## lovair

### 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**

L06001013 Power splitter 2 Way - 1F-2M -1.5 metre (59") L06001010 Power splitter 3 Way - 1F-3M - 1.5 metre (59")

L06009016Extension cable 1 metre  $(39\frac{1}{2}")$ L06009032Extension cable 4 metre  $(157\frac{1}{2}")$ L09550035700mm flexi hose  $-\frac{3}{8}"$  threadL0710005Remote control for sensor tap

L08510012 Aerator - 1.89 litres per minute (0.5 GPM (US))

Aerator - 6 litres per minute (1.59 GPM (US))

#### Installation Requirements

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

WRAS

BREEAM - 1 credit

LEED - 4 points

RoHS CE cUL

#### **Related Products**

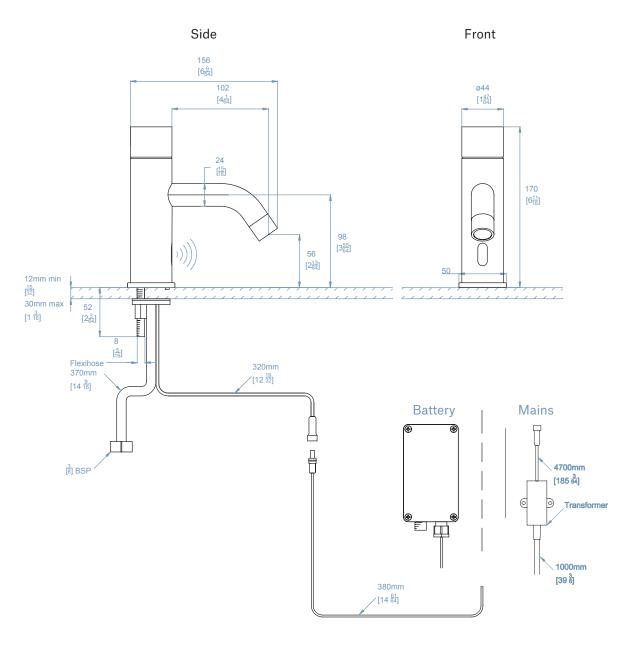
Soap dispenser <u>L-766</u>

#### **Related Documents**

Installation manual email: technical@lovair.com
Operation and maintenance manual email: technical@lovair.com

Warranty document email: technical@lovair.com

Installation video Coming soon



### Cutout

