

L-140

Sensor Tap

The 140 Series is a tastefully designed deck mounted sensor operated tap with robust body construction for all types of projects. Available mains or battery powered.



Codes	Power supply	Temperature Control	Weight
L-141	Battery	Pre-mixed	1.06Kg (2lb 5oz)
L-142	Mains	Pre-mixed	1.06Kg (2lb 5oz)

Technical Data

Finishes	C (Chrome)
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 ²¹ / ₃₂ "). Min range 80mm (3 ⁵ / ₃₂ ") - Max range 300mm (11 ¹³ / ₁₆ ")
Security cut-off	90 seconds
Hot water temperature	Max 70°C (158°F)
Power supply	Mains - IP68 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

L06001012	Power splitter 2 Way - 1M-2F -1.5 metre (59")
L06001008	Power splitter 3 Way - 1M-3F - 1.5 metre (59")
L06009016	Extension cable 1 metre (39 $\frac{1}{2}$ ")
L06009032	Extension cable 4 metre (157 $\frac{1}{2}$ ")
L09510073	700mm flexi hose - $\frac{1}{2}$ " BSP 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

Countertop cutout	30mm (1 $\frac{1}{4}$ ")
Maximum countertop thickness	28mm (1 $\frac{7}{64}$ ")
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

Related Products

Soap dispenser	L-766
Soap dispenser	L-776

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

