

Billi®

Residential Installation Guide

Billi Home C (913000)

Tap Options:
Slimline Mixer



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Warnings and Important Information

- For continued safety of this appliance, it must be installed, operated and maintained in accordance with the manufacturer's instructions.
- Your appliance should be installed by the manufacturer, a service agent, or any other suitably qualified tradesperson.
- For correct operation of this appliance, it is essential to observe the instructions as outlined in this booklet.
- Do not use this appliance with water that is microbiologically unsafe or with water of unknown quality without adequate disinfection before or after the system. Systems certified for cyst reduction may be used on disinfected water that may contain filterable cysts.
- Filter replacement must be performed at intervals of not more than 12 months.
- Use this appliance only as directed in these instructions and only for its designed purpose.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or persons with lack of experience and knowledge, unless they are supervised or have been given instruction concerning use by a person responsible for their safety.
- This appliance is not to be installed in an area where a water jet could be used.
- Children should be supervised to ensure that they do not play with the appliance.
- **WARNING:** Do not connect any restrictor, pressure relief device or non-return valve to the vent pipe of this appliance.
- **WARNING:** When positioning the appliance ensure the power supply cord is not trapped or damaged.
- **WARNING:** Do not install the appliance using a power board, double power adaptor or any other similar device. The appliance is to be plugged directly into a suitably protected and rated power point.
- **WARNING:** If the power supply cord is damaged, it must be replaced by the manufacturer, its service agent, or similarly qualified persons.
- The appliance is not to be used until the power supply cord is repaired.
- **WARNING:** Avoid spillages of any kind on all electrical connectors.
- **WARNING:** Potential injury can result from misuse.
- Only Billi hose and tube kits as supplied with the appliance are to be used. Old or other manufacturer's hose and tube kits should not be used.
- **WARNING:** Installation shall conform to the plumbing code of Australia (PCA) or relevant local requirements.
- If the appliance is installed in a location where the ambient air temperature could fall below 4°C, do not turn off power to the appliance to prevent malfunction. This safeguard does not offer protection to connecting pipework and fittings externally to the appliance.
- The appliance is designed to operate in an ambient air temperature range of 5°C to 30°C.
- Turn off power to the appliance by unplugging the power cord from the connected power point. Only do so after the inlet water supply has been turned off.
- The appliance is intended to be used in household and similar applications such as:
 - Staff kitchen areas in shops, offices, and other working environments.
 - By clients in hotels, motels, and other residential type environments.
 - Bed and breakfast type environments.
 - Catering and similar non-retail applications.
- Please note maximum inlet water pressure is 1000kPa

Unpacking your Billi Home C

Before commencing installation, carefully check for any damage to outer carton, inner liner, appliance metalwork, pipework fittings and electrical power cord. If damage is found, please photograph and record details for use if a claim is to be made.

WARNINGS relating to this appliance must be read before commencing installation. Refer to page 3.

Included Components

Before commencing installation, ensure you have identified the following.

1. Chilled Water Module
2. Dispenser
3. Installation Kit
4. Installation Guide
5. User Guide
6. Warranty Card

Installation Requirements

Water Supply

A single cold water supply is required.

Supply Pressure: 200 – 1000 Kpa

Supply Temperature: 5°C – 30°C

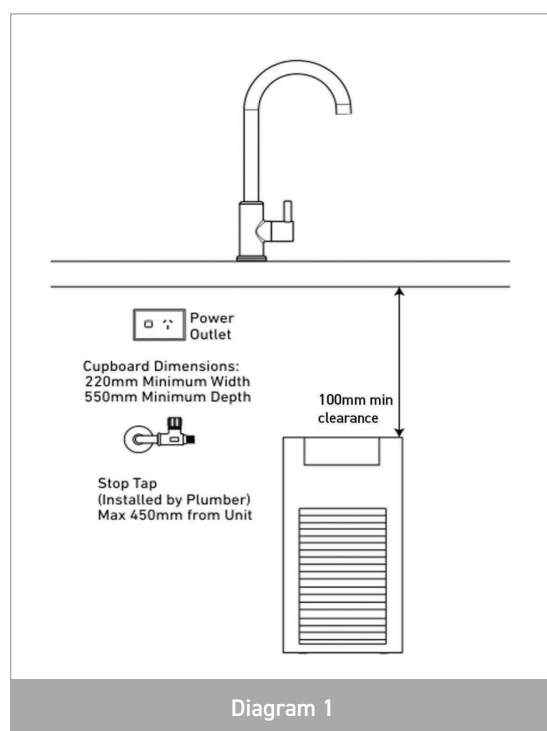
Do not install with water that is microbiologically unsafe or with water of unknown quality without adequate disinfection before or after the system. Systems certified for cyst reduction may be used on disinfected water that may contain filterable cysts.

Power Requirements

A single 10 amp standard power outlet is required. Chiller module is supplied with 1 metre of flex cord and plug.

Drainage

A drainage point, such as a dishwasher nipple or a tundish, is required.



Installing the dispenser

IMPORTANT: This Billi appliance is to be installed by a licensed trades person in accordance with AS/NZS 3500.1 and AS/NZ 3500.2 and in compliance with applicable state regulatory requirements. For correct operation of this appliance, it is essential to observe the manufacturer's instructions.

1. Determine Component Location

A stop tap (not supplied) is to be installed in an easily accessible position for later service. Determine the location of each of the components, taking into account the tube lengths and space available. Refer to Diagrams 1.

2. Flush Lines

It is important to flush lines before fitting. Install outlet fitting to combined valve. Refer to Diagram 3.

3. Install Dispenser Tap Assembly

A 22mm hole is required either in the benchtop or flat surface of sink adjacent to bowl of sink. Mount the dispenser tap. Refer to Diagram 2.

4. Install Chiller Module

Connect all plastic tubing as shown. Refer to Diagram 3. All connections are made using push-fit connectors. Trim tubes to correct lengths, ensuring tubes are as short as possible with small amount of lag. Tubes should be cleanly cut square using a sharp knife or plastic tube cutter. Ensure that tube ends are round and not flattened or kinked, then push into connectors firmly until properly seated (to release, press the outer ring in while pulling gently on the tube).

5. Install Drain Connection

a. Option 1: to dishwasher nipple on waste trap

- i. Drill hole in dishwasher nipple (min. 10mm)
- ii. Push larger end of supplied drain boot fully over dishwasher nipple.
- iii. Push 3/8" tube on supplied drain tube assembly at least 15mm into drain boot. Ensure arrow on drain label is pointing into the drain boot.
- iv. Connect 3/16" tube on supplied drain tube assembly to condenser outlet as per Diagram 18. Nut to be finger tightened only.

b. Option 2: directly to waste trap

- i. Drill a 1/2" hole in the side of the waste trap. Hole is to be least 10mm above water level in the trap and on the sink side only.
- ii. Clip drain adaptor to drain clamp, ensuring tabs on drain adaptor engage with slots in drain clamp.
- iii. Fit drain clamp and adaptor assembly over hole in waste trap. Ensure drain adaptor is oriented with push-fit connection angled up and spigot pushed into drilled hole.
- iv. Tighten drain clamp.
- v. Push 3/8" tube on supplied drain tube assembly fully into drain adaptor. Ensure arrow on drain label is pointing into drain adaptor
- vi. Connect 3/16" tube on supplied drain tube assembly to condenser outlet as per Diagram 18. Nut to be finger tightened only.

6. Turn on Water Supply

Pull dispenser tap lever and then turn on water supply. After water flows from outlet, release lever and ensure that there are no leaks. Pull lever again and run for at least 5 minutes to flush carbon filter.

7. Turn on Electricity Supply

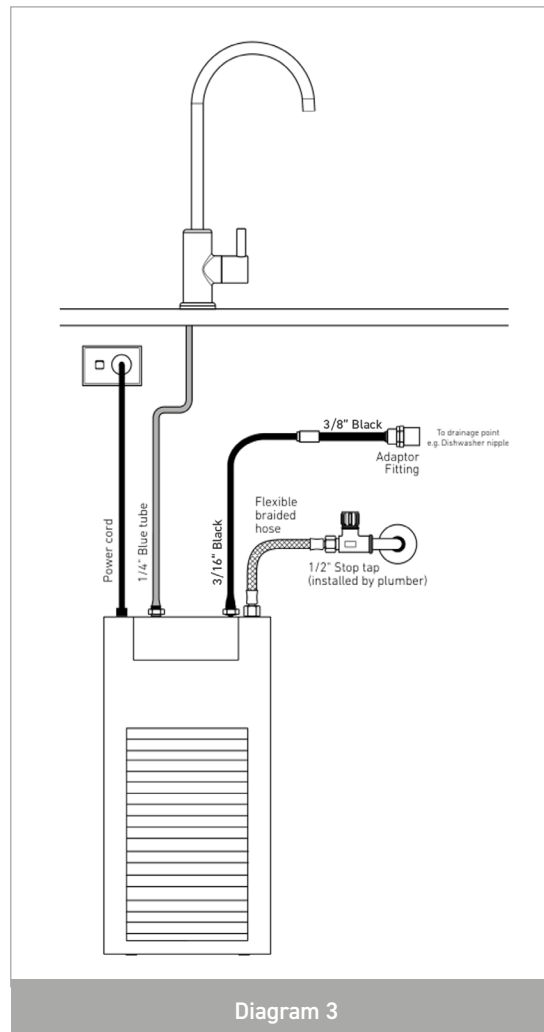
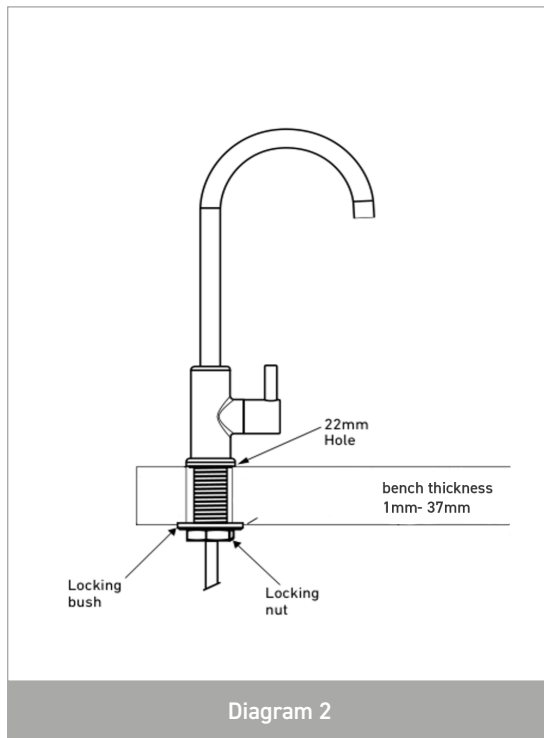
8. Set Chilled Water Temperature

Set the desired water temperature using temperature control knob. Refer to Billi Home C User Guide.

9. Re-check Connections for Leaks

10. Explain Operation to User

Installing the dispenser contd.



Commission Checklist

- ☐ Dispenser mounted securely.
- ☐ Tubing cut to correct lengths and not twisted or kinked.
- ☐ Tubing secured correctly
- ☐ Unit connected to COLD water supply.
- ☐ Water main flushed before connection to unit.
- ☐ Correct air clearances around unit.
- ☐ Power circuit fitted with an RCD earth leakage protection device.
- ☐ Sawdust cleaned out of cupboard area.
- ☐ Unit cooling (after initial fill).
- ☐ Check for sufficient Chilled water flow.



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