

# Ducted Central Gas Heating

The effective way to  
heat your whole home



**brivis**  
a Rinnai company

# Whole home heating

## Did you know?

With Brivis Zoning technology you can heat any area in your home. You can even heat just a single room, saving you money on your energy bill.

## Reliable

For over 50 years Brivis has been heating and cooling New Zealand homes. Unmatched for reliability, some of our first heaters are still working today.

## Fast

It doesn't matter what the temperature is outside, your Brivis Ducted Gas Heater will warm up your whole home before you know it.

## Efficient

Brivis pioneered energy efficient Ducted Gas Heating. To complement a full range of 3, 4 and 5 star heaters you can now save up to 30% on your next energy bill with the StarPro 6 Ducted Gas Heater.

## Brivis – New Zealand's leading gas ducted central heating solution

A reputation for innovation, reliability and quality for over 50 years has led to Brivis being recognised as the leading New Zealand gas ducted heating solution.

Every Brivis heating system is tailored for New Zealand homes and is guaranteed to provide your home with warm, cosy air for many years. Our design and manufacturing process is accredited to the New Zealand Standard AS/NZS ISO9001. And our Ducted Gas Heaters come with warranties of up to 5 years.

In addition to producing world-class home heating systems, Brivis operates a New Zealand based customer service centre. Open 5 days a week from 8-5, our knowledgeable staff are on hand to ensure total enjoyment of your new Brivis ducted central gas heating system.



## Ducted Heating

Brivis Ducted Gas Heating comprises a heating unit connected to a series of outlets via a system of ducts. The outlets & ducts are strategically placed throughout your home, either in the floor or ceiling. The position of the heating unit depends on your house.

The ducts which connect the outlets to the heating unit are neatly tucked away out of sight. A wall controller lets you set up your temperature for the whole home or even down to a single room.

## How does Ducted Heating work?

The Brivis Ducted Gas Heating system draws air from inside your home through the heater where it is warmed. A fan pushes it into the rooms of your home via the outlets and duct network, in the form of a steady, gentle supply of warm air.

The Brivis controller monitors the air temperature on a continual basis and controls the Brivis Ducted Gas Heating system to ensure a consistently warm temperature throughout the home. On our higher efficiency models, as the home heats up, the heater modulates the gas so only a small amount of energy is used to keep the space at your desired comfort level.

Once your home reaches your desired temperature the heater unit switches off. The fan then comes to a halt slowly, ensuring that all the remaining heat inside the unit is used.



## System Design Service

Brivis offers a system design service to help you create the perfect heating system for your home or office.

An experienced system designer will custom design the duct layout to ensure an optimised central heating solution is achieved. The design team have experience in developing heating solutions for small single dwellings through to large and complex commercial installations.

The design service will custom design your central heating system including recommending the ideal furnace, the location of ducts and specifying the appropriate zones. The system design service works closely with the specialist Brivis dealer network and architects across the country. This is a nationwide network of qualified, trained and experienced installers recommended by Brivis.

Heating

Call 0800 746 624 to arrange a system design or obligation free consultation

# The more stars, the more you save

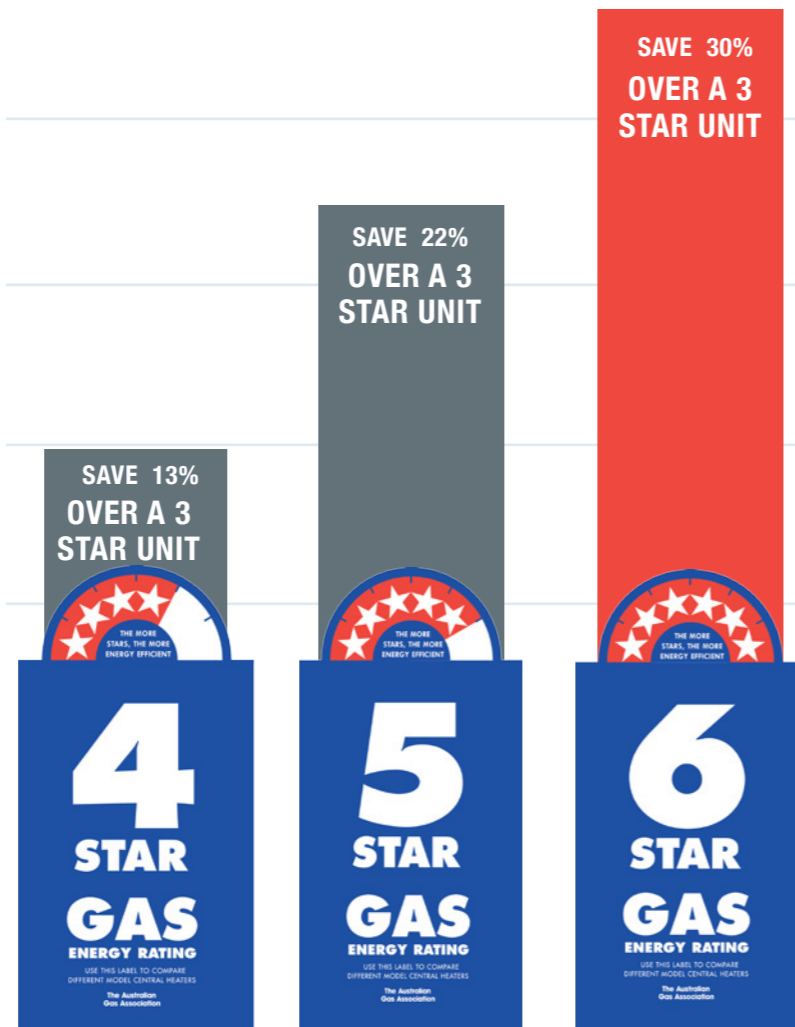


## Star ratings explained

The star rating on your Ducted Gas Heater helps you compare how much gas your heater is actually using. It's an indicative guide that outlines the running cost of the heater in terms of annual energy usage.

The higher the star rating, the more energy efficient the heater is - meaning bigger annual savings on your running costs. On average, an increase of one star means energy usage savings of approximately 10 percent.

## % Energy savings per annum<sup>#</sup>



# Lowest running costs



## StarPro 6 Star Series

Introducing Brivis' highest efficiency Ducted Gas Heater, the SP6 series. The new range of Brivis 6 Star heaters is cleverly engineered to use less gas than traditional Ducted Gas Heaters. This is achieved through Quattra™ technology, a superior 4 Pass Heat Exchanger with Modulating Gas Valve - meaning you get superior temperature control and greater efficiency.

Add Brivis ZonePlus™ and your 6 Star gas heater is zone ready for up to four zones, allowing you to set different temperatures in each zone, or to turn off the zones you are not using, saving you money on your running costs.

## Features

- Highest possible gas energy rating
- Reduced running costs
- Reduced carbon emissions
- Brivis ZonePlus™ compatible
- All models available in ULPG
- Lay down kit (internal unit option)
- Five year parts and labour  
Visit [brivis.co.nz/warranty](http://brivis.co.nz/warranty)

# 6 STAR GAS ENERGY RATING

USE THIS LABEL TO COMPARE DIFFERENT MODEL CENTRAL HEATERS

The Australian Gas Association



Energy Star only applicable in New Zealand. Applies to SP6 range.

Save 30% annually compared to a standard 3 Star Ducted Gas Heater

<sup>#</sup>To earn the energy star rating in a category the product must contribute significant energy savings nationwide. Energy savings are compared to a standard 3.0 star Ducted Gas Heater. Running Cost Data is based on Australian Standard AS4556-2011. House Heat Load 0.2MJ/HR/m<sup>3</sup> and 600 Hours of operation (100 days at 6 hours per day). Annual Energy Consumption - as per AGA Star Ratings for Ducted Gas Heating Systems. Gas Price = 1.6 cents per MJ/HR. Savings based on Average House Floor Area for New Homes built in 2012 - 2013\*, with 2.4m ceiling. Actual savings may vary due to variations in factors such as fuel costs, house size, thermal insulation and heater usage patterns.  
\* Source: Australian Property Investor, ABS, Commsec: November 2013

StarPro 6

# Compact and affordable

# 35+ years of performance



## StarPro 4 Star Series

The new and improved Brivis SP4 boasts up to an impressive 4.8 Star energy efficiency rating, making it the highest rated 4 Star Ducted Gas Heater available.

Due to its flexible installation options (universal indoor or outdoor) the SP4 series is perfect for upgrading your old Ducted Gas Heater. It is an ideal all-round gas heater that's affordable, incredibly efficient and compact.

Brivis SP4 series is also ZonePlus™ and DualComfort™ compatible.

## Features

- Outstanding efficiency up to 4.8 Stars
- Universal internal/external unit
- Economical to run
- ZonePlus™ compatible
- Lay down kit (Internal - SP421)
- Compatible with natural gas only
- Five year parts and labour warranty Visit [brivis.co.nz/warranty](http://brivis.co.nz/warranty)

**4**  
**STAR**  
**GAS**  
**ENERGY RATING**

USE THIS LABEL TO COMPARE  
DIFFERENT MODEL CENTRAL HEATERS

The Australian  
Gas Association

## Our most popular heaters

With applications to suit virtually all types of homes, the Brivis two-piece Wombat range of heaters have up to 3.8 Star energy rating; making it one of the highest rated 3 Star Ducted Gas Heaters on the market - making it the best value option in its class.

The upgraded Brivis Buffalo external weatherproof units offers greater efficiency and has been reliably keeping homes warm for over 35 years.

Perfect for those looking to replace their existing heater with an unrivalled dependable low-cost option, the Classic series has proven performance and a name you can trust.

## Features

- Excellent value for money
- Easy changeover
- Reliable and built to last
- Superior airflow
- Five year parts and labour warranty Visit [brivis.co.nz/warranty](http://brivis.co.nz/warranty)



Save a minimum  
13% annually  
compared to a  
standard 3 Star  
Ducted Gas Heater



StarPro 4



Reliability  
guaranteed  
on the Classic  
series with a  
5 year warranty

Classics

# Next generation Classics

## Compact Classic Series

With the new Classics hot off the factory floor, the CC3 Compact Classic range, as the name suggests, is a compact design for easy installation indoors and in tight spaces. Perfect for new homes, the CC3 is a price conscious, no fuss solution that's easy to install.

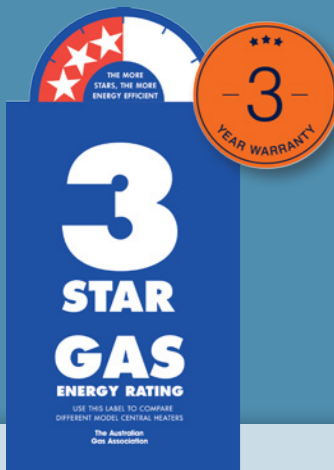
### Features

- Excellent value for money
- Three speed fan
- Up to 3.5 star rating
- Low profile, compact and splittable
- Three year parts and labour warranty  
Visit [brivis.co.nz/warranty](http://brivis.co.nz/warranty) for details

## Buffalo 5 Star

The new Brivis Buffalo 5 Star Classic Heater has been designed with efficiency and reliability in mind. The perfect solution for replacing your existing Buffalo, the Buffalo 5 has the same gas pipe connection, flue position, base dimensions, electrical connection and base box - almost identical to its predecessor, but with an all new 5 Star Energy Rating. The Buffalo 5 star is compatible with natural gas only.

Your investment in the Buffalo 5 is sure to provide you many years of trouble-free, high-efficiency comfort, as well as reduced gas consumption.



# Controllers

## Brivis Touch™

The Brivis Touch™ is the latest innovation in climate control, allowing you to create total home comfort with pure simplicity.

The ability to control your Brivis Ducted Gas Heater is at your fingertips with the sleek Brivis Touch™, high-resolution colour touchscreen controller. It's that simple.

The culmination of many years of development, the Brivis Touch™ combines the best engineering and technology into one interface. Taking the smarts from previous generation Brivis controllers, we've eliminated the complexities of conventional programmable controllers, without compromising on features and functionality.

The Brivis Touch™ is available on the StarPro series.



### Brivis Touch™ Features

- Simplicity at its best
- Secure, 7 day programmability
- Customised zone control
- Status monitor and notifications
- ZonePlus™ compatible

## Brivis Networker™

The Networker is designed with an easy-to-use rotary dial, an easy-to-read LCD screen and is backlit using Electro-Luminescence (EL) technology, making the screen easier to read in poorly lit areas or at night.



## Programmable Controller

The Programmable Controller can operate in either auto or manual modes. To program you simply preset temperatures and times for the heating system to turn on and off.



## Manual Controller

The Manual Controller is a simple to use heating only thermostat with a large easy to read digital display.



Next gen

# Take a closer look

**Multispeed Combustion Fan\*\***  
Automatically adjusts the combustion air through the heat exchanger for maximum efficiency.

**Guardian™**  
Sophisticated multi level safety controls that meet or exceed Australasian Standards for supreme peace of mind.

**Electro-Nite™**  
Electronic start ensures no wasted gas (pilot light) when not operating. Most reliable form of ignition.



**Modulating Gas Valve\***  
Helps maintain a more even temperature in your home for ultimate comfort.

**Zero Chill™**  
Soft start fan eliminates cold drafts on startup.

**Cool Touch™**  
Twin skin and fully insulated cabinets keep the heat where it is needed inside your home and not wasted outside.

**Customair™**  
Adjustable air volume of up to 16 Fan Speed settings to better match airflow to your home.

**Quattra™\*\*\***  
4-Pass Heat Exchanger for absolute maximum efficiency and minimal gas usage, utilising stainless steel, aluminised & non-corrosive materials where you need it most.

**Rapid Heat™\***  
Boost mode for cold starts to warm

## Engineered for total comfort

Manufactured in Australia, Brivis has been providing heating solutions to New Zealand homes for over 50 years.

Brivis pioneered the very first 5 star Ducted Gas Heater and has been instrumental in introducing some of the newest and most efficient systems in both New Zealand and Australia. In fact, some of our very first gas heaters are still in operation today, nearly 50 years on. That's why Brivis has been benchmarked for their excellence in engineering.

**We're at your Service**

We operate a New Zealand based customer service centre where we answer all product queries for our customers. We can also help with your servicing needs to ensure the Brivis unit is running at its highest efficiency - so you can enjoy the Brivis experience for many years to come.

Operating 5 days a week, from 8am to 5pm, Monday to Friday.

Call 0800 746 624 or visit [brivis.co.nz/servicecentre](http://brivis.co.nz/servicecentre)

\*StarPro Range \*\*Excludes Classic Range \*\*\*SP6 Range

# Zoning made easy



## Control

ZonePlus™ allows total control of all zones in your home no matter where you are. Control different climate levels in different zones, optimise heating up and cooling down times, have total control of your comfort and energy use. Even switch zones off. You're in control.



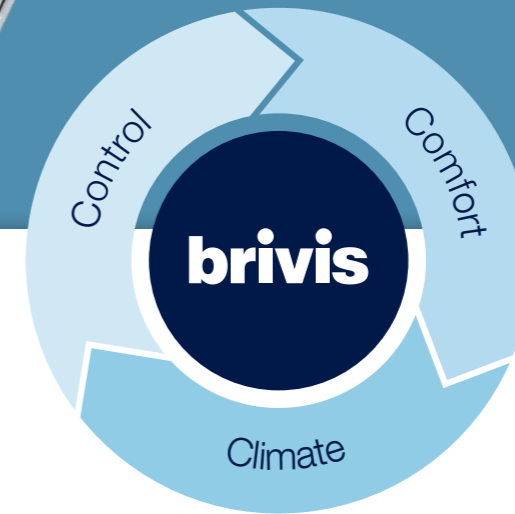
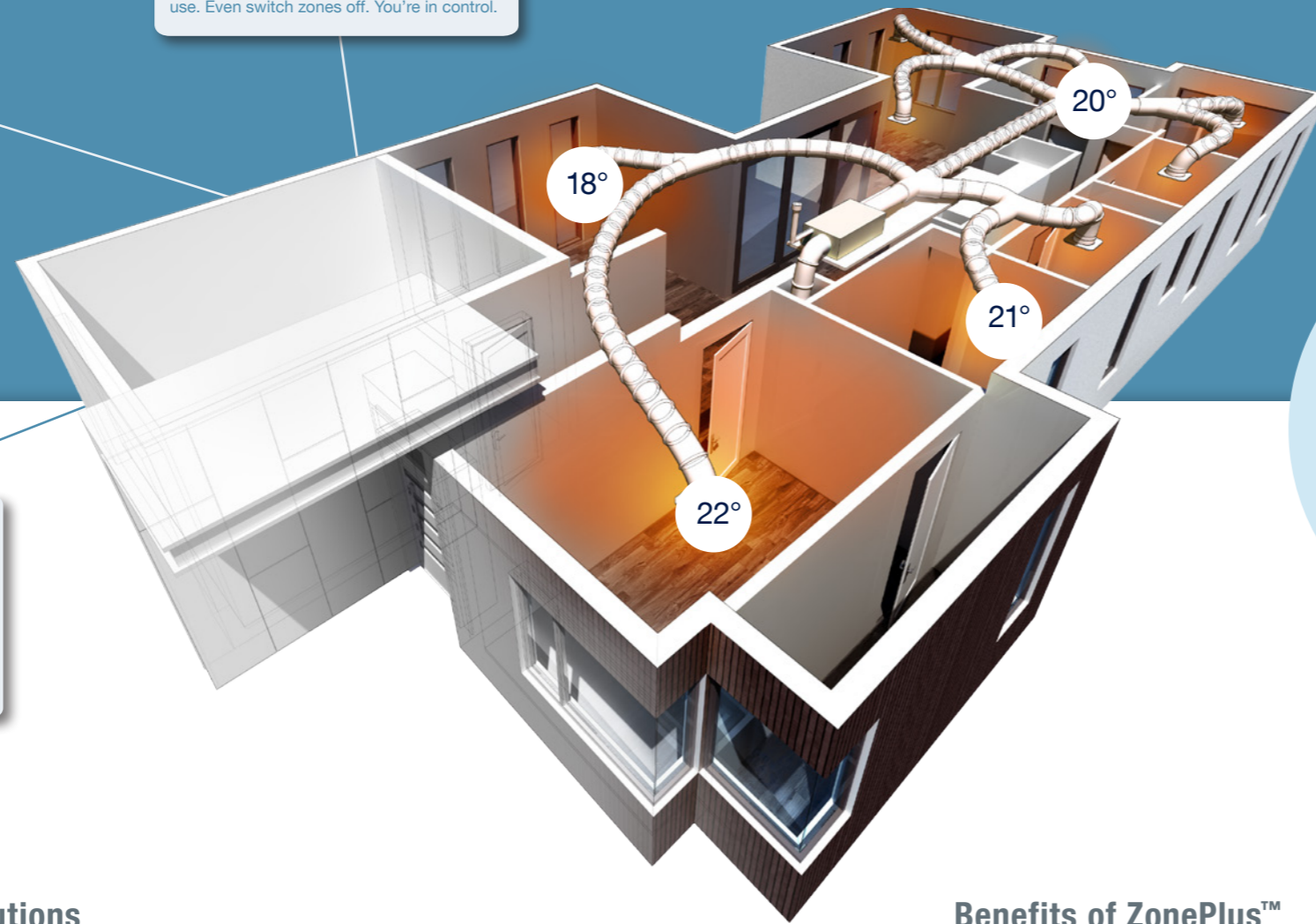
## Climate

With ZonePlus™, choose your climate for any room in the house, from anywhere in the house. You have the flexibility to cater to everyone's ideal climate level anytime of the day.



## Comfort

Everyone's comfort levels are different and ZonePlus™ has taken this on board. No matter what your comfort level is, each zone is completely within your control. Bravis Networkers in every zone allows easy management.



## Introducing Bravis Zoning Solutions

### 1. Bravis ZonePlus™

For outstanding individual comfort, control and energy management, the Bravis ZonePlus™ allows you to have up to four individually controlled zones, each with their own time and temperature settings.

For total flexibility, you can upgrade as many Bravis Temperature Sensors to Bravis Networkers, allowing you to fully control, program and manage each zone – eliminating the need for you to go back to the Master Networker. Adjust temperatures for each zone as it suits you from any Networker in the home. Perfect comfort, absolute control.

Bravis ZonePlus™ works in unison with any Bravis StarPro Ducted Gas Heater with, 4 and 6 star efficiencies.

### 2. Bravis Adaptive Zoning

Allows heating to be used with one Bravis Networker, operating a common zone (i.e. the hallway), as well as up to four additional zones, e.g. lounge room, bedrooms, kitchen/dining etc.

A Bravis Networker can simply turn zones on or off to manage only those areas you are using.

## Benefits of ZonePlus™

### Reduce your energy costs

Switching off unused zones not only helps reach your set temperature faster, but will also save you lots on your energy bill. Adjusting your comfort levels moderately can also make big changes to your energy bill.

### Save money

A large home may require, for example a 20kW system to effectively heat the entire home. In consultation with a dealer, you may find that you will only ever use half your rooms at any one time – hence a 10kW

system would suit. Providing a significant up-front cost saving and minimising running costs.

### Get more comfortable quicker

With the option of Bravis Networkers in every zone, you no longer need to rely on one central Networker managing your entire home. Controlling your climate is only ever a few steps away. How convenient is that?



## Simplicity at its best

The ability to control your Bravis Ducted Gas Heater is at your fingertips with the sleek Bravis Touch™, high-resolution colour touchscreen controller. It's that simple.

# Let us design it

## System Design Service

Brivis offers a system design service to help you create the perfect heating system for your home or office.

To get the full potential from a modern gas furnace, it is vitally important to get the system design right. A poorly designed and installed duct system can cancel out the benefits you would otherwise get from your Brivis furnace.

Outlets can be positioned in the floor or ceiling and are equally effective providing the air intake point is correctly located. This must be at the lowest point, so as to collect the cold air. Cold air is what makes the warm air rise to the ceiling.

The choice between ceiling or floor outlets is usually determined by the available space in and around the house for the ducting. The selection of the furnace is also dependant on the house design.

A scale house plan with stud height and available space marked (roof or sub-floor cavities) is required for Brivis to complete a design.

The system design service works closely with the specialist Brivis dealer network and architects across the country.

The outlets and return air are available in different styles, and some in different colours.

## Ducting

High quality ducting is specified on all system designs.



## Floor outlets

Floor outlets are available in many different styles and colours to ensure it blends seamlessly with the interior design of your house. Below is a small selection of what is available.



## Ceiling outlets

A range of ceiling diffusers are available that distribute warm air down to the floor.



To get the full potential from a modern gas furnace, it is vitally important to get the ducting system right.

# Specifications

Brivis Ducted Gas Heater	Star Rating	Capacity (kW)	Airflow (L/s) @ 100Pa ESP	Dimensions (L x W x H)	Net Weight (kg)	Available in LPG / ULPG	
<b>StarPro SP6 Series</b>							
SP623EN	6.0	23.0	660	1046 x 416 x 750	68	-	
SP623XEN	6.0	23.0	705	1046 x 416 x 750	68	ULPG	
SP623IN	6.0	23.0	720	1021 x 395 x 634	58	-	
SP623XIN	6.0	23.0	755	1021 x 395 x 634	58	ULPG	
SP630EN	6.0	29.0	890	1096 x 568 x 810	89	-	
SP630XEN	6.0	29.0	1020	1096 x 568 x 810	89	-	
SP630IN	6.0	29.0	1085	1070 x 547 x 684	78	-	
SP630XIN	6.0	29.0	1120	1070 x 547 x 684	78	-	
SP635IN	6.0	35.0	1155	1070 x 547 x 684	78	-	
<b>Buffalo 5 Star Series</b>							
BX520EN	300mm base box	5.1	20.0	540	850 x 420 x 775	57	-
	350mm base box			600			
BX526EN	350mm base box	5.0	30.0	970	1030 x 580 x 895	67	-
	400mm base box			1040			
<b>StarPro SP4 Series</b>							
SP421UN	4.8	21.0	555	845 x 397 x 625	65	-	
SP430UN	4.2	30.0	953	923 x 549 x 644	84	-	
SP435UN	4.3	35.0	1041	923 x 549 x 644	84	-	
<b>Compact Classic Series</b>							
CC320IN	3.5	19.5	500	724 x 411 x 604	53	-	
CC330IN	3.3	30.0	940	843 x 564 x 640	71	-	
<b>Classic Series</b>							
BX320EN	300mm base box	3.8	20.0	541	850 x 420 x 775	57	-
	350mm base box			574			
BX326EN	350mm base box	3.5	28.0	849	1030 x 579 x 894	67	-
	400mm base box			957			
Downflow DF320XIN	3.7	18.2	575	461 x 398 x 1305	58	-	
Upflow UF320XIN	3.9	17.6	500	511 x 398 x 1210	55	-	
Upflow UF326XIN	4.0	28.0	850	515 x 568 x 1467	75	-	
2P Wombat 20 CL2PW20IN	3.8	20.0	560	1000 x 400 x 784	49	-	
2P Wombat 26 CL2PW26IN	3.7	25.5	790	1080 x 525 x 812	64	-	

November 2016 - All specifications subject to change without notice. E&OE. All Brivis Classic heaters are Brivis Networker compatible but require an interface to be fitted at additional cost.

Note: All images provided in this brochure are for illustration purposes only. Due to our policy of continuous improvement, product specifications and details are subject to change without notice.

Call 0800 746 624 to arrange a system design or obligation free consultation

Design

Technical Specifications



# Talk to us

Brivis NZ is a division of Rinnai New Zealand, an industry leading hot water and home heating business that is proud to have been heating Kiwi homes for over 40 years. Over 200,000 Kiwi homes have Rinnai appliances installed across the length and breadth of Aotearoa.

For all sales and  
service enquiries:

Telephone: 0800 746 624

Email: [info@brivis.co.nz](mailto:info@brivis.co.nz)

Web: [brivis.co.nz](http://brivis.co.nz)

Consult your local specialist Brivis dealer for  
the best advice. See [brivis.co.nz/dealers](http://brivis.co.nz/dealers)



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