

N E O T A P

Touch

Sparkling, Chilled and Ambient
Installation Guide
NEORCSA



Experience the future of convenience and luxury with NeoTap - your all-in-one solution for instant filtered, chilled, and sparkling water. NeoTap is here to redefine how you interact with your home's drinking water.

Proudly part of Spring Water Solutions



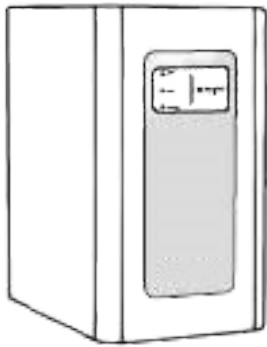
NEOTAP.CO.NZ

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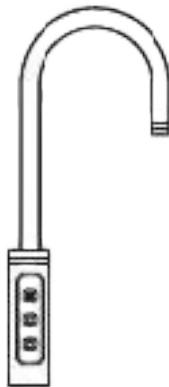
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PREFACE/PARTS

Before using this machine, we advise you to read this manual thoroughly.
Please follow the instructions to ensure proper operation and the lasting of the machine



NEOTAP - Hot, Cold, Sparkling



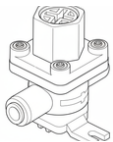
Faucet



Co2 Bottle



Regulator
(+ 2.2L Gas
bottle Adapter)



Pressure Reducing Valve
(PRV)



Straight
Connector



Wiring Loom



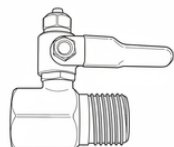
1/4" Tube
(COLD Water)



Power Cord



KDF50 Filter



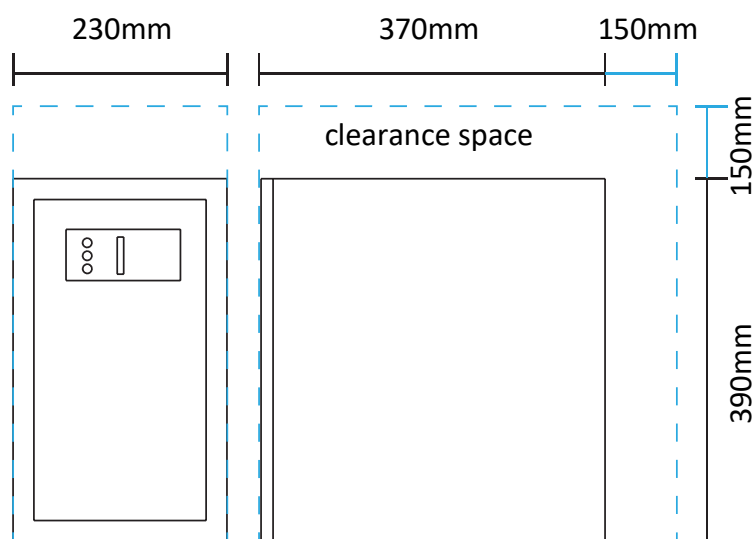
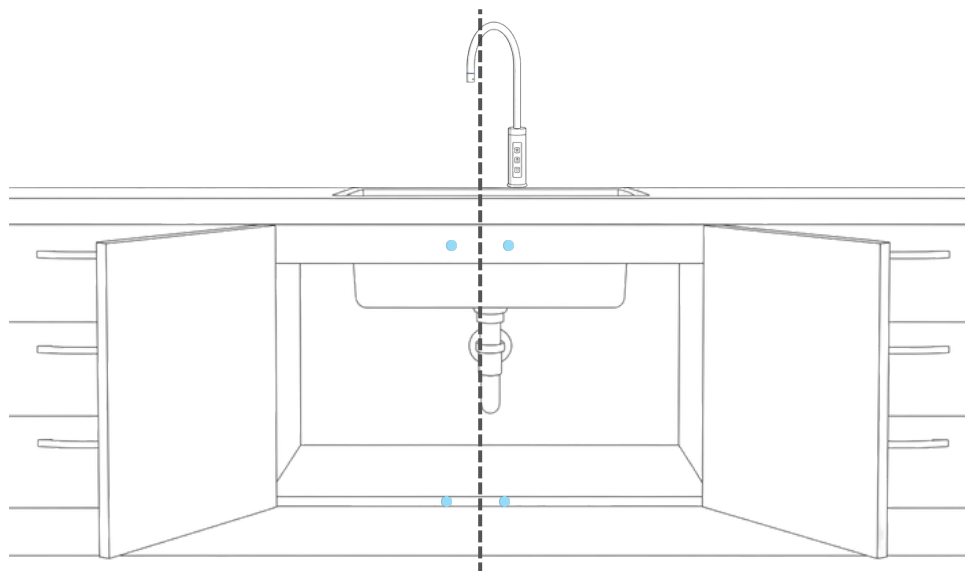
Brass Tee Off Valve
(Plumbers Delight)



4x Clear
bumpers

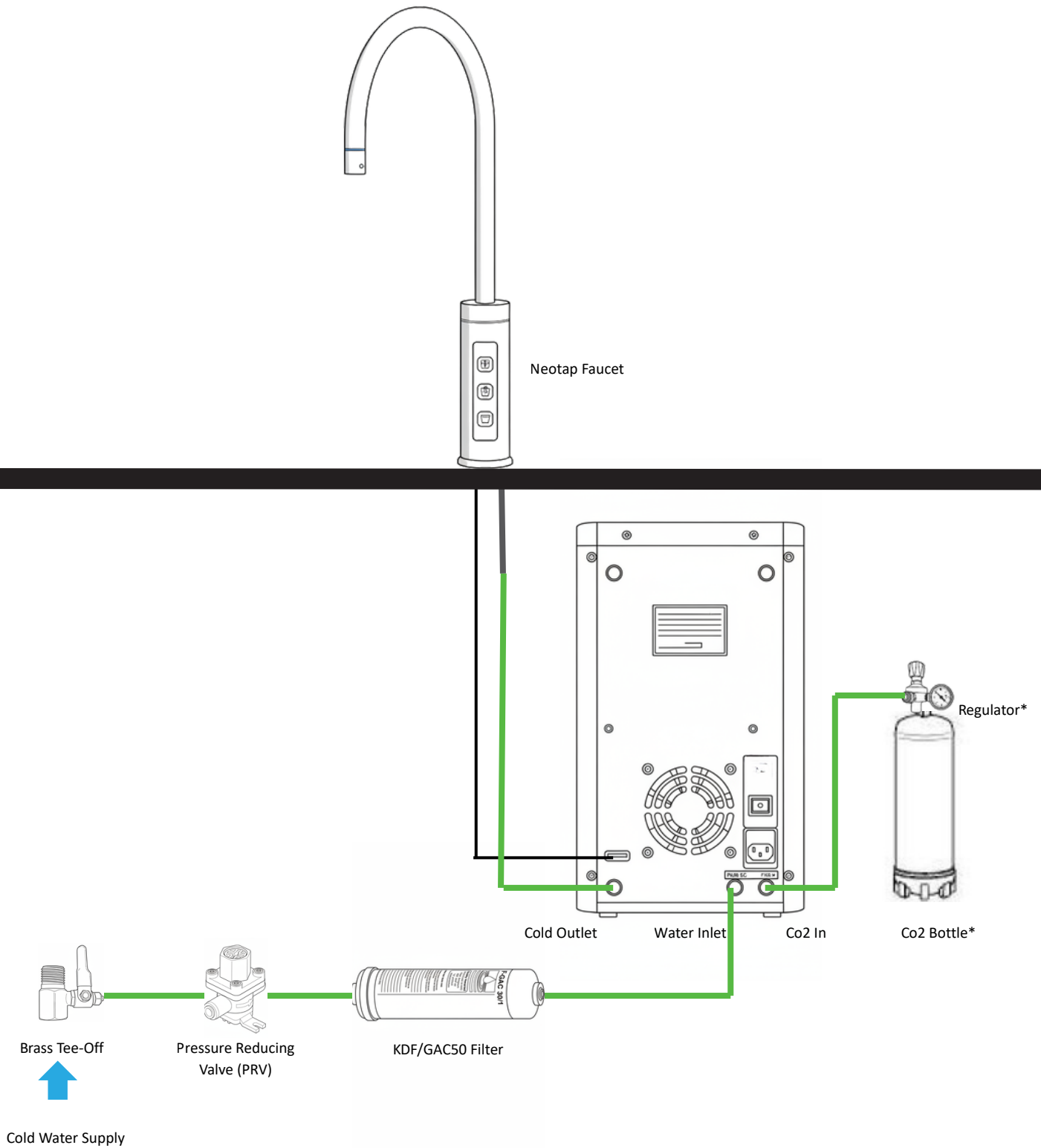
VENTILATION

Included in this package are 4 door bumpers. Please apply the bumpers to the inside of the cupboard door near the centre to allow an air gap for heated air to be released



Ventilation is typically only required when the cupboard's internal temperature exceeds 35°C. Based on our experience, maintaining 150 mm clearance around the Neotap unit and installing the cupboard bumpers to create an air gap will generally keep the underbench temperature within this limit in standard New Zealand conditions.

PIPING INSTALLATION



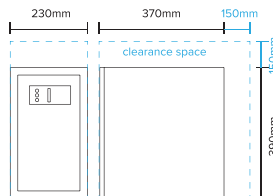
PIPING INSTALLATION

We recommend the instructions specified in this guide be followed in sequence by a qualified tradesperson to existing potable water supply for successful installation

When installing please ensure the unit is easily accessible for service and maintenance

This Neotap has a 24 month warranty from purchase, but this may be voided if unsatisfactory installation results in damage to the unit

1. Select the appropriate position for the tap to ensure it dispenses into the sink, allowing ample clearance below the outlet. Drill a 25mm hole
2. Isolate the water supply. Disassemble the original COLD water Tap/Flexihose connections. Reconnect the plumbers delight inline
3. Using the 1/4" Pipe provided connect the 1/4" inlet ball valve to the Pressure Reducing Valve. The PRV is then connected to the KDF50 Filter and finally into the water inlet. Please ensure the filter has been flushed before connecting. The PRV and Filter have a directional water flow, connect as marked on the part
4. Connect the straight connector to the white tube from the faucet
5. Remove the black plastic nut from the faucet thread and connect the wiring loom. Be careful not to bend/break the pins
6. Feed the straight adapter, faucet connections and wiring loom through the hole in the tap. Position so the tap sits flush with the bench-top
7. Screw and tighten the tap nut to ensure the tap is correctly positioned on top. Be careful not to over-tighten as this may split the plastic nut
NOTE: Once placed do not swivel the tap - Internal tubes and cables within the faucet cannot handle rotation more than 180deg and risk being damaged
8. Find the best place for the NEOTAP unit under the bench, allowing 150mm clearance around the top and rear of the unit for ventilation. Allow room for the filter and piping as specified above, and Co2 bottle (OPTIONAL)
NOTE: If the cupboard does not allow room for filter/Co2 bottle allow enough 1/4" pipe for it to be situated elsewhere



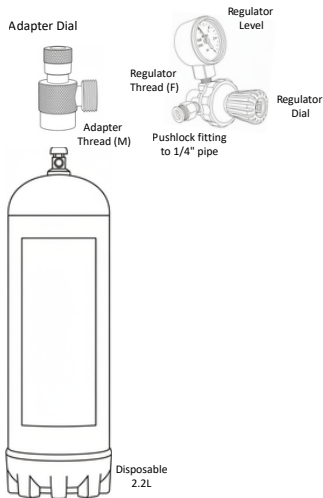
9. Using a length of 1/4" pipe connect the straight adapter to the water outlet as per the piping diagram (There may be 1 or 2 outlets dependent on model)
10. Carefully attach the wiring loom to the NEOTAP unit
11. Connect the machine to the power supply using the cord at the rear of the unit. Leave power and water supply OFF

PIPING INSTALLATION - CONTINUED

12. Place the Co2 bottle upright in the undersink cavity as close to the NEOTAP unit as possible

- If Sparkling not required continue on to Step 16

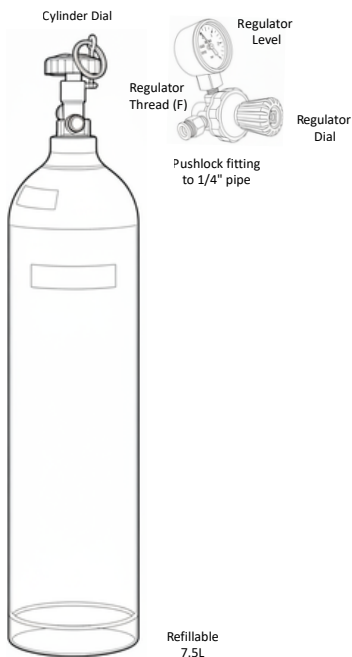
Disposable Gas Bottle and Regulator - Instructions



1. To connect the disposable gas bottle, first connect the adapter to the top of the cylinder securely. Ensure that the dial at the top of the regulator is completely closed (Anti-clockwise)
2. Attach the regulator to the adapter via the large thread. Ensure the Regulator is also in the OFF Position (Anti-clockwise)
3. Open the gas bottle by turning the adapter clockwise (This commissions gas to the regulator, which then regulates the gas pressure to the unit)

Continue to step 15

Reusable Gas Bottle and Regulator - Instructions



1. Turn the dial at the top of the cylinder fully anti-clockwise to ensure the regulator is in the OFF position
2. Connect the Co2 bottle to the regulator by screwing the regulator onto the bottle firmly via the large thread (Clockwise)
Be careful not to overtighten to avoid damaging the nut
3. Open gas bottle by turning the dial at the top of the cylinder clockwise

Continue to step 15

15. Attach the regulator to the open Co2 connector at the rear of the Neotap command centre using the 1/4" pipe provided. DO NOT OPEN THE REGULATOR - This is addressed in Co2 operation
16. Ensure the whole unit and its components have at least 150mm ventilation surrounding
17. Check there are no kinks or "sag" in the tubing from the unit to the faucet. This will ensure that any reduction in water flow is reduced
18. Ensure all fittings, electrical connections and piping are secure to and from the unit
19. Turn on underbench unit at the wall, leave water supply OFF at this stage

Co2 BOTTLE - OPERATION

1. Ensure the Co2 bottle is connected firmly to the regulator and the Co2 tube is fitted correctly

2. Slowly turn the dial on the regulator clockwise until the gauge reads 3BAR

Note: If you would like to reduce the pressure, you must first turn the dial anticlockwise and then vent (By either pressing the sparkling button whilst connected, or detaching the 1/4" pipe from control centre. The gauge will settle and read accurately)

3. Purge any air from the sparkling line by pressing the sparkling button on the tap for 15 seconds

4. Turn the water on at the Tee off valve, and turn the SODA switch on at the rear of the unit

5. Leave the unit to chill for a few hours to allow the chilled water and Co2 to bind

6. Press and hold the sparkling button for 15 seconds, you will start to see the water come out sparkling

Co2 binds best with chilled water best sparkling performance 24hrs after installation

All Co2 bottles should be upright during use, storage and transit. If the bottle has been left horizontal, place upright and stand for 60+ minutes before use to allow contents to settle

Co2 BOTTLE - DECOMMISSIONING

1. If you haven't adjusted the dial on the regulator (For both the disposable and refillable) this does not need to be adjusted for decommissioning

NOTE: The pressure level will show 0 when the gas bottle is empty

1. If you have adjusted the dial, or not sure, it is best to close the regulator dial. This will avoid the risk of excess pressure entering the unit accidentally when replacing the gas bottle

2. Close the dial on the top of the Refillable Gas cylinder (Adapter for disposable cylinder)

3. Unscrew the gas bottle from the regulator (Refillable)/adapter (Disposable) and replace with new bottle

4. Make sure all fittings are tight and secure

5. Open the dial at the top of the cylinder (Refillable) /adapter (Disposable) to commission gas to the regulator

TAP BUTTON - OPERATION

Once installation is complete, turn on the water supply

The machine will begin to fill with water

Turn on the power supply - Tap will illuminate.

Press the Cold and Ambient buttons until water starts to flow - Unit is then primed



The tap is in SLEEP MODE when the blue light is on.
Press the desired button once and the light will
turn from blue to green to indicate the tap is ready

WATER OPERATION

SPARKLING WATER

1. After completing the Co2 bottle installation turn on the SODA switch at the back of the unit
2. SODA Led will illuminate on the unit
3. For Sparkling water press the SODA button on the faucet

COLD WATER

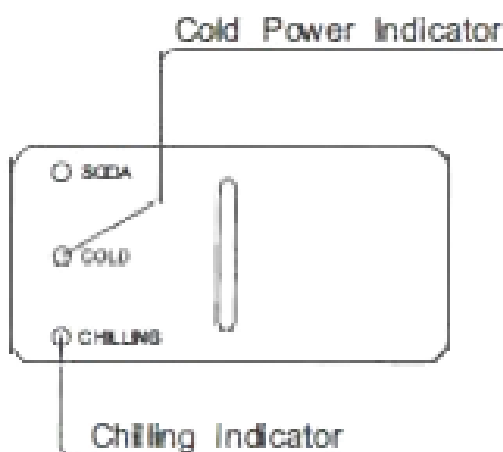
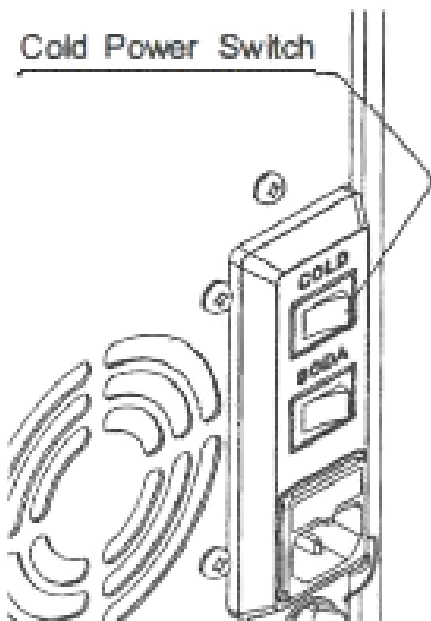
1. Turn on the COLD power switch at the back of the unit
2. The CHILLING indicator on the control board will turn off once the correct temperature is reached
(Temperature is set between 4-10 degrees Celcius)

NOTE: It takes approximately 20-30 minutes to chill to the desired temperature depending on the incoming water temperature and ambient surrounds

3. Press the COLD button on the faucet for chilled water

AMBIENT WATER

1. For Ambient Water simply press the AMBIENT button on the faucet



TAKE OFF VALVE - INSTALLATION

Close the water supply

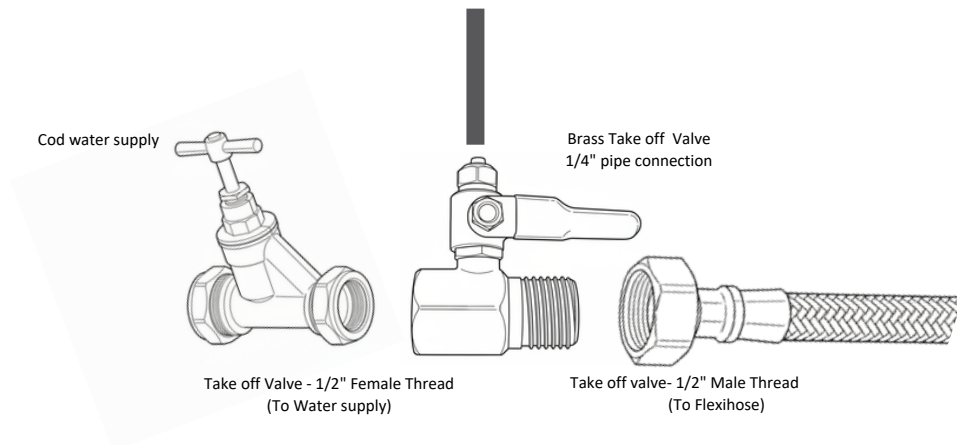
Disassemble the existing flexihose from the Cold Water Feed

Connect the water feed to the female thread of the Take off valve

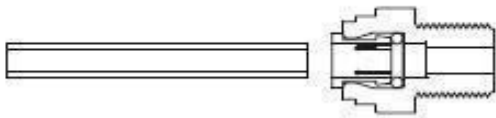
Insert the 1/4" pipe to the top of the Take off valve. Press in then pull back to secure

Connect the flexihose to the large male connection on the take off valve to feed the mixer tap

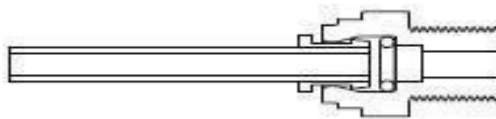
Open water feed (Blue shut off valve controls water supply to Neotap unit)



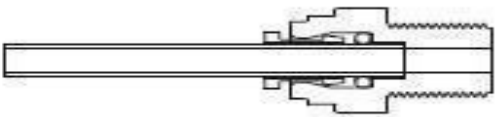
PUSH LOCK FITTING - INSTRUCTIONS



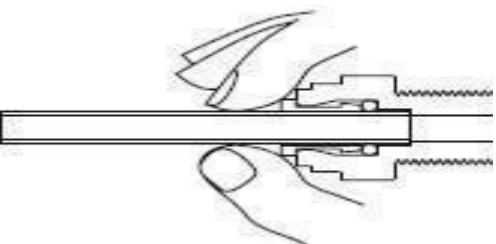
1. Cut the 1/4" Pipe square and push into the fitting.



2. The Push lock fitting will grip before it seals. Ensure the pipe is pushed past the O-Ring into the fitting completely



3. Pipe is secured in position. A small tug back will guarantee the pipe is in place



Disconnection

Pull locking ring flush against the fitting and hold. The pipe can now be released by pulling on it.

TROUBLESHOOTING

ISSUE	POSSIBLE CAUSE	SOLUTION
Water isn't cold	• Thermostat is out • Refrigerant gas is low • Problem with compressor or thermostat	Contact for service
No Cold water from Tap	Ice blocking in system	Please turn off the COLD power switch to allow the ice block to melt. Will need to contact for service to adjust thermostat
	No water inside unit	Check mains supply is supplying unit
LED at end of faucet flashing	Leak detection activated	Leak detection activated as probe detected water. Contact for service
Change in water taste	KDF50 Filter needs changing (Recommended to be changed annually)	We recommend changing the filter annually. Turn off water supply and replace per instructions on the filter
Low Flow	KDF50 Filter needs changing (Recommended to be changed annually)	We recommend changing the filter annually. Can notice cold/ambient water losing flow before Sparkling/Boiling. Turn off water supply and replace per instructions on the filter
	Insufficient water supply	Check mains supply is supplying unit. Recommended pressure 350kpa

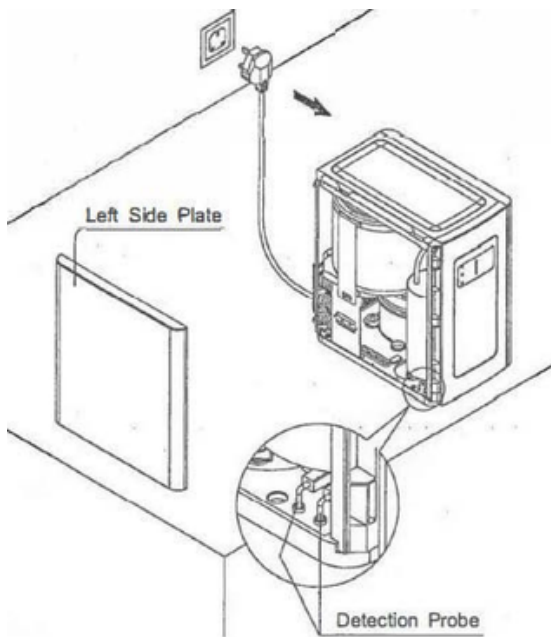
CAUTION: For your safety please contact us or a qualified technician for repair if you suspect the water dispenser is damaged

TROUBLESHOOTING - CONTINUED

ISSUE	POSSIBLE CAUSE	SOLUTION
Sparkling not working No Cold water from Tap LED at end of faucet flashing Change in water taste	CO2 output pressure is too high, making the water ratio to gas low	Close the Co2 bottle and release the pressure from the pressure regulator. Press the Soda tap to drain out the water and release the pressure inside the tank Turn off the Soda switch once water has been drained Reopen the Co2 bottle and set the Co2 output to 3 Bar Turn on the Soda Power switch again to start producing Sparkling Water
	Co2 has run out	Refill Co2 Bottle
	Co2 Line needs recommissioning	Follow the Sparkling install instructions in this manual (PG 8)
	Water not Sparkling enough after changing gas bottle	Co2 gas can take 24-48 hours to bind with the cold water after changing the gas bottle. You might be able to shorten this process by priming the CO2 tube per Pg8
	Not Sparkling enough (Bar pressure 3 or under)	Slightly increase pressure on the regulator (Ideally between 3-4 Bar)
Tap Leaking after Sparkling Water taken	Tap lines aerated	Sparkling water infuses gas into the water, which can make the tap begin to drip. Pressing the Ambient or Chilled option for 2-3 seconds should flush the aerated water out of the tap and stop the tap dripping

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LEAKAGE DETECTION - DIAGRAM

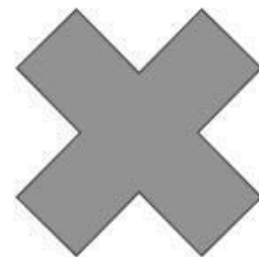


This device has a leakage detection probe fitted for safety purposes.

When the probe detects moisture you may notice the LED on the machine flashing accompanied by a beeping noise

We recommend turning off the electricity at the power supply and calling a qualified technician to carry out this work for your safety.

TAP SWIVEL - WARNING



NO SWIVELLING TAP 360°

Internal tubes and cables within the faucet cannot handle completed rotation and will be damaged if turned more than 180 degrees. Swivel feature is intended to find correct placement on the benchtop. Once placed, the tap should be left alone to avoid damage

WARRANTY INFORMATION

Neotap offers a 5 year back to base manufacturers warranty on all units from the date of purchase (2 years parts and labour, 5 year tank replacement)

All installation and servicing should be completed by a qualified tradesperson

Faults with the product due to incorrect installation or operation may result in voided warranty

Details can be filled in via our warranty registration form at springnz.co.nz/warranty-registration-form/ or kept below for easy access

MODEL:

SERIAL NUMBER:

DATE OF PURCHASE:

SUPPLIER:

INVOICE NUMBER:

DATE OF INSTALLATION:

INSTALLER DETAILS:

MAINTENANCE GUIDELINES

For effective performance of the Neotap unit we recommend 6 monthly service checks and annual filter changes. Lack of maintenance could result in early failure of the unit and/or void warranty

Points to check on installation and subsequent maintenance

- Please ensure the unit is able to be easily accessed for service and changing of consumables Clean unit (Underbench and Faucet) to ensure it is kept in good condition and avoids
- Ensure the space is free from obstruction to avoid damage to the unit
- Check faucet connections are tight and functioning correctly to avoid leak
- Check gas pressure to ensure it is within recommended pressure level
- Check joints and fittings are secure to avoid leak -Change the KDF/GAC50 Filter annually for best performance of Neotap Unit

Neotap is proudly part of Spring Water Solutions. We offer installation, service and filter changes New Zealand wide. Please get in touch per the information below to book

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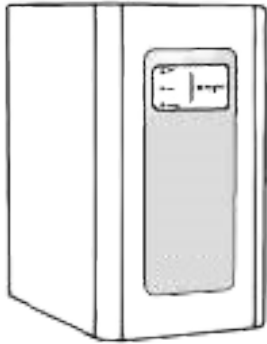
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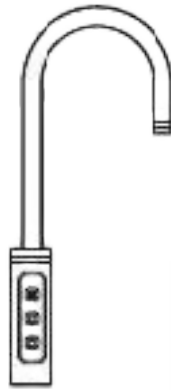
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PREFACE/PARTS

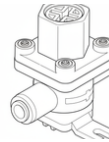
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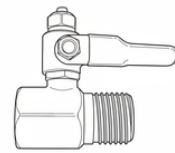
NEOTAP - Hot, Cold, Sparkling



Faucet



Pressure Reducing Valve
(PRV)



Brass Tee Off Valve
(Plumbers Delight)



KDF50 Filter



Straight
Connector



Wiring Loom



1/4" Tube

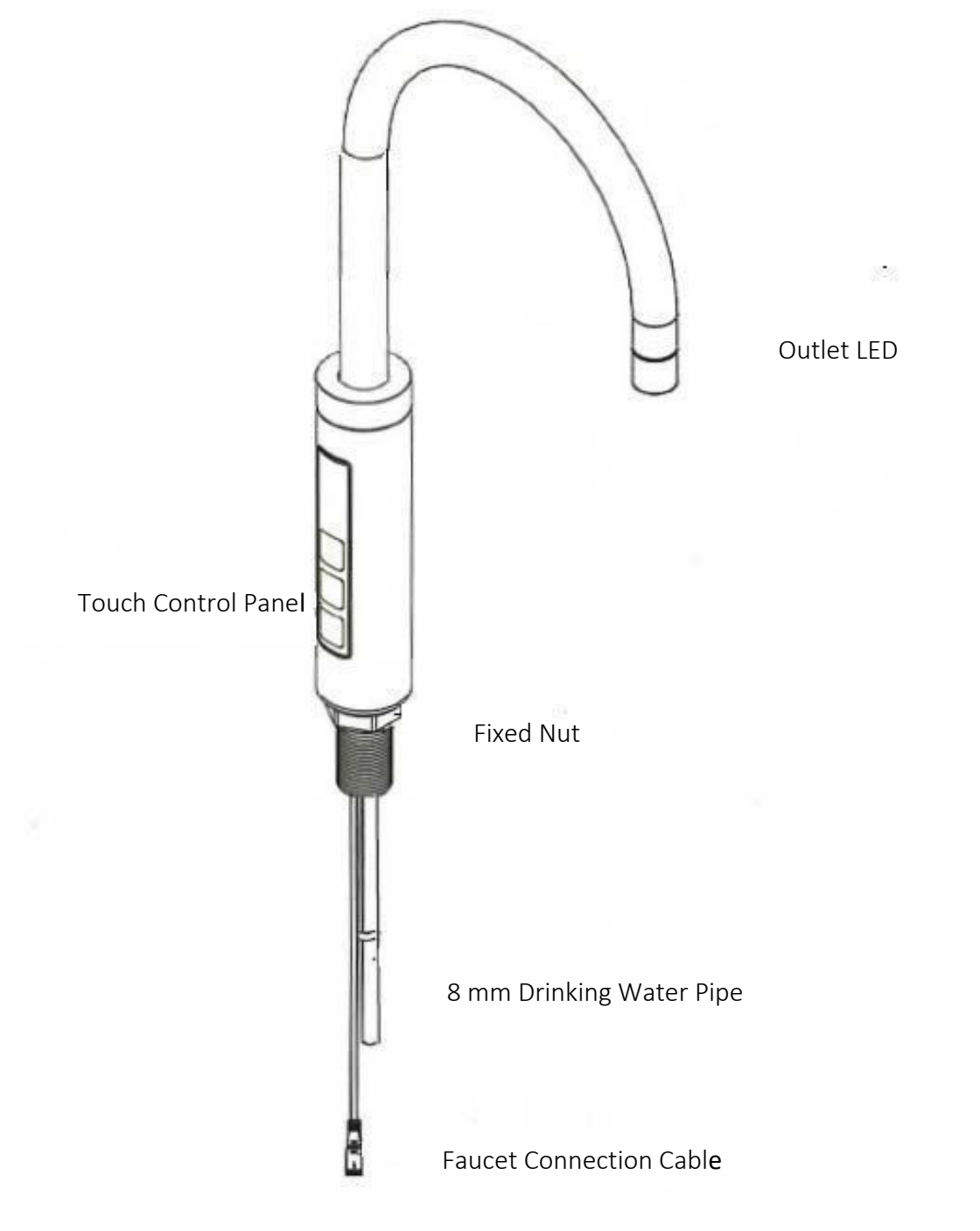


Power Cord



4x Clear
bumpers

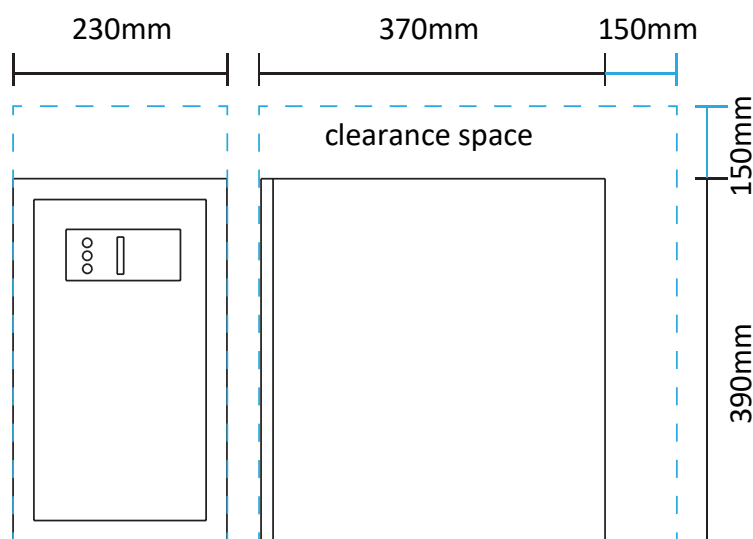
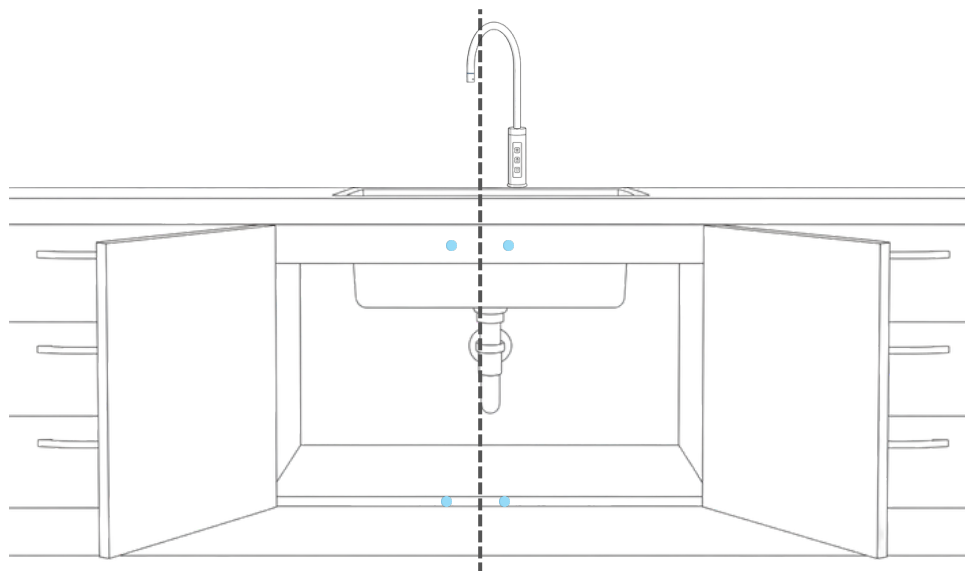
MULTITAP - EXPANDED DIAGRAM



Please check the parts are all correct in the box, and read the manual thoroughly. To install and use the faucet by following instruction to avoid damage

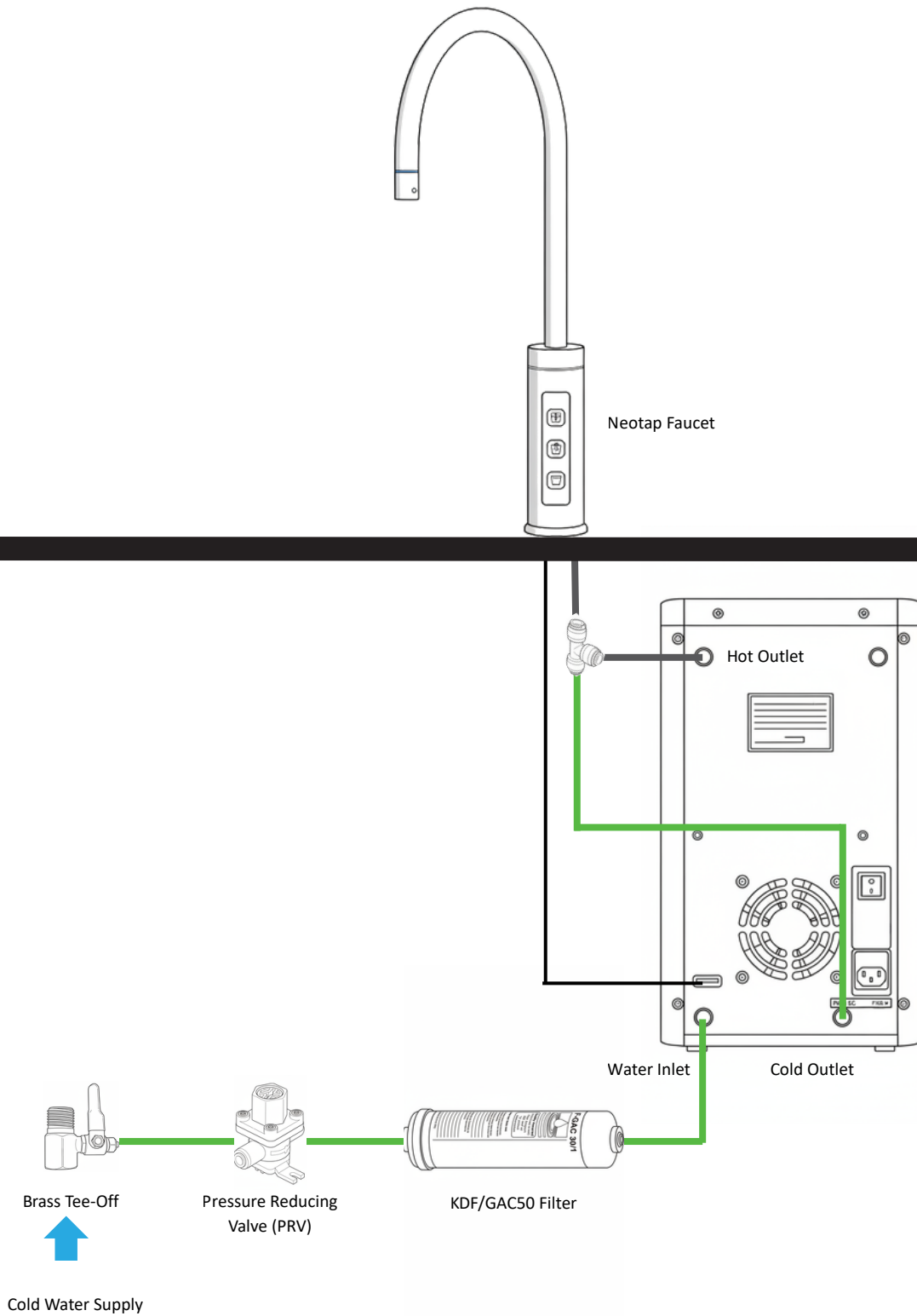
VENTILATION

Included in this package are 4 door bumpers. Please apply the bumpers to the inside of the cupboard door near the centre to allow an air gap for heated air to be released



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PIPING INSTALLATION



PIPING INSTALLATION

We recommend the instructions specified in this guide be followed in sequence by a qualified tradesperson to existing potable water supply for successful installation.

When installing please ensure the unit is easily accessible for service and maintenance

This Neotap has a 24 month back to base warranty from purchase, but this may be voided if unsatisfactory installation results in damage to the unit

1. Select the appropriate position for the tap to ensure it dispenses into the sink, allowing ample clearance below the outlet and at least 50mm from the wall. Drill a 35mm hole

2. Isolate the water supply. Disassemble the original COLD water Tap/Flexihose connections.

Reconnect the plumbers delight inline

3. Using the 1/4" Pipe provided connect the 1/4" inlet ball valve to the Pressure Reducing Valve.

4. The PRV is then connected to the KDF50 Filter and finally into the water inlet. Please ensure the filter has been flushed before connecting. The PRV and Filter have a directional water flow, connect as marked on the part

5. Connect the 8mm Pipe from the Faucet to the top of the one way tee valve (Grey HOT tube, and White COLD tube already attached)

6. Feed the faucet (Including pre-attached pipes) through the pre-drilled hole. Position so the tap sits flush with the bench-top

7. Screw and tighten the tap nut to ensure the tap is correctly positioned on top. Be careful not to over-tighten as this may split the nut

NOTE: Once placed do not swivel the tap - Internal tubes and cables within the faucet cannot handle rotation more than 180deg and risk being damaged

8. Find the best place for the NEOTAP unit under the bench, allowing 150mm clearance around the top and rear of the unit for ventilation. Allow room for the filter and piping as specified above

9. From the One Way Tee Valve - Connect the Grey pipe to the HOT water outlet at the top of the unit (Pressure Fit)) and the White 1/4" Pipe to the COLD water outlet at the bottom (PushLock)

NOTE: Ideally the Grey pipe should flow in a straight line upward. This pipe can be shortened and should be as short as possible

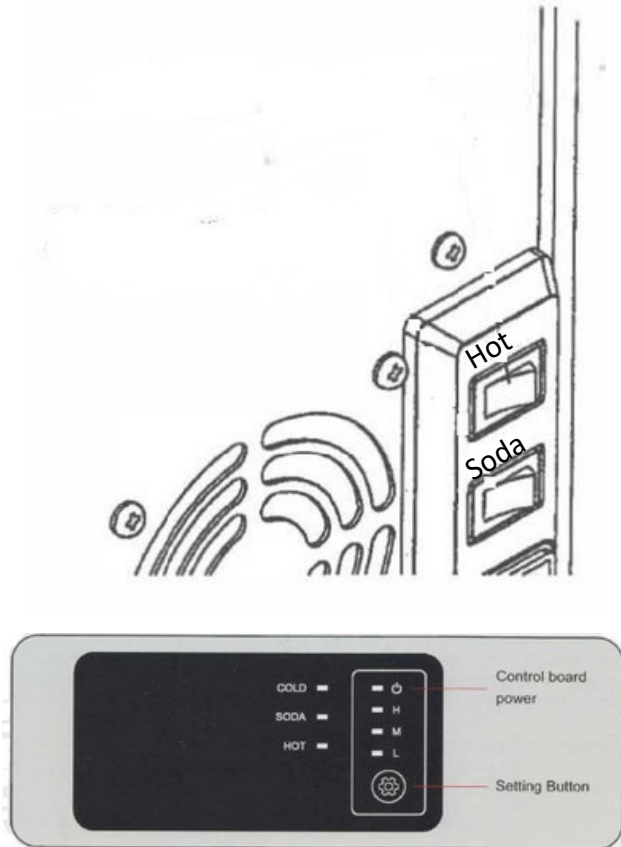
10. Carefully attach the wiring loom to the NEOTAP unit

11. Connect the machine to the power supply using the cord at the rear of the unit. Leave power and water supply OFF

12. Ensure all fittings, electrical connections and piping are secure to and from the unit

13. Turn on the water and power supply at the wall

HOT WATER OPERATION - UNDERBENCH



1. Press the HOT button on the Faucet and wait for water to dispense. Make sure the water is flowing before turning on the HOT power switch at the rear of the unit (This will ensure the HOT tank in the unit is full before turning on the element to prevent it burning out)
2. As soon as the HOT switch is on the HEATING LED light will illuminate. The LED will turn off once the heating process is complete
3. Hot water temperature can be adjusted using the settings button on the face of the unit. Press and hold the settings button for 3 seconds LED will flash. Press again and the Led light will cycle through LOW, MEDIUM and HIGH

NOTE: The Soda switch will be turned ON to enable Ambient water to flow. Sparkling is an optional extra

NEOTAP FAUCET - SYMBOLS

ECO MODE DISPLAY

Eco-mode is designed to save wasting unnecessary power when the unit is not in use. The Neotap will shut down the heating function after 1 minute when the sensor detects the ambient light in the room has been shut off. The unit will reboot once the sensor detects ambient light is present again (Either with the lightswitch being turned on or daylight)

Follow the below steps to scroll through the settings and turn the Eco function off

SETTINGS MODE

Press and hold the settings button for 5 seconds to enter setting mode

In settings mode the chosen temperature setting will be blinking, press once to scroll through the options

When needed temperature is chosen press any water dispensing button (Hot, cold or ambient) to save the temperature setting

100 - Indicates the HOT water will be 100% of the highest temperature

90 - Indicates the HOT water will be 90% of the highest temperature
80 - Indicates the HOT water will be 80% of the highest temperature

Eco mode can also be turned on or off using the above method

Press any button once to confirm selection. Please wait a few minutes before dispensing water

HOT WATER TEMPERATURE/REHEATING

After the hot tank has been emptied, it will take some time to reboil.

Depending on how empty the tank is, the relevant LED percentage will flash while reboiling. The LED will then be solid when it has reached that temperature percentage, then flash at the next percentage until it has reached the next threshold and so on



To **reboil** to the maximum temperature (100%) press the setting button once. The 100 LED will flash while reboiling and turn solid when optimal temperature has been reached

The tap is in SLEEP MODE when the blue light is on. Press the desired button once and the light will turn from BLUE to GREEN to indicate the tap is ready

NEOTAP FAUCET - COLD AMBIENT INSTRUCTIONS



COLD



AMBIENT



HOT

1. Turn on the COLD switch at the rear of the unit
2. Leave to cool for 40 minutes
3. Press the COLD button for Chilled water
4. Please wait at least 2 seconds after the HOT button is released before pressing for Chilled or Ambient water

The water will stop flowing after 1 minute. If you need more water re-press

NEOTAP FAUCET - HOT WATER INSTRUCTIONS

Press the HOT button on the faucet twice to dispense. The first press is to unlock, then for safety reasons press and hold for 3 seconds to allow water to flow

For best results allow 5 seconds to pass before using, this allows the pipe to completely fill with HOT Water

The residential Neotap is designed to deliver 2-4 cups of near boiling water in one dispense. For best results allow 5 seconds to pass before using, this allows the pipe to completely fill with HOT water.

If needing multiple cups please press the button to continuously dispense. After 5 seconds of no use, the HOT Tank will refill with cold water. This will reduce the temperature until the water reheats. Throughout the reheating process the tap will flash with respective temperature

Please note the final temperature may vary dependant on the length of the tube, ambient air temperature and other factors

TAKE OFF VALVE - INSTALLATION

Close the water supply

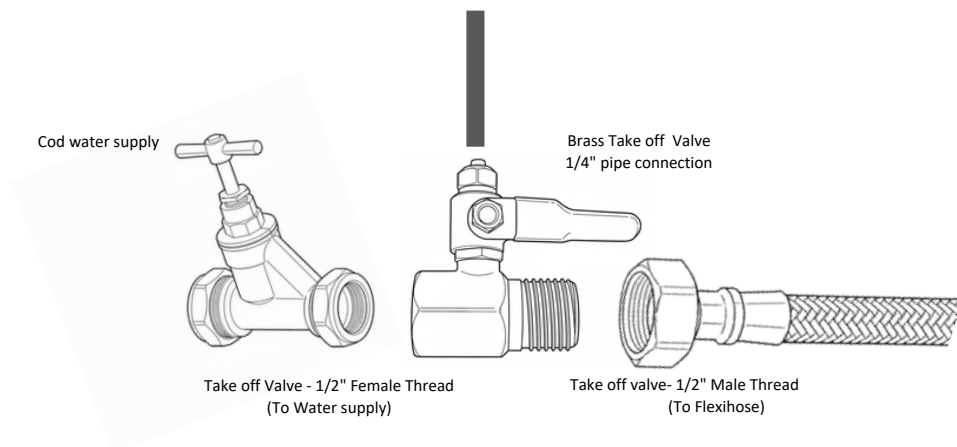
Disassemble the existing flexihose from the Cold Water Feed

Connect the water feed to the female thread of the Take off valve

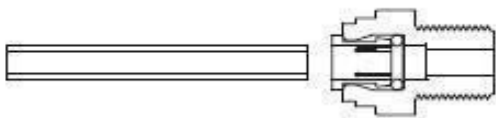
Insert the 1/4" pipe to the top of the Take off valve. Press in then pull back to secure

Connect the flexihose to the large male connection on the take off valve to feed the mixer tap

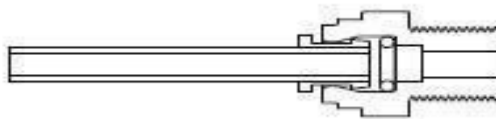
Open water feed (Blue shut off valve controls water supply to Neotap unit)



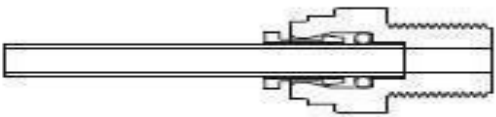
PUSH LOCK FITTING - INSTRUCTIONS



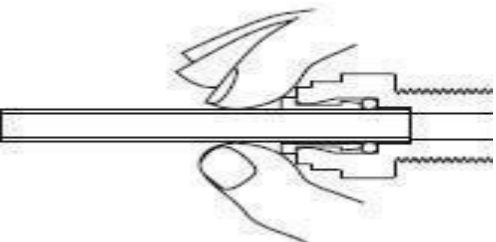
1. Cut the 1/4" Pipe square and push into the fitting.



2. The Push lock fitting will grip before it seals. Ensure the pipe is pushed past the O-Ring into the fitting completely



3. Pipe is secured in position. A small tug back will guarantee the pipe is in place



Disconnection

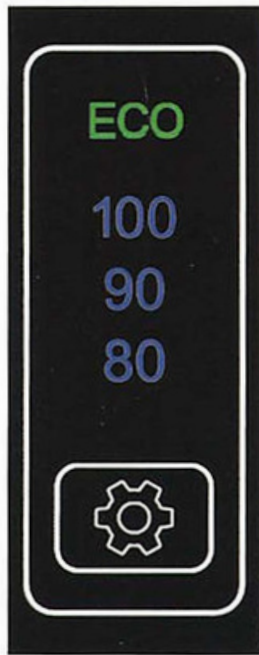
Pull locking ring flush against the fitting and hold. The pipe can now be released by pulling on it.

TROUBLESHOOTING

ISSUE	POSSIBLE CAUSE	SOLUTION
Water isn't cold	• Thermostat is out • Refrigerant gas is low • Problem with compressor or thermostat	Contact for service
No Cold water from Tap	Ice blocking in system	Please turn off the COLD power switch to allow the ice block to melt. Will need to contact for service to adjust thermostat
	No water inside unit	Check mains supply is supplying unit
LED at end of faucet flashing	Leak detection activated	Leak detection activated as probe detected water. Contact for service
Change in water taste	KDF50 Filter needs changing (Recommended to be changed annually)	We recommend changing the filter annually. Turn off water supply and replace per instructions on the filter
Low Flow	KDF50 Filter needs changing (Recommended to be changed annually)	We recommend changing the filter annually. Can notice cold/ambient water losing flow before Sparkling/Boiling. Turn off water supply and replace per instructions on the filter
	Insufficient water supply	Check mains supply is supplying unit. Recommended pressure 350kpa

CAUTION: For your safety please contact us or a qualified technician for repair if you suspect the water dispenser is damaged

MULTITAP FAUCET - Troubleshooting



All LEDS including buttons are blinking

Leak warning (Detected inside underbench unit)

100 Digital LED Light blinking

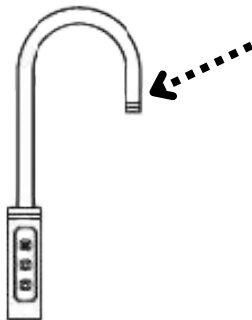
Overheating - Temperature over 105 degrees (Dry Heat)

100 and 80 Digital LED Light blinking

Dry heat is detected (No water in HOT Tank)

100, 90, 80 Digital Blinking

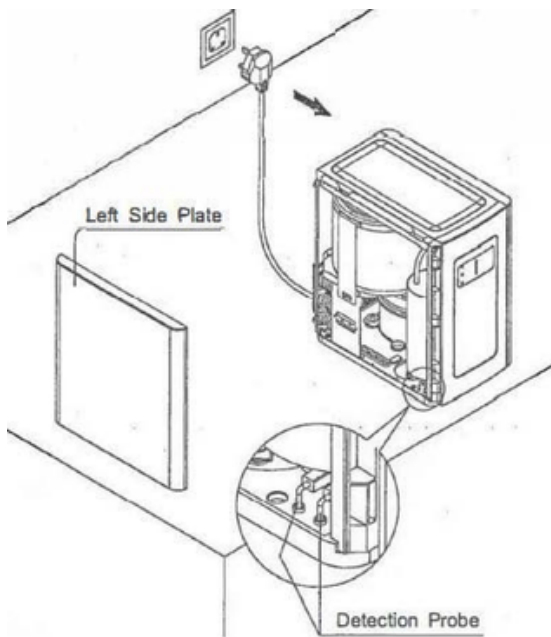
Over time heating warning (Abnormal long heating time)



Faucet outlet LED and HOT indicator light is blinking

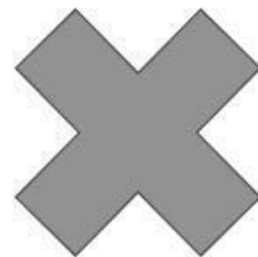
No water is filled into HOT Tank, need to check inlet water supply

LEAKAGE DETECTION - DIAGRAM



This device has a leakage detection probe fitted for safety purposes. When the probe detects moisture you may notice the LED on the machine flashing accompanied by a beeping noise. We recommend turning off the electricity at the power supply and calling a qualified technician to carry out this work for your safety.

TAP SWIVEL - WARNING



NO SWIVELLING TAP 360°

Internal tubes and cables within the faucet cannot handle completed rotation and will be damaged if turned more than 180 degrees.

Swivel feature is intended to find correct placement on the benchtop. Once placed, the tap should be left alone to avoid damage.

WARRANTY INFORMATION

Neotap offers a 5 year back to base manufacturers warranty on all units from the date of purchase (2 years parts and labour, 5 year tank replacement)

All installation and servicing should be completed by a qualified tradesperson

Faults with the product due to incorrect installation or operation may result in voided warranty

Details can be filled in via our warranty registration form at springnz.co.nz/warranty-registration-form/ or kept below for easy access

MODEL:

SERIAL NUMBER:

DATE OF PURCHASE:

SUPPLIER:

INVOICE NUMBER:

DATE OF INSTALLATION:

INSTALLER DETAILS:

MAINTENANCE GUIDELINES

For effective performance of the Neotap unit we recommend 6 monthly service checks and annual filter changes. Lack of maintenance could result in early failure of the unit and/or void warranty

Points to check on installation and subsequent maintenance

- Please ensure the unit is able to be easily accessed for service and changing of consumables Clean unit (Underbench and Faucet) to ensure it is kept in good condition and avoids
- Ensure the space is free from obstruction to avoid damage to the unit
- Check faucet connections are tight and functioning correctly to avoid leak
- Check gas pressure to ensure it is within recommended pressure level
- Check joints and fittings are secure to avoid leak -Change the KDF/GAC50 Filter annually for best performance of Neotap Unit

Neotap is proudly part of Spring Water Solutions. We offer installation, service and filter changes New Zealand wide. Please get in touch per the information below to book

NEOTAP

Touch

Boiling, Chilled and Sparkling

Installation Guide

NEORHCS



Experience the future of convenience and luxury with NeoTap - your all-in-one solution for instant filtered, boiling, chilled, and sparkling water. NeoTap is here to redefine how you interact with your home's drinking water.

Proudly part of Spring Water Solutions



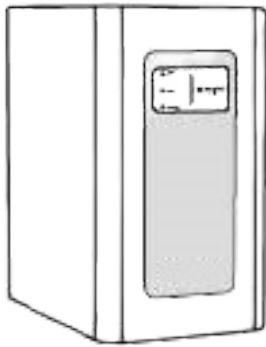
NEOTAP.CO.NZ

CONTENTS

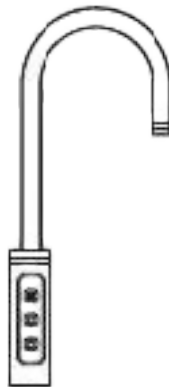
Contents	01
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PREFACE/PARTS

Before using this machine, we advise you to read this manual thoroughly.
Please follow the instructions to ensure proper operation and the lasting of the machine



NEOTAP - Hot, Cold, Sparkling



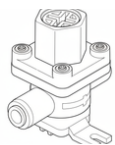
Faucet



Co2 Bottle



Regulator
(+ 2.2L Gas
bottle Adapter)



Pressure Reducing Valve
(PRV)



Straight
Connector



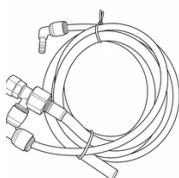
Wiring Loom



1/4" Tube
(COLD Water)



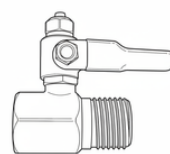
Power Cord



One Way Tee Valve
(Grey and White Pipe
Connected)



KDF50 Filter



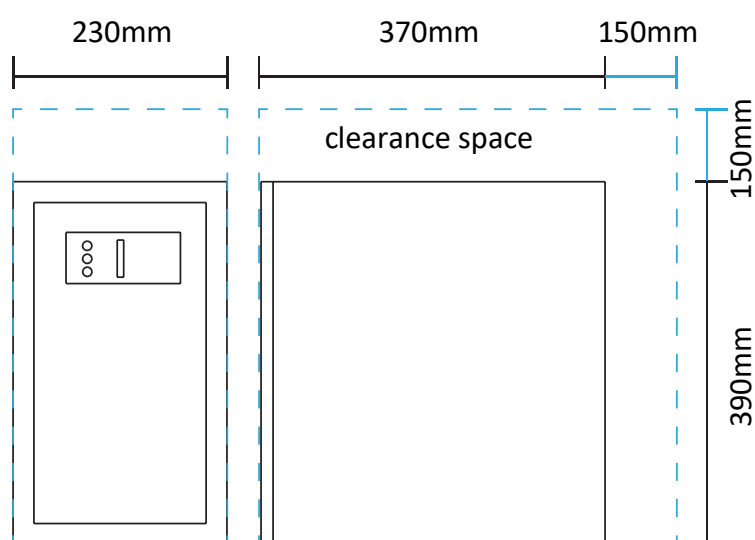
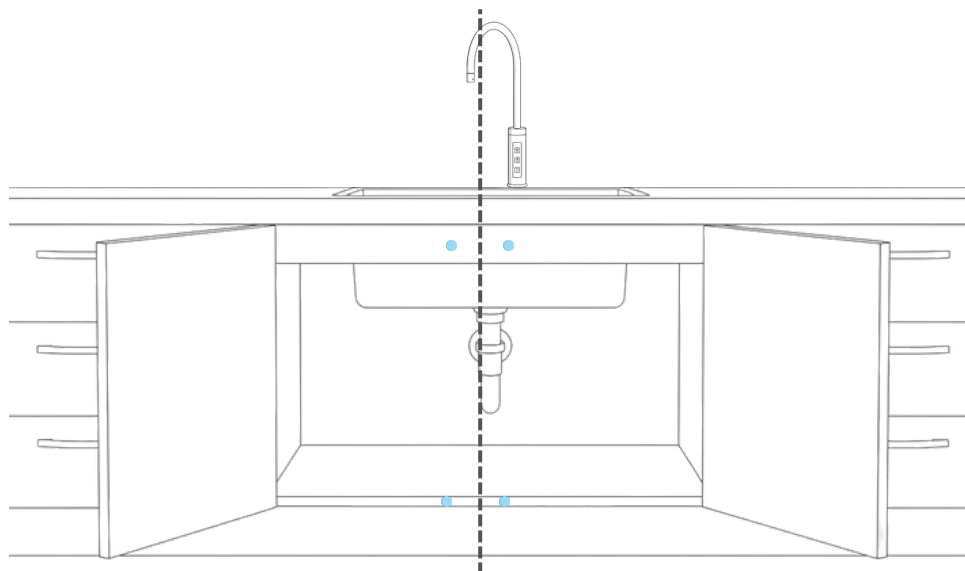
Brass Tee Off Valve
(Plumbers Delight)



4x Clear
bumpers

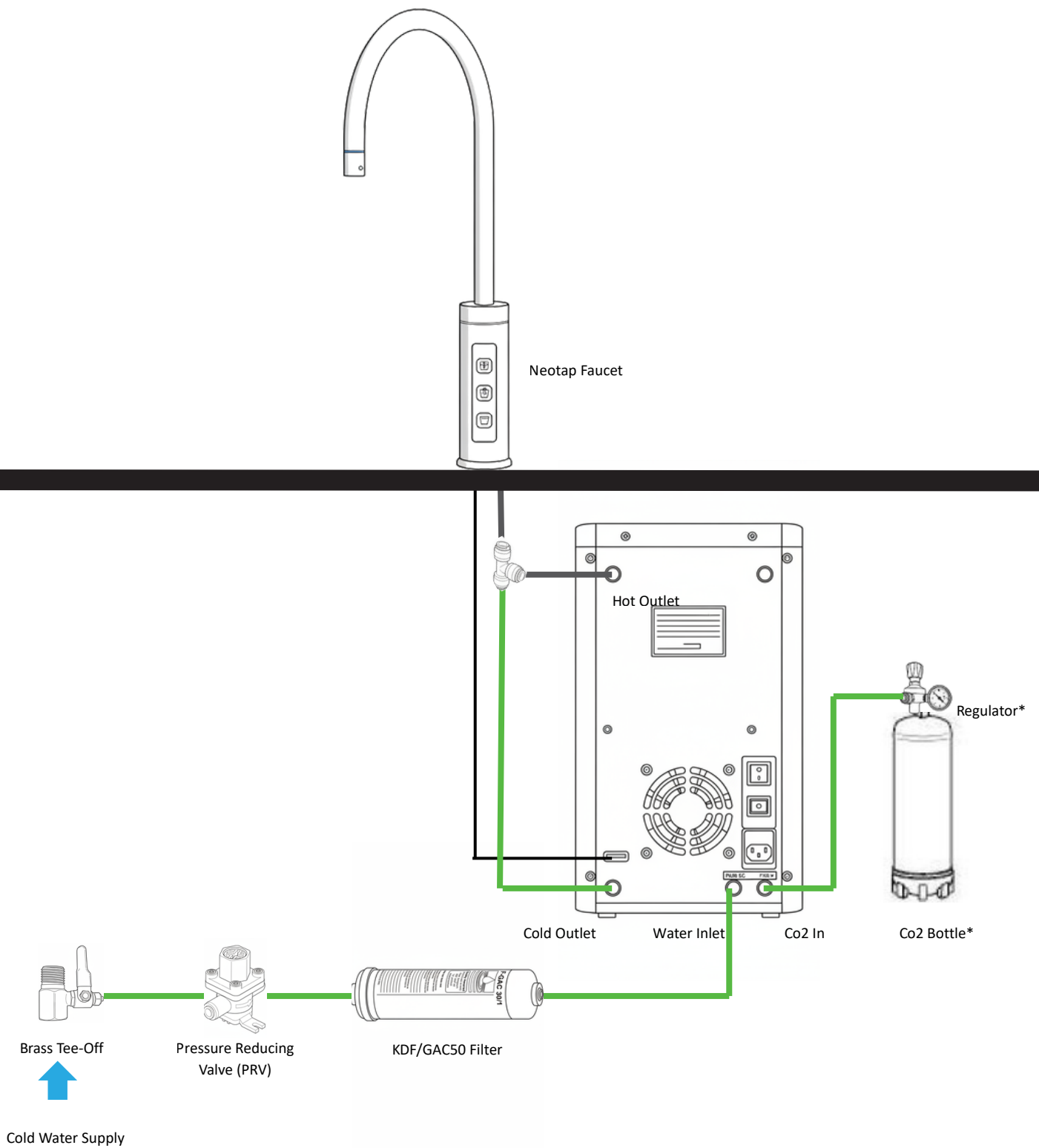
VENTILATION

Included in this package are 4 door bumpers. Please apply the bumpers to the inside of the cupboard door near the centre to allow an air gap for heated air to be released



Ventilation is typically only required when the cupboard's internal temperature exceeds 35°C. Based on our experience, maintaining 150 mm clearance around the Neotap unit and installing the cupboard bumpers to create an air gap will generally keep the underbench temperature within this limit in standard New Zealand conditions.

PIPING INSTALLATION



PIPING INSTALLATION

We recommend the instructions specified in this guide be followed in sequence by a qualified tradesperson to an existing potable water supply for successful installation

When installing please ensure the unit is easily accessible for service and maintenance

This Neotap has a 24 month back to base warranty from purchase, but this may be voided if unsatisfactory installation results in damage to the unit.

Select the appropriate position for the tap to ensure it dispenses into the sink, allowing ample

1. clearance below the outlet. Drill a 25mm hole

Isolate the water supply. Disassemble the original COLD water Tap/Flexihose connections.

2. Reconnect the plumbers delight inline

Using the 1/4" Pipe provided connect the 1/4" inlet ball valve to the Pressure Reducing Valve.

3. The PRV is then connected to the KDF30 Filter and finally into the water inlet. Please ensure the filter has been flushed before connecting. The PRV and Filter have a directional water flow, connect as marked on the part

Connect the straight connector to the white tube from the faucet

4. Remove the black cap off the clear pipe from the faucet. Push the Black silicone pipe over the

5. clear tube. Connect the other end of the black tube the the Hot Water Outlet

(Pressure Fit - No connector required)

Remove the black plastic nut from the faucet thread and connect the wiring loom. Be careful not to bend/break the pins

6. Feed the straight adapter, faucet connections and wiring loom through the hole in the tap.

7. Position so the tap sits flush with the bench-top

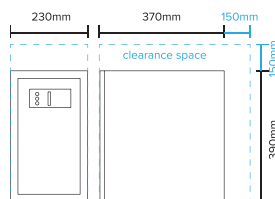
8. Screw and tighten the tap nut to ensure the tap is correctly positioned on top. Be careful not to over-tighten as this may split the plastic nut (Recommend using 27mm tube spanner - Not included)

NOTE: Once placed do not swivel the tap - Internal tubes and cables within the faucet cannot handle rotation more than 180deg and risk being damaged

Find the best place for the NEOTAP unit under the bench, allowing 150mm clearance around the top and rear of the unit for ventilation. Allow room for the filter and piping as specified above,

9. and Co2 bottle

NOTE: If the cupboard does not allow room for filter/Co2 bottle allow enough 1/4" pipe for it to be situated elsewhere



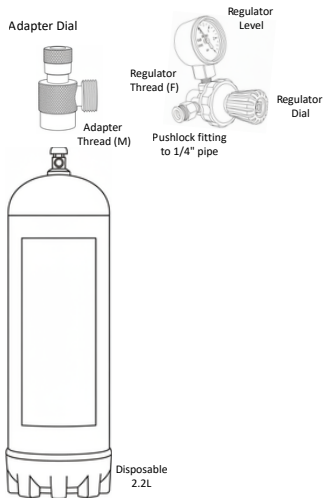
10. Using a length of 1/4" pipe connect the straight adapter to the cold water outlet as per the piping diagram (There may be 1 or 2 outlets dependent on model)
11. Carefully attach the wiring loom to the NEOTAP unit. Connect the machine to the power supply using the cord at the rear of the unit. Leave power and water supply OFF

PIPING INSTALLATION - CONTINUED

12. Place the Co2 bottle upright in the undersink cavity as close to the NEOTAP unit as possible

- If Sparkling not required continue on to Step 16

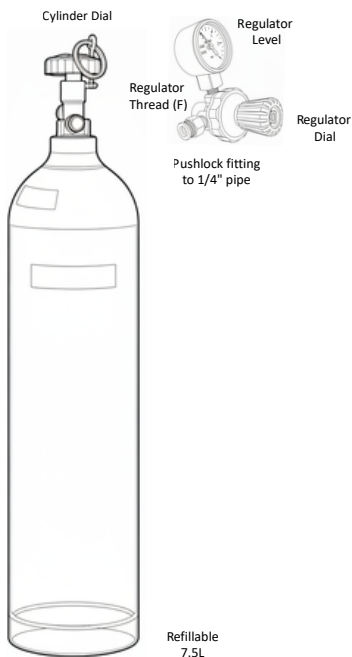
Disposable Gas Bottle and Regulator - Instructions



1. To connect the disposable gas bottle, first connect the adapter to the top of the cylinder securely. Ensure that the dial at the top of the regulator is completely closed (Anti-clockwise)
2. Attach the regulator to the adapter via the large thread. Ensure the Regulator is also in the OFF Position (Anti-clockwise)
3. Open the gas bottle by turning the adapter clockwise (This commissions gas to the regulator, which then regulates the gas pressure to the unit)

Continue to step 15

Reusable Gas Bottle and Regulator - Instructions



1. Turn the dial at the top of the cylinder fully anti-clockwise to ensure the regulator is in the OFF position
2. Connect the Co2 bottle to the regulator by screwing the regulator onto the bottle firmly via the large thread (Clockwise)
Be careful not to overtighten to avoid damaging the nut
3. Open gas bottle by turning the dial at the top of the cylinder clockwise

Continue to step 15

15. Attach the regulator to the open Co2 connector at the rear of the Neotap command centre using the 1/4" pipe provided. DO NOT OPEN THE REGULATOR - This is addressed in Co2 operation
16. Ensure the whole unit and its components have at least 150mm ventilation surrounding
17. Check there are no kinks or "sag" in the tubing from the unit to the faucet. This will ensure that any reduction in water flow is reduced
18. Ensure all fittings, electrical connections and piping are secure to and from the unit
19. Turn on underbench unit at the wall, leave water supply OFF at this stage

Co2 BOTTLE - OPERATION

1. Ensure the Co2 bottle is connected firmly to the regulator and the Co2 tube is fitted correctly

2. Slowly turn the dial on the regulator clockwise until the gauge reads 3BAR

Note: If you would like to reduce the pressure, you must first turn the dial anticlockwise and then vent (By either pressing the sparkling button whilst connected, or detaching the 1/4" pipe from control centre. The gauge will settle and read accurately)

3. Purge any air from the sparkling line by pressing the sparkling button on the tap for 15 seconds

4. Turn the water on at the Tee off valve, and turn the SODA switch on at the rear of the unit

5. Leave the unit to chill for a few hours to allow the chilled water and Co2 to bind

6. Press and hold the sparkling button for 15 seconds, you will start to see the water come out sparkling

Co2 binds best with chilled water best sparkling performance 24hrs after installation

All Co2 bottles should be upright during use, storage and transit. If the bottle has been left horizontal, place upright and stand for 60+ minutes before use to allow contents to settle

Co2 BOTTLE - DECOMMISSIONING

1. If you haven't adjusted the dial on the regulator (For both the disposable and refillable) this does not need to be adjusted for decommissioning

NOTE: The pressure level will show 0 when the gas bottle is empty

1. If you have adjusted the dial, or not sure, it is best to close the regulator dial. This will avoid the risk of excess pressure entering the unit accidentally when replacing the gas bottle

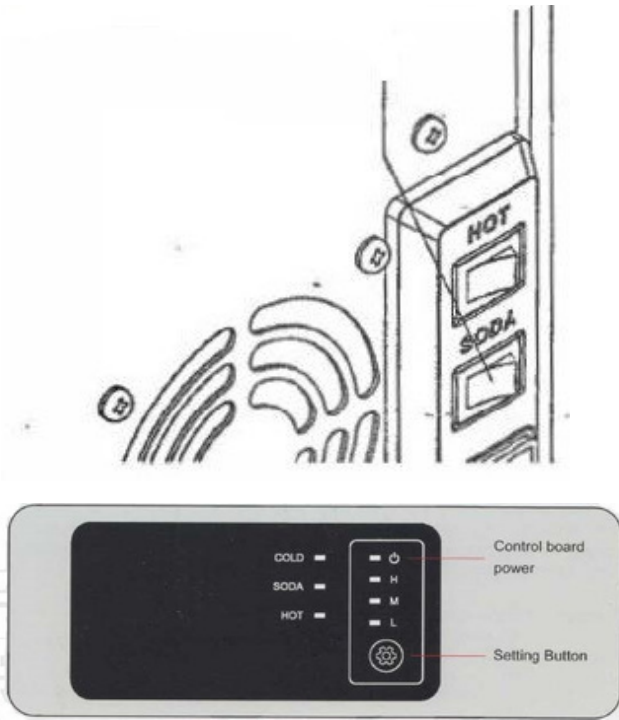
2. Close the dial on the top of the Refillable Gas cylinder (Adapter for disposable cylinder)

3. Unscrew the gas bottle from the regulator (Refillable)/adapter (Disposable) and replace with new bottle

4. Make sure all fittings are tight and secure

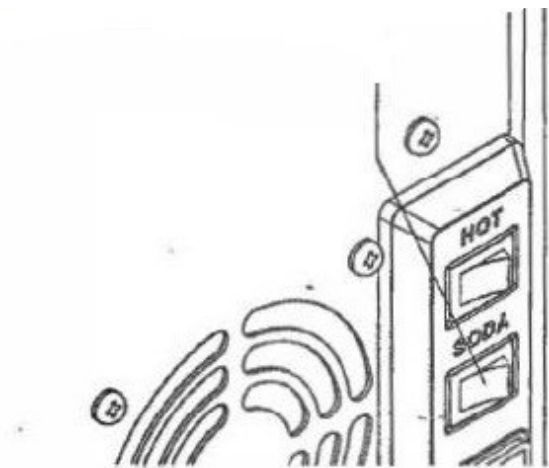
5. Open the dial at the top of the cylinder (Refillable) /adapter (Disposable) to commission gas to the regulator

HOT WATER OPERATION - UNDERBENCH



1. Press the HOT button on the Faucet. Make sure the water is flowing before turning on the HOT power switch at the rear of the unit (This will ensure the HOT tank in the unit is full before turning on the element to prevent it burning out)
2. As soon as the HOT switch is on the HEATING LED light will illuminate. The LED will turn off once the heating process is complete
3. Hot water temperature can be adjusted using the settings button on the face of the unit. Press and hold the settings button for 3 seconds LED will flash. Press again and the Led light will cycle through LOW, MEDIUM and HIGH

COLD AND SPARKLING - UNDERBENCH



1. After piping and Co2 connection is completed turn on SODA power switch
2. Push any water button to allow the mains water to fill the soda tank
3. Leave for 40 minutes (Cooling Period)
4. Push COLD button for chilled water or SODA button for sparkling water

NOTE: For safety, water draining will stop after 1 minute. If you need more water re-press the button

NEOTAP FAUCET - SYMBOLS

ECO MODE DISPLAY

Eco-mode is designed to save wasting unnecessary power when the unit is not in use. The Neotap will shut down the heating function after 1 minute when the sensor detects the ambient light in the room has been shut off. The unit will reboot once the sensor detects ambient light is present again (Either with the lightswitch being turned on or daylight)

Follow the below steps to scroll through the settings and turn the Eco function off

SETTINGS MODE

Press and hold the settings button for 5 seconds to enter setting mode

In settings mode the chosen temperature setting will be blinking, press once to scroll through the options

When needed temperature is chosen press any water dispensing button (Hot, cold or ambient) to save the temperature setting

100 - Indicates the HOT water will be 100% of the highest temperature

90 - Indicates the HOT water will be 90% of the highest temperature
80 - Indicates the HOT water will be 80% of the highest temperature

Eco mode can also be turned on or off using the above method

Press any button once to confirm selection. Please wait 100 seconds before dispensing water

HOT WATER TEMPERATURE/REHEATING

After the hot tank has been emptied, it will take some time to reboil.

Depending on how empty the tank is, the relevant LED percentage will flash while reboiling. The LED will then be solid when it has reached that temperature percentage, then flash at the next percentage until it has reached the next threshold and so on



To **reboil** to the maximum temperature (100%) press the setting button once. The 100 LED will flash while reboiling and turn solid when optimal temperature has been reached

The tap is in SLEEP MODE when the blue light is on. Press the desired button once and the light will turn from BLUE to GREEN to indicate the tap is ready

NEOTAP FAUCET - COLD AMBIENT INSTRUCTIONS



COLD



SPARKLING



HOT

1. Turn on the COLD switch at the rear of the unit
2. Leave to cool for 40 minutes
3. Press the COLD button for Chilled water
4. Please wait at least 2 seconds after the HOT button is released before pressing for Chilled or Ambient water

The water will stop flowing after 1 minute. If you need more water re-press

NEOTAP FAUCET - HOT WATER INSTRUCTIONS

Press the HOT button on the faucet twice to dispense. The first press is to unlock, then for safety reasons press and hold for 3 seconds to allow water to flow

For best results allow 5 seconds to pass before using, this allows the pipe to completely fill with HOT Water

The residential Neotap is designed to deliver 2-4 cups of near boiling water in one dispense. For best results allow 5 seconds to pass before using, this allows the pipe to completely fill with HOT water.

If needing multiple cups please press the button to continuously dispense. After 5 seconds of no use, the HOT Tank will refill with cold water. This will reduce the temperature until the water reheats. Throughout the reheating process the tap will flash with respective temperature

Please note the final temperature may vary dependant on the length of the tube, ambient air temperature and other factors

TAKE OFF VALVE - INSTALLATION

Close the water supply

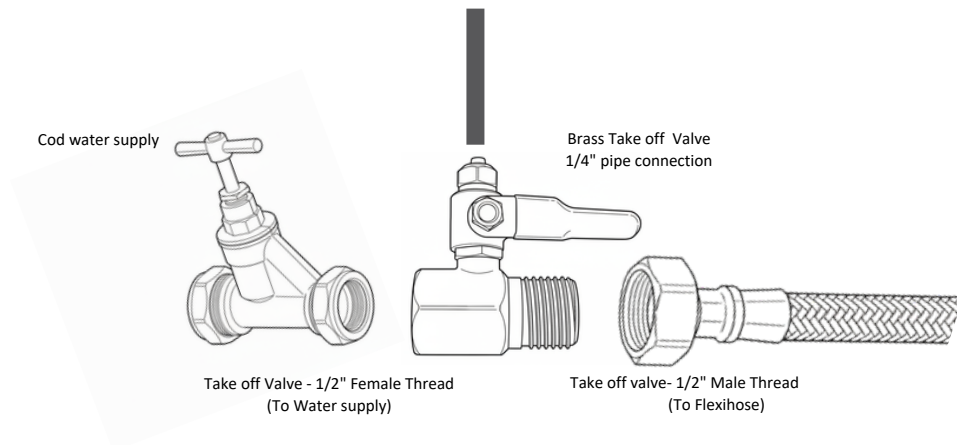
Disassemble the existing flexihose from the Cold Water Feed

Connect the water feed to the female thread of the Take off valve

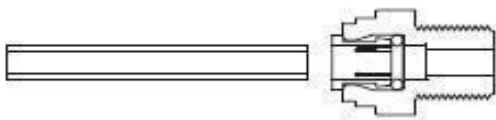
Insert the 1/4" pipe to the top of the Take off valve. Press in then pull back to secure

Connect the flexihose to the large male connection on the take off valve to feed the mixer tap

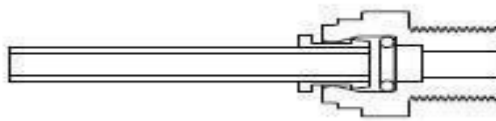
Open water feed (Blue shut off valve controls water supply to Neotap unit)



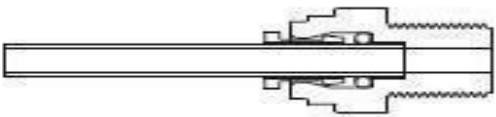
PUSH LOCK FITTING - INSTRUCTIONS



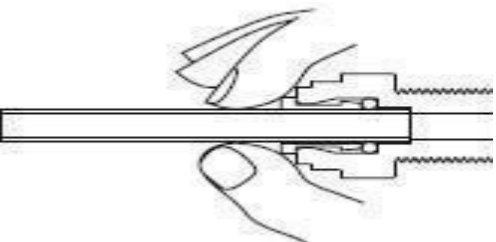
1. Cut the 1/4" Pipe square and push into the fitting.



2. The Push lock fitting will grip before it seals. Ensure the pipe is pushed past the O-Ring into the fitting completely



3. Pipe is secured in position. A small tug back will guarantee the pipe is in place



Disconnection

Pull locking ring flush against the fitting and hold. The pipe can now be released by pulling on it.

TROUBLESHOOTING

ISSUE	POSSIBLE CAUSE	SOLUTION
Water isn't cold	• Thermostat is out • Refrigerant gas is low • Problem with compressor or thermostat	Contact for service
No Cold water from Tap	Ice blocking in system	Please turn off the COLD power switch to allow the ice block to melt. Will need to contact for service to adjust thermostat
	No water inside unit	Check mains supply is supplying unit
LED at end of faucet flashing	Leak detection activated	Leak detection activated as probe detected water. Contact for service
Change in water taste	KDF50 Filter needs changing (Recommended to be changed annually)	We recommend changing the filter annually. Turn off water supply and replace per instructions on the filter
Low Flow	KDF50 Filter needs changing (Recommended to be changed annually)	We recommend changing the filter annually. Can notice cold/ambient water losing flow before Sparkling/Boiling. Turn off water supply and replace per instructions on the filter
	Insufficient water supply	Check mains supply is supplying unit. Recommended pressure 350kpa

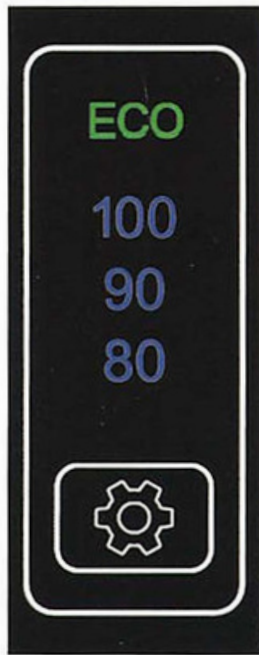
CAUTION: For your safety please contact us or a qualified technician for repair if you suspect the water dispenser is damaged

TROUBLESHOOTING - CONTINUED

ISSUE	POSSIBLE CAUSE	SOLUTION
Sparkling not working No Cold water from Tap LED at end of faucet flashing Change in water taste	CO2 output pressure is too high, making the water ratio to gas low	Close the Co2 bottle and release the pressure from the pressure regulator. Press the Soda tap to drain out the water and release the pressure inside the tank Turn off the Soda switch once water has been drained Reopen the Co2 bottle and set the Co2 output to 3 Bar Turn on the Soda Power switch again to start producing Sparkling Water
	Co2 has run out	Refill Co2 Bottle
	Co2 Line needs recommissioning	Follow the Sparkling install instructions in this manual (PG 8)
	Water not Sparkling enough after changing gas bottle	Co2 gas can take 24-48 hours to bind with the cold water after changing the gas bottle. You might be able to shorten this process by priming the CO2 tube per Pg8
	Not Sparkling enough (Bar pressure 3 or under)	Slightly increase pressure on the regulator (Ideally between 3-4 Bar)
Tap Leaking after Sparkling Water taken	Tap lines aerated	Sparkling water infuses gas into the water, which can make the tap begin to drip. Pressing the Ambient or Chilled option for 2-3 seconds should flush the aerated water out of the tap and stop the tap dripping

CAUTION: For your safety please contact us or a qualified technician for repair if you suspect the water dispenser is damaged

MULTITAP FAUCET - Troubleshooting



All LEDS including buttons are blinking

Leak warning (Detected inside underbench unit)

100 Digital LED Light blinking

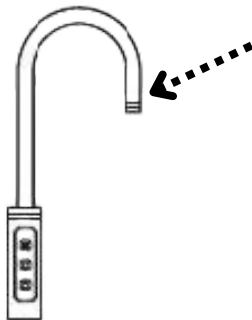
Overheating - Temperature over 105 degrees (Dry Heat)

100 and 80 Digital LED Light blinking

Dry heat is detected (No water in HOT Tank)

100, 90, 80 Digital Blinking

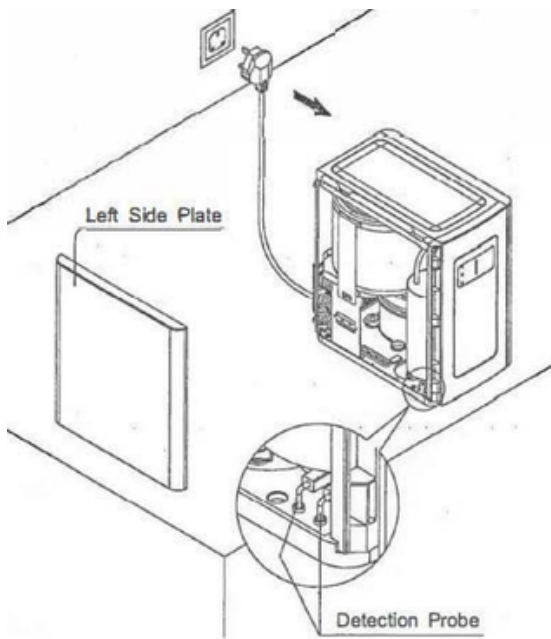
Over time heating warning (Abnormal long heating time)



Faucet outlet LED and HOT indicator light is blinking

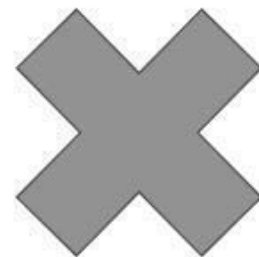
No water is filled into HOT Tank, need to check inlet water supply

LEAKAGE DETECTION - DIAGRAM



This device has a leakage detection probe fitted for safety purposes. When the probe detects moisture you may notice the LED on the machine flashing accompanied by a beeping noise. We recommend turning off the electricity at the power supply and calling a qualified technician to carry out this work for your safety.

TAP SWIVEL - WARNING



NO SWIVELLING TAP 360°

Internal tubes and cables within the faucet cannot handle completed rotation and will be damaged if turned more than 180 degrees.

Swivel feature is intended to find correct placement on the benchtop. Once placed, the tap should be left alone to avoid damage.

WARRANTY INFORMATION

Neotap offers a 5 year back to base manufacturers warranty on all units from the date of purchase (2 years parts and labour, 5 year tank replacement)

All installation and servicing should be completed by a qualified tradesperson

Faults with the product due to incorrect installation or operation may result in voided warranty

Details can be filled in via our warranty registration form at springnz.co.nz/warranty-registration-form/ or kept below for easy access

MODEL:

SERIAL NUMBER:

DATE OF PURCHASE:

SUPPLIER:

INVOICE NUMBER:

DATE OF INSTALLATION:

INSTALLER DETAILS:

MAINTENANCE GUIDELINES

For effective performance of the Neotap unit we recommend 6 monthly service checks and annual filter changes. Lack of maintenance could result in early failure of the unit and/or void warranty

Points to check on installation and subsequent maintenance

- Please ensure the unit is able to be easily accessed for service and changing of consumables Clean unit (Underbench and Faucet) to ensure it is kept in good condition and avoids
- Ensure the space is free from obstruction to avoid damage to the unit
- Check faucet connections are tight and functioning correctly to avoid leak
- Check gas pressure to ensure it is within recommended pressure level
- Check joints and fittings are secure to avoid leak -Change the KDF/GAC50 Filter annually for best performance of Neotap Unit

Neotap is proudly part of Spring Water Solutions. We offer installation, service and filter changes New Zealand wide. Please get in touch per the information below to book