



Rapid Over Bench Boil Units



Express Under Bench Boil Units



Arctic Under Bench Chillers



Fusion Under Bench Boil & Chill Units

Automatic Boiling & Chilled Water
for commercial and domestic kitchens

Contents

Rapid Over Bench

Boil Units

EB Series P.4



Express Under Bench

Boil Units

EBE Series P.6



Arctic Under Bench

Chillers

EC Series P.8



Fusion Under Bench

Boil & Chill Units

EBC Series P.10



Duo Under Bench

Boil & Hot Units

EBD Series P.12



Trio Under Bench

Boil, Hot & Chill Units

EBT Series P.14



A genuine eco-friendly solution

Key to our design brief was the intention to create products that benefit our environment.

Power Saving

Our boil units have been designed to provide instant boiling water efficiently, yet using less than 1kW per 24 hours, when not active. Using the natural resource of water pressure combined with an accurate flow restrictor, our units don't require sensors, solenoids or complex electronics and therefore consume less energy.

Cost saving

Ecoboil products are created with efficiency in mind. Our concise design is efficient to manufacture, easy to install and simple to service, saving you considerable cost over the lifetime of our products.

Long life

The use of quality materials means the anticipated life cycle of our boiling units is more than 10 years,* making the Ecoboil products better for your business and safer for the environment.

100% Recyclable

All materials and components in Ecoboil boiling units are 100% recyclable, our avoidance of complicated electronics reduces the effect on landfill pollution.

NZ Designed & Manufactured

Ecoboil boil units are designed and manufactured locally, making them good for New Zealand with a smaller carbon footprint.

* Refers to the anticipated life of the storage tank and case when the water supply is filtered and protected from hard water, does not include OEM parts and excludes servicing.



Rapid Over Bench Boil Units - EB Series

Automatic Over Bench Boiling Water

We have created a product that is simple, easy to install and service, with a size option to suit every environment.

Economic to run and competitively priced, our Rapid units are designed and manufactured here in New Zealand. The Rapid range comes in a selection of six sizes catering for 12 to 125 people.

PRODUCT BENEFITS:

- > We design and manufacture locally, using materials that best suit our local water conditions.
- > Our unique inlet system with flow restrictor ensures instant boiling water.
- > The Rapid units are easy to install and simple to service so they don't require specialist technicians.



Rapid EB 5.0 L



Rapid EB 7.5 L

Rapid 2.5 Litre

The Rapid 2.5 Litre is recommended for kitchens catering up to 12 people at any given time. Suitable for smaller offices, shops or factories.

Rapid 10.0 Litre

The Rapid 10.0 litre is recommended for kitchens catering up to 50 people. Suitable for large environments or where regular gatherings are held.

Rapid 5.0 Litre

The Rapid 5.0 litre is recommended for kitchens catering up to 25 people at any given time. Suitable for small to medium offices, shops or factories.

Rapid 15.0 Litre

The Rapid 15.0 litre is recommended for kitchens catering up to 75 people in extra large environments or where regular larger gatherings are held.

Rapid 7.5 Litre

The Rapid 7.5 litre is recommended for kitchens catering up to 36 people in higher volume commercial environments.

Rapid 25.0 Litre

The Rapid 25.0 litre is recommended for kitchens catering up to 125 people when catering for high volumes of staff or big gatherings of people.

INSTALLATION

Installation is straightforward, with instructions included.
Requires 1x standard 230/240V AC 3-Pin Power Socket.

OPTIONAL EXTRAS:

- > PFKNT 10 1/2 - 10" Under Bench Water Filter Kit
- > EB 809 Heavy Duty Digital Power Timer

HOW TO SELECT: Determine how many cups of boiling water will be required at one time, then choose the product code of the model required from the product summaries and chart below.

PRODUCT CODE	QTY OF CUPS	LITRES CAPACITY	CUPS/HOUR RECOVERY	RATING kW	POWER SUPPLY REQUIREMENTS	DIMENSIONS mm
EB 2.5	12	2.5	120	2.4	1 x 3-pin power socket	360H 340W 165D
EB 2.5 SS*	12	2.5	120	2.4	1 x 3-pin power socket	360H 340W 165D
EB 5.0	25	5.0	120	2.4	1 x 3-pin power socket	440H 340W 165D
EB 5.0 SS*	25	5.0	120	2.4	1 x 3-pin power socket	440H 340W 165D
EB 7.5	36	7.5	120	2.4	1 x 3-pin power socket	465H 375W 177D
EB 7.5 SS*	36	7.5	120	2.4	1 x 3-pin power socket	465H 375W 177D
EB 10.0	50	10.0	120	2.4	1 x 3-pin power socket	530H 375W 177D
EB 10.0 SS*	50	10.0	120	2.4	1 x 3-pin power socket	530H 375W 177D
EB 15.0	75	15.0	120	2.4	1 x 3-pin power socket	535H 380W 250D
EB 25.0	125	25.0	120	2.4	1 x 3-pin power socket	710H 380W 250D

* Refers to stainless steel models



Rapid design

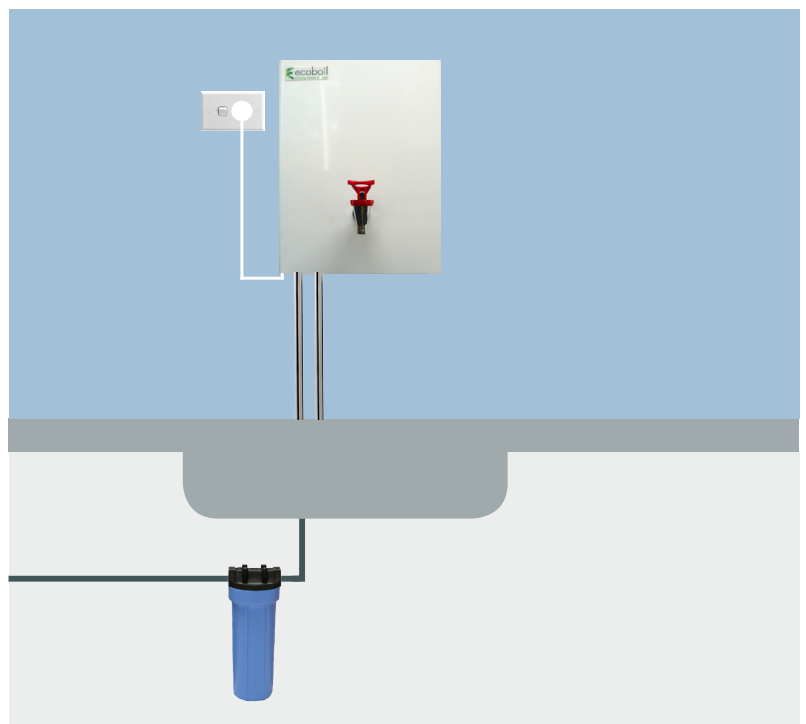
Our Rapid design has only one moving part and a single electronic component. This simplicity of design delivers a reliable source of boiling water instantly.

Boiling Unit

A fully automatic supply of boiling water, easy to install and simple to maintain. Delivers water close to boiling point using an accurate computerised element.

Filter

Add a filter kit to extend the service period for this product and we will include a free water test to ensure the correct filter cartridge is supplied with your unit.



WARRANTY

Our warranty starts from the date of purchase; 5 years on the storage body, 1 year for parts and labour.

HOT TIP: When installing an Ecoboil Rapid you can use your own qualified plumber or contact us for a recommendation. Our units are quick and easy to install and don't require a specialist technician.

Express Under Bench Boil Units - EBE Series

Automatic Under Bench Boiling Water

The Express Under Bench Boil Units provide instant boiling water at the turn of a lever. Simple to install and economical to run, the Express can be configured as a boil only or in combination with chilled or ambient water supplies.

Our units use the natural resource of water pressure and the simplicity of a flow restrictor to supply boiling water when you want it. There are no moving parts inside the unit, creating a long lasting product needing minimal maintenance.

PRODUCT BENEFITS:

- > Fully automatic, delivers boiling water instantly
- > Plumbed in under the sink out of sight
- > Includes a smooth action 1/2 turn lever tap with all the necessary fittings supplied
- > Superior levels of insulation have boosted the power efficiency of the Express Units



PRODUCT DESCRIPTION:

- > A single hot water storage tank, is housed within an insulated rectangular cabinet positioned under the sink
- > Storage temperature is maintained at 95°C by a powerful and accurate 10 amp computerised element
- > An expansion chamber and flow restrictor combine to supply boiling water instantly and efficiently
- > The vented push through tap is designed to deliver boiling water from the first drop
- > Both the Express Tap and Boiling Unit are made in NZ

WHAT'S IN THE BOX:

- 1 x EBE Express Boiling Unit
- 1 x EBE O1 Express Boiling Tap
- 1 x EB FM 350 kPa PLV
- 1 x EB 316 Brass Fitting Kit for PLV
- 1 x Boiling Water Warning label



OPTIONAL EXTRAS:

- > UBFKI 10B - 10" Under Bench Water Filter Kit
- > EB 809 Heavy Duty Power Timer or
- > EB 801 Intelliswitch LCD Programmable Power Timer

INSTALLATION

Installation can be completed by a plumber, with instructions included. Requires 1 x standard 230/240V AC 3-Pin Power Socket.

HOW TO SELECT: Determine how many cups of boiling water will be required at one time, then choose the product code of the model required from the product summaries and chart below. **If you require a larger volume of boiling water refer to page 12.**

PRODUCT CODE	QTY OF CUPS	LITRES CAPACITY	CUPS/HOUR RECOVERY	RATING kW	POWER SUPPLY REQUIREMENTS	DIMENSIONS mm
EBE 10	10	1.25	90	1.8	1 x 3-pin power socket	450H 150W 150D
EBE 20	20	2.5	120	2.4	1 x 3-pin power socket	340H 248W 305D
EBE 40	40	5.0	120	2.4	1 x 3-pin power socket	480H 248W 305D

Please note: Quantity of cups is based upon pouring 200ml cups without interruption



Express Boil Tap

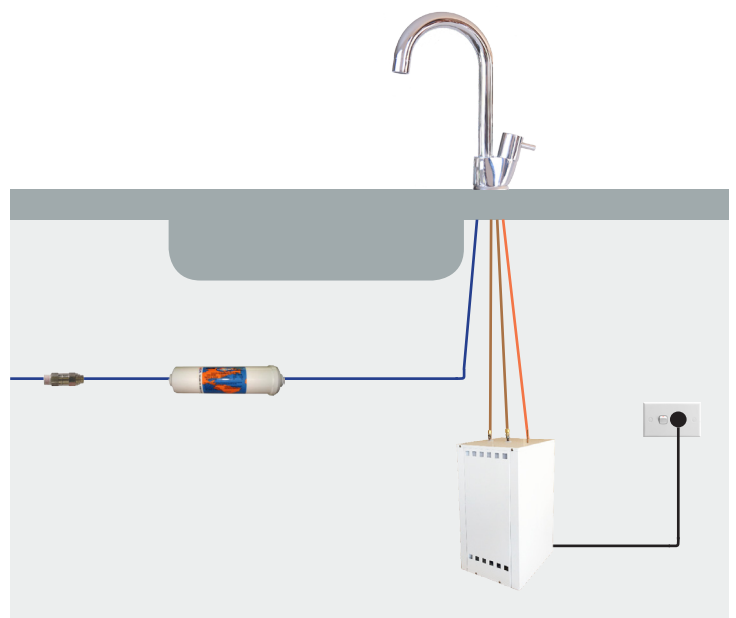
Our new Express tap pairs with our Under Bench boiling water units. It's Watermark certified and made from quality DZR brass ensuring a healthy supply of water.

Boiling Unit

Our units have no moving parts, instead we utilise water pressure with a venturi to deliver a reliable source of boiling water.

Filter

Add an Ecoboil filter kit to extend the service period for this product and we will include a free water test to ensure the correct filter cartridge is supplied with your unit.



HOT TIP: When installing an Ecoboil Over Bench you can use your own qualified plumber or contact us for a recommendation. Our units are quick and easy to install and don't require a specialist technician.

Arctic Under Bench Chilled Water - EC Series

Automatic Under Bench Chilled Water

Our Arctic Water Chillers provide a constant source of pure chilled water. These units can be installed individually or paired with our Express or Duo boiling units.

Using the existing water supply is the most cost effective way of supplying pure chilled water, these efficient designs have a long service life and require little maintenance making them an excellent choice for plumbed in chilled water.

PRODUCT BENEFITS:

- > A cost effective supply of pure chilled water, each unit comes with a water filter kit
- > Quality components ensure reliable performance and quiet operation
- > Our units are simple to install and we provide all the necessary high quality fittings for a seamless connection



PRODUCT DESCRIPTION:

- > Our compact refrigeration units are plumbed in under the bench, out of sight
- > Constant chilled water is dispensed through a high quality sinktop tap

SPECIFICATIONS: EC 30

Gas filled:	13kg
Compressor:	Hermetically sealed, automatic overload.
Condenser:	Dual fan assisted
Refrigeration:	R134 a gas charge
Insulation:	Moulded polystyrene
Case:	Durable Galvabond
Temperature control:	Adjustable factory-preset thermostat

NB:

This unit requires ventilation when installing in a confined space such as an Under Bench cupboard

WHAT'S IN THE BOX:

- 1 x EC 30 Chiller Unit
- 1 x EB FMPNZ 350 kPa PLV
- 2 x EB 400 John Guest Straight Connectors
- 1 x UBFKI 10C - 10" Water Filter Kit
(Includes tap)



EC 30:

Recommended for kitchens catering up to 30 people at any given time. Suitable for small to medium sized offices, shops or businesses.

OPTIONAL EXTRAS:

- > EB 809 Heavy Duty Digital Power Timer or
- > EB 801 Intelliswitch LCD Programmable Power Timer

PRODUCT CODE	QTY OF CUPS	CHILLED CAPACITY LITRES/HOUR	POWER/VOLTS	RATING Hp	POWER SUPPLY REQUIREMENTS	DIMENSIONS mm
EC 30	30	6.0	240, 50Hz	1/12 hp	1 x 3-pin power socket	290H 210W 410D

Please note: Quantity of cups is based upon pouring 200ml cups without interruption



Arctic Chiller

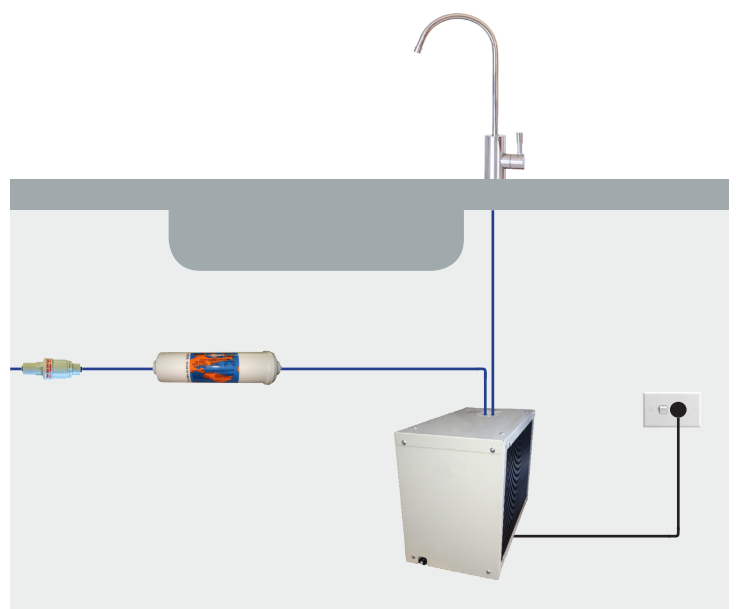
Our EC 30 delivers 30 continuous cups of pure chilled water. These efficient designs are compact for use Under Bench and quiet in operation.

Arctic Tap

This premium quality chiller tap has no plastic parts, perfect for high use environments. Made with high quality ceramic discs and DZR brass, finished with high density chrome plating.

Filter

We include a filter kit with every unit to ensure the most pure and great tasting water supply. Adding a filter extends the service period and the life of the unit.



HOT TIP: We offer an optional water test with the purchase of these units to ensure the correct water filter cartridge is supplied for your location.

Fusion Under Bench Boil & Chill Units - EBC Series

Automatic Under Bench Boiling & Chilled Water

For the perfect combination of boiling and chilled water delivered through a twin lever tap. These units can be custom configured according to the varying needs of each location.

PRODUCT BENEFITS:

- > Boiling and chilled water modules located out of sight under the sink
- > Unique push-through design with expansion chamber and venturi ensures a simple, efficient supply of boiling water
- > A choice of two sizes, for a quiet and reliable source of pure chilled water

PRODUCT DESCRIPTION:

- > Separate boil and chill units designed to pair together and dispense through a dual function tap.
- > Solid 1.5 kg, vented chrome plated brass Twin Lever Tap, built to last with smooth and positive ceramic lever operation.



WHAT'S IN EACH BOX:

BOX 1

- 1 x EBE Boiling Unit
- 1 x EB WP30 Boil/Chill Tap
- 1 x EB FM 350 kPa PLV
- 1 x EB 316 Brass fitting kit for PLV
- 1 x Boiling Water Warning label

BOX 2

- 1 x EC 30 Chiller Unit
- 2 x EB 400 John Guest Straight Connectors
- 1 x EB 500 John Guest 1/4" line
- 1 x UBFKI 10B - 10" Water Filter Kit

EBC 10/30

Recommended for kitchens catering up to 10 cups of boiling and 30 cups of chilled water at any given time. Suitable for small offices or domestic homes.

EBC 20/30

Recommended for kitchens catering up to 20 cups of boiling and 30 cups of chilled water at any given time. Suitable for small to medium sized offices or homes.

EBC 40/30

For kitchens catering up to 40 cups of boiling and 30 cups of chilled water at any given time. Ideal for locations requiring more boiling but less chilled water.

OPTIONAL EXTRAS:

- > EB 809 Heavy Duty Digital Power Timer or
- > EB 801 Intelliswitch LCD Programmable Power Timer

HOW TO SELECT: Determine how many cups of boiled and chilled water will be required at one time, then choose the product code of the combined boil/chill units required from the product summaries and chart below.

PRODUCT CODE	QTY OF CUPS (BOILING) INITIAL	QTY OF CUPS (CHILLED) INITIAL	CUPS/HOUR RECOVERY BOILING	RATING kW (BOILER)	POWER REQUIREMENT
EBC 10/30	10	30	90	1.8	2 x 3-pin power sockets
EBC 20/30	20	30	120	2.4	2 x 3-pin power sockets
EBC 40/30	40	30	120	2.4	2 x 3-pin power sockets

DIMENSIONS FOR WATER BOILER UNITS (mm):

For 10 cup module: 450H 150W 150D
For 20 cup module: 340H 248W 305D
For 40 cup module: 480H 248W 305D

DIMENSIONS FOR WATER CHILLER UNIT (mm):

For 30 cup module: 290H 210W 410D

Please note: Quantity of cups is based upon pouring 200ml cups without interruption



Twin Lever Tap

The Twin Lever Tap dispenses both boiling and chilled water from the same tap. This vented push through mechanism requires no pumps, switches or solenoids.

Boiling Unit

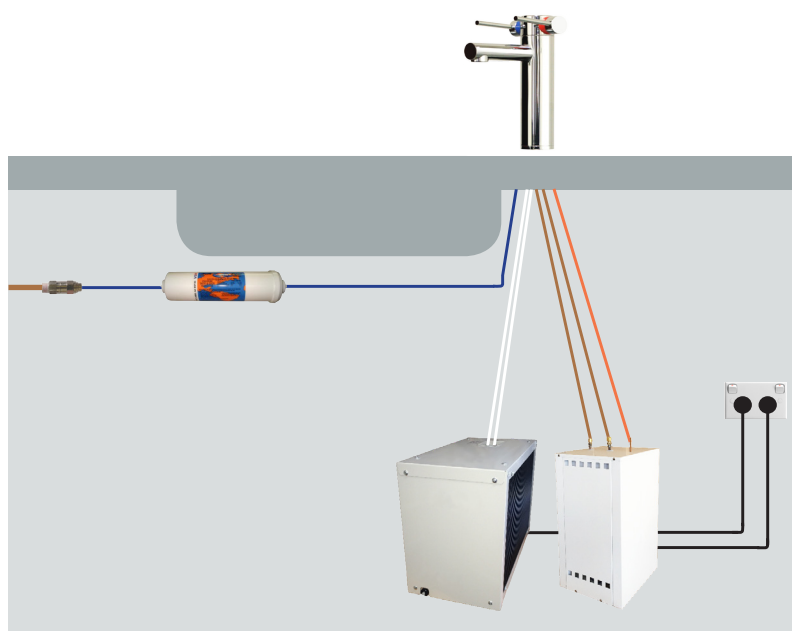
Our units have no moving parts, instead we utilise water pressure with a venturi to deliver a reliable source of boiling water.

Chiller Unit

Our EC 30 delivers 30 continuous cups of pure chilled water. These efficient designs are compact for use Under Bench and quiet in operation.

Filter

We include a filter kit with every Fusion unit to ensure the most pure and great tasting water supply. Adding a filter extends the service period and the life of the unit.



HOT TIP: When installing an Ecoboil Fusion you can use your own qualified plumber or contact us for a recommendation. Our units are quick and easy to install and don't require a specialist technician.

Duo Under Bench Boil & Hot Units - EBD Series

Automatic Under Bench Boiling & Hot Water

Our Duo Under Bench Boiling & Hot units produce both boiling and hot water, supplied from a single unit, saving space under the bench.

Boiling water is dispensed through the Express tap supplied with the unit, while the hot water connects to the existing mixer tap. These units are ideal for kitchens that don't have access to a hot water supply.

PRODUCT BENEFITS:

- > Delivers boiling and hot water instantly
- > The hot water capacity is a generous 12 or 20 litres per hour
- > Installed under the sink out of sight
- > Includes a smooth action 1/2 turn lever Express tap
- > Simple to install and service



PRODUCT DESCRIPTION:

- > Single hot water storage tank, housed within an insulated rectangular cabinet installed under the sink
- > An expansion chamber and flow restrictor combine to supply boiling water instantly and efficiently
- > Storage temperature is maintained at 95°C by a powerful and accurate 10 amp computerised element
- > Hot water is produced through mixing both boiling and cold water and can be temperature adjusted between 50° and 65° Celsius.
- > Both the Express Tap and Boiling Unit are made in NZ

WHAT'S IN THE BOX:

- 1 x EBD Boil/Hot Water Unit
- 1 x EBE 01 Express Tap
- 1 x EB FM 350 kPa PLV
- 1 x EB 316 Brass fitting kit for PLV
- 1 x Boiling Water Warning label



REQUIRES:

- 1 x EB 260 Valve Kit for Boil/Hot units, includes all brass adaptors

NB: Option to choose our valve kit or configure and purchase separately

OPTIONAL EXTRAS:

- > UBFKI 10B - 10" Under Bench Water Filter Kit
- > EB 809 Heavy Duty Digital Power Timer or
- > EB 801 Intelliswitch LCD Programmable Power Timer

EBD 40/12 - 5.0L unit:

Recommended for kitchens catering up to 40 people at any given time. Produces 12 litres of hot water per hour. Suitable for small to medium sized offices, shops or factories.

EBD 80/20 - 10.0L unit:

Recommended for kitchens catering up to 80 people at any given time. Produces 20 litres of hot water per hour. Suitable in larger offices, shops or factories.

HOW TO SELECT: Determine how many cups of boiling and hot water will be required at one time, then choose the product code of the model required from the product summaries and chart below.

PRODUCT CODE	QTY OF CUPS (BOILING)	LITRES CAPACITY (BOILING)	CUPS/ HOUR RECOVERY	LITRES OF HOT WATER 55°C P/HR	RATING kW	POWER SUPPLY REQUIREMENTS	DIMENSIONS mm
EBD 40/12	40	5.0	120	12	2.4	1 x 3-pin power socket	480H 248W 305D
EBD 80/20	80	10.0	120	20	2.4	1 x 3-pin power socket	635H 300W 300D

Please note: Quantity of cups is based upon pouring 200ml cups without interruption



Express Boil Tap

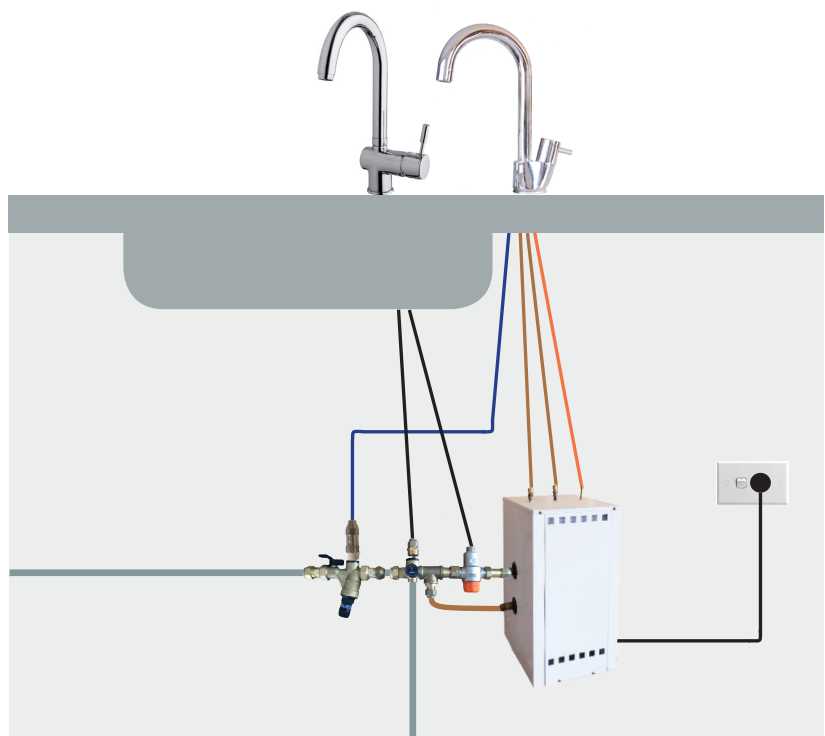
Our new Express tap pairs with our Duo Boil/Hot water units. It's Watermark certified and made from quality DZR brass ensuring a healthy supply of water.

Boil/Hot Unit

Our Duo units have no moving parts, instead we utilise water pressure with a venturi to deliver a reliable source of boiling water. The Duo offers the added bonus of a hot water supply connected through the existing mixer tap.

Valve Kit

To utilise the hot water function this unit requires a specific valve kit. You can choose to purchase our ready made kits or configure your own. Our kits include every necessary connector required for a hassle free configuration.



HOT TIP: When installing an Ecoboil Duo you can use your own qualified plumber or contact us for a recommendation. Our units are quick and easy to install and don't require a specialist technician.

Trio Under Bench Boiling, Hot & Chilled Water - EBT Series

Automatic Under Bench Boiling, Hot & Chilled Water

The ultimate combination of boiling, hot and chilled water delivered through the twin lever Fusion tap and the existing mixer.

PRODUCT BENEFITS:

- > Boil/Hot and Chilled water units located out of sight under the bench
- > Unique push-through design with expansion chamber and venturi ensures safe and efficient delivery of boiling water with no solenoids, pumps or electronics
- > Boil/Chill Tap has been designed with the operating levers to be well above the level of the boiling water outlet for safe delivery of boiling water.



PRODUCT DESCRIPTION:

- > Solid 1.5 kg fully vented chrome plated brass Fusion Boil/Chill Tap - built to last with smooth and positive ceramic lever operation. Boiling and chilled water lines are separately positioned within the spout
- > Hot water is produced through mixing both boiling and cold water, the temperature can be adjusted between 50° and 65° Celsius.
- > Constant chilled water plumbed in under the bench.

WHAT'S IN EACH BOX:

BOX 1:

- 1 x EC 30 Under Bench Chiller Unit
- 2 x EB 400 John Guest Straight Connectors

BOX 2:

- 1 x EBE Under Bench Boiler Unit
- 1 x EB WP30 Fusion Boil/Chill Tap
- 1 x EB FM 350 kPa PLV
- 1 x EB 316 Brass fitting kit for PLV
- 1 x UBFKI 10B - 10" Water Filter Kit
- 1 x Boiling Water Warning label

REQUIRED:

- 1 x EB 260 Valve Kit, includes all brass adaptors

NB: Option to choose our valve kit or configure and purchase separately

EBT 40/12/30

For kitchens catering up to 40 cups of boiling, 12 litres of hot and 30 cups of chilled water at any given time. Suits small to medium sized offices, shops or factories.

EBT 80/20/30

Recommended for kitchens catering up to 80 cups of boiling, 20 litres of hot & 30 cups of chilled water at any given time. Ideal for medium sized environments.

HOW TO SELECT: Determine how many cups of boiling and chilled water will be required at one time, then choose the product code of the model required from the product summaries and chart below.

PRODUCT CODE	QTY OF CUPS BOIL P/HR	LITRES OF HOT 55°C P/HR	QTY OF CUPS CHILL P/HR	CUPS P/HR RECOVERY	RATING kW (BOILER)	POWER REQUIREMENTS
EBT 40/12/30	40	12	30	120	2.4	2 x 3-pin power sockets
EBT 80/20/30	80	20	30	120	2.4	2 x 3-pin power sockets

DIMENSIONS FOR WATER BOILER UNITS (mm): For 40 cup unit: 480H 248W 305D For 80 cup unit: 635H 300W 300D	DIMENSIONS FOR WATER CHILLER UNITS (mm): For 30 cup unit: 290H 210W 410D
---	---

Please note: Quantity of cups is based upon pouring 200ml cups without interruption



Twin Lever Boil/Chill Tap

The Twin Lever tap dispenses both boiling and chilled water from the same tap. This vented push through mechanism, requires no pumps, switches or solenoids.

Boil/Hot Unit

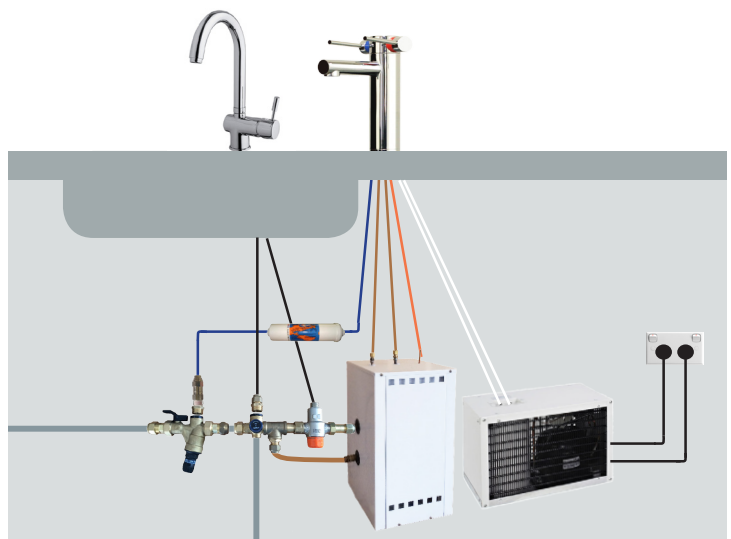
Our units have no moving parts, instead we utilise water pressure with a venturi to deliver a reliable source of boiling water. To utilise the hot water function this unit requires a specific valve kit. You can choose to purchase our ready made kits or configure your own.

Chiller Unit

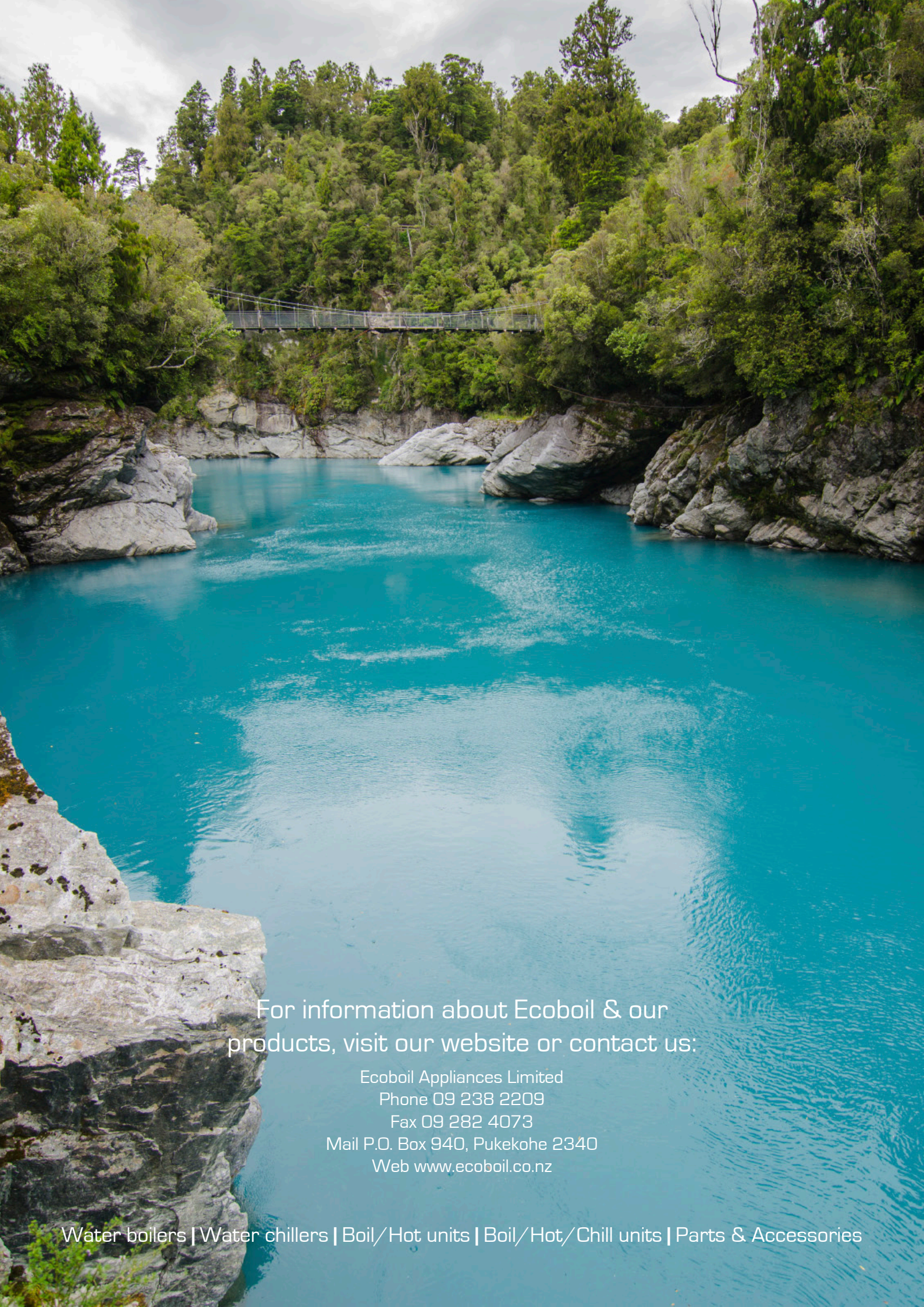
Our EC 30 delivers 30 continuous cups of pure chilled water. These efficient designs are compact for use Under Bench and quiet in operation.

Filter

We include a filter kit with our Trio units to ensure the most pure and great tasting water supply. Adding a filter extends the service period and the life of the unit.



HOT TIP: When installing an Ecoboil Trio you can use your own qualified plumber or contact us for a recommendation. Our units are quick and easy to install and don't require a specialist technician.



For information about Ecoboil & our
products, visit our website or contact us:

Ecoboil Appliances Limited
Phone 09 238 2209
Fax 09 282 4073
Mail P.O. Box 940, Pukekohe 2340
Web www.ecoboil.co.nz

Water boilers | Water chillers | Boil/Hot units | Boil/Hot/Chill units | Parts & Accessories