

Zip Domestic ChillTap[®]

Undersink filtered / unfiltered domestic chilled drinking water

Affix Model Number Label Here

87403

GP



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Read These Warnings First

Please read all installation requirements, installation procedures and precautions before installing any Zip ChillTap.

- Never attempt to install any Zip ChillTap without reading all of the applicable instructions.
- All electrical connections must comply with current wiring rules.
- This appliance is not designed for use by young children or infirm people without supervision.
- Young children should be prevented from having access to ensure they are not able to use or play with the chiller.
- This appliance must be earthed.
- If the power supply cord is damaged it must be replaced by a Zip Service Provider or a qualified electrician.
- Do not remove the cover of the appliance under any circumstances without first isolating the appliance from the power supply.



Installation Instructions

Installing the Chiller

Sit the chiller unit into the cupboard as close to the proposed outlet tap position as is possible, to minimise the length of tubing exposed between the chiller unit and the outlet tap.

Allow at least 50 mm around the chiller unit to permit free airflow. Both the top and the front of the chiller must remain accessible for servicing purposes.

Installing the Tap

If this model comes with a carafe filler, position and install the carafe filler at the back of the sink where there is a 45mm wide flat area within the draining area of the sink.

Make sure the selected position allows the carafe filler spout to overhang the sink bowl.

Use a 25mm sheet metal punch to create a neat hole without burrs.

Remove the nut and washer from the base of the carafe filler, leaving the rubber-sealing ring in place.

Fit the carafe filler and seal to the sink, oriented so that the operating lever is away from the sink bowl.

Slide the washer and nut over the tubes from under the sink, and tighten the nut to secure the carafe filler firmly into place.

Connecting

If this model comes with a filtration kit, follow the separate filter kit installation instructions.

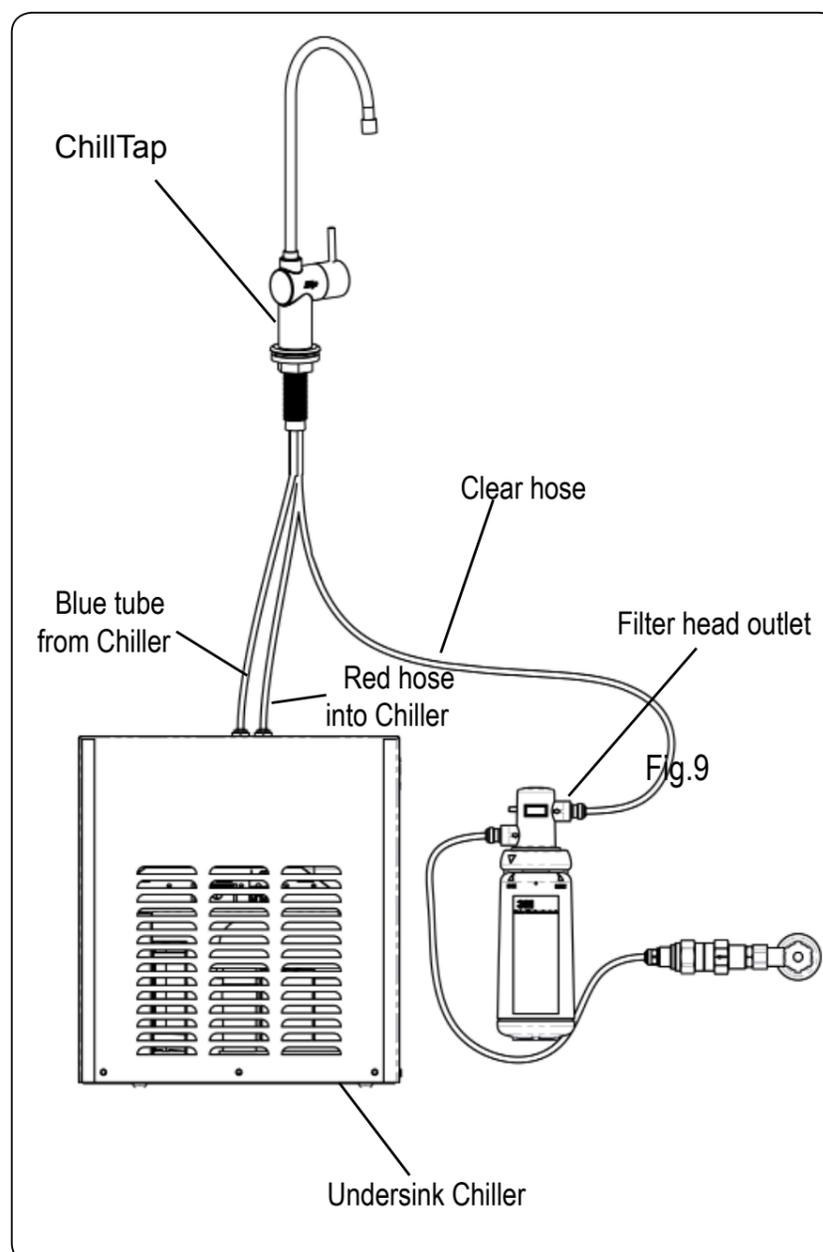
If this is an unfiltered model, only a 1/2" BSP to 1/4" tube adaptor is supplied.

You must separately supply and install an isolating valve in the supply line before the connection to the product.

If the pressure exceeds 700kPa, you must also supply and install a 350kPa pressure-limiting valve.

From the outlet of the pressure limiting valve or the outlet of the filter housing (if supplied) connect the CLEAR tubing from the vented carafe filler, cut excess off to ensure a neat job. Make sure all connections to John Guest fittings are pushed in past the "O"ring to full depth, at least 15-16mm.

Now measure and cut the RED tube to connect directly to the JG fitting marked INLET on the top right rear of the chiller unit. Insulate the BLUE tube with the loose length of the pipe insulation, cut both pieces to correct length. Now connect the BLUE tube to the JG fitting marked OUTLET on the top left rear of the chiller.

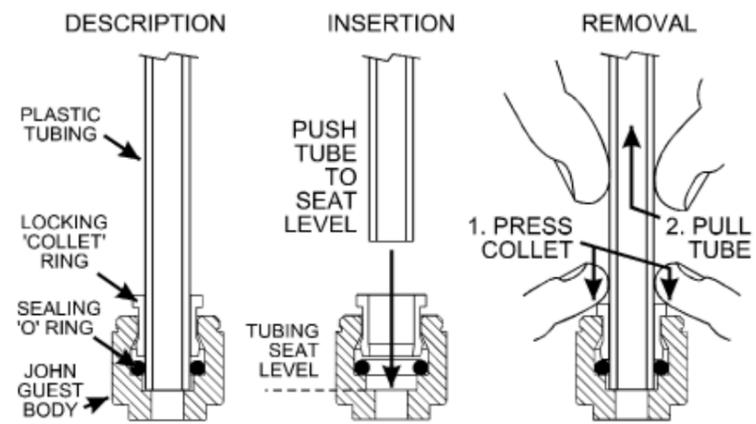


Installation Instructions continued

Tap connection is now complete.

Precautions

- The plumbing installation must be done in accordance with local Water Authority regulations and these Installation Instructions.
- As the installer, it is your responsibility to supply (if necessary) and install all valves as required by local regulations and relevant standards.
- The chiller and filtration systems are indoor units and must not be exposed to the elements of nature.
- Take care, when bending rigid plastic tubing, to prevent it from kinking or crushing around a bend. As it is plastic tubing containing water under mains pressure, be careful not to nick, scratch or damage it during installation.
- Ensure there is adequate ventilation available through the cupboard. If there is inadequate ventilation, and the cupboard temperature rises to above 40°C, the chiller may become damaged and malfunction which will void the product warranty.
- There must be a minimum 168cm² of cupboard cross-flow ventilation. Suitable holes or vents will need to be cut into the cupboard and door.
- For safe operation, thoroughly flush the water through after non-use periods longer than 12 hours.
- Filter cartridges (if fitted) should be replaced at least every 6-12 months, or sooner if you notice:
 - A. a persistent reduction in water pressure from the product, or;
 - B. an unpleasant taste or odour in the water.Not changing the cartridges when required may cause the water to become biologically unsafe.



*How to fit John Guest fittings:

Insertion and removal details for JG fittings using plastic tubing. (See Fig.5)

Cut the tube squarely with a sharp knife or tube cutter.

Shake out and remove any swarf or debris.

Commissioning

Clip the tubing in the cupboard. After the appliance is installed and connected, turn "ON" the water supply. Check all connections for leaks. Repair any found.

The chiller and tubing are full of air until purged. Press the operating lever on the appliance outlet tap for a minimum of five minutes until all of the air has been purged from the system.

The filter (if fitted) will need to be flushed before use. Flush approximately 10L to waste.

Note that during the filter flush some black particles may be flushed in the water. This is completely normal and will clear within the first litre of flushing. Flushing the filter will also purge the air within it. Refer to the separate filter kit installation instructions.

Plug the 3-pin power cord into a standard power point. Do NOT turn "ON" until after the unit is purged.

Wipe clean and dry the area.

Dispose of packaging wisely.

Installation Instructions continued

Operation

Chilled water is obtained by rotating the lever on the carafe filler. The water is chilled by a refrigeration unit fitted within the cabinet stand, under the basin.

With the carafe filler, you can obtain chilled water within the rated capacity, for as long as you leave the lever in the open (vertical) position. When finished, return the lever to the OFF (upright) position.



Filter Replacement

The Zip ChillTap Under Counter Chiller may have a separate filtration system connected to the incoming water supply line, and which may be located within the same cupboard as the chiller unit.

For safe operation, the filter cartridge should be replaced every 6-12 months, or earlier if you notice a persistent reduction in water pressure from the appliance or an unpleasant taste or odour in the water.

WARNING

Not changing filtration cartridges when required, may cause the water to become biologically unsafe. Make an entry in your diary to check the water quality of the ChillTap at least six months after installation and after every subsequent filter change.

Use only a Zip Filter to match that used with this ChillTap (if fitted). Replacement filter cartridges can be obtained through plumbing suppliers or directly from Zip.

Replacement instructions come with the filter cartridges.

Before attempting to disconnect or remove the filter cartridge from the housing, isolate (turn off) the water supply prior to the filter system, and then relieve the system pressure by operating the chilled water outlet tap until the water ceases to flow.

Service

There are no user serviceable parts but there are dangerous voltages present within the unit. All service work must only be carried out by a suitably qualified and experienced service person.

Before calling for service, check that both the water and electricity supplies are turned 'ON' and OK.

Call an electrician, a plumber, or Zip for a free call in Australia on 1800-638-633, for assistance, service, spare parts, or enquiries.

Cleaning

Cleaning

Never use strong, corrosive or abrasive cleaning materials on the Zip ChillTap. Wipe clean the outer surfaces with a sponge or a soft cloth using a mild soap and water. The louvres on the sides of the chiller unit need to be kept free of dust and lint to permit free flow of air through the vents. They should be checked regularly, at least monthly, and dusted or vacuumed.



End of Life Disposal

In order to help preserve our environment we ask that you dispose of this product correctly. Please contact your local city council for collection centre details.

Troubleshooting

Problem	Cause	Remedy
No water at outlets	Water not connected	Connect and turn on water
Water not chilled	Power not connected	Connect and turn on power
Poor flow at outlet	Blocked filter	Replace filter

Performance Data Sheet

Use Replacement Cartridge 91289

The concentration of the indicated substances in water entering the system was reduced to a concentration less than or equal to the permissible limit for water leaving the system as specified in NSF/ANSI Standard 42 and NSF/ANSI Standard 53.

Capacity: 3,785 litres Contaminant Reduction Determined by NSF testing.

Test Conditions: pH7.5, Pressure: 415 kPa, Flow Rate: 1.9L/min

Substance Reduction	Average Influent	NSF/ANSI specified Challenge Concentration	Avg % Reduction	Average Product Water Concentration	NSF Max Permissible Product Water Concentration	Australian/ New Zealand (AS/NZS Standard 3497) Max Permissible Product Water Concentration	NSF Reduction Requirements	NSF Test Report
Chlorine Taste and Odor	2.0 mg/L	2.0 mg/L ±10%	97.3%	0.05 mg/L	N/A	5.0 mg/L	≥ 50%	J-00109688
Cyst*	140,000 cysts/L	Minimum 50,000 cysts/L	>99.99%	3 cyst/L	N/A	1 cyst/100 L	≥ 99.95%	J-00109693
Lead pH @6.5	0.150 mg/L	0.15 mg/L ± 10%	99.3%	0.001 mg/L	0.010 mg/L	0.01 mg/L	N/A	J-00109691
Lead pH @8.5	0.150 mg/L	0.15 mg/L ± 10%	99.3%	0.001 mg/L	0.010 mg/L	0.01 mg/L	N/A	J-00109692

* Based on the use of Cryptosporidium parvum oocysts

Application Guidelines/ Water Supply Parameters	
Service Flow	1.9 lpm
Water Supply	Potable Water
Water Pressure	172 - 862 kPa
Water Temperature	4.4°C - 38°C



System tested and certified by NSF International against NSF/ANSI Standard 42 and Standard 53 for the reduction of substances as listed below according to Standard 42 and Standard 53.

It is essential that the manufacture’s recommended installation, maintenance and filter replacement requirements be carried out for the product to perform as advertised. See installation Manual for details.

Note: While the testing was performed under standard laboratory conditions, actual performance may vary.

Contact Details

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