlets	1.48Kg (3lb 4oz)
L-994	Mains	Two water inlets	1.48Kg (3lb 4oz)

### Technical Data

Finishes	C (Chrome) / CS (Satin)
Min/Max operations pressure	0.5 - 8 bar dynamic pressure)
Flow rate	4 litres per minute (1 GPM (US)) standard. Options for 1.89 and 6 litres per minutes (0.5 and 1.59 GPM (US)) available
Aerator	Cascade
Warranty	2 years from date of purchase.
Sensor range (adjustable)	Preset 220mm (8 $\frac{21}{32}$ " ). Min range 80mm (3 $\frac{5}{32}$ " ) - Max range 300mm (11 $\frac{13}{16}$ " )
Security cut-off	90 seconds
Hot water temperature	Max 70°C (158°F)
Power supply	Mains - IP67 rated transformer with push-fit cabling to tap Battery - IP67 rated battery holder with push-fit cabling to tap (6 x AA batteries)

## Optional Accessories

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L06001013	Power splitter 2 Way - 1F-2M -1.5 metre (59")
L06001010	Power splitter 3 Way - 1F-3M - 1.5 metre (59")
L06009016	Extension cable 1 metre (39 $\frac{1}{2}$ " )
L06009032	Extension cable 4 metre (157 $\frac{1}{2}$ " )
L09550035	700mm flexi hose - $\frac{3}{8}$ " thread
L0710005	Remote control for sensor tap
L08510012	Aerator - 1.89 litres per minute (0.5 GPM (US))
L08510034	Aerator - 6 litres per minute (1.59 GPM (US))

## Installation Requirements

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Countertop cutout	30mm (1 $\frac{1}{4}$ " )
Maximum countertop thickness	30mm (1 $\frac{1}{4}$ " )
Electrical 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.
Water supply	Lovair sensor taps require at least 0.5bar dynamic water pressure to operate effectively; if 1 bar or more can be achieved the operation of the tap will be better. Applications with gravity-fed plumbing systems may require a booster pump to achieve the optimum operating pressure. The taps can be pressure tested to 10bar for commissioning purposes. All pipework must be thoroughly cleaned before connecting the tap to clear the pipes of any debris.
Access requirements	Solenoid and isolation valves must be accessible at for initial installation & commissioning and for ongoing and routine maintenance.
Washroom layout and planning	To prevent sensor malfunction, avoid installing sensor tap directly opposite other sensor taps/soap dispenser, other infra-red devices or reflective surfaces. The choice of other accessories in the room must also be considered, such as the waste outlet which can affect the sensor with light reflection. Care and consideration should also be given to the positioning of the lighting in the room, particularly in the case of taps with downward facing sensors.

## Compliance

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WRAS  
BREEAM - 1 credit  
LEED - 4 points  
RoHS  
CE  
cUL

## Related Products

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Soap dispenser [L-766](#)

## Related Documents

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Installation manual	email: <a href="mailto:technical@lovair.com">technical@lovair.com</a>
Operation and maintenance manual	email: <a href="mailto:technical@lovair.com">technical@lovair.com</a>
Warranty document	email: <a href="mailto:technical@lovair.com">technical@lovair.com</a>
Installation video	Coming soon

