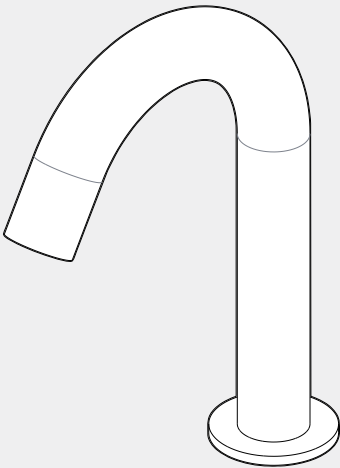


Mecca Sensor Tap

Nero

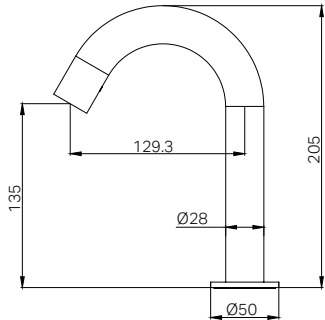


Lead Free



Version:202605

Drawing



Features

Watermark License
WM-060073
Temperature Rating
Min 1°C - Max 75°C
Pressure Rating
Min 150kpa - Max 500kpa

Packaging Includes

1x Sensor Tap
1x Power Adapter
1x Solenoid
4x AA Battery

Finish & SKU

- | | | | |
|---|--------------------------------|----------------------------------|----------------------------------|
| Chrome
NR402CH | Gun Metal
NR402GM | Brushed Bronze
NR402BZ | Brushed Nickel
NR402BN |
| Matte Black
NR402MB | Brushed Gold
NR402BG | Matte White
NR402MW | Rome Bronze
NR402RB |
| Tumbled Antique Brass
NR402TA | | | |

*Dimensions are nominal measurements only.

INSTALLATION INSTRUCTIONS

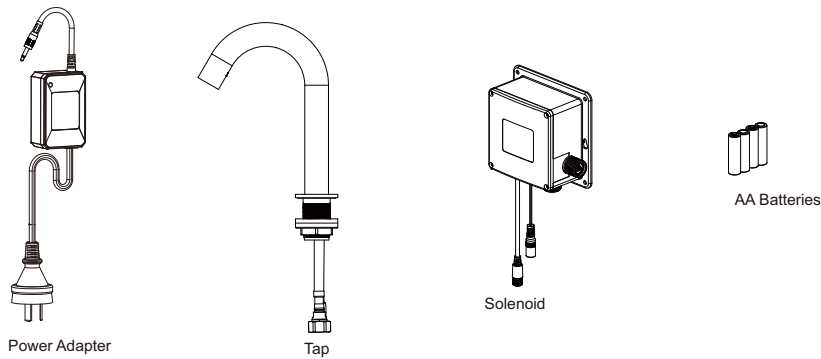
GENERAL INSTRUCTIONS

- This product must be installed by a licensed plumber. Ensure that your plumbing installation complies with the Australian/New Zealand Standard AS/NZS 3500.
- All pipework must be thoroughly flushed prior to the installation of the mixer. In-line filters must be fitted on both hot and cold supplies to prevent foreign particles from damaging the ceramic cartridge.
- All outlets used primarily for personal hygiene must deliver water at a safe temperature in accordance with regional regulations.

NOTE:

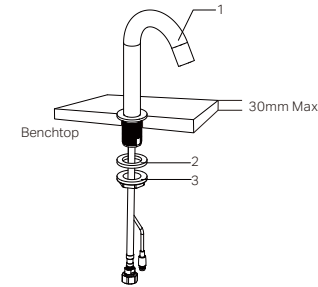
- After installation, all connections must be checked for leaks.
- This mixer is not recommended for use in uncontrolled heating systems such as wet-backs or solar heating units unless a suitable tempering valve is fitted.
- If limited water flow is experienced, locate aerator and filter washers and clean away foreign material as required.
- It is the responsibility of the plumber to ensure a waterproof seal is achieved between the product and mounting surface. If in doubt about the quality of the seal, remove the product and reinstall.

INSIDE THE BOX



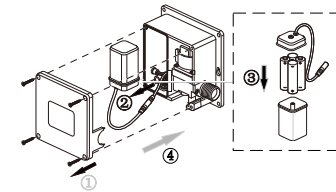
01. INSTALL SPOUT

- Fit the flexible hoses and sensor cable through the mounting hole and secure the tap from underneath the benchtop by fixing rubber washer(2) and mounting nut(3).
- NOTE: The benchtop thickness should not exceed 30 mm, the diameter of the mounting Hole 35 mm.



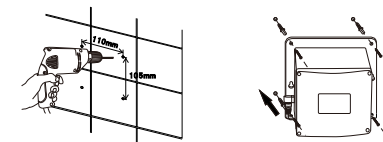
02. INSTALL BATTERIES

- Open the solenoid, remove the battery tray, and insert 4x AA batteries as shown.

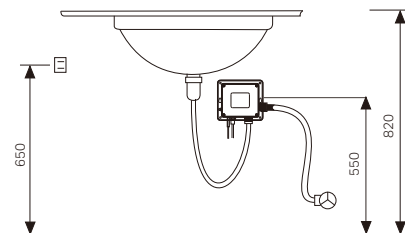


03. INSTALL SOLENOID

- Drill holes in the wall as shown in the diagram and install the solenoid (Note the correct installation orientation of the solenoid).



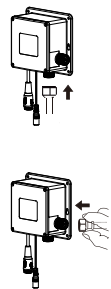
NOTE:
The recommended installation height of solenoid.



04. WATER AND CABLES CONNECTION

- Connect all hoses and signal/power cables as shown. Ensure all joints are firmly secured and there are no leaks before turning on the water supply.

Water Connection



1. Water Outlet Hose Connection
Connect the hose from the tap to solenoid.

2. Water Inlet Hose Connection
Connect G1/2 water supply hose to water inlet

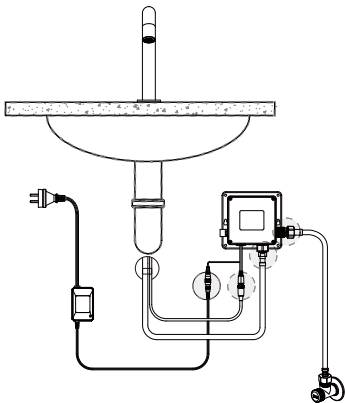
Note: Ensure there is no water leakage after connecting the water supply.

Signal Cable Connection



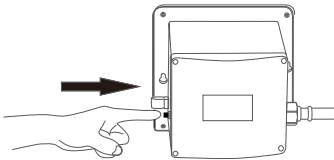
Connect signal cable and power cable to solenoid.
Note: Keep the cables clear and dry.

05. COMPLETED INSTALLATION DIAGRAM



06. ADJUST THE SENSOR DISTANCE

The sensor distance is preset at 8–10cm as measured. If adjustment is needed, press the red button on the solenoid for 2 seconds. Move your hand to the desired distance. The red light will blink and stop, confirming the new setting.



07. SERVICE AND MAINTENANCE (ROUTINE MAINTENANCE)

- Wipe the sensor window with a soft cloth if it is not working properly.
- Replace the batteries if needed(If the red light blinks in the sensor window).
- Use a soft cloth to clean the tap—do not spray water directly onto the tap.

08. TROUBLESHOOTING

ISSUES	OBSERVED SYMPTOMS	POSSIBLE CAUSE	SUGGESTION
No water comes out when activated	The sensor doesn't light up	Batteries installed the wrong way	Double-check the battery direction and make sure the battery compartment is assembled correctly.
		Loose or incorrect cable connections	Reconnect all cables properly — including transformer, battery pack, sensor, solenoid.
		No power supply(AC mode)	Make sure the power outlet is working.
		Cables damaged	Check and reconnect the cables or contact Nero support.
		Sensor not detecting	Ensure your hand is within the sensor range(5-15cm), or adjust the sensor distance.
	The sensor light works	Water supply is off	Check that the isolation valve (mini stoppers) is fully open and water is available.
		Solenoid not working	Test the solenoid and check the cable connections
		Blocked filter	Take out the filter and clean or replace it if needed.
		Lighting or reflective surface interference	Adjust sensor distance or lighting if possible.
		Solenoid blocked	Clean the solenoid port.
Water keeps flowing after use	Sensor light is flashing	Low battery	Replace all 4 AA batteries.
	Weak or slow shut off	Detection range not suitable	Reset or adjust the sensing distance.
		Solenoid dirty	Clean the solenoid valve area.
Sensor turns on/off randomly	Nearby reflections or bright lights	Low water pressure	Check household plumbing or consult a licensed plumber.
		Sensor picks up too far	Adjust the sensor distance to match your installation.
	Nearby reflections or bright lights	Sensor picks up too far	Adjust the sensor distance to match your installation.
		Nearby reflections or bright lights	Avoid mirrors or shiny objects near the sensor and keep it away from direct light.

Nero

