Technical Information & Installation Procedure
Sensor Faucets
F302-RS & F305-RS

Technical Parameters

Sensing Distance	32 cm. (adjustable)
Power Supply	DC 6V / AC 220V
Water Temperature	0.1 – 60 degree
Environment Temperature	0.1 – 45 degree
Water Pressure	0.05 – 0.7 Bar
Switching Time	< 0.7s
Operation Consumption	
Overall Power Consumption	< 0.5 W
Life Cycle	500,000 times on / off
Water Supply Pipe	DN15 (G1/2")
Control Box Size	100 x 90 x 70 mm.

Step-By-Step Guide for Installation

Note Before Installation

Please check the voltage is in accordance with the required power supply.

Please note that tap water required. Too dirty water will damage solenoid or other devices.

In general, infrared sensor taps can be affected by highly reflective surfaces. Do not install too close to shiny surfaces or its sensor directly facing bright lights.

Booster should be adopted if the water pressure is lower than 0.05 Mpa.

Decompressor should be adopted if the water pressure is higher than 0.7 Mpa.

Part 1 : Control Box Installation

Mount the control box underneath the sink using necessary screws. Make sure its mounted high enough for the flexible hose (coming from sensor tap) to reach it.

Note : Please do pressure test with 0.9 Mpa water after finishing control box installation to ensure no leakage.

Part 2 : Faucet Installation

Step 1 Take the sensor tap and connect the flexible hosesupplied to the base of the tap and tighten firmly. Feed the flexible hose and sensor cable through the hole on the basin / worktop.

Step 2 Securely mount the sensor tap to the required position on the worktop or basin. Using the fittings provided, tighten the sensor tap to the worktop or basin firmly (from underneath)

Step 3 Connect the flexible hose from the sensor tap to the control box point marked Water OUT.

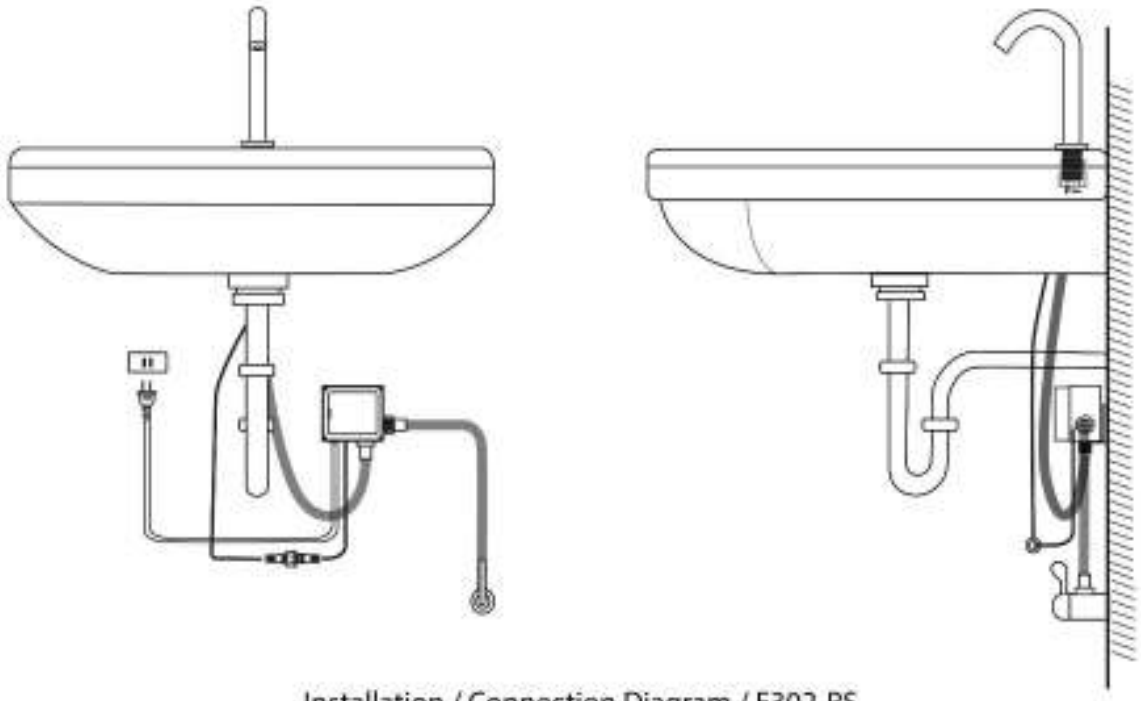
Step 4 Connect main water supply (HOT/COLD supply) to the control boxpoint marked Water IN

Step 5 Connect the Main power supply.

Note :

1) We highly recommended that a qualified electrician carry out the electrical installation process.
2) Check for leaks, and make sure all the connections are connected properly.
3) The installation process is now complete, and the sensor faucet is ready to use.

Installation Diagram



Installation / Connection Diagram / F302-RS

Care & Maintenance

1. **Battery Installation**
   Make sure the batteries are installed correctly (+ and – charge)
2. **Cleaning**
   Always keep your Autotaps surface clean and dry. Do not immerse Autotaps in water !. If cleaning is required, use damp towel or cotton cloth to wipe gently and avoid any soaking or violent motion.
3. **Prolonging life of Autotaps**
   To avoid any damage , DO NOT rock/swing the Aututaps unit or hit violently.
4. **Hard Water**
   In case you live in hard-water area, it's recommended that you regularly check Autotasps water filter once or twice a month for lime-scale built-up.
5. **Installing Autotaps**
   Be careful when installing sensor faucets, please note that any damage made to your unit or existing tap is not manufacturer's liability.
6. **Sensor Faucet Filter**
   The mesh filter section will gather limescale.
   To inspect or clean
   1. Turn tap to "OFF" position
   2. Remove sensor faucet (using hexnut wrench)
   3. Inspect and remove any limescale build-up (tipping faucet upside down and give it a little shake)
   4. Once done, install faucet again.

Trouble Shootings

Abnormal Phenomena	Possible Reasons	Suggested Solution
No water flow	Running down of battery	Change fresh battery
	Dirt on sensor case	Clean the dirth
	Cut-off water supply	----
	Dirt of water filter in water inlet	Clean water filter
	Water pressure is not applicable	Refer to technical parameters
	Less than 5 mins after changing fresh battery	Wait for 5 mins after changing fresh battery
	Power failure	Re-connect Power
Have a continuous water flow	Running down of battery	Change fresh battery
	Water pressure is not applicable	Refer to technical parameters
	Less than 5 mins after changing fresh battery	Wait for 5 mins after changing fresh battery
Leaks	Water pressure is too low	Refer to technical parameters
	Dirt of water filter in water inlet	Clean water filter
Undetected	Running down of battery	Change fresh battery
	Less than 5 mins after changing fresh battery	Wait for 5 mins after changing fresh battery
	Power failure	Re-connect Power