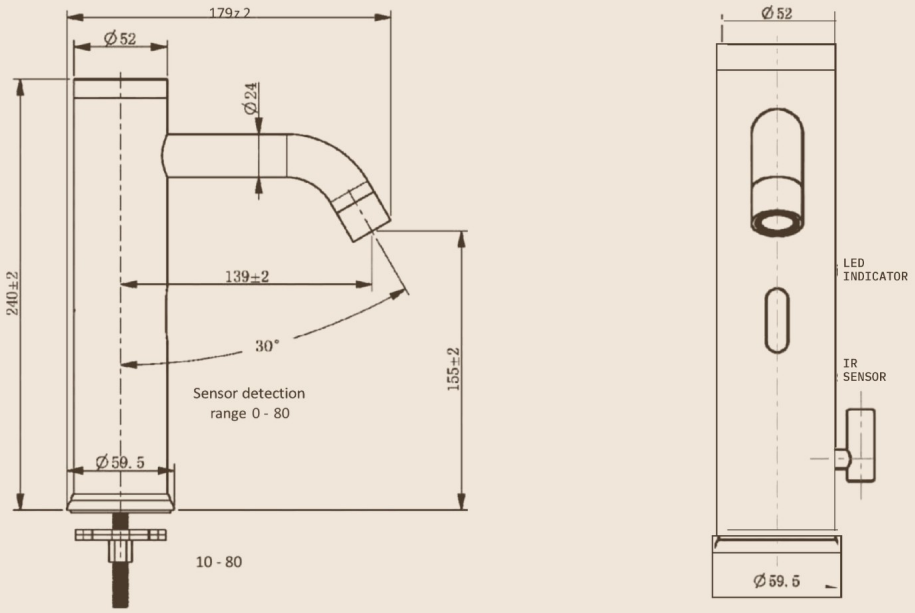
SENSE AUTO FLOW BASIN MIXER

Installation guide.

Your mixer tap is designed with a high precision, hand distance detecting infrared sensor. For a quick, successful installation, use these instructions as guidance. Installer: please go through the operation with the user, then leave this guide with them for their operation and maintenance use.

SIDE AND FRONT VIEWS, ALL UNITS IN MM



GENERAL INFORMATION

01	Flush all pipes leading to the product before installing the tap.
02	Test the water pressure and limit it to 500kPa or less. Fit an approved pressure reducing valve if the pressure exceeds 500kPa.
03	Fit isolating taps to both the hot and cold inlet connections, in accordance with the national plumbing code AS3500.
04	Make sure the hoses are not twisted, stretched or under tension. Do not bend the hoses to a radius of less than 25mm.
05	Fit an approved water tempering valve if the hot water temperature exceeds 75°C.

Failure to comply with any of the above will void all warranties.

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42 Castro Way, Derrimut VIC 3026

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Before you install.

REQUIREMENTS

INSTALLER	In accordance with Australian standards requirements, all tapware must be installed by a licensed plumbing contractor. Observe the installation requirements of AS/NZS 3500.1.
BEFORE INSTALLATION	Flush all connecting pipes thoroughly so foreign matter does not block the tap and its regulating device, which reduces water flow. Fit isolating stop taps to the hot and cold supply connections in accordance with local authority installation codes. Not recommended for gravity feed, tank water or bore water systems.
WATER PRESSURE	Hot and cold pressures should be equal. Inlet pressure range is 150 to 500kPa. Where pressure exceeds 500kPa, fit a pressure limiting device. Maximum dynamic pressure 700kPa, maximum static pressure 800kPa. Under AS/NZS 3500.1 clause 3.3.4, on new installations the maximum operating pressure at any outlet within a building must not exceed 500kPa.
WATER TEMPERATURE	Maximum hot water temperature 75°C. This mixer has a low flow rate complying with WELS 6 star. It may not suit certain appliances, such as instantaneous water heaters, solar water heaters, and some thermostatic mixing or tempering valves. Check with the manufacturer if in doubt.
MOUNTING	Mounting surface thickness 10 to 80mm. Hole size 32 to 45mm.
BEFORE USE	Fit and tighten the aerator so it cannot be removed by hand.

TECHNICAL DATA

SEAL RATING	OPERATING POWER	STANDBY POWER	LIFETIME
IP44	3.6mW maximum	0.18mW maximum	500,000 cycles approx.

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Installing the tap.

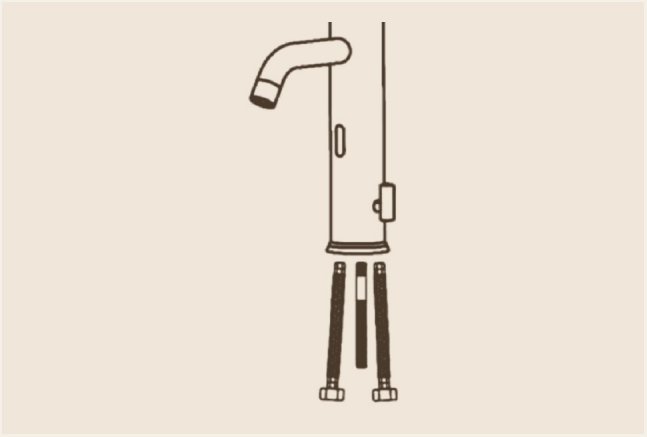
STEP 01

Check the mounting hole is 32 to 45mm in diameter and the surface is 10 to 80mm thick.



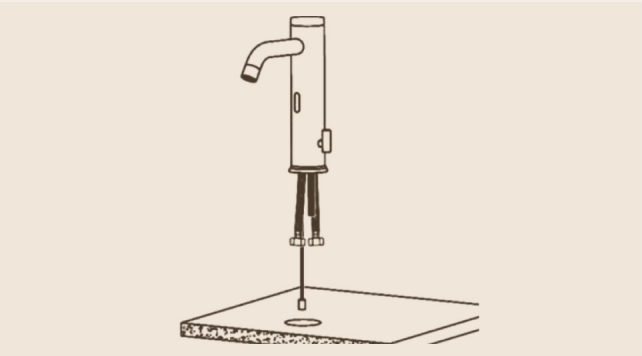
STEP 02

Screw the hoses to the mixer, viewed from the front: red-marked hose at the front, blue-marked hose at the back. Screw the leadscrew in, shorter thread side to the mixer.



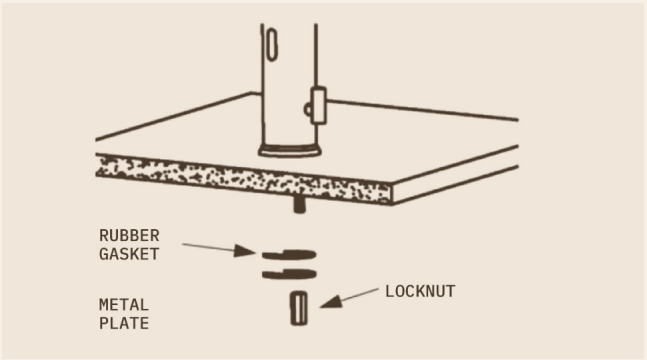
STEP 03

Pass the hoses, sensor lead and leadscrew through the mounting hole. Orientate the mixer correctly over the hole.



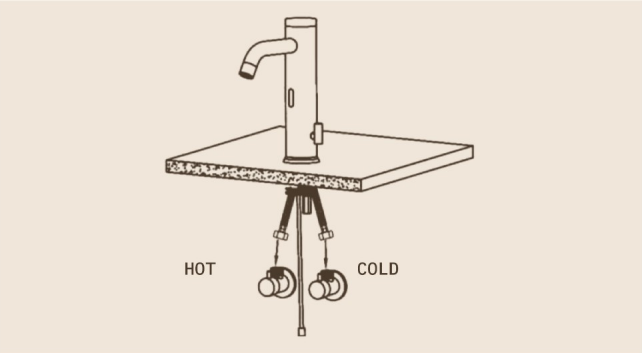
STEP 04

Fit the rubber gasket over the threaded tail, then the metal plate. Secure the mixer with the locknut.



STEP 05

Connect the red-marked hose to the hot water supply and the blue-marked hose to the cold water supply.



STEP 06

Turn on the isolating stop taps and check for leaks.

STEP 07

Fit the batteries and set the auto cut-off timer if required. See page 4.

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Using the tap.

SENSOR OPERATION

01	The maximum hand detection range is 80mm. Water cuts off automatically after 10 seconds.
02	The IR window detects to the point right behind where the water leaves the spout. The LED blinks once when a hand is detected. Each detection turns the water on or off alternately.
03	The LED blinks 5 times to indicate a low battery. It blinks 20 times when the battery level is too low to perform any operation.

SETTING THE AUTO CUT-OFF TIMER

Connect the battery and, within 30 seconds, wave your hand 3 consecutive times, with less than 3 seconds between waves. The product exits the initial mode and enters programming mode, and the sensor LED blinks continuously. Then wave to step through the settings below.

WAVE	AUTO CUT-OFF	SENSOR LED
1st wave	5 seconds	1 blink
2nd wave	10 seconds	2 blinks
3rd wave	15 seconds	3 blinks
4th wave	60 seconds	4 blinks
Wave again within 30 seconds	Returns to 5 seconds	1 blink

After each setting, if no hand is presented for 30 seconds, the last setting is saved. Automatic protection shuts off the water after 60 seconds, plus or minus 10%.

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Battery and care.

BATTERY

01	This product requires 4 x 1.5V AA batteries. Alkaline is recommended. Keep batteries out of reach of children and animals.
02	Replace the batteries as soon as practicable after the low battery blinking warning is seen.
03	Use only batteries intended for the product. Do not mix old and new batteries, or different brands or types.
04	Do not short-circuit, damage, dismantle or deform the batteries or the battery compartment. Do not attempt to charge non-rechargeable batteries.
05	Do not expose the batteries or the battery compartment to heat, fire or any type of liquid.
06	If a battery leaks, do not allow the liquid to contact eyes or skin. If exposed, rinse with plenty of water and seek medical advice.
07	If the product is to be unused for a long period, remove the batteries.
08	Hand used batteries in for recycling in accordance with local environmental regulations for waste disposal.

WARNING
If a battery has been swallowed, or you suspect it has been, seek immediate medical attention.

CAUTION AND MAINTENANCE

01	The water temperature is controlled by the position of the lever on the side of the tap. Take care if you have recently used hot water, as hot water may remain in the mixer even if the lever is in the cold position. Children should only use the mixer in the company of an adult.
02	For daily cleaning, use a soft cloth dampened with water and, if necessary, a mild dish soap or detergent. Never use scouring powder, abrasive cleaners, steel wool, calcium dissolving detergents or detergents that contain alcohol. Rinse with water and dry or polish with a clean dry cloth.
03	To remove calcium deposits, use ordinary white vinegar diluted in water, then rinse with water. Unscrew the aerator and clean it now and then. If it has calcium deposits, wash it in a vinegar solution.