

Billi™

Instant Boiling and Chilled
Filtered Drinking Water Systems



Billi drinking water appliances.

Corporate Vision.

“ As a progressive and innovative organisation, Billi is committed to making a meaningful contribution to the betterment of our customers and society, through excellence and high achievement in our people, our products and our purpose. We provide the premium product in design, reliability and desirability, and support this with a world class customer service experience.”



Contents

The Billi story	3
The environment	4
Billi benefits	6
New Dual temp dispenser technology and design options	7
Premium filtration	8
Boiling, chilled and ambient systems	12
Plus systems – boiling and chilled systems plus sink mixer	14
Chilled and ambient systems	16
Specification and guide to model selection	18
Customer service and after sales support	20
Warranty and certifications	22
Installation specifications	23

The Billi story

At Billi, we design and manufacture a range of energy efficient filtered water systems that offer our customers the very best in innovation, superior performance and reliability.

For more than 20 years, we have maintained a commitment to excellence and quality that is second to none. Our award winning Billi filtered water systems are preferred by Australian designers and architects for their elegant styling and space saving design.

The first Billi water system was launched in the early 1990s and was instantly recognised as the premium product of choice because of its high functionality, energy efficiency and space-saving design. From that first product, our range has grown to include a full complement of commercial and domestic systems now available throughout the world.

Today, we continue to innovate. Our designs keep pace with modern building techniques, contemporary interior concepts and changing lifestyle choices. And importantly, all our products continue to incorporate improved eco-technology features.

From design to manufacture, distribution and installation, every Billi water system is created to last. We offer premium after sales assistance and product support, ensuring that our valued relationship with our customers doesn't end at purchase.

Billi is fully Australian-owned and all Billi products are Australian-made.



The environment.

—Billi's environmental focus

There is no need to compromise your lifestyle to reduce your carbon footprint. Billi is renowned for its eco focus, ensuring our sustainable appliances go beyond water and energy saving. We aim for low environmental impact and to enhance the enjoyment of your personal surroundings.

—Environmentally sustainable design principles

A total quality commitment makes a Billi system Australia's first choice in water appliances – sleek looks combined with impressive performance. Every new product is designed to meet Ecologically Sustainable Development (ESD) guidelines too.

—Harvest and reuse energy

Chilling water creates waste heat energy. Billi's patented technology recovers and reuses energy to preheat the boiling water, thereby saving energy. By considering composition and construction of each component to every unit, Billi achieves Australia's lowest carbon footprint. Individual parts are recyclable and bear globally recognised codes.

Effective water and energy saving initiatives help meet Green Building Design (GBD) objectives. Billi filtered water dispensers offer unique power consumption advantages:

- Thermodynamic Heat-exchange technology recovers and reuses heat energy;
- High performance polyethylene insulation holds water temperature and saves energy.
- Stand-by mode conserves power during set non use periods.

—You and your environment

Billi lets you enjoy pure, clean water in domestic or commercial environments without costly environmental impact through:

- the lowest carbon footprint, and
- achieving real water and energy savings.

Billi is committed to:

- Exceed environmental legislation targets and set industry standards.
- Build partnerships with supplies who share our values.
- Consider the impact on future generations in all our business decisions.



Billi benefits.

Energy Saving

—Recovery, recycling and saving

A technological breakthrough in energy efficient appliance design, Billi's unique heat exchange system uses change-of-state technology allowing a large amount of heat to be absorbed and stored. Typically this heat generated during the chilling cycle is wasted to the atmosphere. Billi recovers this waste heat energy to preheat the boiling water enabling our systems to achieve substantial energy savings.

—7 day time-switch

An inbuilt 7 day time switch ensures the system is running only when it is needed, eliminating unnecessary out-of-hours power consumption.

—Stand-by mode

An energy saving stand-by mode can be selected to activate after a preset time of non use. The Billi will power down to conserve power.

—No cupboard ventilation

Water-cooled systems do not require cupboard ventilation or a cooling fan.

* Cupboard ventilation is recommended for air-cooled systems.

—Water-cooled or air-cooled options

Billi are the only manufacturer to offer both water-cooled and air-cooled options. Water-cooled systems are the most energy efficient option and Billi's heat-exchange technology ensures water usage is absolutely minimal. Billi's air-cooled option generates far less heat than traditional air-cooled systems.

Underbench Technology

—Space saving unit size

With a focus on space saving, Billi systems are often less than half the size of comparative products, allowing you to make the most of the available area.

—Automatic boiling water calibration

Because boiling point varies by altitude, Billi systems identify the boiling point during the start up mode and sets the temperature accordingly to ensure your boiling water is close to boiling point as possible.

—Adjustable chilled water temperature

The chilled water temperature can be adjusted between 6°C and 15°C to suit the application.

Safety and User Functionality

—Safety first

The red lock icon demonstrates when the safety switch is activated. Simply press the switch to release the lock and depress or raise the red lever to dispense boiling water. It will revert to safety mode after 8 seconds of non use.

—Tap swivel feature

A unique swivel action allows you to swing the dispenser out of the way if you need more sink space.

—Made in Australia

Billi is fully Australian owned and all Billi products are made in Australia.

New dual-temp dispenser technology and design options



—Levered dispenser option

The levered dispenser is streamlined and elegant. It is simply operated with position-sensitive levers.

—Touch dispenser option

The touch dispenser is an innovative, contemporary tap, with no levers to interfere with the clean, sophisticated style. It has an operation panel on the top of the tap.

—Colour options

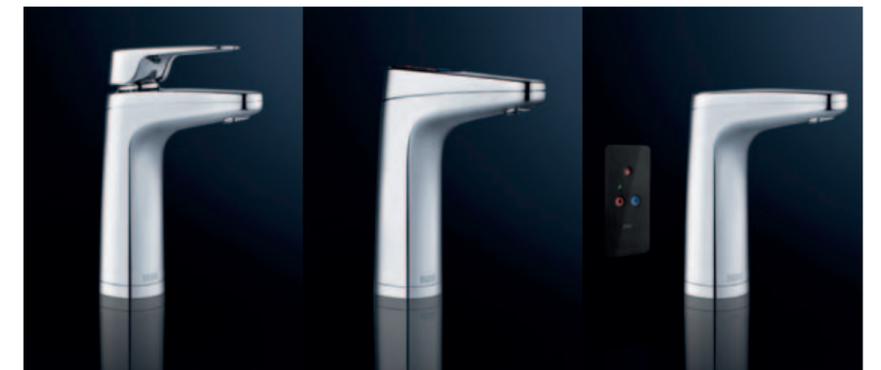
All dispenser options are available in bright chrome, brushed and black.

—Remote dispenser option

The remote option is another version of the lever free tap; however the operation panel is located away from the tap. This can be installed in your desired position to meet design requirements.

—Integrated font option

The new integrated flush mount font is the perfect addition to the new tap creating the ultimate in modern, clean styling.



Premium filtration.



—High-tech filtration system

Billi's premium filters ensure that health threatening pollutants and impurities such as sediment, chemicals, heavy metals, chlorine and pesticides are safely removed leaving you with refreshingly clean drinking water, every time. And for peace of mind, all Billi cartridges are certified by global public safety agency NSF International*.

—Replacement filters

Periodic replacement of filter cartridges is necessary to maintain water quality. Genuine replacement Billi filter cartridges are available online at www.billi.com.au and from your local approved supplier. Cartridges are also available to suit the needs of different water supply areas. Billi recommend using premium sub micron filtration in bad water quality areas.

—Easy change replacement filter

Replacing your filter cartridge is simple. Flashing amber dispenser icons indicate when replacement is due. The swing change filter simply swings forward and slides off. Fitting the new filter is just as easy – simply slide the filter in and swing it back. The cartridge locks into place.

Filter options and product codes

Specifications	Standard		Sub Micron		Premium
Part number	990412	990402	990414	990413	990415
Suitable for:	Quadra, Quadra Plus	Alpine, Compact, Eco, Sahara, Sahara Plus	Quadra, Quadra Plus	Alpine, Compact, Eco, Sahara, Sahara Plus	Alpine, Compact, Eco, Sahara, Sahara Plus
Micron rating	5.0	5.0	0.7	0.7	0.2
Capacity – litres	12,300	8,700	11,750	8,450	8,350
Unit flow rate – lpm	2.5	2.5	2.5	2.5	2.5
Tested to NSF42	Yes	Yes	Yes	Yes	Yes
Tested to NSF53	No	No	Yes	Yes	Yes
Retains fluoride	Yes	Yes	No	No	No

*For further information regarding filters that are tested to NSF standards, please call 1800 812 321.





“ Good design is making something intelligible and memorable.

Great design is making something memorable and meaningful.”

–Dieter Rams

Boiling, chilled and ambient systems.

Instant boiling and chilled filtered water systems

Leading the Billi range, the Eco and Quadra boiling and chilled drinking water systems are space saving, efficient & elegant. The functional style is designed for high use and meets green building design principals – providing you with the ultimate in environmentally sensitive appliances.

Specifications

Product code	Model	Initial cup delivery and suggested no. of persons	Boiling water delivery cups per hour **	Chilled water delivery cups per hour	Total current draw amps	Height mm	Width mm	Depth water-cooled	Depth air-cooled*
901000	Eco	10	90	60	10	340	180	–	500
904010	Quadra Compact	up to 20	100	150	10	340	315	365	410
904020	Quadra 420	up to 25	120	175	10	340	315	465	510
904040	Quadra 440	up to 40	150	175	10	340	315	465	510
904060	Quadra 460	up to 60	180	175	10	340	315	465	510
904100	Quadra 4100	up to 100	250	175	15	340	315	465	510
904180	Quadra 4180	up to 180	350	175	20	340	315	465	510

Instant boiling and ambient filtered water systems

As an option to the boiling and chilled system, the Sahara dispenses a filtered boiling and an unlimited source of ambient filtered water at the touch of a lever.

Specifications

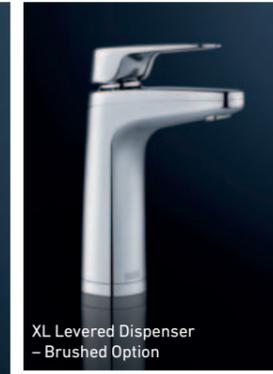
Product code	Model	Initial cup delivery and suggested no. of persons	Boiling water delivery cups per hour **	Ambient water cups per hour	Total current draw amps	Height mm	Width mm	Depth mm
943010	Sahara 310	10	90	unlimited	10	340	180	360
943020	Sahara 320	20	110	unlimited	10	340	180	460
943060	Sahara 360	60	180	unlimited	10	340	180	460
943120	Sahara 3120	120	250	unlimited	15	340	180	460

1 cup = 170ml. ** Based on the initial number of cups of boiling water immediately available, drawn at one cup every 10 seconds. Consideration may be needed for usage patterns and draw-off methods.
*When specifying Billi Quadra air-cooled models, insert AC after model number eg: Quadra 440 AC

Dual temp dispenser options.



XL Levered Dispenser on Font - Chrome.
*Font is an optional accessory.



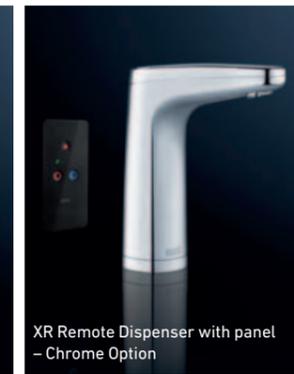
XL Levered Dispenser - Brushed Option



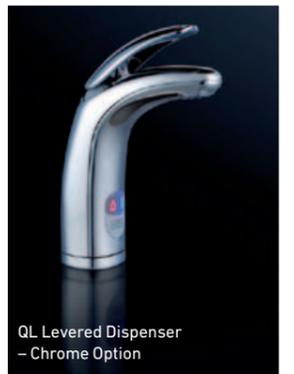
XL Levered Dispenser - Black Option



XT Touch Dispenser - Chrome Option



XR Remote Dispenser with panel - Chrome Option



QL Levered Dispenser - Chrome Option



Plus systems.

Boiling, chilled and ambient systems plus sink mixer tap.

Instant boiling and chilled filtered water system plus sink mixer tap

Enjoy all the benefits of Billi's boiling and chilled system and more. Quadra Plus also features a separate sink mixer tap, complete with its own generous hot water supply allowing it to function as your hot water service as well as providing boiling and chilled drinking water.

Specifications

Product code	Model	50° hot water capacity litres	50° hot water delivery litres per hour **	Boiling water delivery cups per hour	Chilled water delivery cups per hour	Current draw amps	Height mm	Width mm	Depth mm
904025	Quadra Plus 5	7	40	120	175	8	340	315	465
905025	Quadra Plus 5 AC*	7	40	120	175	8	340	315	510
904065	Quadra Plus 9	9	60	180	175	10	340	315	465
905065	Quadra Plus 9 AC*	9	60	180	175	10	340	315	510
904105	Quadra Plus 15	15	85	250	175	15	340	315	465
905105	Quadra Plus 15 AC*	15	85	250	175	15	340	315	510

Instant boiling and ambient filtered water systems plus sink mixer tap

An alternative to the Quadra Plus, Billi's Sahara Plus dispenses boiling and ambient filtered water and supplies a separate sink mixer. With its under sink boiling water reserve, Sahara Plus is ideal for kitchens, lunchrooms or breakout areas.

Specifications

Product code	Model	50° hot water capacity litres	50° hot water delivery litres per hour**	Boiling water delivery cups per hour**	Ambient water cups per hour	Current draw amps	Heating element kW	Height mm	Width mm	Depth mm
943025	Sahara Plus 320	7	25	100	unlimited	10	1.65	340	170	450
943065	Sahara Plus 360	9	40	180	unlimited	10	2.20	340	170	450
943125	Sahara Plus 3120	15	65	250	unlimited	15	3.40	340	170	450

1 cup = 170ml. ** Based on the initial number of cups of boiling water immediately available, drawn at one cup every 10 seconds. Consideration may be needed for usage patterns and draw-off methods.
*When specifying Billi Quadra air-cooled models, insert AC after model number eg: Quadra 440 AC
** A reserve of boiling water is still available after hot water is fully drawn. Depth of Quadra Plus air-cooled models is 510mm.



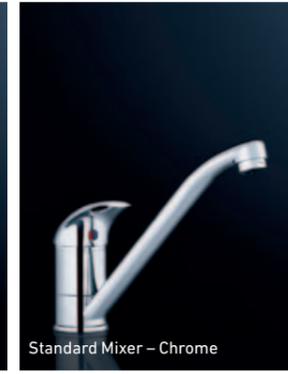
Dual temp dispenser and mixer tap options.



XL Levered Dispenser and Standard Mixer – Chrome



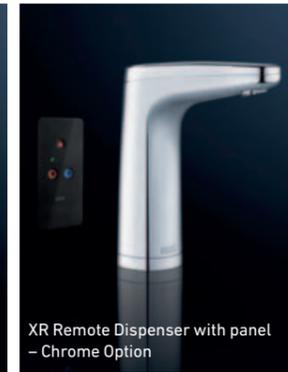
Gooseneck Mixer – Chrome Option



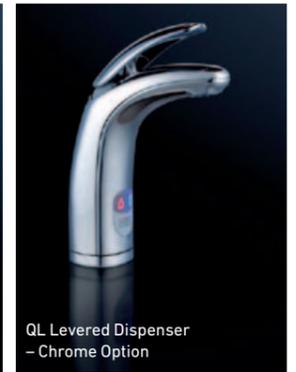
Standard Mixer – Chrome



XT Touch dispenser – Chrome Option



XR Remote Dispenser with panel – Chrome Option



QL Levered Dispenser – Chrome Option



Chilled and ambient systems.

Instant chilled filtered water systems
 Never run out of chilled filtered water with the Billi Alpine system. Providing a constant stream of fresh filtered chilled water the Billi Alpine offers easy installation, low power consumption with premium filtration and a choice of dispensers.

Specifications

Product code	Model	Dispenser type	Initial cup delivery and suggested no. of persons	Chilled water delivery cups per hour	Current draw amps	Height mm	Width mm	Depth mm
932060	Alpine 060	Round Slimline	12	60	10	340	180	460
932120	Alpine 120	Round Slimline	20	120	10	340	180	460
932125	Alpine 125	Dual-Temp	20	120	10	340	180	460

Instant ambient filtered water system
 Install a sink mounted Billi filter tap for great tasting water at a fraction of the cost of bottled water. Using almost no space under the sink, the Filter Tap removes undesirable taste, odours & sediments leaving you with sparkling clean filtered water.

Specifications

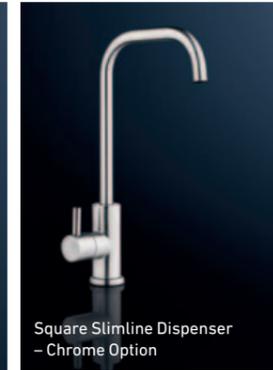
Product code	Model	Dispenser type	Ambient water cups per hour	Height mm	Width mm	Depth mm
932210	Filter Tap	Round Slimline	unlimited	320	130	130

1 cup = 170ml. **Based on initial number of cups chilled water immediately available, drawn at 1 cup every 10 seconds. Consideration may be needed for usage patterns and draw off methods

Slimline dispenser options.



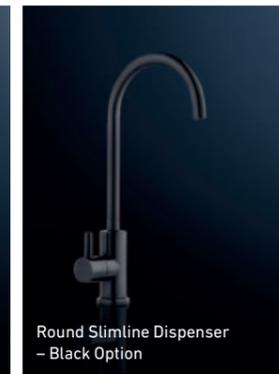
Round Slimline Dispenser on Font – Chrome
 *Font is an optional accessory



Square Slimline Dispenser – Chrome Option



Round Slimline Dispenser – Brushed Option



Round Slimline Dispenser – Black Option



Specification and guide to model selection.



Step 1	Step 2	Step 3									
Select your combination: Decide which output option you would like.	Select your capacity: Confirm how many people each system is going to service.	Select your model: Select the model based on the number of people it is going to service.									
System combinations	Initial cup delivery & suggested no. of persons	Product Code	Model Name	Boiling delivery cups / hr	Chilled delivery cups / hr	Unlimited Ambient	50°C hot water delivery litres / hr	Heating Element kW	Height mm	Width mm	Depth mm
Boiling & Chilled	10	901000	Eco	90	60	Yes	-	1.5	340	180	500
	20	904010	Quadra Compact	100	150	Yes	-	1.5	340	315	365
	25	904020	Quadra 420	120	175	Yes	-	1.5	340	315	465
	40	904040	Quadra 440	150	175	Yes	-	1.7	340	315	465
	60	904060	Quadra 460	180	175	Yes	-	2.2	340	315	465
	100	904100	Quadra 4100	250	175	Yes	-	3.4	340	315	465
	180	904180	Quadra 4180	350	175	Yes	-	4.4	340	315	465
Boiling & Chilled plus Mixer Tap	25	904025	Quadra Plus 5	120	175	Yes	40	1.5	340	315	465
	60	904065	Quadra Plus 9	180	175	Yes	60	2.2	340	315	465
	100	904105	Quadra Plus 15	250	175	Yes	85	3.4	340	315	465
Boiling & Ambient plus Mixer Tap	20	943025	Sahara Plus 320	100	-	Yes	40	1.6	340	180	460
	60	943065	Sahara Plus 360	180	-	Yes	60	2.2	340	180	460
	120	943125	Sahara Plus 3120	250	-	Yes	85	3.3	340	180	460
Boiling & Ambient	10	943010	Sahara 310	90	-	Yes	-	1.5	340	180	360
	20	943020	Sahara 320	110	-	Yes	-	1.6	340	180	460
	60	943060	Sahara 360	180	-	Yes	-	2.2	340	180	460
	120	943120	Sahara 3120	250	-	Yes	-	3.3	340	180	460
Chilled	12	932060	Alpine 060	-	60	Yes	-	-	340	180	460
	20	932120	Alpine 120	-	120	Yes	-	-	340	180	460
Chilled & Ambient	20	932125	Alpine 125	-	120	Yes	-	-	340	180	460
Ambient	Unlimited	932210	Filter Tap	-	-	Yes	-	-	320	120	120

“ I believe the single most important thing about specifying boiling and chilled water systems is the initial delivery. How many staff are accessing this? That number of personnel should equal the initial delivery capacity.”

Step 4 – optional

Select your dispenser & finish:

If you require a dispenser other than the standard XL levered tap, select the item from part numbers below.

Product Code	Model Name	To suit
992010	XL Levered Dispenser – Chrome: 992011 – Brushed option / 992012 – Black option	Eco, Quadra, Sahara, Plus Systems, Alpine 125
992020	XT Touch Dispenser – Chrome: 992021 – Brushed option / 992022 – Black option	Eco, Quadra, Sahara, Plus Systems, Alpine 125
992030	XR Remote Dispenser with Panel – Chrome: 992031 – Brushed option / 992032 – Black option	Eco, Quadra, Sahara, Plus Systems, Alpine 125
992040	XR Dispenser Remote with Font: 992041 – Brushed option / 992042 – Black option	Eco, Quadra, Sahara, Plus Systems, Alpine 125
992060	QL Quadra Levered Dispenser – Chrome	Eco, Quadra, Sahara, Plus Systems, Alpine 125
992120	Gooseneck Mixer Option	Plus Systems
992130	Round slimline tap option – Chrome: 992131 – Brushed option / 992132 – Black option	Alpine 060 & 120, Filter Tap
992141	Square slimline tap Option – Chrome: 992141 – Brushed option / 992142 – Black option	Alpine 060 & 120, Filter Tap

Step 5 – optional

Select your accessories:

If you require any accessories, select the item from part numbers below.

Product Code	Model Name	To suit
992800	XI Font incl dispenser riser – Chrome: 992801 – Brushed option / 992802 – Black option	Eco, Quadra, Sahara, Plus Systems, Alpine 125
992810	XI Slimline Font – Chrome: 992811 Brushed option / 992812 Black option	Eco, Quadra, Sahara, Plus Systems, Alpine 125
992820	XI Dispenser riser – Chrome: 992821 – Brushed option / 992822 – Black option	Eco, Quadra, Sahara, Plus Systems, Alpine 125
990710	QL Font incl dispenser riser – Chrome	Eco, Quadra, Sahara, Plus Systems, Alpine 125
990711	Dispenser riser – Chrome	Eco, Quadra, Sahara, Plus Systems, Alpine 125
990714	Tubing Extension Kit 1.8m	Plus systems
990720	Tubing Extension Kit 2.0m	Eco, Quadra, Sahara, Plus Systems, Alpine 125
990724	Tubing Extension Kit 2.0m	Alpine 060 & 120, Filter Tap
100950	Ventilation Grille	Air-cooled systems

Customer service and after sales support.

—Commitment to service

Customer service is a priority to Billi and our service division has a large network of trained service staff, covering all areas of Australia and New Zealand.

—Extended warranty

Extended warranty, maintenance and filter contracts are available. For further information call Billi's national service centre on 1800 812 321.

—Service friendly

'Ease of service' was an important consideration in Billi's design brief. Items which require periodic servicing are easily accessed without the need to remove the unit from the cupboard.



What our customers say...

“ The service we have received from Billi has always been outstanding, with quick responses to queries around specification and installation detail. ”

– Specifier

“ Please pass my compliments to your customer service team who have always assisted in a professional and friendly manner. ”

– Consultant

“ He went out of his way to help, nothing was too much trouble... you just don't get service like that anymore! ”

– Consumer

“ I am writing to thank you for the efficient, reliable service and support the Billi team has provided over the years. ”

– Facilities Manager

Warranty and certifications.

—Standard warranty

All components of the systems are covered by a 24-month warranty. Filter cartridges are a consumable and are not covered by warranty, as water conditions and usage vary.

—Commitment to quality

A strong commitment to quality is as important to Billi as style, function and innovation. Recognising the importance of reliability to customers, all Billi water systems are manufactured to strict quality standards and built to last. Every system is designed to provide the highest possible standards of efficiency and energy savings.



—Certifications

Every Billi drinking water appliance is manufactured under a certified quality control system. They have been tested and comply with all required standards. Billi Eco, Quadra, Quadra Plus, Sahara and Sahara Plus systems are tested to and comply with; Watermark License Number 21525; AS3498; AS/NZS 4020. Billi Alpine and Filter Tap systems are tested to and comply with; Watermark License Number 21881; ATS 5200:105:2005. All Billi systems are also tested to: Victorian Electrical Safety Act 1998 Approval Number CS100600V; AS/NZS ISO 9002; AS1428 Accessibility Design Requirements; Certificate Number QEC11627; CTick approved.



Installation specifications.

—Easy installation

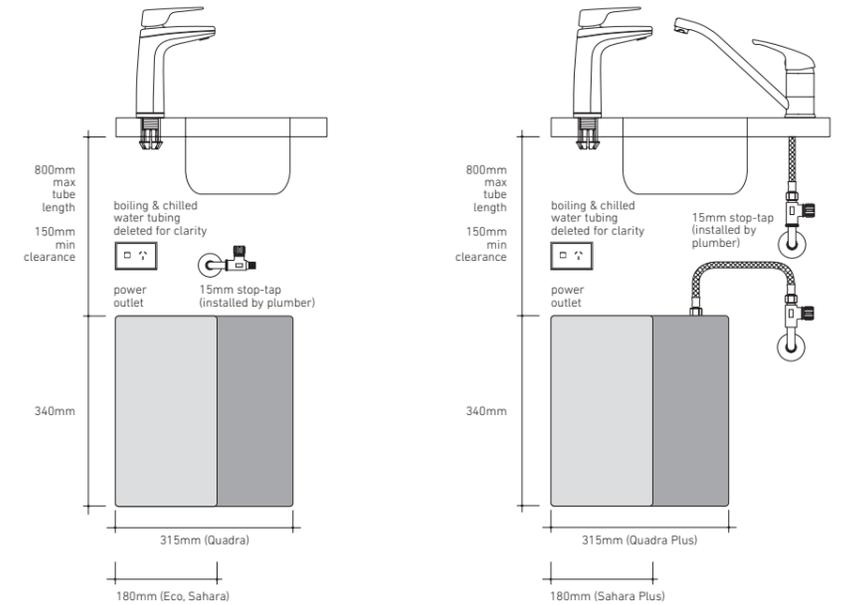
The dual temp dispenser feature a unique top mounting system, making it simple to install. There is no need to reach up behind sink bowls to secure clamps or tubes – the 'snap-fit' base is secured into the mounting hole, pipework is fed through from the top and the dispenser securely clips into place. The slimline dispenser installation is just as simple. Colour coded flexible tubing and easy connect fittings ensure a rapid and trouble-free install.

—Water supply

A single 15mm (1/2") stop-tap with a male thread should be installed in an easily accessible position. The water supply must be microbologically safe to drink, with a minimum dynamic water pressure of 250kPa.

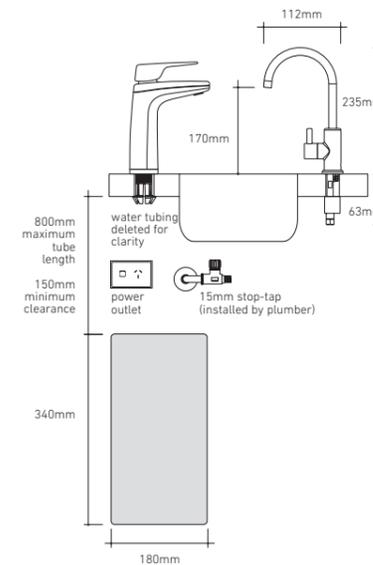
—Power supply

All Billi systems require a standard 10 amp power supply with the exception of the Quadra 4100, Quadra Plus 15, Sahara 3120 and Sahara Plus 3120 which require a 15 amp and the Quadra 4180 which requires a 20amp power supply. Each unit is supplied with a 1 metre flex cord and plug. Filter Tap systems do not require a power supply.

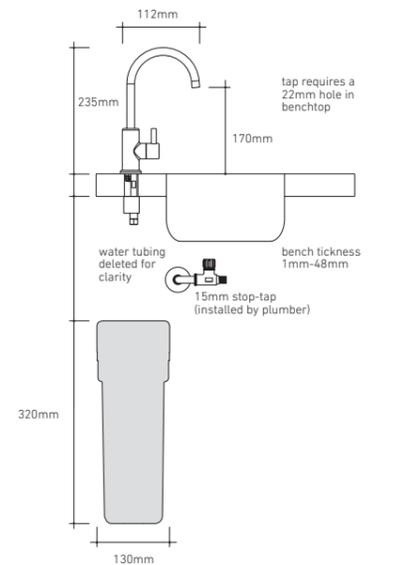


Preferred Eco, Quadra & Sahara installation layout

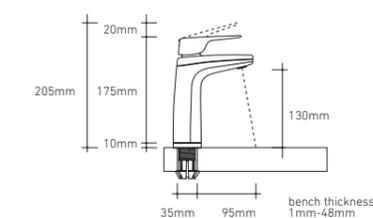
Preferred Quadra Plus & Sahara Plus installation layout



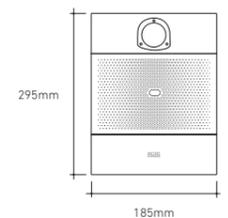
Preferred Alpine installation layout



Preferred Filter Tap installation layout



XL Levered tap dimensions



Font dimensions



Billi Pty Ltd
42 Lucknow Crescent, Thomastown
Victoria 3074 Australia

Telephone +61 3 9469 0400
Facsimile +61 3 9469 0499

www.billi.com.au

Designed and manufactured in Australia.

As Billi Pty Ltd has a policy of continual improvement, all details are subject to change without notice. All goods are sold subject to our published terms and conditions. Billi is a registered trademark. 0412