

2024 Trade Catalogue



QR Code Guide

This year we have made some key changes to our catalogue in an effort to keep it current. Two major changes you will notice is the removal of pricing, and the implementation of QR codes. The two changes go hand in hand as the QR codes allow for easy viewing of the most up to date pricing of every product (trade login required, see [page 5](#)). Some other benefits of QR codes are; quick access to more product information, and it allows for easy and accurate online ordering of products.

To assist those who may not be familiar with using QR codes, we have included a 4-step guide below:

4-Step guide on how to use a QR code



1

Open camera
or QR Scanner



2

Scan the
QR code



3

Wait for the
page to load



4

Access the
info online

For further assistance on QR codes, please contact us or visit trade.centralheating.co.nz/qr

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Welcome to our 2024 Catalogue!

Kia ora and welcome to our freshly curated 2024 collection! As you navigate these pages, you're not just exploring state-of-the-art heating solutions but also tapping into the pulse of Aotearoa's evolving heating and energy landscape.

A Reflection on 2023

The past year was marked by resilience and innovation. New Zealand's economy demonstrated adaptability against global headwinds, fuelled by the unwavering commitment of businesses like ours and the trust you place in us.

The recent elections brought forth new agendas and policies, steering the nation towards a sustainable and growth-focused path. These political dynamics, mixed with global and local economic factors, have crafted a unique setting as we step into 2024.

Heating Up 2024

While forecasting exact economic trends is a complex endeavour, the signs for our industry are clear and promising. The challenge of inflation is front and centre, influenced by a myriad of factors, from supply chain complexities to global price trends. Addressing this will demand innovative solutions, streamlined operations, and a renewed focus on delivering value.

Central to New Zealand's growth trajectory is the booming construction sector. With burgeoning housing demands and an emphasis on eco-friendly infrastructure, the need for efficient and sustainable heating solutions is more pertinent than ever. Our 2024 catalogue is perfectly attuned to this demand, offering cutting-edge heating systems that promise efficiency, sustainability, and comfort.

Warm Partnerships for a Cozy Future

Central Heating New Zealand's 2024 catalogue embodies our pledge to keep Kiwi homes and businesses warm and cozy. Whether you're refurbishing a classic villa, developing a modern residential complex, or constructing a state-of-the-art commercial facility, our heating solutions are tailored to provide the warmth you desire and the efficiency you need.

Let's embark on this journey together, ensuring every nook and cranny of Aotearoa stays warm, sustainable, and future-ready. Here's to a snug and sustainable 2024!



Warm regards,

Tony Whale

General Manager
Central Heating New Zealand



— CHNZ social club: Mid-Winter Murder Mystery



— CHNZ social club dressed up for St Patricks Day



— Steve, Bronwyn & Kelvin at Auckland Homeshow



— CHNZ staff had a great time at the Christmas party



— Miya, Bronwyn & Kelvin at Asian Construction Expo



— Wes, Paul, Tony & Fox at IRHACE Golf Tournament



— Training Van makes its debut at Canterbury Homeshow



— Vic and Andy at Design Expo CMS Christchurch



— Inslab underfloor installation training



— Central Heating New Zealand Sales team



— Table Tennis Competition Cup made by Rachelle



— CHNZ social club: Table Tennis Competition



— CHNZ social club: Kings Birthday High Tea



— Central Heating New Zealand Engineering Team



— CHNZ social club: Thrilling Escape room Challenge



— Balloon decoration for James's Happy Marriage



— CHNZ Training Academy Course: Diesel Boilers



— CHNZ social club: May the 4th be with you

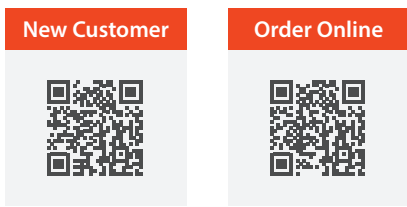


— CHNZ social club: Let it grow for Movember



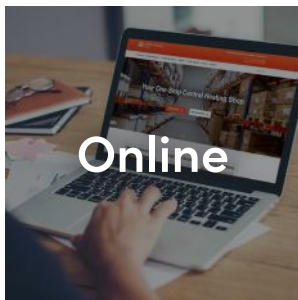
— Pink Baby Shower Morning Tea Farewell for Laura

Ordering Products

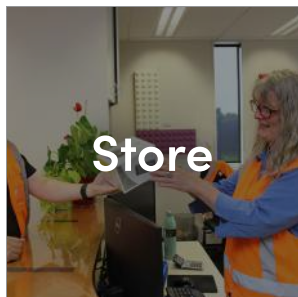


From radiators to underfloor heating, boilers to towel rails, our customers choose Central Heating New Zealand products for their reliability, efficiency, and affordability.

Central Heating New Zealand works hard to ensure products are readily available to you. Please order products using one of the preferred methods below.



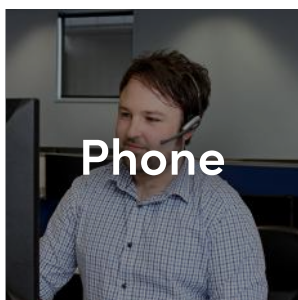
*If you do not have an account:
Please submit your request by scanning the QR code (New Customer)
Or contact us on 0800 357 1233 / salesupport@centraheating.co.nz





Showroom
52 Pilkington Way, Wigram,
Christchurch, NZ.
Open from 8am to 5pm
Monday to Friday.


or


Merchant
Partnering with NZ's top Trade &
Retail Suppliers in building and
plumbing industry. Contact your
local merchant to order.




Create product list
Take note of the name and
product code of each item
you are ordering.

→


Call us at 0800 357 1233
Provide us with your account
number and share your order
details with our reps.

Training Academy

Book Online



One of our key company values is training staff and those keen on growing in the central heating industry. We share our wealth of knowledge and experience on our products, and installing techniques with our customers to improve their efficiency and ability to troubleshoot issues in the field. Courses are run at our Christchurch training facility which includes a dedicated training room, working products room and hands on system installation spaces.



Training Course Schedule

Course	Location	Mar	Oct
Underfloor Installation	Christchurch	05	08
Controls	Christchurch	06	09
Heat Pumps	Christchurch	06	09
Radiator and Pipe Installation	Christchurch	19	22
Gas Boilers	Christchurch	20	23
Diesel Boilers	Christchurch	21	24

Courses cost as little as \$195 + GST per person. Save 25% with group bookings for 6 or more people.

Courses have to be pre-paid: No places can be guaranteed without payment.

A cancellation fee of 20% will be applied for any courses cancelled 10 days or less before the training day.

Scan the QR code to see the up to date course information and registration.

Register Free



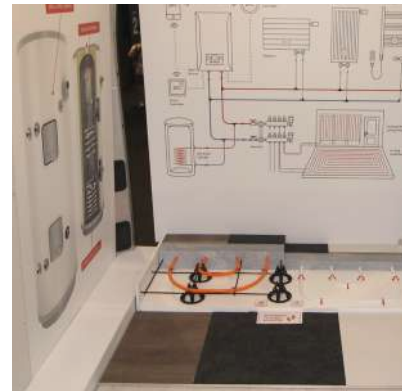
Training Van Schedule

We are excited to unveil a first in New Zealand that's been over a year in the making - our brand new Training Van! This unique project is designed to provide the opportunity for hands-on experience with our heat sources and controls. This mobile training hub will traverse New Zealand, offering in-person training sessions to ensure you can commission and troubleshoot your central heating systems with ease.

We have grand plans for the year ahead with our primary goal to bring training directly to you. We are developing a schedule that will take the van to various regions, where our skilled technicians and local representatives will set up at key locations for impactful training sessions. This hands-on approach will allow you to ask our experts any technical questions with a fully functional central heating system powered by multiple sources on hand.

There's so much more to discover inside the van, and we invite you to join us at our upcoming training events to be released soon. The knowledge and experience you'll gain is invaluable and will ultimately save you time and money when commissioning your heating projects.

Scan the QR code to register your interest in having the van in your area and to view the van training schedule once released.



IMPORTANT INFORMATION

Engineering Services

Design Request



Learn More



Central Heating New Zealand's engineering team is available to assist in designing and specifying a heating system for you and your client's projects.

System designs based on Central Heating New Zealand products are typically free of charge with only a small fee charged for our CAD underfloor pipe layout drawings.



System Estimate

During the preliminary phase of your project, we would be happy to assist with cost estimation and provide high level system proposal.



Quotable Designs

We are also able to offer full heat load calculations, system designs and project quotations.



Detailed Designs

Once projects have been accepted, we can provide detailed designs including system schematics, wiring diagrams, underfloor layouts, radiator pipework sizing and more.



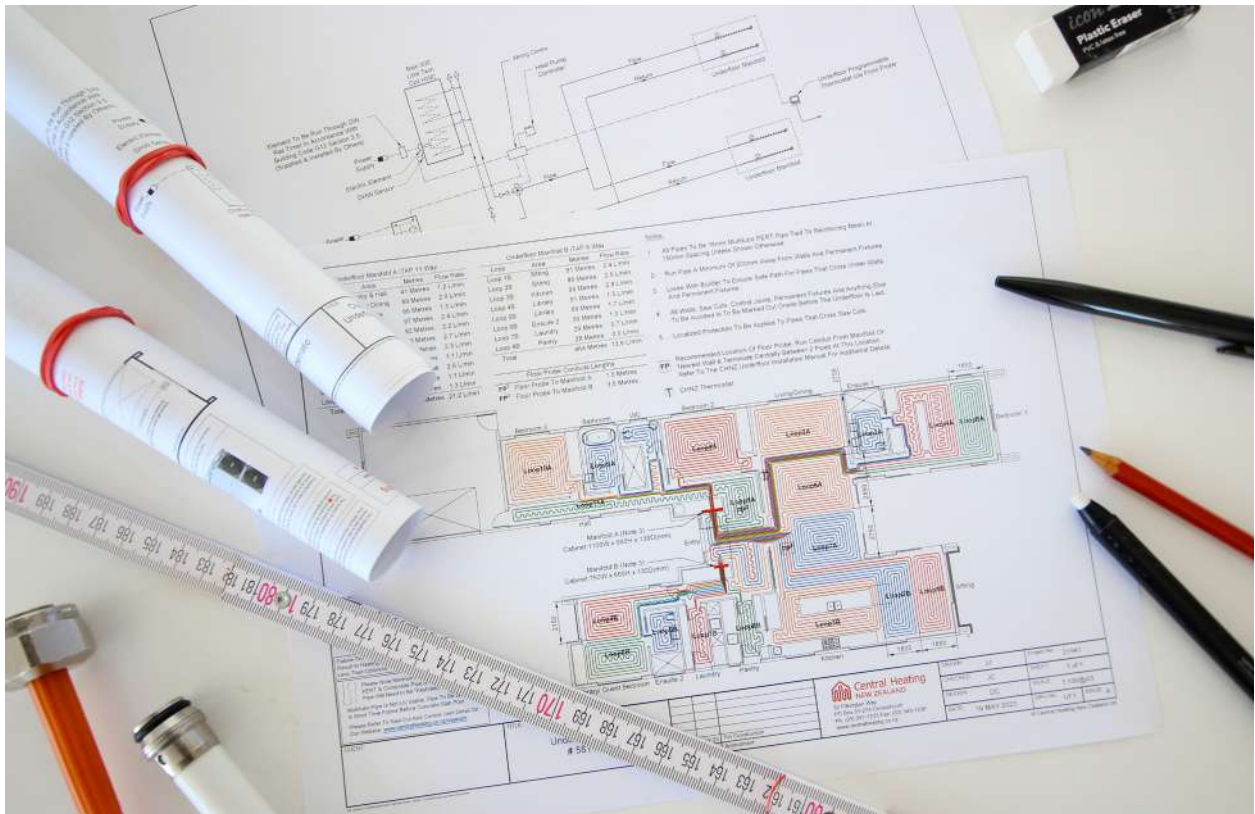
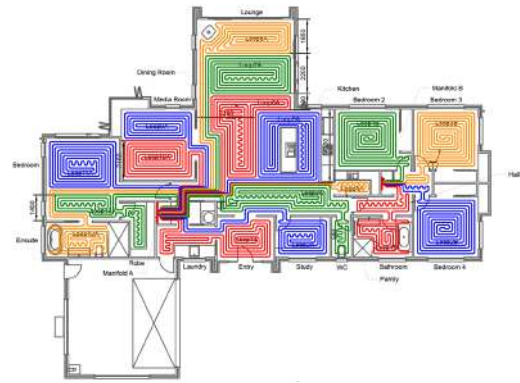
System Schematic



Layout Drawing

At Central Heating New Zealand, we understand the importance of a seamless and efficient quoting process. With our dedicated experts at your service, we are committed to reducing wait times for both you and your valued customers.

Count on us to assist with quoting designs and provide a streamlined experience that saves you time and delivers accurate results. Experience the excellent service of Central Heating New Zealand as we strive to exceed your expectations.



— Engineering Design

The Central Heating New Zealand engineering team uses specialised software to test and refine new solutions in a virtual environment, ensuring quick adjustments for optimal results.

Driven by a commitment to energy efficiency and continuous improvement, their work consistently meets world-class standards for customer satisfaction.

Aftersales Process

Warranty Claim



At Central Heating New Zealand, we are excited to inform you about some changes we're introducing in Aftersales for the year 2024. We acknowledge that 2023 has been difficult for various reasons, and we understand the frustrations experienced when we were unable to provide support in a timely manner. Our team has been working hard to create a more robust network to support your requirements.

What's New

- We are introducing a new platform to streamline our Aftersales process. Each enquiry or support case will be actively monitored as a task, ensuring you receive the best support from the right people. The new claims process will be introduced early 2024, with full implementation ready for the heating season.
- A change in the process will see 'RA' numbers replaced with 'Claim' numbers. This will allow better visibility across the board and ensure the right resource is assigned to your claims.
- We are increasing the number of technical support members available to take calls and follow up on open claims. Our aim is to be available for your urgent queries as often as possible. During peak volume periods we may need to operate on a call-back basis. Our promise is that we'll call back on the same day unless agreed otherwise.
- A direct phone line will be available to speak with our Aftersales team, to ensure you're speaking to the right person straight away. This will be confirmed as soon as we have the new lines available.
- Website - Warranty Registration. There will be a platform available on our website to register and activate the warranty on your Central Heating system. Please check our full warranty T&C's for details on timeframes.

What we need from you

To better support our customers, we will be asking for key information up front before processing any warranty claims. This will allow us to assess the claim in a timely manner and to make sure the process is straightforward for all involved.

Upfront Information required:

- Central Heating New Zealand Customer
- Job Address
- Enquired Product
- Serial Number
- Central Heating New Zealand Invoice or Warranty Register Reference
- Service History

We are looking forward to further supporting our customers in the new year. Keep an eye on our trade mailer and other communications for more updates on the Aftersales area.

Specialist Products



Specialist Products are a category of products that were introduced in 2021.

Specialist Products require an installer to be certified in order to purchase and install. Most of these products are high end and complex to install and commission.

They therefore require specific installation training. If you are interested in purchasing any of these products, please get in touch with us and our team will be happy to help.



Small Print

Specifications, descriptions and products may change without notice. With the rapid changing of international markets and worldwide shipping in demand, product prices are ever changing. **Please check for latest prices on our website**, or using the QR codes in this catalogue.

Free Freight on products except for fuel tanks, bunds, large thermal stores, rural deliveries and **orders under \$20 which incur additional freight costs.**

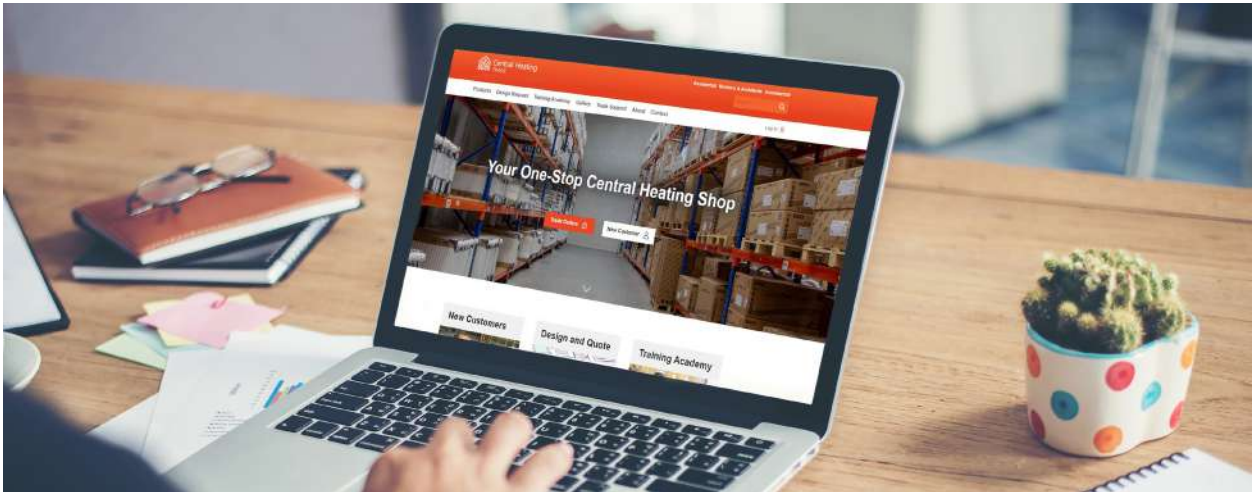
All prices exclude GST.

For all other terms, please see Returns, Warranties and Terms of Trade at the end of this catalogue.

By purchasing and installing our products, you are agreeing to actively understand them, be trained on them and learn how they work so that you are able to maintain and problem solve them and the system.

Applications / Tools

There's nothing better than having the right tool for the job, right?! Below we've included a few tools that have been created to help improve productivity for both our customers and ourselves. Improved productivity means we can offer better service to our customers and in turn you can offer a better service to your customers. We hope you find these useful tools and should you have any suggestions for improvement, please talk these through with your local Central Heating New Zealand rep.



Online Estimator Tool

Use our online estimator tool to give customers a rough indication of what a central heating system might cost them.



Online Warranty / Returns Form

Use our online warranty form which helps provide our aftersales team with all the required information for improved service.





Design Request Form

Use our design request form to get detailed project information to our engineers faster.



Brochures for Marketing

We have a range of brochures that help you provide your customers with details on specific products.



Online Quick Order Tool

If you're a guru with using our catalogue and product codes, this easy online ordering tool is for you.



Online Order History Access

View or recall any of your past orders directly into your cart for easy project duplication.



Key Contacts

Our key contacts will endeavor to help you with all things from pricing, technical support to shipping updates.

National Sales Representatives



ANDY CROUCHER

National Sales Manager
Christchurch Based
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andy.croucher@centralheating.co.nz



COMING SOON

Regional Sales Manager
Upper North Island
Starts in Early 2024



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Whole Team



Staff Profile



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JOSEPH GIRLING

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LOUISE BOLTON

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Considerations Affecting Your Heating System

Learn More



Important information during the design phase

We design our systems to cope in the normal range of weather for your region and based on the information to hand at the time, but sometimes changes occur during the building process that affect the performance of the heating system. This can happen when alterations to the building elements are made either after we have designed the heating system or after the installation of the system. Should there be significant changes to the glazing or insulation specification to be installed in your project compared to that either advised or shown on the plans used for the heating design and quotation, please advise our engineering team. The engineering team can then re-evaluate the design to ensure it is still appropriate to satisfy your heating requirements. Also, unforeseen behaviour, such as thermal bridging, can occur during the building process, which affects the performance of the heating system.

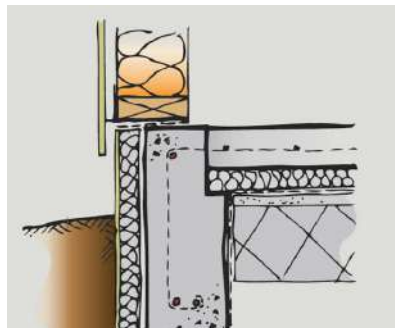
Getting the most out of your system

The design of the heating system is based on an international standard depending on geographical location. However, if any of the design criteria are compromised, supplementary heating may be required at times. Depending on the type of system you have, the following points need consideration.

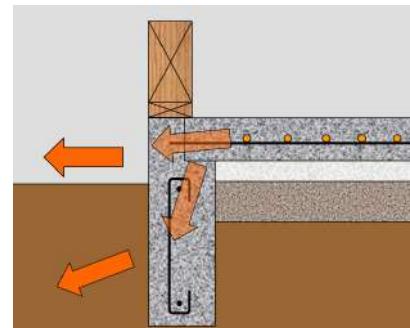
Please scan the QR code to learn more details.



Running the System



Insulation



Thermal Bridging



Floor Coverings



Increased Load



Curtains

H1 Update

Learn More



The most significant factor influencing central heating with respect to the building code is embedded hydronic heating in both walls and floors. When designing a system for a new construction project, careful consideration must be given to the following aspects.

To meet the new H1 insulation requirement for underfloor heating of R2.5-R3, changes may need to be made to the slab design. This could include the addition of edge insulation, increasing the slab thickness, or selecting a more effective insulation material.

The cost of these changes will depend on the specific project and the size of the area being heated, but it's important to factor in these costs when planning a project that includes underfloor heating.

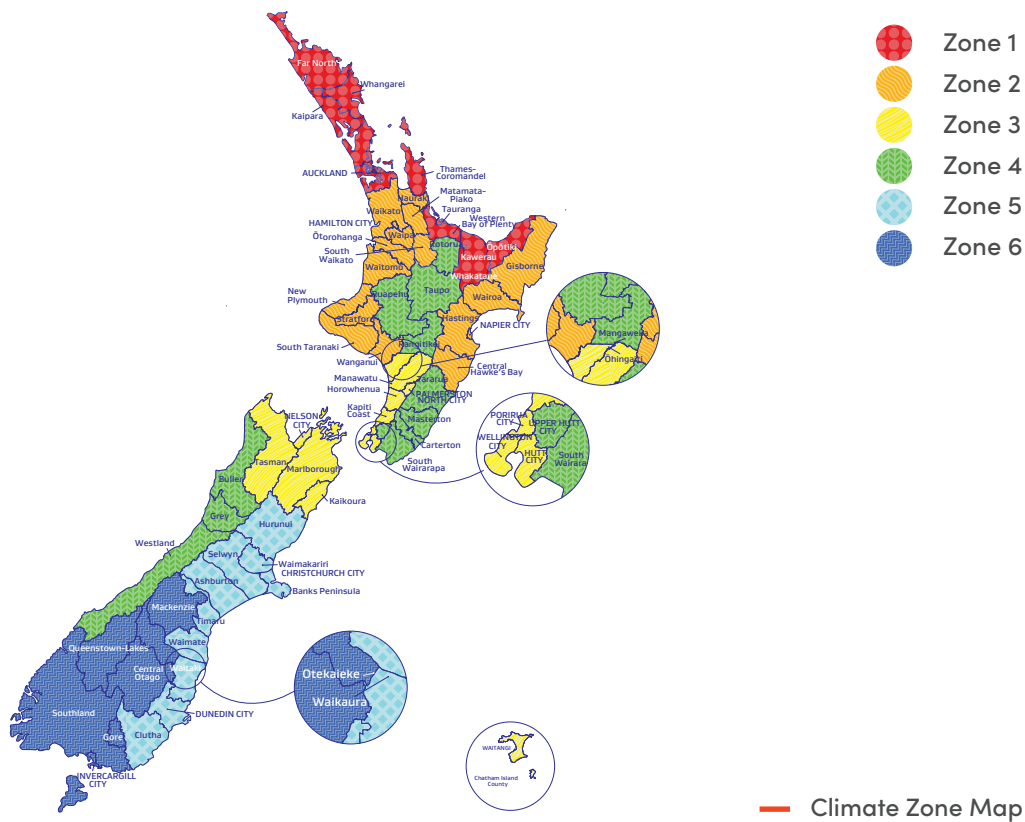


TABLE 2.1.2.2A: Minimum construction R-values for heated ceilings, walls or floors

Building Element	Construction R-Values (m ² -K/W)					
	Climate Zone 1	Climate Zone 2	Climate Zone 3	Climate Zone 4	Climate Zone 5	Climate Zone 6
Heating Ceiling	R6.6	R6.6	R6.6	R6.6	R6.6	R6.6
Heated Wall	R2.9	R2.9	R2.9	R2.9	R2.9	R2.9
Heated Floor	R2.5	R2.5	R2.5	R2.8	R3.0	R3.0

Refer to the full H1/AS1 5th edition document available on the [MBIE website](#) for further information.

Free Freight

Freight inclusive on orders over \$20.

*Does not include tanks, bunds, large thermal stores and rural delivery.





New Products

New Products 20

Promotions / Clearance / Discontinued 22

New Products



















[View Price \\$](#)



Discover the latest in central heating innovation with our new lineup, featuring the cutting-edge Rinnai combi gas boiler, efficient Easypell pellet boiler, and a range of essential product accessories.

Upgrade to the future of central heating with our advanced product offerings.

	Code	Description	Page
	BRI3455	Rinnai I Series Condensing Combi 34kW Boiler	34
	EPEL20V2	Easypell V2 20kW pellet boiler	62
	EPEL32V2	Easypell V2 32kW pellet boiler	62
	TSE3KIT	3kW Element & Thermostat, stat with pocket, sensor &PRV	128
	FUTANKBUND980	Steel Fuel Tank 980L and Galvanised Bund Combo	53
	FBFLHLLCKIT	Horizontal Low Level Kit Condensing 125mm	51
	FBFLHLLCNZKIT	Horizontal Low Level Kit Condensing 125mm NZ	51
	BXSERVKITDUOT	Baxi Duotec Service Kit	38

	Code	Description	Page
	BXSERVKITECO	Baxi Eco Service Kit	38
	FBRSRVKIT26	Firebird Riello Service kit (26kW)	56
	FBRSRVKIT35	Firebird Riello Service kit (35kW)	56
	FBESRVKIT26	Firebird Elco Service Kit (26kW)	56
	FBESRVKIT35	Firebird Elco Service Kit (35kW)	56
	FBSPNOZ8560H	Danfoss Diesel Nozzle 0.85 60H (Elco 44kW)	55
	MT323232F	MT 32 X 32 X 32 Fusion Tee	138
	MT3232EF	MT 32 X 32 Fusion Elbow	138
	MT3232JF	MT 32 X 32 Fusion Joiner	138



Promotions

Scan this QR code to check out our latest special offers.



Clearance

Scan this QR code to view our range of clearance products.



Discontinued

Scan this QR code to stay updated on our product changes.





Hydronic Heat Pumps

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Air-to-Water Heat Pumps

View Price \$



Chofu Heat Pump (Heating and Cooling) 🔥 ❄️



Made in Japan, tested in New Zealand for 8 years. A leading heat pump supplier in Japan, supplying OEM to major Japanese and European companies. Phenomenally reliable, whisper quiet, and excels in cold weather. Features a single-phase inverter compressor with an integrated room controller for precise heating control, including DHW production. Max flow temperature of 60°C, can operate in temperatures as low as -20°C.

Benefits:

- 5-year warranty*
- Low noise
- Monobloc, expansion vessel and pressure gauge included in unit (HPTF10 & HPTF16)
- Integral chofu controller included
- Integration for hybrid systems
- COP 4.2 – 6kW; 4.4 – 10kW; COP 4.3 – 16kW @ 40/35/7°C
- Sound pressure** 54 dB(A) 6kW; 58 dB(A) 10kW; 54 dB(A) 16kW

Code	Description	Nom. Output	Dim (H x W x D)
HPTF06-HP	Chofu Air-Water 6kW Heat Pump (Heating and Cooling) 🔥 ❄️ Requires external expansion vessel and pressure gauge, purchased separately	6kW	675 x 825 x 300
HPTF10	Chofu Air-Water 10kW Heat Pump (Heating and Cooling) 🔥 ❄️	10kW	882 x 850 x 330
HPTF16	Chofu Air-Water 16kW Heat Pump (Heating and Cooling) 🔥 ❄️	16kW	1418 x 1000 x 330

* Refer to the warranty in terms of conditions on [page 166](#)

**1 Average sound pressure at 1m with 1 reflective surface (Q=2) - estimated

Geothermal Heat Pumps

View Price \$



The best renewable energy in the world. Available 24/7 exchanging energy with the ground is the pinnacle of hydronic heating and cooling. Since 2008, Central Heating New Zealand has been involved with more than 150 residential and commercial ground source geothermal systems with horizontal, vertical and direct water exchange, design, supply, ground loop and heat pump commissioning.







MasterTherm AquaMaster Inverter Heat Pump

MasterTherm Geothermal Heat Pumps are commercial quality units packed with innovation that allows great flexibility of application as well as looking sharp. The inverter compressors enable better load matching and quiet running due to base isolated mounting. Desuperheaters and subcooler options are available as well as passive or full cooling functions. Full connectivity via iOS or Android enables online control and diagnostic which is ideal for remote locations.

Benefits:

- Seasonal COP of up to 5.0
- Variable output inverter compressor
- Built in circulation pumps for primary and secondary circuits
- Water/Water version on request
- System specifying advisable with all geothermal heat pumps
- Internet HP control master option
- Wide variety model options available
- Optional desuperheater for high efficiency domestic hot water production available
- Outputs of up to 60kW available

Code	Description	Nom. Output	Dim (H x W x D)
HPMTAQ4511	MasterTherm AquaMaster Heat Pump  	7-22kW	1200 x 526 x 716
HPMTAQ6011	MasterTherm AquaMaster Heat Pump  	7-35kW	1200 x 526 x 716

A full range of fixed speed and inverter compressor units from 5-95kW are available on indent, heat recovery type units that can produce up to 80°C flow temperatures are also available for suitable applications. Please contact us for a design and selection for your project.






[See page 11](#) for more information about specialist products.



Heat Pump Accessories

View Price \$



	Code	Description
	HPGC	<p>GulfCoat Spray Can Clear 340g</p> <p>Spray on protection for aluminium coils in high salt regions. Liberal use of Gulf coat is recommended externally on all outdoor gas boilers, diesel boilers and heat pumps. Environmentally friendly (water based).</p>
	HPKANTVIBR	<p>HP Anti Vibration Base Kit AA50</p> <p>Reduce the possibility of harmonic noise transfer in outdoor units.</p>
	HPKFH	<p>Heat Pump Stainless Steel Braided Hose</p> <p>Female 1 1/4" x Female 1 1/4" - 250mm long.</p>
	Ball Valve with Integral Filter (For Domestic Application)	
	Unique Filterball for rapid system isolation and cleaning of filter. Enables compact installation.	
	VBALLFTVL34	Ball Valve with Integral Filter 3/4"
	VBALLFTVL1	Ball Valve with Integral Filter 1"
	Ball Valve with Integral Filter (For Commercial Application)	
	Unique Filterball for rapid system isolation and cleaning of filter without drain down. Enables compact installation.	
	VBALLF1	Ball Valve with Integral Filter 1"
	VBALLF114	Ball Valve with Integral Filter 1 1/4"
	BXCSHT	<p>Baxi HWC Sensor</p> <p>For use with heat pumps to control external domestic hot water cylinders.</p>
	V3PZV1	<p>Far 3 Way Zone Valve with Actuator 1"</p> <p>Controls diverting to coils of hot water cylinder. Male/Male/Male connections. Ideal for 6kW. Relay required. Includes unions.</p>

	Code	Description
		FAR HP 3-Way DHW Valve Kit 1"
	HPKVK3	Controls diverting to coils of hot water cylinder. Male/Male connections. Includes unions. Ideal for 10 and 16kW heat pumps.
		FAR HP 3-Way DHW Valve Kit 1 1/4"
	HPKVK2	Controls diverting to coils of hot water cylinder. Male/Male connections. Includes unions. Ideal for 16kW and above heat pumps.
	HPKVKA	FAR HP 3-Way Valve Actuator Actuator only (no valve included).
		Inline Flow Meter 20mm 8–28L/min
	VBALWT20828	Flow meter for inline direct reading and regulating of system flow.
		Inline Flow Meter 20mm 1.5–6L/min
	VBALWT20156	Flow meter for inline direct reading and regulating of system flow.
		Inline Flow Meter High quality Swiss flow meter for inline direct reading and regulating of system flow. No expensive instruments required. A must for technical diagnosis.
	VBALWT251040IN	Inline Flow Meter 25mm 10–40L/min Insulated
	VBALWT322070IN	Inline Flow Meter 32mm 20–70L/min Insulated
	VBALWT4030120IN	Inline Flow Meter 40mm 30–120L/min Insulated
		Fernox HP-5c Protector + Antifreeze 20L
	FXHTF20L	Heat transfer fluid/antifreeze specifically designed for heat pumps by offering good protection with minimal impact on pumping performance. Ideal for geothermal ground loops. Suitable for air-to-water and geothermal heat pumps. Minimum "in-use" concentration of 10% and maximum "in-use" concentration is 30%.
	UFFSW18	FAR Flow Switch 1"– 8" For use with heat pumps for protection particularly in chilling mode.

SmartOne Thermostat

- App control
- Heating and Cooling 🔥❄️
- Self-learning with geo-location
- Floor probe – Min/Max floor temperature and humidity sensing for radiant cooling

Central Heating New Zealand designed the new intuitive Smart One Controller for New Zealand radiant heating and cooling systems powered by Chofu air-to-water heat pumps.

Read all the benefits about Smart One Thermostat by scanning the QR code below.

Learn More





Gas Boiler Residential

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Future Gas Ready

Full Article



Biogas - Heating Up the Future

As global conversations amplify around renewable energy and climate change, New Zealand's central heating industry could soon witness a paradigm shift. Biogas, derived from organic waste streams, emerges as a promising fuel substitute for traditional heating methods. Key insights from the Bioenergy Association delineate the future potential of this sustainable energy source.

Woodbeca's research paints a bright picture for the central heating sector. By 2035, it's estimated that New Zealand could produce around 7 petajoules (PJ) of biogas, roughly equating to the nation's current commercial or residential natural gas consumption. This hints at a future where homes and businesses predominantly utilise biogas for their central heating needs.

Furthermore, the adoption of biogas could significantly slash carbon emissions. The added advantage? A substantial reduction in waste directed to landfills, curbing their associated emissions. While MBIE's analysis suggests that biogas production might be slightly more expensive than fossil gas, its environmental merits can't be ignored.

For the central heating sector to fully benefit, the Ministry for the Environment advocates:

1. Enhanced segregation of organic materials for efficient biogas production.
2. Infrastructure investments tailored for organic material collection and processing.
3. Research funding for pioneering recycling techniques.
4. Potential bans on landfilling organic materials, pushing forward the biogas agenda.

These steps, especially a possible landfill ban, could ignite a rapid transition within the heating industry towards biogas...

(Please scan the QR code to read the full article.)



Standard Efficiency Gas Boilers

View Price \$



Note: All boilers come set up for natural gas. If converting to LPG, different nozzle jets need ordering for standard efficiency models.

All boilers come with a 5-year warranty*



Eco4 System Boiler

Baxi Eco4 is the new addition to our range to cater for smaller or more efficient homes.

- Digital control with LCD display
- Requires room thermostat programmer (e.g. CHPRTB or similar)
- LPG Kit available
- Order gas and water taps separately
- Market-leading 5-year warranty*
- 92.5% efficiency (net)







Code	Description	Dim (H x W x D)	Weight
BX14E4	Baxi Eco4 1.14Fi System Boiler 14kW	730 x 400 x 299	31kg
BX24E4	Baxi Eco4 1.240Fi System Boiler 24kW	730 x 400 x 299	32kg

* Refer to the warranty in terms of conditions on [page 166](#)

Standard Efficiency Gas Boiler Flues

View Price \$













	Code	Description
	BXFLH	Horizontal Flue Kit 1m 60/100 White Coaxial.
	BXFLV	Vertical Flue Kit 1m 60/100 Black Coaxial Terminal.
	BXFLX	Flue Extension 1m 60/100 White Coaxial.
	BXFL45	45 Bend 60/100 White Coaxial.
	BXFL90	90 Bend 60/100 White Coaxial.
	BXFLISC	Baxi Flue Internal Sealing Collar (100mm) For Horizontal Flue Wall Penetration 60/100.

Gas Boiler Accessories

View Price \$



	Code	Description
	BXCSHT	Baxi Cylinder Sensor For use with gas boilers to control external domestic hot water cylinders.
	BXOS	Baxi Outdoor Sensor Standard Efficiency Boiler Suitable for all Baxi boilers. Increases pre-emptive response of boiler control for greater efficiency.
	BXZ5680020	Baxi LPG Kit G31 13x0.77 for Eco4 Boiler
	BXCKGT12	Gas Tap G 1/2" Straight Swivel female connection; Thread: 1/2". Ideal for Rinnai Zen Gas Boiler.
	BXCKGT1290	Gas Tap G 1/2 90° Swivel female connection; Thread: 1/2". Ideal for Rinnai Zen Gas Boiler.
	BXCKGT	Gas Tap G3/4 Straight Swivel female connection; Thread: 3/4". Ideal for Baxi Gas Boiler.
	BXCKGT90	Gas Tap G3/4 90° Swivel female connection; Thread: 3/4". Ideal for Baxi Gas Boiler.
	BXCKHT	Heating Flow Tap G3/4 Straight Swivel female connection; Thread: 3/4".
	BXCKHT90	Heating Flow Tap G3/4 90° Swivel female connection; Internal mesh filter; Thread: 3/4".
	TESPRE	Testo Digital Manometer For setting gas pressures during commissioning.

See [page 116](#) for suitable controllers and room thermostats.

Condensing Gas Boilers

View Price \$



Rinnai Zen Condensing Wall Hung Combi Boilers

The Zen is a condensing combi boiler from Rinnai who are well known for their high quality and reliable appliances. With a compact chassis and smooth aesthetics, it has some great innovation compared with European boilers.

The versatile indoor/outdoor installation option, along with the factory wifi app control sets it apart in the market. The boiler can be plumbed as a system only or as a combi suitable for single bathroom application. LPG conversion kit sold separately.

Maximum heating power = 20kW - higher heating performance available with system design by Central Heating New Zealand engineering team.

- Indoor/outdoor boiler
- Built-in WiFi app
- Built-in energy monitor
- Combi flow-rate 13.5L per min @ 25°C rise (BRZEN24)
- Combi flow-rate 19.6L per min @ 25°C rise (BRZEN34)
- Stainless steel heat exchanger
- 5-year warranty*

Code	Description	Dim (H x W x D)	Weight
BRZEN24**	Rinnai Zen Condensing Wall Hung 24kW Boiler	660 x 440 x 285	33kg
BRZEN34**	Rinnai Zen Condensing Wall Hung 34kW Boiler	660 x 440 x 335	37kg

* Refer to the warranty in terms of conditions on [page 166](#)

** LPG kits available - (Maximum heating power 20kW) Higher heating performance available with system design by Central Heating New Zealand engineering team.



Rinnai I-Series Condensing Combi Boiler

The Best of Both Worlds: The perfect combination of reliability, technology and performance in one compact unit, a Rinnai I-Series condensing boiler can serve your home heating needs alone or can be combined with a tankless water heater for a dual-purpose home and water heating system.

Simultaneous delivery of hot water and home heating without disruption. Servo-based bypass control for precision domestic hot water (DHW) temperature control.

- 34kW heating - 55kW DHW
- Combi flow rate 29L per min @25°C rise
- External expansion vessel required
- 5 year warranty*

Code	Description	Dim (H x W x D)	Weight
BRI3455**	Rinnai I-Series Condensing Combi 34kW Boiler	671 x 471 x 276	33kg

* Refer to the warranty in terms of conditions on [page 166](#)

** Coming soon - Check availability

NEW

Future Gas Ready



NUVOLA Duo-tec GA INDOOR STORAGE Combi Boiler

Boasting the same industry-leading technology as the Duo-tec, the Nuvola combi gas boiler is a welcome addition to the Baxi range offered by Central Heating New Zealand.

- 1:7 gas valve modulation ratio
- Market-leading 5-year warranty*
- Gas Adaptive Control (GAC) system: combustion automatic control to maintain constantly the highest level of efficiency
- Stainless steel 45L cylinder
- High DHW performance up to 500L @ ΔT 30°C (50L/min for 10 minutes) or 19L per min (unrestricted flow) @ 25°C rise
- Requires external room controller
- Up to 105% efficiency at 50°C flow (net)

Code	Description	Dim (H x W x D)	Weight
BXDT33ASC	Baxi Nuvola Duo-tec + 33GA Storage Combi Boiler 28kW	950 x 600 x 466	67.5kg

* Refer to the warranty in terms of conditions on [page 166](#)

Future Gas Ready



LUNA Duo-tec GA INDOOR System & Combi Boilers

The Baxi Duo-tec+ GA (Gas Adaptive Valve) Condensing Boiler is a market leader. The gas adaptive valve makes flue gas analysis obsolete. It's as simple as turning it on and pressing Ok when the gas type is displayed. This speeds up the installation time and takes the headache out of boiler commissioning.









- Future Gas Ready - certified for hydrogen blends of up to 20%
- Stainless steel heat exchanger
- 1:7 gas valve modulation ratio
- Requires external room controller
- Combi flow-rate 22.9L per min @ 25°C rise 16.4L per min @ 35°C rise (BXDT40A Only)
- Combi flow-rate 16L per min @ 25°C (BXDT28AC Only)
- Order water and gas taps separately; boiler includes BXCKGT straight gas tap
- System boiler supplied with 3-way valve and actuator for control of indirect domestic hot water cylinder (only cylinder sensor required)

Code	Description	Dim (H x W x D)	Weight
BXDT24A	Baxi Duo-tec E Compact 1.24 GA System Boiler 24kW	700 x 400 x 299	30kg
BXDT28A	Baxi Luna Duo-tec E 1.28 GA System Boiler 28kW	763 x 450 x 345	36kg
BXDT28AC	Baxi Duo-tec E Compact 28 GA Combi Boiler 28kW (Heating)	700 x 400 x 299	34kg
BXDT40A	Baxi Luna Duo-tec+ 40 GA Combi Boiler 32kW (Heating)	763 x 450 x 345	41kg

Condensing Gas Boiler Flues

View Price \$











	Code	Description
	BXFLHCD	Horizontal Flue Kit Condensing 1m 60/100 White Coaxial.
	BXFLVCD	Vertical Flue Kit Condensing 1m Residential 80/125 Black Coaxial Terminal. Vertical flue for residential condensing boilers. Includes 60/100 adaptor.
	BXFL0D	Baxi Outdoor Flue Kit White Coaxial. For Rinnai Zen boiler when installed outdoors.
	BXFLXCD	Flue Extension 1m Condensing 60/100 White Coaxial.
	BXFL45CD	45° Bend Condensing 60/100 White Coaxial.
	BXFL90CD	90° Bend/Starter Condensing 60/100 White Coaxial.
	BXFLXCDPDK	Baxi Plume Dispersal Terminal Kit 60mm White, includes brackets, 1m extension.
	BXFLXSS1M	Baxi Flue Single Skin 1m Plume Extension 60mm White not coaxial plume.
	BXFL90SS60	Baxi Flue 90° Bend Plume Single skin 60mm White not coaxial plume.

Condensing Gas Boiler Accessories

View Price \$



	Code	Description
	BXCSHT	Baxi HWC Sensor For use with gas boilers to control external domestic hot water cylinders.
	BXOSCD	Baxi Outdoor Sensor Condensing Boiler Suitable for all Baxi boilers. Increases pre-emptive response of boiler control for greater efficiency.
	BXDTGAPT	Baxi Programmable 2 Channel Thermostat 230V for GA boilers Baxi remote 2 channel programmer for heating and DHW times and temperatures.
	BXHCK	Heat Exchanger Cleaning Kit for Condensing Boilers Cleaning kit contains two 400ml bottles of cleaning fluid, one spray nozzle for the bottle, one cleaning brush, and instruction sheet.
	BXHXC	Heat Exchanger Cleaning Fluid 400ml for Condensing Boilers Refill bottle only.
	TESFLAN	Testo Flue Gas Analyser Kit 327-1 The tool professionals use for commissioning gas and diesel boilers. Comes with thermal printer.
	BRZSP440018670	Rinnai Zen 24 LPG Kit LPG kit for Rinnai Zen 24kW Boiler.
	BRZSP440018674	Rinnai Zen 34 LPG Kit LPG kit for Rinnai Zen 34kW Boiler.

NEW PRICE







GAS BOILERS - RESIDENTIAL

See page 116 for other suitable controllers and room thermostats.

Gas Boiler Service Kits

View Price \$



	Code	Description
	 BXSERVKITDUOT	Baxi Duo-tec GA Service Kit <ul style="list-style-type: none"> • BXZ710220000 – Baxi ignition electrode • BXZ710424200 - Baxi Spare Flame Detection Electrode for Duo-tec GA • FXPRO400EX - Fernox F1 Protector Express Can 400ml
	 BXSERVKITECO	Baxi Eco 3 / Eco 4 Service Kit <ul style="list-style-type: none"> • BXZ8422570 x2 – Ignition electrode / flame detection electrode • FXPRO400EX - Fernox F1 Protector Express Can 400ml
	BXHCK	Heat Exchanger Cleaning Kit for Condensing Boilers Cleaning kit contains two 400ml bottles of cleaning fluid, one spray nozzle for the bottle, one cleaning brush, instruction sheet.
	BXHXC	Heat Exchanger Cleaning Fluid 400ml for Condensing Boilers



Gas Boilers

Commercial

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Commercial Wall Hung Gas Boilers

View Price \$



Future Gas Ready



Duo-tec MP+ Boiler

Baxi Duo-tec MP is the best value premium boiler in the commercial market. Wall hung, high-efficiency with modulating pump for commercial applications.

- Wide modulation ratio up to 1:9 (1:5 for the 1.130 and 1.150 boilers)
- Hydraulic separation is mandatory on condensing boilers above 40kW
- Stainless steel heat exchanger: reliability and long life
- "+" versions conform to the latest ErP (Energy Related Products) requirements
- Ideal for cascade (multiple boiler) configuration. Please see accessories or request specifications from Central Heating New Zealand's engineering team
- LPG kit available
- Up to 105% efficiency at 50°C flow (net)

Code	Description	Dim (H x W x D)	Weight
BXDT35A	Baxi Luna Duo-tec MP+ 1.35 35kW Boiler	766 x 450 x 377	40kg
BXDT50A	Baxi Luna Duo-tec MP+ 1.50 50kW Boiler	766 x 450 x 377	40kg
BXDT70A	Baxi Luna Duo-tec MP+ 1.70 70kW Boiler	766 x 450 x 505	50kg
BXDT110A	Baxi Luna Duo-tec MP+ 1.110 110kW Boiler	952 x 600 x 584	93kg
BXDT130A	Baxi Luna Duo-tec MP+ 1.130 130kW Boiler	952 x 600 x 584	93kg
BXDT150A	Baxi Luna Duo-tec MP+ 1.150 150kW Boiler	952 x 600 x 584	96kg

SPECIALIST PRODUCTS

SPECIALIST PRODUCTS

SPECIALIST PRODUCTS






SPECIALIST PRODUCTS

See [page 11](#) for more information about specialist products.

Commercial Wall Hung Gas Boiler Flues

View Price \$





	Code	Description
	BXFLHCDC	Horizontal Flue Kit Condensing 1m Commercial 80/125
	BXFLHCDC1	Horizontal Flue Kit Condensing 1m Commercial 110/160
	BXFLVCDC	Vertical Flue Kit Condensing 1m Commercial 80/125
	BXFLVCDC1	Vertical Flue Kit Condensing 1m Commercial 110/160
	BXFLXCDC	Flue Extension Condensing 1m Commercial 80/125
	BXFLXCDC1	Flue Extension Condensing 1m Commercial 110/160
	BXFL45CDC	45° Bend Condensing Commercial 80/125
	BXFL45CDC1	45° Bend Condensing Commercial 110/160
	BXFL90CDC	90° Bend/Starter Condensing Commercial 80/125
	BXFL90CDC1	90° Bend/Starter Condensing Commercial 110/160

Boilers 35 to 70kW require 80/125 coaxial flue parts. Boilers 110 to 150kW require 110/160 coaxial flue parts.

Commercial Cascade Gas Boiler Flues

View Price \$



	Code	Description
	BXDTA710716801	Duo-tec MP Flue Kit 2 Boilers in Cascade 1.50–1.70 PPR cascade flue kit dia 125/110.
	BXDTA710682001	Duo-tec MP Shutter Kit D110/80 For cascade flue anti back draft 1.50–1.70 boilers.

Small stocked range of cascade flue kits, please contact our sales team for selections and pricing.

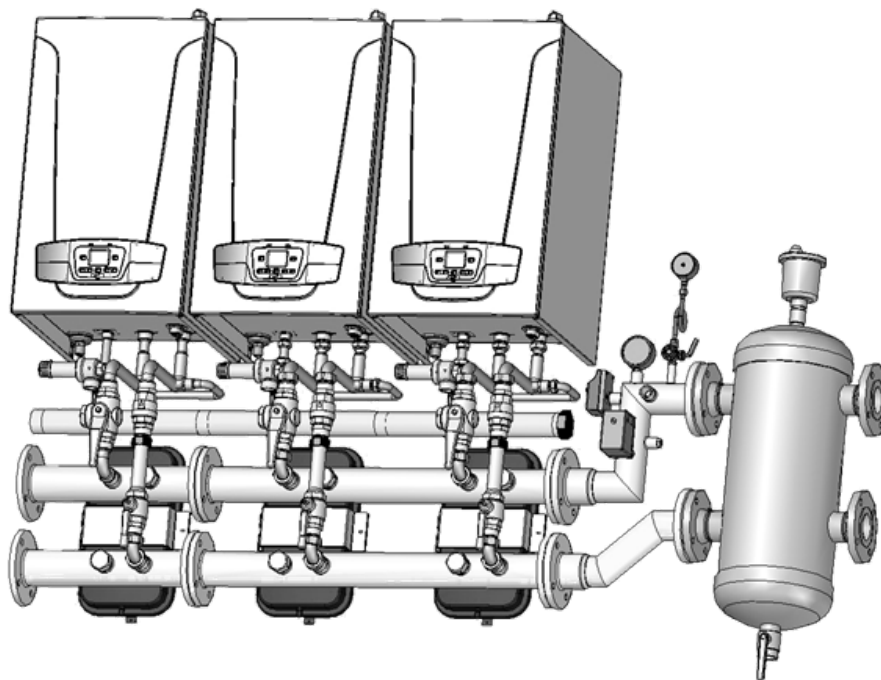
Commercial Wall Hung Gas Boiler Accessories

View Price \$



	Code	Description
	LPG Conversion Kits (Diffuser Shroud)	
	BXDTA710718603	Duo-tec MP LPG Kit MP1.35–1.50
	BXDTA710718702	Duo-tec MP LPG Kit MP1.60
	BXDTA710718802	Duo-tec MP LPG Kit MP1.70
	BXDTA710719002	Duo-tec MP LPG Kit MP1.110
	BXZ7713043	Baxi Gas Jet Kit LPG for Duo-tec MP+ 1.130 and 1.150
	BXDTA714125610	Condensate Neutraliser for Boilers up to 116kW Larger versions available on request.
	TESFLAN	Testo Flue Gas Analyser Kit 327-1 The tool professionals use for commissioning gas and diesel boilers. Comes with thermal printer.

NEW PRICE



Example of cascade gas boiler system.

Commercial Wall Hung Gas Boiler Hydraulic Connections

View Price \$



Factory manifolds and connections enable modular assembly for rapid installation of single boilers and cascades.

	Code	Description
	BXD TAKIT501	Duo-tec MP 1.50–1.70 Hydraulic Kit for 1 Boiler
	BXD TAKIT502	Duo-tec MP 1.50–1.70 Hydraulic Kit for 2 Boilers
	BXD TAKIT503	Duo-tec MP 1.50–1.70 Hydraulic Kit for 3 Boilers
	BXD TAKIT504	Duo-tec MP 1.50–1.70 Hydraulic Kit for 4 Boilers
	BXD TAKIT505	Duo-tec MP 1.50–1.70 Hydraulic Kit for 5 Boilers
	BXD TAKIT506	Duo-tec MP 1.50–1.70 Hydraulic Kit for 6 Boilers
	BXD TAKIT901	Duo-tec MP 1.110–1.150 Hydraulic Kit for 1 Boiler
	BXD TAKIT902	Duo-tec MP 1.110–1.150 Hydraulic Kit for 2 Boilers
	BXD TAKIT903	Duo-tec MP 1.110–1.150 Hydraulic Kit for 3 Boilers
	BXD TAKIT904	Duo-tec MP 1.110–1.150 Hydraulic Kit for 4 Boilers
	BXD TAKIT905	Duo-tec MP 1.110–1.150 Hydraulic Kit for 5 Boilers
	BXD TAKIT906	Duo-tec MP 1.110–1.150 Hydraulic Kit for 6 Boilers

Commercial Wall Hung Gas Boiler Hydraulic Separators

View Price \$



Single boilers over 40kW and cascades of boilers require hydraulic separation to ensure the correct flow rate through the boiler heat exchangers and assist with the correct delta T on the primary and secondary circuits.

	Code	Description
	BXD TA790000310	Duo-tec Hydraulic Separator 8.5m ³ 50mm threaded connection. Temperature range: 0–105°C (DN 50–DN 100). Complete with automatic air vent, shut-off valve, and drain valve.
	BXD TAKITHS8	Duo-tec MP Hydraulic Separator Kit 8.5m ³ 50mm screwed connections.
	BXD TAKITHS18	Duo-tec MP Hydraulic Separator Kit 18m ³ 65mm flanged connections.
	BXD TAKITHS28	Duo-tec MP Hydraulic Separator Kit 28m ³ 80mm flanged connections.
	BXD TA790000340	Duo-tec Hydraulic Separator 56m ³ 100mm flanged connections.

Commercial Floor Standing Gas Boilers

View Price \$



POWER HT+ BOILER

Baxi's floor standing Power HT Condensing Gas Boiler for commercial applications features a stainless steel double chamber exchanger that allows for high output in compact size, offering reliability and long life.

- Wide 1:5 modulation range, higher efficiency and noiseless
- High modulation high efficiency circulation pump with hydraulic connection accessory
- Stainless steel heat exchanger
- Coaxial and dual flue configurations available
- The boiler electronics allows the management of up to 16 cascade boilers
- Up to 105% efficiency at 50°C flow (net)

Code	Description	Nom. Output	Dim (H x W x D)	Weight
BX130CDCS	Baxi Power HT + 1.130 Boiler	130kW	1227 x 600 x 681	126kg
BX150CDCS	Baxi Power HT + 1.150 Boiler	150kW	1227 x 600 x 681	132kg
BX200CDCS	Baxi Power HT + 1.200 Boiler	200kW	1238 x 600 x 1412	212kg
BX250CDCS	Baxi Power HT + 1.250 Boiler	250kW	1238 x 600 x 1412	232kg



See page 11 for more information about specialist products.



POWER HT-A BOILER

The Power HT-A from the Baxi range of commercial condensing boilers features an aluminium silicon heat exchanger manufactured to Baxi's exacting standards. The boiler offers a compact size in relation to high output, easy to install, and quiet in operation.

- 5-year commercial warranty*
- Power output range : 230–650kW (@50/30°C flow/return temperatures)
- Low flow, low inertia heat exchanger
- Wide modulation ratio 1:6 up to 320kW – 1:5 up to 650kW
- Low noise operation
- Single boiler or cascade configuration (up to 16 boilers). Please see accessories or request Central Heating New Zealand's engineering team for specification
- LPG up to 320kW
- Up to 107% efficiency at 50°C flow (net)

Code	Description	Nom. Output	Dim (H x W x D)	Weight
BX230CDC	Baxi Power HT 1.230 Boiler	230kW	1458 x 692 x 1231	285kg



* Refer to the warranty in terms of conditions on [page 166](#)

Code	Description	Nom. Output	Dim (H x W x D)	Weight
BX280CDC	Baxi Power HT 1.280 Boiler	280kW	1458 x 692 x 1324	314kg
BX320CDC	Baxi Power HT 1.320 Boiler	320kW	1458 x 692 x 1417	344kg
BX430CDC	Baxi Power HT-A 1.430 Boiler	430kW	1526 x 762 x 1882	540kg
BX500CDC	Baxi Power HT-A 1.500 Boiler	500kW	1526 x 762 x 2192	598kg
BX570CDC	Baxi Power HT-A 1.570 Boiler	570kW	1526 x 762 x 2192	636kg
BX650CDC	Baxi Power HT-A 1.650 Boiler	650kW	1526 x 762 x 2192	674kg



Flue options available upon request.

[See page 11](#) for more information about specialist products.

Commercial Gas Boiler Cascade Controls

View Price \$





Cascade controls enable BMS interface, boiler status feedback and staging of the boilers.

	Code	Description
	BXDTAKITCAS2	Commercial Wall Hung Gas Boiler Cascade Controls – 2 Boilers
	BXDTAKITCAS3	Commercial Wall Hung Gas Boiler Cascade Controls – 3 Boilers
	BXDTAKITCAS4	Commercial Wall Hung Gas Boiler Cascade Controls – 4 Boilers
	BXDTAKITCAS5	Commercial Wall Hung Gas Boiler Cascade Controls – 5 Boilers
	BXDTAKITCAS6	Commercial Wall Hung Gas Boiler Cascade Controls – 6 Boilers

Commercial Filtration

View Price \$



	Code	Description
	FARFIL2	FAR Dirt Separator 2" with Magnetic Inserts Magnetic Separator 50mm. The dirt separator, installed in cooling/heating systems, is designed to filter out any impurities in the water, thus improving heat exchange.
	FPADS65	CleanVent Air & Dirt Separator 65mm PN16 Stainless Steel Cleanvent combines the removal of air and dirt through a single unit. Stainless steel construction. Available from flange sizes 50–600mm.
	FARDEAR2	Far filter Deaerator 2" 50mm The FAR deaerator is installed in heating systems to remove air bubbles from the circulating water. Indent Fabricated Product stainless steel air and dirt separators, and deaerators available on request.
	DOSPOT2	Dosing Pot 13.5L Stainless Steel For convenient dosing of hydronic systems with inhibitor. Complete with air vent and isolation valves.

Fabricated Products

High-quality Stainless-Steel Dirt Separation and Deaeration.

We offer a full range of indent order equipment from our UK supplier, Fabricated Products who design and build filtration equipment with the goal of prolonging the life of central heating systems. These products work by removing air and/or dirt in either single or dual-purpose appliances.

From 50mm flanged Deaerators all the way to 450mm flanged Demountable Magnetic Air and Dirt Separators, we have a wide range of products to meet your requirements. These products are indent order, please contact us for pricing.



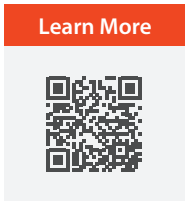
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Diesel Boilers Residential

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The Place for Diesel Boilers in New Zealand Today



For many years diesel boilers have been extremely popular in New Zealand, due to the accessibility, affordability, and exceptional performance. While the performance of our diesel boilers have only gotten better, we have seen an increase in diesel fuel prices over the past year. Diesel Boilers have previously offered relatively low running costs making these a great solution for larger homes, especially where heat pump options have been much more expensive to install in comparison.

When diesel was at \$1.50/litre, the average cost to heat a 200m² home was around \$2,200/year (or \$70/week). Now that diesel is over \$2.00/litre (and as high as \$2.60/litre), the running costs for the same home has increased to as high as \$3,900/year (or \$130/week). Diesel has for a long time been one of the cheaper fuels for home heating and transportation. The comparatively high costs being experienced today are hopefully going to be short-lived, and we hope to see these fall to better align with other forms of energy in the next year or two.

While the current running cost for diesel boiler systems is high, they still have a part to play to providing cost effective options to homeowners

considering central heating systems for their new or existing homes. Diesel boiler systems offer an extremely low cost per kW of performance at around 15% of the \$/kW cost of heat pumps. For larger homes this can result in these systems offering a lower life cost with a comparative heat pump option having payback periods of 10+ years.

For Kiwi's considering central heating for their new or existing home, diesel boilers may still be a great solution and Central Heating New Zealand will help you and your customers work through these options so they can make an informed decision.

For existing diesel boiler powered central heating systems where customers want to understand the options they have to reduce their running costs, we have a number of practical options. On our blog we have outlined the expected capital cost and running cost savings for these options.

It's important to remember every home and family are different which means capital and running costs can vary, but for example purposes we have based our options on heating a 200m² home.

Learn more by scanning the QR code.



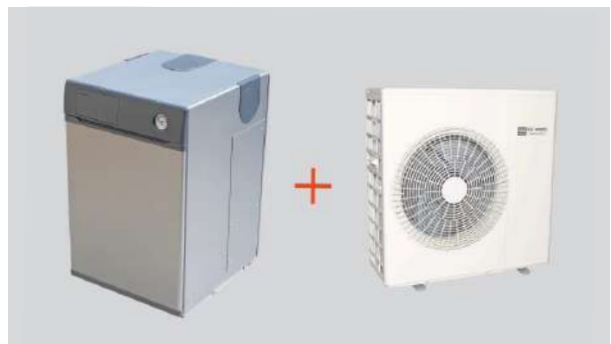
Option 1: Upgrade to a condensing diesel boiler



Option 2: Upgrade to Smart Controls



Option 3: Change the boiler out for a Heat Pump



Option 4: Hybrid Heat Pump Solution

Diesel Boilers

View Price \$



The system boiler from Firebird was built specifically for the New Zealand installer to improve convenience, reliability and ease of servicing*. Genuine contra flow heat exchange condensing boiler of up to 98% efficiency (net). Wide tolerance Elco Blue Flame burner with post purge function works brilliantly with low level horizontal flue. Firebird have supported us in New Zealand for the past 20 years and have a genuine interest in our market and your customer.

More than 7,500 Firebird boilers have been installed into New Zealand buildings.

Includes expansion vessel, pressure gauge, relief valve, pump, pump run on, low pressure switch.

- Stainless steel condensing trap
- Modulating self priming circulating pump
- Serviceable AAV with non return valve
- FB26 and FB35 use a 125mm coaxial flue
- FBE44S use a 150mm coaxial flue
- 5-year warranty*

Code	Description	Nom. Output	Dim (H x W x D)
FB90NZ	Firebird 90 System 26kW New Zealand (Non condensing)	26kW	856 x 555 x 618
FB120NZ	Firebird 120 System 35kW New Zealand (Non condensing)	35kW	856 x 555 x 618
FB20NZ	Firebird Enviromax C20 System Condensing 20kW	20kW	856 x 555 x 618
FB26NZ	Firebird C26 System Condensing 26kW New Zealand	26kW	856 x 555 x 618
FB35NZ	Firebird C35 System Condensing 35kW New Zealand	35kW	856 x 555 x 618
FBE44S	Firebird Enviromax C44 System Condensing 44kW	44kW	1046 x 660 x 852

* Refer to the warranty in terms of conditions on [page 166](#)

**Standard efficiency and condensing versions available



Enviromax Outdoor Boiler

[View Price \\$](#)



The outdoor condensing Firebird boiler has been redesigned to be more convenient to install and service. The ability to locate in most outdoor situations is due to the exceptional Elco Blue Flame burner that has lifted the bar to a different level compared with other burners. Where space inside the dwelling is limited, the Firebird Outdoor boiler is an ideal solution.

Includes expansion vessel, pressure gauge, relief valve, pump, pump run on, low pressure switch, 90° single flue bend and bracket.

- Easy to read Boiler status lights
- Modulating self priming circulating pump
- Integral frost thermostat
- High seasonal efficiency

Code	Description	Nom. Output	Dim (H x W x D)
FB26NZO	Firebird C26 Systempac Condensing 26kW NZ	26kW	945 x 597 x 651
FB35NZO	Firebird C35 Systempac Condensing 35kW NZ	35kW	945 x 597 x 651
FB44NZO	Firebird Outdoor Systempac Condensing Boiler	44kW	1124 x 903 x 856

Elco Blue Burner

The Elco Blue Flame Burner is technically superior, utilising cutting edge blue flame technology to create a burner that is more efficient and better for the environment.

- Easy to adjust air settings
- Streamline design
- Low NO_x emissions
- Robust photocell
- Danfoss nozzles
- Mounting frame for servicing
- Fan run-on control box
- Patent diffuser head



elco

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 **Central Heating**
NEW ZEALAND

Diesel Boiler Flues

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	Code	Description
	FBFLHLL	Horizontal Low Level Flue Kit 125mm Coaxial For 90 and 120 standard efficiency boilers.
	FBFLHLLCKIT	Horizontal Low Level Kit Condensing 125mm Coaxial for C26 and C35. Includes Plume Kit.
	FBFLHLLCNZKIT	Horizontal Low Level Kit Condensing 125mm NZ Coaxial for C26 and C35. Ideal for 90mm timberframe. Includes Plume Kit.
	FBFLHHL	Horizontal High Level Flue Kit 125mm Coaxial for condensing boilers for C20–C35 boilers.
	FBFLV	Vertical Flue Kit 3m SS 125mm Condensing + Non-Condensing Coaxial for condensing and standard efficiency boilers C20–C35, and 90 & 120 boilers.
	FBFLHLF006VSS	Vertical Flue Kit 3m SS 150mm Condensing + Non-Condensing Coaxial for C44 and C58 Boilers.
	FBFLVX	Firebird Flue 1m Extension SS Condensing + Non-Condensing 125mm Coaxial for C20–C35, and 90 & 120 boilers.
	FBFLVXA	Firebird Flue Adjustable 1m Extension SS (555/920mm) 125mm Coaxial for C20–C35, and 90 & 120 boilers. Adjustable from 555–920mm.
	FBFLVX5	Firebird Flue 500mm Extension SS Condensing + Non-Condensing 125mm Coaxial for C20–C35, and 90 & 120 boilers.
	FBFLVX250	Firebird Flue 250mm Extension SS Condensing + Non-Condensing 125mm Coaxial for C20–C35, and 90 & 120 boilers.
	FBFL90	Firebird Flue 90° Bend SS Condensing + Non-Condensing 125mm Coaxial for C20–C35, and 90 & 120 boilers.

NEW

NEW

DIESEL BOILERS - RESIDENTIAL

View Price \$










	Code	Description
	FBFL45	Firebird Flue 45 ° Bend SS Condensing + Non-Condensing 125mm Coaxial for C20–C35, and 90 & 120 boilers.
	FBFLPKIT	Plume Dispersal Kit 1,000mm for Low Level Flue 80mm Diameter With 1,000mm extension. 20, 26, and 35kW boilers.
	FBFLCHPX250	Plume Dispersal Flue 250mm Extension 80mm For C26 and C35 low level flue and heatpacs.
	FBFLCHPX5	Plume Dispersal Flue 500mm Extension 80mm For C26 and C35 low level flue and heatpacs.
	FBFLCHPX	Plume Dispersal Flue 1m Extension 80mm For C26 and C35 low level flue and heatpacs.
	FBFLCHPX90	Firebird Plume Dispersal Flue 90 Bend ° 80mm C26 and C35 low level flue and heatpacs.

Diesel Boiler Accessories








View Price \$



	Code	Description	
		Steel Fuel Tank Steel tank powder coated with zinc rich dark grey finish. Worksafe Certified construction (Domestic use only).	
	FUTANK500ST	Steel Fuel Tank 480L 1340 x 548 x 1026mm (Including feet) Safe fill limit: 452L	Full: 525kg Empty: 70kg
		Steel Fuel Tank and Galvanised Bund Combo Fully enclosed bund for fuel tanks. Meets all New Zealand Council requirements.	
	FUTANKBUND500	Steel Fuel Tank 480L and Galvanised Bund Combo 955 x 630 x 1480mm	
	FUTANKBUND980	Steel Fuel Tank 980L and Galvanised Bund Combo 1255 x 685 x 1955mm	Full: 1050kg Empty: 220kg NEW
	FUCAPLOCK	Lockable Fuel Tank Cap 2 x 2 1/2" Thread. Requires padlock.	
	FUGAUGE	Tank Alert Remote RF Fuel Gauge Wireless fuel gauge. Never run out of fuel again! Works on tanks up to 3m in height. 200m wireless distance.	
	FUELKIT2	Fuel Kit (Includes 2m fire valve) Basic connection kit to get your diesel boiler up and running quickly and safely. Comprises: 2m fire valve, fuel tap, fuel filter, and fittings.	
	FUFILTER	Fuel Filter 10mm BSPF Transparent filter bowl.	
		Teddington fire valves have a 65°C sensor and capillary for safe supply of diesel or light oil.	
	TEDDFV2MKIT	Teddington Fire Valve 2m Kit (includes fittings)	
	TEDDFV3MKIT	Teddington Fire Valve 3m Kit (includes fittings)	
	TEDDFV6MKIT	Teddington Fire Valve 6m Kit (includes fittings)	
	TEDDFV9MKIT	Teddington Fire Valve 9m Kit (includes fittings)	
	TEDDFV12MKIT	Teddington Fire Valve 12m Kit (includes fittings)	

View Price \$



	Code	Description
	FUTAP10MM	Fuel Tank Tap 10mm M/F
	FUTIGERLOOPK	Tigerloop Oil Deaerator Kit Tigerloop takes the hassle out of purging fuel systems when new and when you have run out of fuel. Deaerates fuel for longer nozzle life. Lifts fuel if tank is lower than boiler or a long distance away.
	FUELLINECUR	Copper tube fuel line 3/8" Sold in 18m rolls. Domestic use only.
	Burners	
	FBSPRDB2270	Firebird Riello Burner RDB2.2–20kW
	FBSPRDB2290	Firebird Riello Burner RDB2.2–26kW
	FBSPRDB22120	Firebird Riello Burner RDB2.2–35kW
	FBSPELC20	Elco Burner 20kW Low NO _x
	FBSPELC26	Elco Burner 26kW Low NO _x
	FBSPELC35	Elco Burner 35kW Low NO _x
	STPRESSGAUK	Diesel Burner Pressure Gauge Kit For commissioning diesel boilers.
	SMKFP	Filter Paper Kit for Testo Smoke Test Tool Filter paper kit to suit SMKTK.






For Firebird boilers, we stock a full range of parts for servicing and maintenance:

- Baffle kits
- Blast tubes
- Boiler panels
- Boiler thermostats
- Burner control boxes
- Coils
- Complete burners
- Condensate traps
- Condensers
- Electric plugs
- Electrodes
- Expansion vessels
- Fuel hoses
- Fuel pumps
- Pressure gauges
- Pressure switches
- PRV and AAV

Diesel Nozzles

View Price \$











Code	Description	Application
Diesel nozzles for Firebird and other brand boilers. Servicing item that increases efficiency when replaced annually.		
FBSPNOZ4	Danfoss Diesel Nozzle – 0.4 80H	
FBSPNOZ560W	Delavan Diesel Nozzle – 0.5 60W	
FBSPNOZ5	Danfoss Diesel Nozzle – 0.5 80H	Riello 20kW
FBSPNOZ580S	Danfoss Diesel Nozzle – 0.5 80S - Elco 20	Elco 20kW
FBSPNOZ55	Danfoss Diesel Nozzle – 0.55 80S	Riello 26kW
FBSPNOZ60	Danfoss Diesel Nozzle – 0.60 80S	
FBSPNOZ6080H	Danfoss Diesel Nozzle – 0.60 80H	Elco 26kW
FBSPNOZ6560W	Delavan Diesel Nozzle – 0.65 60W (Non Firebird applications)	
FBSPNOZ6580H	Danfoss Diesel Nozzle – 0.65 80H	
FBSPNOZ65	Danfoss Diesel Nozzle – 0.65 80S	Riello 35kW
FBSPNOZ7560S	Danfoss Diesel Nozzle – 0.75 60S	Elco 35kW
FBSPNOZ7560W	Delavan Diesel Nozzle – 0.75 60W (SIME Boiler)	
FBSPNOZ7580S	Danfoss Diesel Nozzle – 0.75 80S	
FBSPNOZ8580S	Danfoss Diesel Nozzle – 0.85 80S	Riello 44kW
FBSPNOZ8560H	Danfoss Diesel Nozzle 0.85 60H	Elco 44kW NEW
FBSPNOZ1160ES	Danfoss Diesel Nozzle – 1.1 60ES	Riello58kW+ Elco 58kW
FBSPNOZ1160S	Danfoss Diesel Nozzle – 1.1 60S	
FBSPNOZ12580S	Danfoss Diesel Nozzle – 1.25 80S	
FBSPNOZ1560S	Danfoss Diesel Nozzle – 1.5 60S	Elco 58kW
FBSPNOZ260S	Danfoss Diesel Nozzle – 2.0 60S	Riello100kW+ Elco 100kW
		
	TESFLAN	Testo Flue Gas Analyser Kit 327-1 The tool professionals use for commissioning gas and diesel boilers. Comes with thermal printer. NEW PRICE
	TESCF	Cone Filter for Testo Flue Gas Analyser Probe Bag of 5 filters.
	TESDF	Disc Filters for Testo Flue Gas Analyser Probe 5 x per pack Particle filter.
	TESPR	Testo Printer Paper to suit Infrared Printer Roll of printer paper to suit 0554 0549 infrared printer.

Diesel Boiler Service Kits

View Price \$



	Code	Description
	 FBRSRVKIT26	Firebird Riello Service kit (26kW) <ul style="list-style-type: none">• FBSPNOZ55 - Danfoss Diesel Nozzle 0.55 80S• FUFILTER - Fuel Filter 10mm BSPF
	 FBRSRVKIT35	Firebird Riello Service kit (35kW) <ul style="list-style-type: none">• FBSPNOZ65 - Danfoss Diesel Nozzle 0.65 80S• FUFILTER - Fuel Filter 10mm BSPF
	 FBESRVKIT26	Firebird Elco Service Kit (26kW) <ul style="list-style-type: none">• FBSPNOZ6080H - Danfoss Diesel Nozzle 0.60 80H• FUFILTER - Fuel Filter 10mm BSPF
	 FBESRVKIT35	Firebird Elco Service Kit (35kW) <ul style="list-style-type: none">• FBSPNOZ7580S - Danfoss Diesel Nozzle 0.75 80S• FUFILTER - Fuel Filter 10mm BSPF



Diesel Boilers Commercial

Commercial Condensing Boilers
Commercial Condensing Boiler Flues

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Commercial Condensing Boilers

View Price \$



Enviromax Boiler

This compact and robust commercial condensing diesel boiler utilises a patented stainless steel condensing heat exchanger. It has efficiency up to 95% net, giving up to 20% greater seasonal efficiency than standard boilers.

- Fully insulated and acoustically designed for ultra quiet operation
- High performance Elco blue flame burner
- Suitable for central heating and indirect DHW production
- Multidirectional flue options
- Includes pre-wired thermostat, burner, high limit thermostat
- Excludes pump, expansion and pressure gauge and relief valve
- 5-year commercial warranty*
- FBE58 use a 150mm coaxial flue
- FBE73 use a 180mm coaxial flue
- FBE100 use a 200mm coaxial flue



Code	Description	Nom. Output	Dim (H x W x D)
FBE58	Firebird Enviromax C58 Basic Condensing 58kW	58kW	1046 x 464 x 852
FBE73	Firebird Enviromax C73 Basic Condensing 73kW	73kW	1196 x 524 x 852
FBE100	Firebird Enviromax C100 Basic Condensing 100kW	100kW	1250 x 623 x 1071

See [page 11](#) for more information about specialist products.








* Refer to the warranty in terms of conditions on [page 166](#)

Commercial Condensing Boiler Flues

View Price \$








150mm Flues suitable for 44 and 58kW boilers. 180mm flues suitable for 73kW boilers. 200mm flues suitable for 100kW boilers. Limited stock available; other sizes available on indent.

	Code	Description
	FBFLCBF006KIT	Low Level Flue Kit Horizontal Condensing 150mm For C44 and C58.
	FBFLHLF006VSS	Vertical Flue Kit 3m SS 150mm Condensing + Non-Condensing For C44 and C58.
	FBFLHLF006HHL	Horizontal High Level Flue Kit 150mm For C44 and C58.
	FBFLPDK006SET	Firebird Plume Dispersal Kit 100mm Condensing For C44 and C58.
	FBFLHLF456ELB	Flue Bend 45° Condensing 150 mm For C44 and C58.
	FBFLHLF006EXB	Flue Extension 500mm Condensing 150mm For C44 and C58.
	FBFLHLF006EXA	Flue Extension 1m Condensing 150mm Stainless Steel For C44 and C58.
	FBFLCBF007KIT	Low Level Flue Kit Horizontal Condensing 180mm For C73.
	FBFLHLF007VHL	Vertical Flue 3m Condensing 180mm Kit For C73.
	FBFLHLF007HHL	Horizontal High Level Flue Condensing 180mm Kit For C73.

View Price \$



	Code	Description
	FBFLHLF007EXA	Flue Extension 1m Condensing 180mm For C73.
	FBFLPDK007SET	Plume Dispersal Kit 125mm Condensing For C73.
	FBFLHLF008VHL	Vertical Flue 3m Condensing 200mm Kit For C100.
	FBFLHLF008HHL	Horizontal High Level Flue Condensing 200mm Kit For C100. Supplied with plume kit.
	FBFLHLF008EXA	Flue Extension 1m Condensing 200mm For C100.

Other Poujoulat flue options available on indent request.



Biomass Boilers

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Easypell Boilers



View Price \$



Easypell V2 pellet boiler

Easypell pellet boilers are a reliable, sustainable and affordable technology for home heating and domestic hot water. They can also heat a spa pool, hot tub or swimming pool. They utilise advanced combustion control developed by OkoFEN so there is no need for a buffer tank – the boiler can be connected directly to any heating system and will operate in the same way as a gas or diesel boiler, whilst avoiding fossil fuels.

- Made in Austria
- ECAN Approval and meets EN303-5 class 5 European boiler performance standard.
- Automatic cleaning unit and burner deashing.

Code	Description	Nom. Output	Dim (H x W x D)
 EPEL20V2	Easypell V2 20kW pellet boiler High efficiency - 93.6% 165KG Hopper capacity	20kW	1417 x 1148 x 752
 EPEL32V2	Easypell V2 32kW pellet boiler High efficiency - 95.3% 190KG Hopper capacity	32kW	1517 x 1180 x 796

Biomass Boilers

View Price \$



Attack Wood Gasifying Boiler

Ideal where wood is plentiful and the customer is keen on controlling running cost. Combining wood, gas and smoke with high temperature oxygen results in a super-hot flame in the ceramic combustion chamber. Gasification occurs when the gases stay in this hot, turbulent environment long enough to achieve an 85% combustion efficiency.

- Large combustion chamber
- Includes draft regulator valve
- Connection to thermal store tanks recommended
- Recommended for radiator systems
- Limited stocks

Code	Description	Nom. Output	Dim (H x W x D)
ATK45	Attack Wood Gasifying Boiler DP 45kW	45kW	1080 x 580 x 1265

SPECIALIST PRODUCTS

[See page 11](#) for more information about specialist products.



Attack Pellet Boiler

The Attack Pellet boiler is a high efficiency auto operating wood pellet boiler. With easy to use digital key pad for commissioning and status, auto cleaning grate and ash box. Large capacity storage hopper means convenient refueling times.

- High efficiency – 90%
- Super reliable
- Stainless steel burner
- Automatic cleaning and ash removal
- Includes pellet hopper (ATKP30HOP) and fuel feeder (ATKP30FEED)
- ECAN Approved

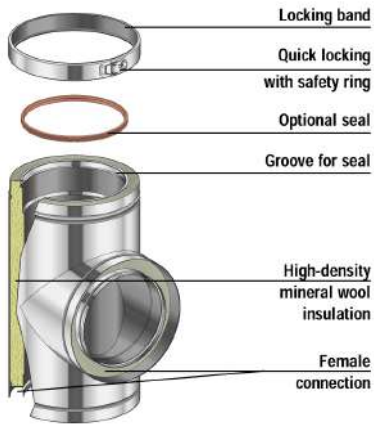
Code	Description	Nom. Output	Dim (H x W x D)
ATKPEL30	Attack Pellet 30kW Automatic Plus	30kW	1220 x 575 x 1250

SPECIALIST PRODUCTS

[See page 11](#) for more information about specialist products.

Biomass Boiler Flues



View Price \$



Poujoulat is a manufacturer of high quality stainless steel insulated modular flue systems that are applicable for any type of boiler.

- Tested to AS/NZS2918
- Other diameters and applications available via indent









	Code	Description
	GEEA	Poujoulat Adaptor to Boiler 250mm 250mm flue to 150mm boiler outlet
	GEET90	Poujoulat Insulated Tee 250mm
	GEEEC	Poujoulat End Cap for Tee 250mm
	GEE1000	Poujoulat Insulated Straight Flue 1,000 x 250mm
	GEECT	Poujoulat Cone Top Terminal 250mm
	GEE45	Poujoulat Insulated 45° Bend 250mm

	Code	Description
	GEECP	Poujoulat Ceiling Plate 250mm
	GEEWB	Poujoulat Wall Bracket 250mm

Biomass Boiler Accessories

View Price \$



	Code	Description
	ATKMV45	Attack Regumat Mixing Station 45-95kW Temperature maintenance and pump unit for solid fuel boilers. Essential for efficiency of boiler and promoting long life.
	ATKTRV	Attack Over Temperature Valve STS 20 For connection to cooling heat exchanger in DP or gasification boilers.
	ATKAC	Attack Ash Collector For DP Boilers
	ATKFGT	Attack Flue Gas Thermostat For control of circulating pumps in FD Boilers.
	VCOMBSET	Boiler Combination Set 25mm Includes AAV, pressure gauge, pressure relief, 25mm BSPF connection.
	VCOMBSETWM	Boiler Combination Set Wall Mounted Includes AAV, pressure gauge, pressure relief, 25mm BSPF connection.
	ATK540MM	Digital Moisture Meter for Wood Ensure that your wood is below 20% moisture level for optimum wood burning efficiency and smoke reduction.
	HONDR	Honeywell Draught Regulator Draught regulator for control of primary air flap/door on solid fuel appliances.



Radiators

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DeLonghi Panel Radiators

Learn More



Integrated Valve

All stocked DeLonghi radiators have an integral thermostatic valve and pipe entry discretely beneath the radiator for a more convenient install and operation as well as a neater aesthetic look.

It is important that the direction of water flow through a radiator is correct. Typically the flow is connected to the port closest to the center of the radiator. Give us a call if you are unsure.

Brackets

The Type 21, 22, 32 and 33 models are supplied with F7 Easyfit wall mounting brackets that are adjustable along the length of the radiator for easy installation.

Accessories

All radiators are supplied with bungs and bleed screws.

Colours

The standard factory colour is white (RAL 9016), but all radiators can be after market coloured to suit.

Output

Radiator outputs are based on EN442 conditions:
90/70/20, 80/60/20, 55/45/20
(Flow/Return/Room Temperatures)
Please ask for outputs at other conditions.

Sizes

We stock 40 different sizes of radiators, but DeLonghi produces 400!

Please request a full list for indent order.

Warranty

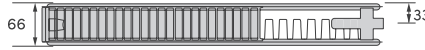
All DeLonghi radiators have an unbeatable 25-year functional warranty. (See warranty statement for special conditions on [page 166](#))



Panel Radiators Type 21

DeLonghi Type 21 steel panel radiators are super slim with good output.

- Integral thermostatic valve and bottom pipe entry
- F7 Easyfit brackets included
- 2 panel; 1 convector:
- 25-year functional warranty*



View Price \$



Code	Dim (H x L)	90/70/20	80/60/20	55/45/20
DLP213400	DL Radiator T21 300 x 400	397 W	316 W	166 W
DLP214600	DL Radiator T21 400 x 600	757 W	601 W	314 W
DLP214800	DL Radiator T21 400 x 800	1010 W	801 W	419 W
DLP2141000	DL Radiator T21 400 x 1000	1262 W	1001 W	523 W
DLP2141200	DL Radiator T21 400 x 1200	1514 W	1201 W	628 W
DLP216400	DL Radiator T21 600 x 400	710 W	561 W	290 W
DLP216600	DL Radiator T21 600 x 600	1065 W	841 W	435 W
DLP216800	DL Radiator T21 600 x 800	1420 W	1122 W	580 W
DLP2161000	DL Radiator T21 600 x 1000	1775 W	1402 W	725 W
DLP2161200	DL Radiator T21 600 x 1200	2130 W	1683 W	870 W
DLP2161600	DL Radiator T21 600 x 1600	2839 W	2244 W	1161 W

LIMITED STOCK

LIMITED STOCK

LIMITED STOCK

* Refer to the warranty in terms of conditions on [page 166](#)

Delonghi Thermostatic Head and Valve Block Kit

Designer series air sensing thermostat that combines elegance and convenience. Packaged together with our valve block, composite connectors and rosettes, this new kit is not only convenient but great value.

Save 30% when you purchase as a package!

Straight (DLRSK) and Angled (DLRAK) are available.



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RADIATORS

Panel Radiators Type 22



DeLonghi Type 22 steel panel radiators are the best value for output watts.

- Integral thermostatic valve and bottom pipe entry
- F7 Easyfit brackets included
- 2 panels; 2 convectors:
- 25-year functional warranty*



View Price \$



LIMITED STOCK

LIMITED STOCK
LIMITED STOCK

LIMITED STOCK

Code	Dim (H x L)	90/70/20	80/60/20	55/45/20
DLP2231000	DL Radiator T22 300 x 1000	1264 W	998 W	514 W
DLP2231200	DL Radiator T22 300 x 1200	1516 W	1197 W	617 W
DLP2231400	DL Radiator T22 300 x 1400	1769 W	1397 W	720 W
DLP2231600	DL Radiator T22 300 x 1600	2022 W	1596 W	823 W
DLP2231800	DL Radiator T22 300 x 1800	2275 W	1796 W	926 W
DLP2241000	DL Radiator T22 400 x 1000	1579 W	1245 W	640 W
DLP2241200	DL Radiator T22 400 x 1200	1894 W	1494 W	768 W
DLP2241400	DL Radiator T22 400 x 1400	2210 W	1743 W	896 W
DLP2241600	DL Radiator T22 400 x 1600	2526 W	1992 W	1025 W
DLP2241800	DL Radiator T22 400 x 1800	2842 W	2241 W	1153 W
DLP2242000	DL Radiator T22 400 x 2000	3157 W	2490 W	1281 W
DLP2242300	DL Radiator T22 400 x 2300	3631 W	2864 W	1473 W
DLP226400	DL Radiator T22 600 x 400	874 W	688 W	352 W
DLP226600	DL Radiator T22 600 x 600	1311 W	1032 W	528 W
DLP226800	DL Radiator T22 600 x 800	1748 W	1376 W	704 W
DLP2261000	DL Radiator T22 600 x 1000	2185 W	1720 W	880 W
DLP2261200	DL Radiator T22 600 x 1200	2622 W	2064 W	1056 W
DLP2261400	DL Radiator T22 600 x 1400	3059 W	2408 W	1232 W
DLP2261600	DL Radiator T22 600 x 1600	3496 W	2752 W	1408 W
DLP2261800	DL Radiator T22 600 x 1800	3933 W	3096 W	1584 W
DLP2262000	DL Radiator T22 600 x 2000	4370 W	3440 W	1760 W
DLP2262300	DL Radiator T22 600 x 2300	5025 W	3956 W	2024 W
DLP229400	DL Radiator T22 900 x 400	1234 W	968 W	490 W
DLP229600	DL Radiator T22 900 x 600	1852 W	1452 W	734 W
DLP229800	DL Radiator T22 900 x 800	2469 W	1936 W	979 W

* Refer to the warranty in terms of conditions on [page 166](#)



Panel Radiators Type 33

View Price \$



DeLonghi Type 33 steel panel radiators are for high capacity requirements.

- Indent only; please enquire for sizes and pricing
- Integral thermostatic valve and bottom pipe entry
- F7 Easyfit brackets included
- 3 panels; 3 convectors:
- Right-hand connection only



Vertical Radiators

DeLonghi vertical radiators are perfect for tight spaces and increase the radiant comfort of a room as they radiate heat at the same height of the human body.

- Concealed bottom entry pipework
- 50mm central connection
- Includes brackets

Code	Dim (H x L)	90/70/20	80/60/20	55/45/20
DLV21-14400	DL Vertical Type 21 1400 x 400	1355 W	1070 W	552 W
DLV22-18400	DL Vertical Type 22 1800 x 400	1989 W	1552 W	774 W
DLV22-18500	DL Vertical Type 22 1800 x 500	2487 W	1940 W	967 W
DLV22-18600	DL Vertical Type 22 1800 x 600	2984 W	2328 W	1082W

A range of other sizes are available as indent on request.

Korado Line Radiators

Learn More



The Korado Line radiator is a smooth, linear-lined steel panel radiator with a contemporary look. They are a high-quality, European manufactured radiator that comes with a 25-year warranty and 8-ports for connection flexibility.

The Korado's slim profile, low water content, and high output along with the contemporary design suits both commercial and modern residential projects equally well, and can be custom coloured to suit your decor.

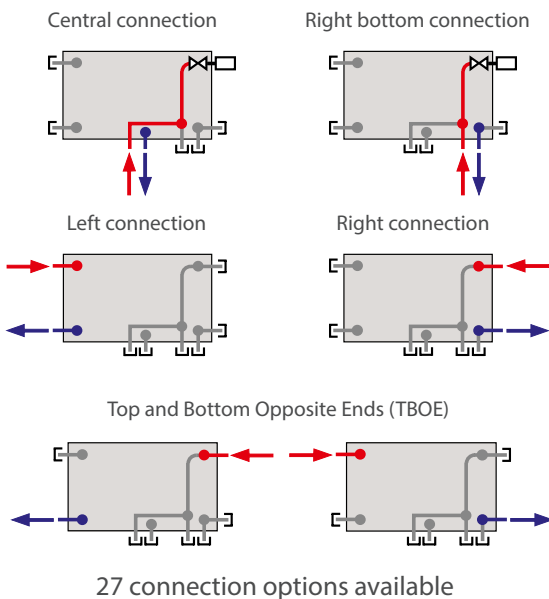
These radiators are supplied with Easyfit brackets. These can be mounted anywhere along the length of the radiator as they simply clip to the top and bottom edge.

With 8 ports for connection, it's the easiest most adaptable radiator range we have and makes for easy installation in new or existing homes.

The Korado is available in heights and lengths ranging from 400 to 1,800mm. The Korado is available in type 21, and type 22 style panel configurations. Its output ranges from 277 to 3,715W. The size and panel configurations of the radiator are determined by output requirements and the space available. Korado's designer radiator range 'Koratherm' is available in horizontal or vertical models on indent order.

All of our radiator system designs and quotes based on DeLonghi radiators will include an indicative value to upgrade to Korado radiators to make it easy for you to present this option to your clients.

Scan the QR code to view the entire range.



Korado Radiator

View Price \$



Smooth linear lined steel panel radiator for contemporary looks and with integral thermostatic valve, easyfit brackets and multiple connection possibilities for any installation. Very high quality European manufactured.



- 25-year functional warranty*
- 8 port radiator (including central connection)
- Fully packaged in cardboard for minimising freight damage
- Heights and lengths ranging from 400 to 1,800mm
- F7 Easyfit brackets included
- Right-hand TRV install only

Code	Dim (H x L)	90/70/20	80/60/20	55/45/20
KRLIN214600	Korado Line Type 21 400 x 600	689 W	535 W	277 W
KRLIN214800	Korado Line Type 21 400 x 800	919 W	714 W	370 W
KRLIN2141000	Korado Line Type 21 400 x 1000	1149 W	892 W	462 W
KRLIN2141200	Korado Line Type 21 400 x 1200	1379 W	1070 W	554 W
KRLIN216400	Korado Line Type 21 600 x 400	626 W	484 W	247 W
KRLIN216600	Korado Line Type 21 600 x 600	939 W	726 W	371 W
KRLIN216800	Korado Line Type 21 600 x 800	1252 W	967 W	495 W
KRLIN2161000	Korado Line Type 21 600 x 1000	1565 W	1209 W	619 W
KRLIN2161200	Korado LineType 21 600 x 1200	1878 W	1451 W	742 W
KRLIN2241000	Korado Line Type 22 400 x 1000	1476 W	1150 W	600 W
KRLIN2241200	Korado Line Type 22 400 x 1200	1772 W	1380 W	720 W
KRLIN2241800	Korado Line Type 22 400 x 1800	2657 W	2069 W	1080 W
KRLIN226400	Korado Line Type 22 600 x 400	825 W	640 W	330 W
KRLIN226600	Korado Line Type 22 600 x 600	1238 W	960 W	494 W
KRLIN226800	Korado Line Type 22 600 x 800	1651 W	1279 W	659 W
KRLIN2261000	Korado Line Type 22 600 x 1000	2064 W	1599 W	824 W
KRLIN2261200	Korado LineType 22 600 x 1200	2476 W	1919 W	989 W
KRLIN2261400	Korado Line Type 22 600 x 1400	2889 W	2239 W	1154 W
KRLIN2261600	Korado Line Type 22 600 x 1600	3302 W	2559 W	1319 W
KRLIN2261800	Korado Line Type 22 600 x 1800	3715 W	2879 W	1483 W
KRLIN229400	Korado Line Type 22 900 x 400	1133 W	886 W	445 W
KRLIN229600	Korado Line Type 22 900 x 600	1700 W	1329 W	667 W
KRLINV2216400	Korado Line Type Vertical 22 1600 x 400	1712 W	1343 W	680 W
KRLINV2218600	Korado Line Type Vertical 22 1800 x 600	2825 W	2215 W	1121 W

* Refer to the warranty in terms of conditions on [page 166](#)

Korado Thermostatic Head and Valve Block Kit

Designer series air sensing thermostat that combines elegance and convenience. Packaged together with our valve block, composite connectors and rosettes, this new kit is not only convenient but great value.

Save 30% when you purchase as a package!

Straight (KRSK) and Angled (KRAK) are available.



0800 357 1233 | info@centralheating.co.nz | centralheating.co.nz

 Central Heating
NEW ZEALAND

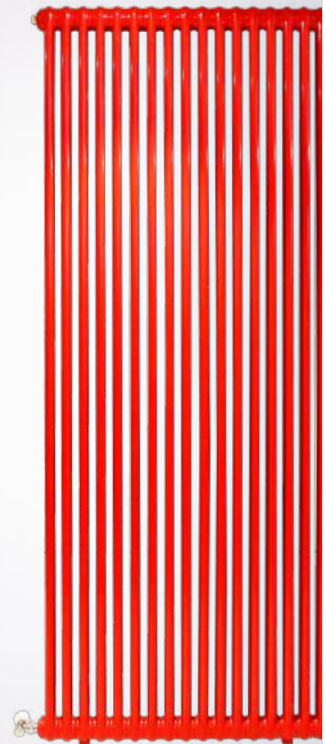
Blend In Stand Out

Match new radiators with existing décor. Choose from a full range of stylish radiator colours and finishes that blend in or stand out.

In addition to the factory radiator colour options below, after market colour options are also available.



 Central Heating
NEW ZEALAND



Designer Radiators

View All Rads



Products Spec



In addition to our standard range of radiators, we also have designer radiator options available on indent order from Delonghi, Arroll, Radiatori, Ridea and Scirocco. Scan the QR code to see the options available.



Montmarte
Arroll



Utility
Scirocco



Brick
Scirocco



Othello Plate Slim
Ridea



Graffe
Scirocco



Reflex
Ridea



Snake Fifty
Scirocco



Linea
Scirocco



Vulkano
Radiatori

Radiator Accessories








View Price \$



	Code	Description
	DLBKTESY300	DL Bracket Easyfit 300 (pair)
	DLBKTESY400	DL Bracket Easyfit 400 (Pair)
	DLBKTESY500	DL Bracket Easyfit 500 (Pair)
	DLBKTESY600	DL Bracket Easyfit 600 (Pair)
	DLBKTESY700	DL Bracket Easyfit 700 (Pair)
	DLBKTESY900	DL Bracket Easyfit 900 (Pair)
NEW PRICE	DLKEY	DL Vent Key (bleeder) Square key.
	DLPS	Radiator Paint Touch Up Stick Colour RAL 9016 (for DeLonghi radiators).
	KRPS	Paint Touch Up Stick Colour RAL 9016 (for Korado radiators).
	DLBUNG	DL 1/2" Radiator Bung
	DLVENT	Radiator Air Vent Bung Air venting bung 15mm BSPM.
	ALAVENT	Aladdin Auto Radiator Air Vent Bung Never vent your radiator or towel rail again. 1/2" BSP Chrome HV30 – 1 Pack.
	MANAV18	Manual Air Vent 1/8" BSP For Baxi Roca Radiators.
	DCBTH	Clip on Towel Rail Clip on towel rail, ideal for drying towels in front of radiators. Simple install which clips over the radiator grill. Width: 800mm. Colour: White – RAL 9016.

View Price \$



	Code	Description
	DLVT	Radiator Venting Tool
	DLBKTFSK3	DL Bracket Floor PK3 Standing (pair) For Delonghi Type 22 and 33 radiators.
	DLRPF	Radiator Pipe Fixing Plate Holds radiator pipes secure in framing. Multi-fit for horizontal or vertical orientation. They can be attached to both wood and steel house frames.
	GIBCARD	GIB Fixer Warning Card Pack of 50 Protect your radiator pipes from damage with a warning card to grab the gib fixer's attention. Pack of 50.
	RADLIFT	MGF Radiator Lifter Cart Easy mounting of large radiators with just one person. Compact radiators cart and lifter. Maximum weight 200Kg Lifts up to 380mm
	DLMCGBT	Multicolonna GBT Wall Bracket
	CROS16C	Rosette Pipe Flange Chrome ID: 16mm OD: 46mm 100 in box

[View Price \\$](#)

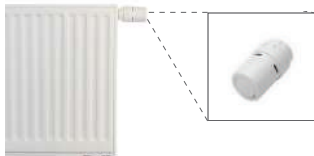
	Code	Description
	CROS16MMW	Rosette Pipe Flange White ID: 16mm OD: 46mm 100 in box
	CROS20MMW	Rosette Pipe Flange White ID: 20mm OD: 52mm 100 in box
	CROS28W	Rosette Pipe Flange White ID: 28mm OD: 60mm 100 in box
	CSNAPC	Snappit 15mm x 200mm Chrome Pipe Cover
	PEG632013	Pegler TRV + Lockshield Angled White Pack Bidirectional valve kit complete with copper pipe connectors. Composite connectors available.
	PEG632113	Pegler TRV + Lockshield Straight White Pack Bidirectional valve kit complete with copper pipe connectors. Composite connectors available.
	PEG632230	Pegler TRV + Lockshield Angled Chrome Pack Bidirectional valve kit complete with copper pipe connectors. Composite connectors available.
	CONUN3200	Composite Pipe Connector Eurocone 16mm x 1/2" For Pegler valves.
	DANCCOM	Danfoss Composite Pipe Connector 16mm x 1/2" MT
	DANCCOP15	Danfoss Copper Pipe Connector 15mm x 1/2" MT

Panel Radiator Valves & Connectors

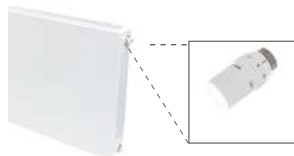
View Price \$



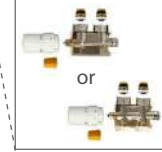
All stocked horizontal / vertical radiators supplied with integral thermostatic valves with bottom entry connections. Please select a valve block and a thermostatic head.



DeLonghi Horizontal



Korado Horizontal





DeLonghi / Korado Vertical

	Code	Description
	DLRAK	DeLonghi Radiator Angled Kit Packaged with a valve block, composite connectors thermostatic head and rosettes, purchase as a kit and save 30%.
	DLRSK	DeLonghi Radiator Straight Kit Packaged with a valve block, composite connectors thermostatic head and rosettes, purchase as a kit and save 30%.
	KRAK	Korado Radiator Angled Kit Packaged with a valve block, composite connectors thermostatic head and rosettes, purchase as a kit and save 30%.
	KRSK	Korado Radiator Straight Kit Packaged with a valve block, composite connectors thermostatic head and rosettes, purchase as a kit and save 30%.
	DLVBANG	DeLonghi Angle Valve Block Discreetly conceal pipe work with this stylish valve block. 50mm pipe centres. Isolation ports.
	DLVBSTR	DeLonghi Straight Valve Block Discreetly conceal pipe work with this stylish valve block. 50mm pipe centres. Isolation ports.
	KRVBANG	Korado Angled Valve Block Kit Discreetly conceal pipe work with this stylish radiator valve block. 50mm pipe centres. Isolation ports.
	KRVBSTR	Korado Straight Valve Block Kit Discreetly conceal pipe work with this stylish radiator valve block. 50mm pipe centres. Isolation ports.








[View Price \\$](#)



	Code	Description
	KRIVC	Korado Integral Valve Cover Plastic cover around valve/TRV. Replacement part.
	DLVBD3L0295	Self Sealing Connection Nipple To fit radiator valve blocks for Danfoss radiator valve blocks with Korado & vertical radiators.
	VXANG	Cross Connection Angle Valve Block If the pipe work is the wrong way around, this valve block corrects the flow of water to the radiator.
	VXSTR	Cross Connection Straight Valve Block If the pipe work is the wrong way around, this valve block corrects the flow of water to the radiator.
	DANDBSTR	Danfoss Straight Dynamic Balancing Valve Block Innovative pressure balancing valve eliminates installation issues.
	DANDBANGR	Danfoss Angle Dynamic Balancing Valve Block Innovative pressure balancing valve eliminates installation issues. Flow Right.
	DANDBANGL	Danfoss Angle Dynamic Balancing Valve Block Innovative pressure reducing valve eliminates installation issues. Flow Left.

View Price \$



	Code	Description
	CON437515	Copper Pipe Connector 15mm x 3/4" Single connector for valve blocks.
	CONMT1634	Composite Pipe Connector Eurocone 16mm x 3/4" For valve blocks and UF manifolds.
	CONMT2034	Composite Pipe Connector Eurocone 20mm x 3/4" For valve blocks and UF manifolds.
	DLVBDANTRVA	Danfoss Angled DANTRV Valve Block Conceal pipe work with this stylish valve block. 50mm pipe centres. Isolation ports. Ideal for vertical radiators.
	DLVBDANTRVS	Danfoss Straight DANTRV Valve Block Conceal pipe work with this stylish valve block 50mm pipe centres. Isolation ports. Ideal for vertical radiators.
	DANURXCAL	Danfoss URX Air Sensing Chrome Valve Pack (Left) Stylish and streamlined valve connection kit for 4 port connection radiators. Right hand air sensing.
	DANURXCA	Danfoss URX Air Sensing Chrome Valve Pack (Right) Stylish and streamlined valve connection kit for 4 port connection radiators. Right hand air sensing.
	DANLSANG	Danfoss Angle Lockshield Valve 15mm Chrome-plated designer series valve suitable for use with DeLonghi Richmond towel rails.

Radiator Thermostats

View Price \$



	Code	Description
	DANLSST	Danfoss Lockshield Straight Valve 15mm Chrome-plated designer series valve.
	DANTHANG	Danfoss Angle TRV Valve 15mm Chrome-plated designer series valve. Vernier adjustment without tools. Select appropriate thermostatic head.
	DANTHST	Danfoss Straight TRV Valve 15mm Chrome-plated designer series valve. Vernier adjustment without tools. Select appropriate thermostatic head.
	DANTRV	Danfoss RAX Thermostatic Head White Designer series thermostats that combine elegance and convenience. Air sensing.
	DANTRVB	Danfoss RAX Thermostatic Head Black Designer series thermostats that combine elegance and convenience. Air sensing.
	DANTRVC	Danfoss RAX Thermostatic Head Chrome Designer series thermostats that combine elegance and convenience. Air sensing.
	DANTRVECO	Danfoss Eco Thermostatic Head Bluetooth Danfoss Eco is battery powered, compact and easy to operate with a manual hand wheel and single button. Programmed with a smartphone app. Energy savings; easy to operate; open-window function; adaptive learning; easy to read LCD display and child lock.
	DANTRVK	Danfoss RAX Thermostatic Head White For Korado radiators.
	DANTRVKC	Danfoss RAX-K Thermostatic Head Chrome For Korado radiators.
	DANTRVTP	Danfoss RA2000 Tamper Proof Thermostatic Head Ideal for commercial applications where air temperature control is to be fixed. For Danfoss valves.
	DANTRVTPAT	Danfoss Tamper Proof Thermostatic Head Adjustment Tool Tamper proof thermohead adjustment tool.



Towel Rails

Towel Rails

84

Towel Rail Accessories

86



Towel Rails

View Price \$



Richmond Linea Towel Rails

DeLonghi towel rails are the perfect complement to any central heating system.

- Ladder style flat
- White or chrome finish
- Towel rail output calculated at 75/65/20



— Central Connection Valve

Code	Description	Nom. Output	Dim (H x L)
DLTRRCL7450	DL TR Richmond Chrome Straight	192W	691 x 450
DLTRRCL7600	DL TR Richmond Chrome Straight	240W	691 x 600
DLTRRCL12450	DL TR Richmond Chrome Straight	341W	1186 x 450
DLTRRCL12600	DL TR Richmond Chrome Straight	431W	1186 x 600
DLTRRCL12600C	DL TR Richmond Chrome Straight With central connection.	431W	1186 x 600
DLTRRCL16500	DL TR Richmond Chrome Straight	488W	1591 x 500
DLTRRWL12600	DL TR Richmond White Straight	598W	1186 x 600

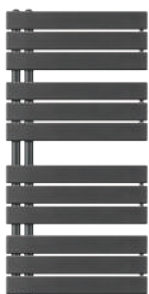


Richmond Parentesi Towel Rails

DeLonghi towel rails are the perfect complement to any central heating system.

- Ladder style curved
- White or chrome finish
- Towel rail output calculated at 75/65/20

Code	Description	Nom. Output	Dim (H x L)
DLTRRCP12600	DL TR Richmond Chrome Curved	431W	1186 x 600
DLTRRWP12600	DL TR Richmond White Curved	598W	1186 x 600



Agata Towel Rails

DeLonghi Agata Towel rails offer a contemporary look along with very practical use as towels are easy to slide onto the wide flat heated surfaces and the towel contact area is increased for rapid drying.

- Towel rail output calculated at 75/65/20

Code	Description	Nom. Output	Dim (H x L)
DLAGATA1108L	DeLonghi Agata Linea White – Straight	585W	1108 x 550
DLAGATA1108A	DeLonghi Agata Linea Anthracite – Straight	585W	1108 x 550

[View Price \\$](#)

Unique Towel Rails

Classic style chrome towel rail.

- Practical wide spaced bars
- Solid fixed mountings for robust application
- Large towel rail for more towel heating and drying space

Code	Description	Output	Dim (H x L)
DLTRUC17735	DeLonghi Unique Towel Rail	550W	1690 x 735



Heritage Towel Rail Radiator

Supplied with brackets, wall fixings, plug and vent.

- Quality chrome-plated steel surround
- 8 sections and 3 columns
- Depth: 235mm (front of rail to wall)

Code	Description	Output	Dim (H x L)
BBTRT9640	Heritage Towel Rail	520W	945 x 640



Clip on Towel Rail

Clip on towel rail, ideal for drying towels in front of radiators. Simple install with clamps over the radiator grill.

- Width: 645mm
- Colour: White – RAL 9016

Code	Description
DCBTH	Bianco Towel Hanger 800

Towel Rail Accessories

Learn More



When it comes to towel rail accessories, we proudly stock a diverse selection that caters to various home aesthetics. While we offer these options, it's essential to note the practical aspect of these accessories, which determine compatibility with specific towel rail types. Refer to the convenient table below to help you identify which accessories complement our range of towel rails.

Towel Rail Valves	Richmond	Richmond Central Connection	Agata	Cortina	Unique	Traditional
URX Valve Pack DANURXC, DANURXW	✓			✓	✓	
Danfoss Thermostatic/ Lockshield Valve DANLANG, DANLSST, DANTHANG, DANTHST	✓			✓	✓	
VHX Duo Valve Kit DANDUOC, DANDUOW		✓	✓			
VHX Mono Valve Kit DANMONC	✓			✓	✓	
Pegler Thermostatic/ Lockshield Valves PEG632013, PEG632113, PEG632230, PEG632235	✓			✓	✓	
Lockshield Cross Head BBCLLSXH						✓
Electric Elements DLTREEPLAIN200	✓	✓*	✓*	✓	✓	

*Installation of electric element will require VHX Duo Valve Block and electric element insert.

View Price \$



	Code	Description
	DANURXC	Danfoss URX Chrome Valve Pack Stylish and streamlined valve connection kit for towel rails. Water sensing thermostatic control.
	DANURXW	Danfoss URX White Valve Pack Stylish and streamlined valve connection kit for towel rails. Water sensing thermostatic control.
	DANLSANG	Danfoss Angle Lockshield Valve 15mm Chrome-plated designer series valve suitable for use with Plus aluminium radiators and DeLonghi Richmond towel rails.
	DANLSST	Danfoss Lockshield Straight Valve 15mm Chrome-plated designer series valve suitable for use with Plus aluminium radiators and DeLonghi Richmond towel rails.
	DANTHANG	Danfoss Angle TRV Valve 15mm Chrome-plated designer series valve suitable for use with Plus aluminium radiators and DeLonghi Richmond towel rails. Vernier adjustment without tools. Select appropriate thermostatic head.
	DANTHST	Danfoss Straight TRV Valve 15mm Chrome-plated designer series valve suitable for use with Plus aluminium radiators and DeLonghi Richmond towel rails. Vernier adjustment without tools. Select appropriate thermostatic head.
	DANMONC	Danfoss VHX Mono Angle Chrome Pack Very stylish valve connection and thermostatic control for radiators or towel rails with single entry connection. Water sensing thermostatic head.
	DANMONSC	Danfoss VHX Mono Straight Chrome Pack Very stylish valve connection and thermostatic control for radiators or towel rails with single entry connection. Water sensing thermostatic head.
	DANRTXC	Danfoss RTX Thermostatic Head Chrome Stylish designer series water sensing head suitable for use with DeLonghi Richmond towel rails.









[View Price \\$](#)



	Code	Description
	DANRTXW	Danfoss RTX Thermostatic Head White Stylish designer series water sensing head suitable for use with DeLonghi Richmond towel rails.
	PEG632013	Pegler TRV + Lockshield Angled White Pack Bidirectional valve kit complete with copper pipe connectors. Composite connectors available.
	PEG632113	Pegler TRV + Lockshield Straight White Pack Bidirectional valve kit complete with copper pipe connectors. Composite connectors available.
	PEG632230	Pegler TRV + Lockshield Angled Chrome Pack Bidirectional valve kit complete with copper pipe connectors. Composite connectors available.
	PEG632235	Pegler TRV + Lockshield Straight Chrome Pack Bidirectional valve kit complete with copper pipe connectors. Composite connectors available.
	CONUN3200	Composite Pipe Connector Eurocone 16mm x 1/2" For Pegler valves.
	DANCCOM	Danfoss Composite Pipe Connector 16mm x 1/2" MT
	DANCCOP15	Danfoss Copper Pipe Connector 15mm x 1/2" MT

View Price \$



	Code	Description
	DLTREEPLAIN200	DL Towel Rail Electric Element 200W Run your towel rails during summer when the heating system is off. For larger towel rails.
	DANDUOC	Danfoss VHX Duo Angle Chrome Pack Very stylish valve connection and thermostatic control for radiators or towel rails with 50mm pipe connections. Water sensing thermostatic head.
	DANDUOW	Danfoss VHX Duo Angle White Pack Very stylish valve connection and thermostatic control for radiators or towel rails with 50mm pipe connections. Water sensing thermostatic head.
	DANDUEI	Danfoss Duo Valve Block Electric Element Chrome Insert
	DANCCOM	Danfoss Composite Pipe Connector 16mm x 1/2" MT
	DANCCOP15	Danfoss Copper Pipe Connector 15mm x 1/2" MT
	BB3CBTR	Chrome 300mm Brass Tube and Rosette (Pair of Tubes 2 Rosette).
	BBCLLSXH	Chrome Luxury Lock Shield Cross Head (Pair)



Fan Coil Radiators

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Fan Coil Radiators

View Price \$



Smiths Kickspace

The Space Saver kickspace heater offers increased flexibility and space in kitchen design as it enables the removal of kitchen radiators that may be using up valuable wall space.

Fitting discreetly into the kickspace of a kitchen, the Space Saver provides efficient and effective heat at low level, creating space for extra cupboards, more work surface and additional appliances.

- Other sizes available on indent request
- Complete with stainless steel grille and pre-wired mains cable

Code	Description	Nom. Output	Dim (H X W X D)
FCSSS9	Smiths EP Space Saver SS9 Kickspace Fan Coil 2400W	2400W	100 x 440 x 355



Olimpia Fan Coil

The Olimpia fan coil unit is only 130mm deep and features the latest Italian style. Fan coil units can run off low temperature water and consequently are often used in conjunction with hot water heat pumps and geothermal heat pumps. High temperature heat sources can also be used.

- Compact, wall-mounted units have onboard digital controller
- Very effective at producing heat for their physical size
- For heating and cooling

Code	Description	Nom. Heating		Nom. Cooling
		70/60/20	50/45/20	7/12/27
FCOSLP800	Olimpia Fan Coil 800 Bi2 SL + Inverter 597 x 1297 x 129 (HxWxD)	6880W	4100W	3290W




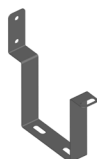
LIMITED STOCK

Full range of sizes, styles and accessories available on indent request.

Fan Coil Accessories

View Price \$



	Code	Description
	FCDV2	Fan Coil 1/2" 2 Way 230V Divertor Valve
	FCDV3	Fan Coil 1/2" 3 Way 230V Divertor Valve
	FCOSLPF	Olimpia Fan Coil Bi2 SL + Inverter Feet Recommended FCOSLPFB for floor mounting.
	FCOSLPFB	Olimpia Bi25L+Floor fixing bracket kit Recommended FCOSLPF for bracket mounting.

Trench Heaters



Licon Trench Convectors

Licon trench convectors are a great heating solution for combatting large areas of glazing.

- Robust and stylish, they can do the job when other options are limited
- Suitable for connection with boilers and heat pumps
- Information on full range available on request
- Can be used to provide heating and/or cooling
- Indent only



Underfloor, Wall, Ceiling Heating

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Underfloor Pipe

View Price \$



Multitubo Composite Pipe

- Complete piping system suitable for hot and cold water supply
- Oxygen tight due to welded aluminium barrier
- High chemical resistance prevents corrosion
- Designed for a lifetime of more than 50 years
- BRANZ Appraised (Number 740)

Code	Description	Dimensions
MT16-200	MT 16 Composite Pipe 200m Coil	16 x 2mm
MT16-500	MT 16 Composite Pipe 500m Coil	16 x 2mm

20mm and 25mm available in custom cut lengths on indent.



Multitubo Inverse PE-RT Pipe

New generation polyethylene pipe from Multitubo with raised temperature resistance specifically for underfloor heating application.

- BRANZ Appraised (Number 916)
- Strong yet highly flexible
- Product life in excess of 50 years; suitable for embedding in concrete floor slab
- Maximum operating temperature of 70°C
- EVOH Oxygen barrier inside pipe.

Code	Description	Dimensions
MT16PERT-300	MT 16 PE-RT UF Pipe 300m Coil	16 x 2mm
MT16PERT-500	MT 16 PE-RT UF Pipe 500m Coil	16 x 2mm



Pipe Decoiler 4 Arm

Compact configuration and easy transportation. Ask us about a pipe and decoiler combo special offer!

Code	Description
MTTPD	Pipe Decoiler 4 Arm

Underfloor Manifolds

View Price \$



iTAP Stainless Steel Underfloor Manifold




iTAP pre-assembled, stainless steel manifolds offer considerable cost savings when compared to brass manifolds of comparable size specifications and function. Thanks to an increased cross-section, iTAP manifolds have a 20% higher flow rate than standard manifolds.

iTAP manifolds come complete with:

- Return manifold in stainless steel AISI 304L with shut-off valves preset for electrothermal actuators with 25mm connections
- Flow manifold in stainless steel AISI 304L with flow meters
- 2 complete metal brackets
- 2 shut-off ball valves
- 2 unions with thermometers
- 2 end pieces with air vent valve and drain cock.

Code	Description	Length	Height
UFM04WI	iTAP Underfloor 4 Way Manifold	412mm	336mm
UFM06WI	iTAP Underfloor 6 Way Manifold	512mm	336mm
UFM08WI	iTAP Underfloor 8 Way Manifold	612mm	336mm
UFM10WI	iTAP Underfloor 10 Way Manifold	712mm	336mm
UFM12WI	iTAP Underfloor 12 Way Manifold	812mm	336mm
UFM13WI	iTAP Underfloor 13 Way Manifold	862mm	336mm

iTAP Underfloor Manifold Components

	Code	Description
	UFM1XIT	iTAP UF 1 Port Manifold Extension Extend your iTAP underfloor manifold by adding an extra port on the flow and the return. It is recommended that you check pressure drop in the system before adding an extension.
	UFMM1MP	iTAP Modulating UF Mixer Unit iTAP mixers enable manual regulation of different supply temperatures to the underfloor pipes than what is being delivered from the boiler. Includes WILO YONOS PARA 25/6 pump and Unions.
	UFMITU1	iTAP UF Manifold to Manifold 1" MM Union For joining manifold to mixer.

[View Price \\$](#)

Underfloor Manifold Components

	Code	Description
	UFMACTF	Controls the underfloor manifold ports on an iTap and FAR manifold for control of underfloor zones in the heating system. Standard wiring configuration.
	UFMACT24	Manifold Actuator NC 24V
	UFMAS	FAR Actuator with switch NC 230V for UF Manifold Controls the underfloor manifold ports on an iTap manifold for control of underfloor zones in the heating system. End switch actuation for specific control.
	CONMT1634	Composite Pipe Connector Eurocone 16mm x 3/4" For DL Valve Blocks and UF manifolds.
	CONMTPERT	PE-RT Pipe Connector Eurocone 16mm x 3/4" Eurocone connection of 16 x 2mm PE-RT pipe to underfloor manifolds or joiners.
	CONMTPERTDN	PE-RT Pipe Joiner 3/4" x 3/4" Eurocone joiner for connection of two 16 x 2mm PE-RT pipes. Requires two eurocone pipe connectors.
	UFJR	FAR Joint Repair Connection (Joiner) Chrome Plated 3/4" Eurocone. Fantastic sliding sleeve makes joining repairs a breeze.
	EMEUCOSPLIT	3/4" Eurocone Splitter For equal length short loops.

[View Price \\$](#)



FAR Underfloor Manifold

FAR commercial 25mm nickel-plated brass underfloor manifolds with offset ports for higher flow rates.


- Modular underfloor manifold for underfloor heating systems
- Includes AAVs, temperature gauges and flow meters

Code	Description	Length
UFMKIT06	FAR UF 6 Way Manifold Kit	375mm
UFMKIT08	FAR UF 8 Way Manifold Kit	475mm
UFMKIT09	FAR UF 9 Way Manifold Kit	530mm
UFMKIT10	FAR UF 10 Way Manifold Kit	580mm
UFMKIT11	FAR UF 11 Way Manifold Kit	630mm
UFMKIT12	FAR UF 12 Way Manifold Kit	680mm
UFMKIT13	FAR UF 13 Way Manifold Kit	730mm
UFMKIT14	FAR UF 14 Way Manifold Kit	780mm
UFMKIT15	FAR UF 15 Way Manifold Kit	830mm
UFMKIT16	FAR UF 16 Way Manifold Kit	880mm
UFMKIT17	FAR UF 17 Way Manifold Kit	930mm
UFMKIT18	FAR UF 18 Way Manifold Kit	980mm

Other FAR manifold sizes available on request.



FAR Underfloor Manifold Components

	Code	Description
	UFMM1	FAR Fixed Point UF Mixer Unit FAR mixer enables manual regulation of different supply temperatures to the underfloor pipes than what is being delivered from the heat pump or boiler. 4°C differential. Pump selection excluded.
	UFMM1M	FAR Modulating UF Mixer Unit FAR mixer enables accurate regulation of different supply temperature to the underfloor than what is being delivered from the heat pump or boiler. 4°C differential. Ideal for BMS control systems. Tri State 3 Points Motor. Pump selection excluded.
	UFMM1V	Mixing Valve for FAR Fixed Point UF Mixer Unit 55°C maximum setpoint and 4°C supply differential.
	UFMM1MU	FAR Modulating UF Mixer Unit without actuator
	UFMM1MA	FAR Modulating Mixer Actuator 24v
	UFMM1MA23	FAR Modulating Mixer Actuator 230v
	UFMBPKF	FAR Manifold By-pass Kit Including a differential bypass on the FAR underfloor manifold enables the balance of flow and return over the FAR underfloor manifold when using electric actuators on the individual ports.
	UFMB	Underfloor Manifold Bracket 1" FAR Metal underfloor manifold bracket 1".

165mm deep cabinets required with FAR manifolds when mixer and overtemp sensor installed.



Underfloor Manifold Cabinet

View Price \$



Powder-coated electro galvanised steel underfloor manifold cabinet for flush or surface mount application.

- Powder-coated cream

Code	Description	Dim (H x W x D)
UFC0750	Underfloor Manifold Latched Cabinet	665 x 750 x 130
UFC0900	Underfloor Manifold Latched Cabinet	665 x 900 x 130
UFC1100	Underfloor Manifold Latched Cabinet	665 x 1100 x 130
UFC1200	Underfloor Manifold Latched Cabinet	665 x 1200 x 130
UFC1200B	Underfloor Manifold Lockable Cabinet	665 x 1200 x 165
UFC1500B	Underfloor Manifold Lockable Cabinet	665 x 1500 x 165



Recessed Manifold Cabinet

Powder-coated galvanised steel underfloor manifold cabinet for flush or surface mount application.

- Powder-coated cream
- For FAR manifolds only

Code	Description	Dim (H x W x D)
UFC0800R	Manifold Recessed Cabinet	500 x 800 x 110
UFC1000R	Manifold Recessed Cabinet	500 x 1000 x 110
UFC1200R	Manifold Recessed Cabinet	500 x 1200 x 110

Barrell locks available for 130mm cabinets on request.

Variotherm Pipe Locator

This precise pipe locator with LED indicator light and beeper locates aluminium multilayer compound pipes in the wall.

Product code: VTPIPELOC

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 **Central Heating**
NEW ZEALAND

Underfloor Accessories

View Price \$



	Code	Description
	UFCLIPS40	Underfloor Clips 40mm Plastic underfloor clips for installation of underfloor pipes on polystyrene. Only suitable for Winkler tacker gun.
	UFCLIPS	Underfloor Clips 50mm Plastic underfloor clips for installation of underfloor pipes on polystyrene. Only suitable for Winkler tacker gun.
	UFSP	Alloy UF Spreader Plate 1000 x 390 200mm Centres Spreads transfer of heat through joisted floors. 390mm wide for 400mm centred joists. 200mm pipe spacing.
	UFCT16	Underfloor Clamp Track for 16mm Pipe 1m lengths.
	TIEWIREG	Max Tie Wire Gun Includes 2 x 14.4V 4.0Ah Li-ion batteries, rapid charger and a case.
	TIEWIRE	Max Tie Wire 95m per roll For Max tying guns that are used for rebar or tying underfloor pipe to mesh.
	UFMPCT	Malco Underfloor Wire Clipping Hand Tool This Malco tool is an efficient way to clip the underfloor heating pipe to the mesh. Fast, reliable and cost effective.
	UFMWC	Malco Underfloor Wire Clips Box of 500 Clips for Malco underfloor wire clipping hand tool.
	TESTKIT	Pressure Test Kit for Underfloor Pipes An easy, reusable pushfit test kit for pressure testing underfloor loops. Suitable for up to 12 loops. For non permanent use.
	TESTSET	Pressure Test Kit Excluding Elbows for UF Pipes An easy, reusable pushfit test kit for pressure testing underfloor loops. Suitable for up to 12 loops. For non permanent use. Excludes elbows.

[View Price \\$](#)



Code	Description
 STPRESSGAUF	Pressure Gauge 100mm Face 0-10 Bar 1/2" Pressure gauge for air or water with large, easy-to-read face. Ideal for pressure testing of underfloor pipes during construction as pressure deviation is easy to see.
 UFLUSH	Underfloor Heating Flushing Cart Fantastic product for purging air from underfloor heating systems when commissioning. Uses minimal water compared to traditional methods and eliminates debris. Easy method of inhibitor dosing systems as well. Complete kit with 3m hose.
 UFJR	FAR Joint Repair Connector Chrome plated 3/4" eurocone. Fantastic sliding sleeve make repairs a breeze.
 EMEUEOSPLIT	3/4" Eurocone Splitter For equal length short loops.
 HONUFRETLIM	Honeywell UF Return Limiting Valve This compact regulation valve enables 'add on' underfloor heating to radiator systems. Maximum 15sqm ² of underfloor heating. Ideal for adding underfloor heating to bathrooms or other tiled areas. Recommend checking of system pressure drop.
 VRELUFMIX	Reliance Underfloor Mixing Valve Simple underfloor mixing valve for bespoke configuration application. 25mm with 3/4" BSPM connections.
 UFWTG	Winkler Underfloor Tacker Gun Make stapling underfloor pipe to polystyrene easy with this tacker gun.

Variotherm

For years we have known the human body is most comfortable when heated radiantly, such as standing in the sun, but more recent understanding shows that cooling the body radiantly is also preferred to moving air as typical air conditioning does. Positioning water pipes in the walls and ceilings of homes enables heated or chilled water to provide gentle radiant comfort without noise, drafts or dust movement.

For 40 years, Austrian company Variotherm has been perfecting indoor climate comfort and Central Heating New Zealand are proud to be associated with this innovative company, and offer their products in New Zealand.

The Variotherm Module Wall and Ceiling is an ideal enhancement to room cooling. The rooms are pleasantly cooled in summer and heated in winter to an even temperature. Variotherm cooling is a healthy alternative to standard air conditioning systems as the rooms are cooled over the entire surface, creating an even, comfortable room temperature, making you feel comfortable all year round. It also saves up to 30% of energy costs compared to standard air conditioning units, and as there is no forced air, there is no noise.

VarioComp

[Learn More](#)

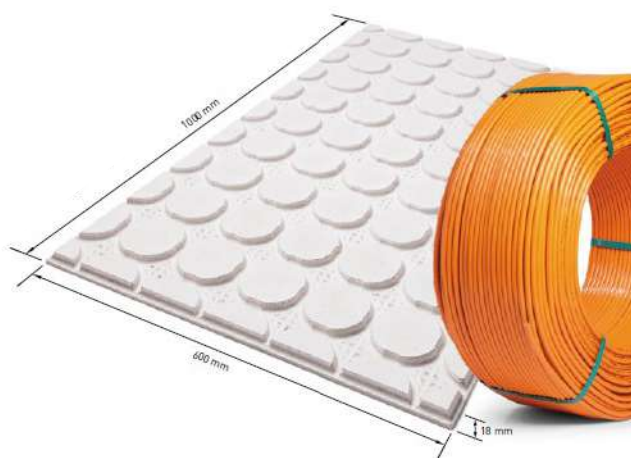


- 1m² Vario Membrane
- 1m² VarioComp panel
- 10m VarioProFile pipe 11.6 x 1.5
- 1.5kg VarioComp filling compound
- Labour hours to install 1m² – 0.75 hrs (experienced installer)
- Excludes pipe connectors, manifolds, feed pipes, and controls

VarioComp provides the ideal heat distribution for the human body (warmest at feet, coolest near head), but can also be used as a cooling option. Unlike the traditional in-slab method of underfloor heating and cooling, VarioComp sits on top of the concrete slab allowing for a fast reaction time when the room temperature needs to be cooled down on those hot days.

The advantages:

- Heating and cooling floor in one
- Ideal for both retro fit and new builds
- Silent, no draughts, energy-efficient
- Ideal form of heating that also cools



For design and install guides, approx product pricing per 1m² or specialist designed layout please contact us on **0800 357 1233**

VarioComp Underfloor

View Price \$









The best underfloor heating system in the world. Thin, light-weight, high-efficiency floor heating system from Austrian heating leader Variotherm.

	Code	Description
	VT116-100	VarioComp Pipe 11.6 100m coil
	VT116-300	VarioComp Pipe 11.6 300m coil
	VT116-500	VarioComp Pipe 11.6 500m coil
	VTPANEL	VarioComp Panel 1000 x 600mm
	VTBLANKPAN	VarioComp Blank Panel 1000 x 600 x 18mm
	VTFILL	VarioComp Filling Compound 25kg bag 6kg per m ² (4m ² per bag).
	VTEIS	VarioComp Edge Insulation Strip 75mm 25m per roll.
	VTAT	VarioComp Adhesive Tape
	VTMEMBRANE	VarioComp Polythene Membrane 1030mm x 50m (50m ² per roll).






[View Price \\$](#)



	Code	Description
	VTCLTRACK	VarioComp Clamp Track 1m length
	VTREAM	VarioComp Reamer
	VTSCRAPE	VarioComp Scraper 600mm
	VTFORM77	VarioComp Form 77mm spacing
	VTFORM115	VarioComp Form 115mm spacing
	VTBUCKET	VarioComp Bucket 30L
	VT116116J	VarioComp Press-fit Joiner 11.6 x 11.6 (TH Profile)
	VT16116J	VarioComp Press-fit Joiner 16 x 11.6 (TH Profile)

View Price \$



	Code	Description
	VT116116E	VarioComp Press-fit 90° Elbow 11.6 x 11.6 (TH Profile)
	VT34116CON	VarioComp Connector 3/4" Euro x 11.6
	VTPPD	VarioComp Pipe Decoiler Convenient work height with better security of pipe coil.
	VPIPELOC	Variotherm Pipe Locator The pipe locator with LED indicator light and beeper locates aluminium multilayer compound pipes in the wall.
	KLCRTOOLTH116	Klauke Mini 11.6mm Jaw (TH Profile)
	KLCRTOOLTH16	Klauke Mini 16mm Jaw (TH Profile)

ModuleWall

[Learn More](#)



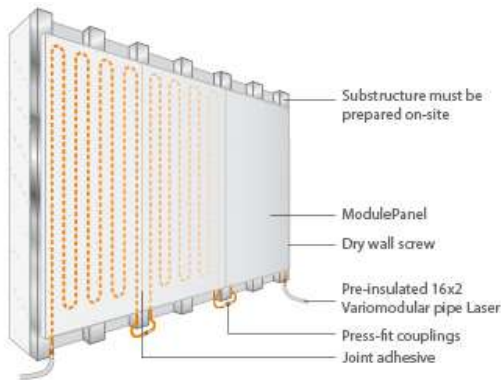
Wall heating is one of the oldest forms of heating. The Romans already knew the value of the comfortable warmth provided by wall heating, and used this method to heat their homes. With water-based wall heating, the surface of the entire wall is quickly and evenly heated up using a pipe system. During the summer, the ModuleWall can be used to cool the room to a comfortable temperature.

The Advantages

- Heating, cooling and finished wall in one!
- Ideal for both retro fit and new builds
- Silent, no draughts, energy efficient

Module Standard Panel – Classic

- 1m² Variotherm Module Panel - Classic
- Includes proportionate press-fit couplings
- Includes proportionate joint adhesive
- Includes proportionate dry wall screws
- Labour hours to install 1m² – 1.0 hr
- Excludes pipe connectors, manifolds, feed pipes, and controls



ModuleCeiling



The Advantages

- Heating, cooling and finished ceiling in one!
- Ideal for both retro fit and new builds
- Silent, no draughts, energy-efficient
- Flexible panel system for all construction requirements

Module Standard Panel – Classic

- 1m² Variotherm Module Panel - Classic
- Includes proportionate press-fit couplings
- Includes proportionate joint adhesive
- Includes proportionate dry wall screws
- Labour hours to install 1m² – 1.0 hr
- Excludes pipe connectors, manifolds, feed pipes, and controls

Module Standard Panel – Acoustic

- 1m² Variotherm Module Panel - Acoustic
- Includes proportionate press-fit couplings
- Includes proportionate joint adhesive
- Labour hours to install 1m² – 1.0 hr
- Excludes pipe connectors, manifolds, feed pipes, and controls

Ceiling cooling helps you keep a cool head on hot days. It's a healthy alternative to standard air conditioning systems and can also be installed in existing offices, meeting rooms, family homes and apartments. The rooms are cooled over the entire ceiling and an even, comfortable room temperature is created.

For approx product pricing per 1m² please contact us on **0800 357 1233**

Variotherm Module Wall and Ceiling Panels

View Price \$









	Code	Description	Dim (H x W x D)
	VTMPC1000600	Variotherm Fixed height Module-Panel-Classic	1000 x 600 x 18
	VTMPC2000312	Variotherm Fixed height Module-Panel-Classic	2000 x 312 x 18
	VTMPC2000600	Variotherm Fixed height Module-Panel-Classic	2000 x 600 x 18
	VTMPB1000600	Variotherm Fixed height Module-Panel-Blank	1000 x 600 x 18
	VTMPB2000600	Variotherm Fixed height Module-Panel-Blank	2000 x 600 x 18
	VTMPCV1000600	Variotherm Variable height Module-Panel-Classic	1000 x 600 x 18
	VTMPCV2000600	Variotherm Variable height Module-Panel-Classic	2000 x 600 x 18

Variotherm Module Wall and Ceiling Accessories

View Price \$



	Code	Description
	VTJOINT	Variotherm Wall and Ceiling panel Joint Adhesive
	VTDJOINT	Variotherm Wall and Ceiling panel Duo Joint Adhesive
	VTDJOINTT	Variotherm Wall and Ceiling panel Duo Joint Adhesive Tip
	VTDCAULK	Variotherm Wall and Ceiling panel DuoCaulking Gun Battery powered tool available for hire.
	VTDWS250	Variotherm Wall/Ceiling panel galv dry wall screw pack of 250
	VT16116JE	Variotherm Press-fit 90 Elbow 16 x 11.6



Cooling & MDH

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Medium Density Housing (MDH)	113

Hydronic Cooling

Cooling Products



Cooling Options



Cooling dwelling and office spaces using water based delivery systems has been used extensively around the world for decades, but now an addition to the technology is using floor, wall and ceiling surfaces with water pipes to radiantly cool. Interest in this approach is gaining popularity world-wide as people discover the benefits. This form of cooling is new to the New Zealand market and you can learn more about the options available.

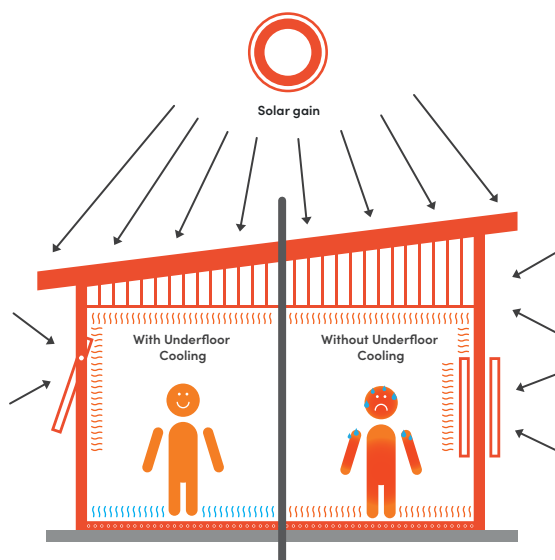
Inslab Underfloor Radiant Cooling

The rise in popularity of inslab heated floors in New Zealand over recent years has led Central Heating New Zealand to research the European market on the suitability of cooling the slabs to provide cooling relief comfort for the warmer months. Using the same air-to-water heat pump for warming the floor slab in winter, we can now confidently put it in a reverse cycling cooling mode, and it cools the floor slab down.

We have been involved in a range of commercial radiant underfloor cooling projects with the first one being the Halswell Residential College, in Christchurch in 2012 where we worked closely with the consultant for a successful heating and cooling underfloor system commissioned in 2016. Since then we have undertaken testing at our own premises, cooling the 200m² showroom underfloor system and monitoring performance and the actual feeling to the staff.

The advantages of this type of cooling are:

- The radiant cooling effect from underfloor cooling provides an increase in human comfort with only a marginal decrease in air temperature.
- Much higher flow temperatures are used in the slab than in a fan coil system which significantly increases the system efficiency.
- As we are cooling the surface and not just the air, having doors and windows open has a reduced effect on the running costs of the underfloor cooling system. This factor increases the suitability for the Kiwi summer lifestyle.
- Central Heating New Zealand has specifically designed the new intuitive Smart One Controller for New Zealand radiant heating and cooling systems.



We have now supplied radiant cooling solutions to homes throughout New Zealand and the feedback has been great, when the design of the home and floor coverings result in high cooling performance, Kiwis have told us that the comfort levels achieved by radiant cooling are great and they enjoy the freedom this cooling option provides.

NB: Specialist cooling design by Central Heating New Zealand is recommended.

Refer to the QR Code for products often used in hydronic cooling systems.

Medium Density Housing (MDH)

Learn More



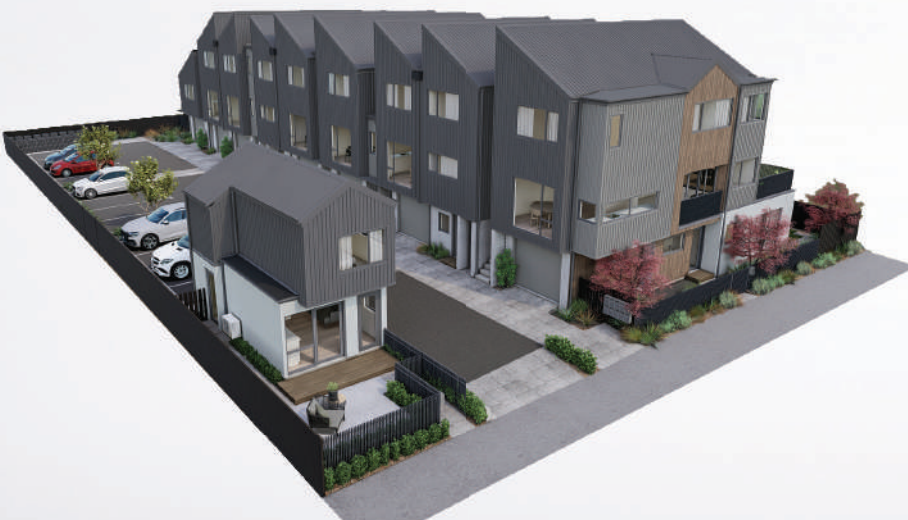
Elevate the comfort and well-being of your medium density housing (MDH) projects with Central Heating New Zealand, where excellence in radiant home comfort meets over 22 years of unmatched expertise in central heating.

Our state-of-the-art, tailored central heating systems provide homeowners with the ultimate in heating comfort. Our skilled and knowledgeable sales team specialise in the intricacies of incorporating central heating into MDH projects, working closely with developers, builders, and installers to ensure seamless communication between customer requirements and our design engineers.

Explore the advantages of our tailored central heating systems, designed for easy installation, promoting healthy home standards by isolating refrigerants from living areas, and preventing the spread of dust particles and allergens.

With a commitment to superior whole-home heating solutions, low-cost hot water production systems, and the appeal of offering a central heating system as a unique selling point, Central Heating New Zealand is your key to transforming MDH projects into havens of unparalleled warmth and luxury.

If you have any enquiries about Medium Density Housing (MDH), please contact us directly via mdh@centralheating.co.nz





Controls

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Programmable Thermostats

View Price \$



Smart One Thermostat



The Smart One is a smart device designed to control radiant heating and radiant cooling systems. Coupled with a built in WiFi module, the thermostat is able to connect to the user's home or office network and interface with the Smart365 Cloud, thereby allowing for remote control of a single or a set of thermostats. They'll learn from you and your home and work to help keep you comfortable and save energy.

- App control
- Heating and cooling
- Self-learning with geo-location
- Innovative regulation strategies for energy saving
- Floor probe - Min/Max floor temperature
- Auto-Schedule
- Humidity sensing for radiant cooling

Code	Description
CHSMART1	CHNZ Smart One Digital Programmable Thermostat



Nest 3rd Generation Learning Thermostat

The Nest 3rd Generation Thermostat learns every time you adjust the temperature. That's how it builds a schedule for your home. So, in your first week with Nest, teach it well – turn it up when you want to be cosy, turn it down to save energy.

- App control
- Quick view menu and farsight (large display format that's easy to read)
- 2 channel for heating and DHW production
- Auto-Schedule
- Suitable for wireless installation on retrofits. **Wired connection recommended*

Code	Description
NEST3S	Nest 3rd Generation LearningThermostat Silver



Nest Learning Thermostat Stand

A stand allows you to place your Nest thermostat on a shelf, table or desk, instead of mounting it on the wall.

Code	Description
NEST5	Nest Learning Thermostat Stand



Honeywell Programmable Thermostat

Simplifies temperature scheduling, offering a high level of usability and automated control.

- 7 day, 5/2 day or 24 hour programmable, 4 On/Off periods per day
- 3 preset programmes and holiday mode
- Backlit LED display
- Holiday mode
- Includes 2x AA batteries

Code	Description
CHWT4	Honeywell T4 Wired Programmable Thermostat



Programmable Thermostat Battery Powered

User-friendly battery powered programmable thermostat providing up to 4 different temperatures at different times of the day.

- 4 comfort levels per day
- Weekday/Weekend or 7 day programming options
- Holiday facility
- Keypad lock facility
- Override temperature until next programmed comfort level

Code	Description
CHPRTB	Programmable Thermostat Battery Powered



Digital Programmable Thermostat 230V

User friendly slim programmable digital thermostat.

- Thermostat or programmable thermostat with probe
- Control the whole heating system or just one room
- Minimum floor temperature setting making it ideal for New Zealand's high thermal mass slabs
- Air and floor control
- Requires Euro flush box (CHFLBOX)

Code	Description
CHWDT	Digital Programmable Thermostat 230V



Analogue Thermostat 230V

Simple slim air and floor thermostat with minimum floor temperature making it ideal for New Zealand's high mass heated slabs.

- Set back function
- Includes floor probe
- Requires Euro flush box (CHFLBOX)

Code	Description
CHWAT	Analogue Thermostat 230V

Thermostats

View Price \$



Pipe Thermostat 20-90° Strap On

Easy to fit pipe thermostat that mounts directly to pipework and senses the temperature of the fluid flowing through it.

- Temperature range of 20–90°C
- Good metal to metal contact required

Code	Description
STATPIPE20-90	Pipe Thermostat 20-90° Strap On



Immersion Thermostat 10-90°

Temperature control thermostat for use in hot water cylinders or buffer tanks. When inserted in a pocket in the cylinder, it can be wired to turn on or off a pump or valve.

- Temperature range of 10–90°C
- 5mm diameter sensor

Code	Description
HONAS	Immersion Thermostat 10–90° with Pocket – 15mm BSP



Thermostat Pocket

15mm BSPM Pocket for immersion thermostat to be used in a cylinder.

- Temperature range of 10–90°C
- 5mm diameter sensor

Code	Description
HONASPSS	Immersion Thermostat Pocket Stainless

Controls Accessories

View Price \$



Euro Flush Box

For European thermostats. Suitable for use with most of Central Heating New Zealand's thermostats.

Code	Description
CHFLBOX	Euro Flush Box
CHFLBOX10	Euro Flush Box pack of 10



Plastic Euro Flush Box

White, plastic dry flush box. For mounting electrics into dryline cavity walls. Suitable for use with most of Central Heating New Zealand's thermostats. Has no earth.

Code	Description
CHPFLBOX	Plastic Euro Flush Box 1 Gang 35mm



Honeywell 10-way Junction Box

The Honeywell Junction Box is used for wiring the connection of zone valves and time programmers for S plan wiring or other configurations that utilise a strip connector for joining wires.

Code	Description
HONWIR10	Honeywell 10-way Junction Box



Floor Probe Only

Suitable for Honeywell, Watts and Heatmiser controllers.

Code	Description
WATFP	Watts Thermostat Floor Probe



Flow Switch

For use with heat pumps for protection particularly in chilling mode.

Code	Description
UFFSW18	FAR Flow Switch 1-8"

Heatmiser Neo Range

View Price \$



Neo Digital Programmable Thermostats

The Heatmiser NeoStat is 230V powered. NeoStat can operate in timer or heating mode and can be used with remote sensors.

- App control with NeoHub
- 230V AC
- Ideal for radiator central heating systems

Code	Description
CHWDTN	Neo Digital Programmable Thermostat 230V – White
CHWDTNB	Neo Digital Programmable Thermostat 230V – Black



Neo Digital Programmable Thermostat Hub

The NeoHub Gen 2 handles network communication between the NeoStat, NeoAir and NeoPlug and is very much the brain of the Neo System. You will require the NeoHub if you're looking to control your heating and hot water system from your smartphone.

- Connects up to 32 devices
- Connects via ethernet port
- Auto updates
- 230V AC

Code	Description
CHWDTNH	Neo Digital Programmable Thermostat Hub

Underfloor Controls Wired

View Price \$



Underfloor Control Box 6 Zone for hard wiring

This Wired Control Box connects the room thermostats, manifold actuators, heat source and circulating pump.

6 zones with up to 4 actuators attached to each zone can be used.

Code	Description
WATWCB	Watts Wired Control Box 6 Zone
WATHWCBS	Watts Wired Control Box Extension 6 Zone



Manifold Actuator NC

Controls the underfloor manifold ports on a FAR manifold for control of underfloor zones in the heating system. Standard wiring configuration.

Code	Description
UFMACTF	FAR Manifold Actuator NC 230v
UFMACT24	FAR Manifold Actuator NC 24v



FAR Actuator with end switch (NC) - 230V for UF Manifold

Controls the underfloor manifold ports on a Watts and iTap manifold for control of underfloor zones in the heating system. End switch actuation for specific control.

Code	Description
UFMAS	FAR Actuator with switch NC

Hybrid Systems

Learn More



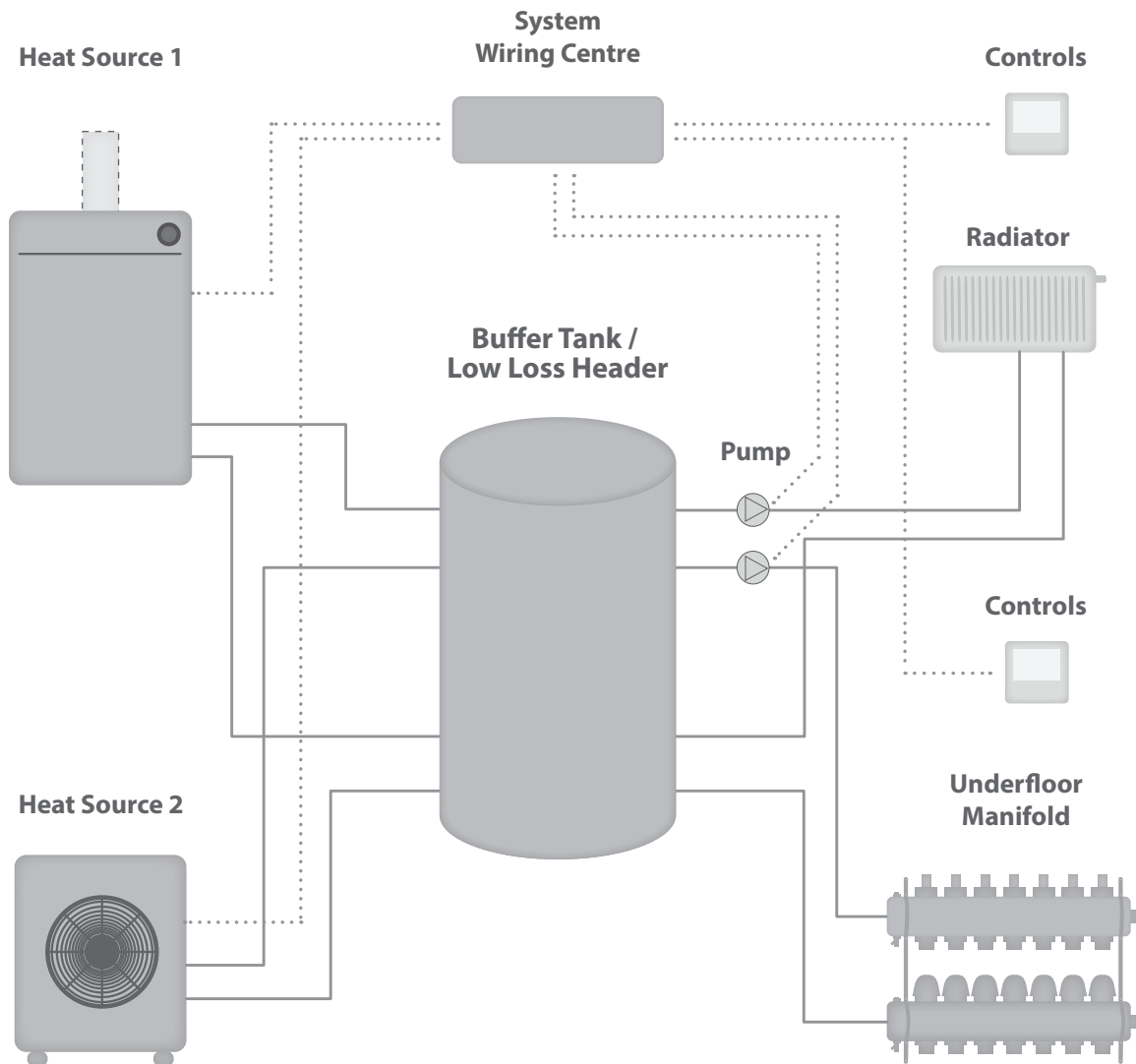
For projects where a single Heat Pump may not make sense, a good option may be a hybrid central heating system which combines a Heat Pump and Diesel/Gas boiler.

This system offers the benefits of both Heat Pump and Boiler technology. Heat pumps are highly efficient and can reduce energy consumption and costs by extracting heat from the air or ground outside the home and using it to heat the interior. Diesel or Gas boilers on the other hand, are highly reliable as they can provide a stable water temperature even in extremely cold temperatures. By using a hybrid system, a homeowner can take advantage of the efficiency benefits of a heat pump while still having the backup of a boiler for extremely cold weather.

This can provide added peace of mind and ensure that the home is always warm and comfortable.

Additionally, by using the integral controls built into our Chofu heat pumps, the system can automatically switch between the heat pump and the diesel boiler. Depending on the outdoor temperature/heating demand, this type of hybrid system will maximize efficiency and work to minimize costs while maintaining a comfortable space temperature.

Central Heating New Zealand is developing tools and resources to assist with the design and specification of hybrid systems. Please [contact us](#) for more information regarding a system and if it is right for your customers.





Hot Water Production & Storage

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Domestic Hot Water Cylinders

View Price \$



Indirect Single Coil Hot Water Cylinder Kit

Baxi stainless steel indirect single coil cylinders are robust, light and aesthetically pleasing. They are specifically designed for pumped systems. Duplex stainless steel offers superior resistance to corrosion, especially in aggressive water areas, without the need of a sacrificial anode. Includes transport handle.

- 50mm insulation
- Built-in control stat for boiler or heat pump
- Includes TPR kit
- Includes electric element 3kW 1P
- Very high quality and performance – 10-year warranty*

Code	Description	Size	Height	Diameter
BXHWKIT200	Baxi HWC 200L Indirect Single Coil Kit	200L	1474mm**	552mm
BXHWKIT300	Baxi HWC 300L Indirect Single Coil Kit	300L	2040mm**	552mm

* Refer to the warranty in terms of conditions on [page 166](#)

**Please allow for an additional 300mm height to install the supplied TPR kit.



Indirect Twin Coil Hot Water Cylinders

Baxi stainless steel indirect twin coil cylinders are robust, light and aesthetically pleasing. They are specifically designed for pumped systems. Duplex stainless steel offers superior resistance to corrosion, especially in aggressive water areas, without the need of a sacrificial anode. Includes transport handle.

- 60mm insulation
- Built-in control stat for boiler or heat pump
- Includes electric element 3kW 1P
- Very high quality and performance – 10-year warranty*

Code	Description	Size	Height	Diameter
BXHWC300TWC	MegaFlo HWC 300L Indirect Twin Coil	300L	2053mm	579mm

* Refer to the warranty in terms of conditions on [page 166](#)

Code	Description
BXHWCEE	<p>Baxi HWC Electric Element 3kW 1P</p> <p>This element is for use with Baxi domestic cylinders. The 90°C element heats all the way to the bottom of the tank.</p>



Premier Plus Commercial Cylinders

Leading the way in cost effective
water heating

- Up to 2,500 litres
- Working pressure up to 10 bar
- Auxiliary elements up to 54kW
- 60 minutes heat recovery
- 100mm foam insulation
- Duplex stainless steel
- 10 year warranty*

BAXI



* Refer to the warranty in terms of conditions on [page 166](#)

0800 357 1233 | commercial.centralheating.co.nz

 **Central Heating**
COMMERCIAL

Commercial Hot Water Cylinders

View Price \$



Indirect Single Coil Hot Water Cylinders

Baxi commercial cylinders are robustly built from Duplex Stainless Steel. They feature a high capacity indirect coil and have a maximum working pressure of 8 bar (500L) and 10 bar (800L and 1000L).

- Includes 10 bar TPR (500L–BXZHWCTPRV500, 800/1000L–BXZHWCTPRV800)
- Very high quality and performance–10-year warranty*





Code	Description	Size	Height	Diameter
BXHWC500	Baxi HWC 500L Indirect Single Coil 8bar	500L	1,820mm	924mm
BXHWC800	Baxi HWC 800L Indirect Single Coil 10bar	800L	1,923mm	1010mm
BXHWC1000	Baxi HWC 1,000L Indirect Single Coil 10bar	1,000L	2,318mm	1010mm

* Refer to the warranty in terms of conditions on [page 166](#)

Hot Water Cylinder Accessories

View Price \$



	Code	Description
	BXHWCEE9	Baxi HWC Electric Element 9kW 1P (for BXHWC800/BXHWC1000) Commercial grade single phase electric element.
	BXHWCEEC	Baxi HWC Electric Element 3kW 1P (for BXHWC500) This element is for use with the Baxi 500L commercial cylinder. The 90°C element heats all the way to the bottom of the tank.
	BXHWCEE93PC	Baxi 9kW Element Busbar Kit To convert 9kW element from single to 3 phase. For commercial Baxi cylinders.
	BXCSHT	Baxi HWC Sensor For use with heat pumps or gas boilers to control external domestic hot water cylinders.

Solutions for every Installation

- Multiple tank configuration and material options
- Perfect temperature distribution
- Up to 10,000 litre capacity
- Indoor and outdoor options available
- Suitable for heating and cooling 🔥 ❄️
- VM3 Compliant solutions available



Buffer Tanks

[View Price \\$](#)



Fiorini thermal store buffer tanks have many uses in a hydronic system. Decoupling a heat source from the emission system enables ideal circulation without compromising the heat source. Mixing of several different heat sources or inputs and storage of heat in biomass or chilling systems reduces short cycling and enables better efficiency. The tanks are made of carbon steel and are fully insulated for both hot and cold use. Fiorini has a huge catalogue of up to 10,000L cylinders that are available as indent order. Please ask your rep for details.



Mini HC Buffer Tanks

Thermal store buffer tank for decoupling heat pumps or storing heat for boilers.

- Use for heating and cooling systems
- Carbon steel
- Wall mounted
- Insulation type: high density rigid polyurethane foam. Full coverage for hot and chilled water.

Code	Description	Height	Diameter
TS45MHC	Thermal Store 45L Mini HC	700mm	370mm
TS85MHC	Thermal Store 85L Mini HC	780mm	460mm



VKG-HC Buffer Tank

Thermal store buffer tank for decoupling heat pumps or energy from boilers or chillers.

- Mild steel
- For hot and chilled water
- Well insulated, 30–100mm soft insulation
- Includes mounting feet



Code	Description	Height	Diameter
TS200VKGHC	Fiorini VKG-HC Thermal Store 200L 90° Ports	1,335mm	510mm
TS500HC	Fiorini HC Thermal Store 500L 180° Ports	1,735mm	750mm
TS1000VKGHC	Fiorini VKG HC Thermal Store 1,000L Dual (90 and 180°) Ports. For heating and cooling.	2,075mm	1050mm

Custom tanks available on request.

[View Price \\$](#)



Buffer Tank Accessories

	Code	Description
	TSHWT	Fiorini Thermometer and Pocket 1/2" 0°–120°C Thermometer for use on thermal store buffer tanks. 100mm brass pocket. 1/2" male thread.
	TSE3KIT	3kW Element & Thermostat, stat with pocket, sensor & PRV





Multitubo Pipe System

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Inverse PE-RT Pipe

View Price \$



Inverse PE-RT Pipe Coils

Polyethylene pipe from Multitubo with raised temperature resistance specifically for underfloor heating application.

- BRANZ appraised (Number 916)
- 16mm x 2mm
- Strong yet highly flexible
- Product life in excess of 50 years; suitable for embedding in concrete floor slab
- Maximum operating temperature of 70°C
- EVOH oxygen barrier inside the middle of the pipe
- Manufactured in Germany

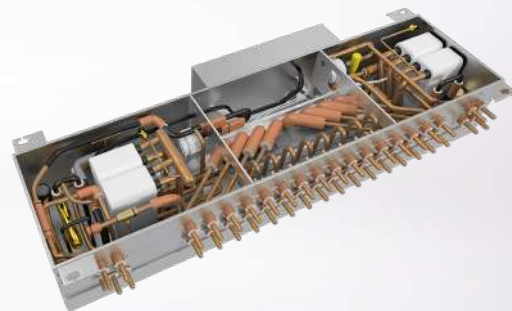
Code	Description	Dimensions
MT16PERT-300	MT 16 PE-RT UF Pipe 300m Coil	16 x 2mm
MT16PERT-500	MT 16 PE-RT UF Pipe 500m Coil	16 x 2mm

H-VRF Pipe Connection Kit

The Mitsubishi Electric H-VRF system uses water as the heat transfer medium between the HBC box and terminal units. This achieves a significant reduction in the amount of refrigerant charge required, reducing the need for refrigerant leak detection systems. Lower refrigerant volumes are also better for the environment.

Our commercial team will provide a complete materials take-off to make the installation and planning of these systems easy.

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 **Central Heating**
COMMERCIAL

Composite Pipe

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- German manufactured pipe system
- Multi-layer composite pipe suitable for potable hot and cold water supply, radiant heating and underfloor heating elements
- BRANZ appraised for use as the piping components for water supply as per the scope of New Zealand Building Code (NZBC) Acceptable Solution G12/AS1, and Verification Method G12/VM1 and as pipe for proprietary heating systems subject to specific design
- To find out more, visit BRANZ.co.nz and view appraisal 740
- 25-year warranty*

* Refer to the warranty in terms of conditions on [page 166](#)



Composite Pipe coils

Code	Description	Dimensions
MT16-100	MT 16 Composite Pipe 100m Coil	16 x 2mm
MT16-200	MT 16 Composite Pipe 200m Coil	16 x 2mm
MT16-500	MT 16 Composite Pipe 500m Coil	16 x 2mm
MT20-100	MT 20 Composite Pipe 100m Coil	20 x 2.25mm
MT25-50	MT 25 Composite Pipe 50m Coil	25 x 2.5mm
MT32-50	MT 32 Composite Pipe 50m Coil	32 x 3mm
MT40-50	MT 40 Composite Pipe 50m Coil	40 x 4mm



Insulated composite Pipe coils

Code	Description	Dimensions
MT16IN4-100	MT 16 Composite 4mm Preinsulated Pipe 100m Coil	16 x 2mm
MT16IN13-50	MT 16 Composite 13mm Preinsulated Pipe 50m Coil	16 x 2mm
MT20IN13-50	MT 20 Composite 13mm Preinsulated Pipe 50m Coil	20 x 2.25mm
MT25IN13-50	MT 25 Composite 13mm Preinsulated Pipe 50m Coil	25 x 2.5mm
MT32IN13-50	MT 32 Composite 13mm Preinsulated Pipe 50m Coil	32 x 3mm
MT40IN26-25	MT 40 Composite 26mm Preinsulated Pipe 25m Coil	40 x 4mm



Composite Pipe Lengths

[View Price \\$](#)



Code	Description	Dimensions
MT16-5T	MT 16 Composite Pipe 5m Straight length (Pack of 25)	16 x 2mm
MT20-5T	MT 20 Composite Pipe 5m Straight length (Pack of 17)	20 x 2.25mm
MT25-5T	MT 25 Composite Pipe 5m Straight length (Pack of 10)	25 x 2.5mm
MT32-5T	MT 32mm Composite 5m Straight Pipe (Pack of 7)	32 x 3mm
MT40-5	MT 40mm Composite Pipe 5m Length	40 x 4mm
MT50-5	MT 50mm Composite Pipe 5m Length	50 x 4.5mm
MT63-5	MT 63mm Composite Pipe 5m Length	63 x 6mm

Composite Press Fittings

[View Price \\$](#)




Nickel-plated brass fitting with stainless steel press rings.

FT Connector (Female Thread)




Code	Description	Per Bag
MT1612FT	MT 16 X 1/2" FT	10
MT1634FT	MT 16 X 3/4" FT	10
MT2012FT	MT 20 X 1/2" FT	10
MT2034FT	MT 20 X 3/4" FT	10
MT201FT	MT 20 X 1" FT	10
MT251FT	MT 25 X 1" FT	10
MT2534FT	MT 25 X 3/4" FT	10
MT321FT	MT 32 X 1" FT	10
MT32114FT	MT 32 X 1 1/4" FT	10


FT Swivel Connector

	Code	Description	Per Bag
	MT1612FTSV	MT 16 X 1/2" FT Swivel	10
	MT2012FTSV	MT 20 X 1/2" FT Swivel	10
	MT2034FTSV	MT 20 X 3/4" FT Swivel	10
	MT2534FTSV	MT 25 X 3/4" FT Swivel	10
	MT251FTSV	MT 25 X 1" FT Swivel	10
	MT321FTSV	MT 32 X 1" FT Swivel (Un-plated)	10
	MT32114FTSV	MT 32 X 1 1/4" FT Swivel	8

MT Connector (Male Thread)


	Code	Description	Per Bag
	MT1612MT	MT 16 X 1/2" MT	10
	MT1634MT	MT 16 X 3/4" MT	10
	MT2012MT	MT 20 X 1/2" MT	10
	MT2034MT	MT 20 X 3/4" MT	10
	MT201MT	MT 20 X 1" MT	10
	MT251MT	MT 25 X 1" MT	10
	MT2534MT	MT 25 X 3/4" MT	10
	MT321MT	MT 32 X 1" MT	10
	MT32114MT	MT 32 X 1 1/4" MT	10

MT Elbow (Male Thread)


	Code	Description	Per Bag
	MT1612MTE	MT 16 X 1/2" MT Elbow	10
	MT2034MTE	MT 20 X 3/4" MT Elbow	10
	MT2534MTE	MT 25 X 3/4" MT Elbow	10
	MT251MTE	MT 25 X 1" MT Elbow	10
	MT321MTE	MT 32 X 1" MT Elbow	6

[View Price \\$](#)


Mt Elbow (Female Thread)

	Code	Description	Per Bag
	MT1612FTE	MT 16 X 1/2" FT Elbow	10
	MT2034FTE	MT 20 X 3/4" FT Elbow	10
	MT2534FTE	MT 25 X 3/4" FT Elbow	10
	MT251FTE	MT 25 X 1" FT Elbow	6
	MT321FTE	MT 32 X 1" FT Elbow	6


Wingback

	Code	Description	Per Bag
	MT1612WB	MT 16 X 1/2" Wingback	10
	MT2012WB	MT 20 X 1/2" Wingback	10
	MT2034WB	MT 20 X 3/4" Wingback	10
	MT2534WB	MT 25 X 3/4" Wingback	6

Equal Joiner

	Code	Description	Per Bag
	MT1616J*	MT 16 X 16 Joiner	10
	MT2020J*	MT 20 X 20 Joiner	10
	MT2525J*	MT 25 X 25 Joiner	10
	MT3232J*	MT 32 X 32 Joiner	10


Reducer

	Code	Description	Per Bag
	MT2016*	MT 20 X 16 Reducer	10
	MT2516*	MT 25 X 16 Reducer	10
	MT2520*	MT 25 X 20 Reducer	10
	MT3220	MT 32 X 20 Reducer	10
	MT3225*	MT 32 X 25 Reducer	10


*Available in PPSU

[View Price \\$](#)


Elbow

	Code	Description	Per Bag
	MT1616E*	MT 16 X 16 Elbow	10
	MT2020E*	MT 20 X 20 Elbow	10
	MT2525E*	MT 25 X 25 Elbow	10
	MT3232E*	MT 32 X 32 Elbow	4

Equal Tee

	Code	Description	Per Bag
	MT161616*	MT 16 X 16 X 16 Tee	10
	MT202020*	MT 20 X 20 X 20 Tee	10
	MT252525*	MT 25 X 25 X 25 Tee	4
	MT323232*	MT 32 X 32 X 32 Tee	4


Unequal Tee

	Code	Description	Per Bag
	MT162016*	MT 16 X 20 X 16 Tee	10
	MT201616*	MT 20 X 16 X 16 Tee	10
	MT201620*	MT 20 X 16 X 20 Tee	10
	MT202016*	MT 20 X 20 X 16 Tee	10
	MT202520	MT 20 X 25 X 20 Tee	10
	MT251616	MT 25 X 16 X 16 Tee	10
	MT251620	MT 25 X 16 X 20 Tee	10
	MT251625*	MT 25 X 16 X 25 Tee	4
	MT252020*	MT 25 X 20 X 20 Tee	4
	MT252025*	MT 25 X 20 X 25 Tee	4
	MT252516	MT 25 X 25 X 16 Tee	4
	MT321632	MT 32 X 16 X 32 Tee	4
	MT322032*	MT 32 X 20 X 32 Tee	4
	MT322525	MT 32 X 25 X 25 Tee	4
	MT322532*	MT 32 X 25 X 32 Tee	4


*Available in PPSU

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Threaded Tee

	Code	Description	Per Bag
	MT1612FT16	Threaded Tee, 16 x 1/2 FT x 16	10
	MT2012FT20	Threaded Tee, 20 x 1/2 FT x 20	10
	MT2512FT25	Threaded Tee, 25 x 1/2 FT x 25	4
	MT2534FT25	Threaded Tee, 25 x 3/4 FT x 25	4
	MT3234FT32	Threaded Tee, 32 x 3/4 FT x 32	4


End Cap

	Code	Description	Per Bag
	MT16EC	MT 16 End Cap	10
	MT20EC	MT 20 End Cap	10
	MT25EC	MT 25 End Cap	10
	MT32EC	MT 32 End Cap	10


FAR Joint Repair Connector

	Code	Description	Per Bag
	UFJR	FAR Joint Repair Connector Chrome Plated 3/4" Eurocone. Fantastic sliding sleeve makes repairs a breeze.	1


Composite to Copper Connector

	Code	Description	Per Bag
	CCU5042	MT Composite to Copper Connector U25 x 22CU	1
	CCU904042	MT Composite to Copper Connector U20 x 22CU	1

Chrome Riser

	Code	Description	Per Bag
	MT16E15350	MT 16 Composite x 15mm Chrome Riser 350mm	1

Eurocone Splitter

	Code	Description	Per Bag
	EMEUCOSPLIT	3/4" Eurocone Splitter	1


PPSU Press Fittings

View Price \$




Cost efficient high temperature PPSU fittings with stainless steel press rings.


Equal Joiner

	Code	Description	Per Bag
	MTPP1616J	MT 16 X 16 Joiner PPSU	10
	MTPP2020J	MT 20 X 20 Joiner PPSU	10
	MTPP2525J	MT 25 X 25 Joiner PPSU	10
	MTPP3232J	MT 32 X 32 Joiner PPSU	10


Reducer

	Code	Description	Per Bag
	MTPP2016	MT 20 X 16 Reducer PPSU	10
	MTPP2516	MT 25 X 16 Reducer PPSU	10
	MTPP2520	MT 25 X 20 Reducer PPSU	10
	MTPP3225	MT 32 X 25 Reducer PPSU	10

Elbow

	Code	Description	Per Bag
	MTPP1616E	MT 16 X 16 Elbow PPSU	10
	MTPP2020E	MT 20 X 20 Elbow PPSU	10
	MTPP2525E	MT 25 X 25 Elbow PPSU	10
	MTPP3232E	MT 32 X 32 Elbow PPSU	4

Equal Tee

	Code	Description	Per Bag
	MTPP161616	MT 16 X 16 X 16 Tee PPSU	10
	MTPP202020	MT 20 X 20 X 20 Tee PPSU	10
	MTPP252525	MT 25 X 25 X 25 Tee PPSU	4
	MTPP323232	MT 32 X 32 X 32 Tee PPSU	4

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Unequal Tee



Code	Description	Per Bag
MTPP162016	MT 16 X 20 X 16 Tee PPSU	10
MTPP201616	MT 20 X 16 X 16 Tee PPSU	10
MTPP201620	MT 20 X 16 X 20 Tee PPSU	10
MTPP202016	MT 20 X 20 X 16 Tee PPSU	10
MTPP251625	MT 25 X 16 X 25 Tee PPSU	4
MTPP252020	MT 25 X 20 X 20 Tee PPSU	4
MTPP252025	MT 25 X 20 X 25 Tee PPSU	4
MTPP322032	MT 32 X 20 X 32 Tee PPSU	4
MTPP322532	MT 32 X 25 X 32 Tee PPSU	4

Fusion Fittings

[View Price \\$](#)

PE-RT fusion fittings for large bore Multitubo pipe. Fittings priced per unit; sold per bag.

Fusion FT Connector



Code	Description	Per Bag
MT40114FTF	MT 40 X 1 1/4" Fusion FT	2
MT50112FTF	MT 50 X 1 1/2" Fusion FT	2

Fusion MT Connector



Code	Description	Per Bag
MT40114MTF	MT 40 X 1 1/4" Fusion MT	2
MT50112MTF	MT 50 X 1 1/2" Fusion MT	2
MT632MTF	MT 63 X 2" Fusion MT	2

Fusion Reducer



Code	Description	Per Bag
MT4025AF	MT 40 X 25 Fusion Reducer	10
MT4032AF	MT 40 X 32 Fusion Reducer	10
MT5025AF	MT 50 X 25 Fusion Reducer	10
MT5032AF	MT 50 X 32 Fusion Reducer	10
MT5040AF	MT 50 X 40 Fusion Reducer	10
MT6325AF	MT 63 X 25 Fusion Reducer	10
MT6332AF	MT 63 X 32 Fusion Reducer	10
MT6340AF	MT 63 X 40 Fusion Reducer	10
MT6350AF	MT 63 X 50 Fusion Reducer	10

Fusion Tee



Code	Description	Per Bag
MT323232F	MT 32 X 32 X 32 Fusion Tee	10
MT404040F	MT 40 X 40 X 40 Fusion Tee	10
MT505050F	MT 50 X 50 X 50 Fusion Tee	10
MT636363F	MT 63 X 63 X 63 Fusion Tee	8

NEW

Fusion Elbow



Code	Description	Per Bag
MT3232EF	MT 32 X 32 Fusion Elbow	5
MT4040EF	MT 40 X 40 Fusion Elbow	5
MT5050EF	MT 50 X 50 Fusion Elbow	10
MT6363EF	MT 63 X 63 Fusion Elbow	2

NEW

Fusion Joiner











Code	Description	Per Bag
MT3232JF	MT 32 X 32 Fusion Joiner	10
MT4040JF	MT 40 X 40 Fusion Joiner	10
MT5050JF	MT 50 X 50 Fusion Joiner	10
MT6363JF	MT 63 X 63 Fusion Joiner	2

NEW

Pipe Accessories

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	Code	Description
	CPCLIPS16	Pipeclips White Nail In 16mm 100 per bag (1000 per box).
	CPCLIPS20	Pipeclips White Nail In 22mm 100 per bag (1000 per box).
	CPCLIPS25	Pipeclips White Nail In 28mm 100 per bag (1000 per box).
	CROS16C	Rosette Pipe Flange Chrome ID: 16mm OD: 46mm 100 in box
	CROS16MMW	Rosette Pipe Flange White ID: 16mm OD: 46mm 100 in box
	CROS20MMW	Rosette Pipe Flange White ID: 20mm OD: 52mm 100 in box
	CROS28W	Rosette Pipe Flange White ID: 28mm OD: 60mm 100 in box
	CSNAPC	Snappit 15mm x 200mm Chrome Pipe Cover For a sharp aesthetic. Pack of 10.
	MTM2W	2 Port Brass Plumbing Manifold 1" MF 4 per bag.
	MTM3W	3 Port Brass Plumbing Manifold 1" MF 4 per bag.
	FAR3422	FAR Chrome plated 3/4" Male to 22mm Compression
	TVRT20100-200	Flexible Extendable Stainless Steel Hose 3/4" 3/4" M x 3/4" F – 100 – 200mm length

Pipe Tools

View Price \$








	Code	Description
	KLCRTOOLM	<p>Klauke Mini MAP115ml Press tool Kit</p> <p>Compact and light weight battery operated tool for pressing of fittings with U profile. 16–32mm jaws.</p> <p>Includes carry case, battery and charger.</p> <p>Special introductory deals available, please contact your sales rep.</p>
	MTTIK	<p>Bevelling Tool Insert Kit</p> <p>Contains 16, 20, 25, 32mm inserts, and handle.</p>
	MT3WR	<p>HD 3-Way Reamer 16, 20 & 25mm</p>
	MTT1632H	Bevelling Tool Handle for Inserts 16-32mm
	MTT16B	Bevelling Tool Insert 16mm
	MTT20B	Bevelling Tool Insert 20mm
	MTT25B	Bevelling Tool Insert 25mm
	MTT32B	Bevelling Tool Insert 32mm
	MTT40B	Reamer T Handle 40mm
	MTT50B	Reamer T Handle 50mm
	MTTPD	<p>Pipe Decoiler 4 Arm</p> <p>Compact configuration and easy transportation. Ask us about a pipe and decoiler combo special offer!</p>
	MTTPB	<p>Pipe Bender Set</p>

LIMITED STOCK






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	Code	Description
	MTBS16	Inside Bending Spring 16mm Make perfect bends without kinking pipe.
	MTBS20	Inside Bending Spring 20mm Make perfect bends without kinking pipe.
	MTBS25	Inside Bending Spring 25mm Make perfect bends without kinking pipe.
	MTBS32	Inside Bending Spring 32mm Make perfect bends without kinking pipe.
	MTOBS16	Outside Bending Spring 16mm Make perfect bends without kinking pipe.
	MTOBS20	Outside Bending Spring 20mm Make perfect bends without kinking pipe.
	MTOBS25	Outside Bending Spring 25mm Make perfect bends without kinking pipe.
	MTWBT	Pipe Deburring Tool Bevel tool for deburring Multitubo composite pipe and edges of different materials. Copper, steel, brass, aluminium, plastic.
	MTTP16JG	Temporary Blanking Cap 16mm
	MTTP16	Reusable Test Plug 16mm With venting port.
	MTTP20	Reusable Test Plug 20mm With venting port.
	MTTP25	Reusable Test Plug 25mm With venting port.
	MTTP32	Reusable Test Plug 32mm With venting port.

View Price \$



Code	Description
 MTWTKIT	Multitubo Fusion Welding Kit Fusion tool kit for Multitubo composite pipe system. Includes heating iron, mandrels 25–63mm and bevel tool.
KLCRTOOLUP16	Klauke Mini 16mm U Profile Jaw Also called KSP5 profile.
KLCRTOOLUP20	Klauke Mini 20mm U Profile Jaw Also called KSP5 profile.
 KLCRTOOLUP25	Klauke Mini 25mm U Profile Jaw Also called KSP5 profile.
KLCRTOOLUP32	Klauke Mini 32mm U Profile Jaw Also called KSP5 profile.
KLCRTOOLTH116	Klauke Mini 11.6mm Jaw (TH Profile) Also called KSP11 profile. For use with VarioComp.
KLCRTOOLTH16	Klauke Mini 16mm Jaw (TH Profile) Also called KSP11 profile. For use with VarioComp.
 KLCRTOOLMB	Klauke Mini MAP115ML Press Tool Battery
 KLCRTOOLMC	Klauke Mini MAP115ML Press Tool Battery Charger
 KLCRTOOLC2	Klauke Mini MAP2L Press Tool Battery Charger



System Treatments

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Filtration

View Price \$



LIMITED STOCK



Code

Description

FXTF1

Fernox TF1 Total Magnetic System Filter 1"

Low maintenance magnetic filter that protects valves, boilers and pumps from system 'sludge' build up over time. Simple to clean. Can be used as a dosing pot for adding Fernox products.

LIMITED STOCK



FXTF1C

Fernox TF1 Compact Magnetic System Filter 3/4" BSP Valves

Low maintenance magnetic filter that protects valves, boilers and pumps from system 'sludge' build up over time. **Includes 500ml F1 Protector.**



FARFILT1

FAR Filter Dirt Separator

Swivel connection, magnetic separator 25mm.



FARFILT2

FAR Dirt Separator 2" with Magnetic Inserts

Magnetic Separator 50mm. The smart dirt separator is designed to filter out any impurities in the water thus improving heat exchange and ensuring good thermal fluid circulation.

SPECIALIST PRODUCTS



FPADS65

CleanVent Air & Dirt Separator 65mm PN16 Stainless Steel

See page 11 for more information about specialist products.

View Price \$



Deaerators

Code

Description



FAR Filter Deaerator

The FAR deaerator is installed in heating systems to remove air bubbles from the circulating water. Air inside the system can cause corrosion in the interior of the pipe and damage to installed components (such as pumps), leading to malfunctions, loss of heat exchange efficiency and noise in the system.

FARDEAR1

FAR filter Deaerator 1" 25mm

FARDEAR2

FAR filter Deaerator 2" 50mm

SPECIALIST PRODUCTS



Fabricated Products - High Quality Filtration

Fabricated products full range of Air, Dirt, and combined Air and Dirt separators available. Pricing for sizes ranging from flanged 50mm to 600mm filters on request. Indent order.

See page 11 for more information about specialist products.

Inhibitor



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Fernox F1 Protector

System inhibitor for typical residential systems. Use when commissioning a new system and thereafter at annual servicing. Compatible with aluminium and steel radiators.

- Protects against corrosion and limescale
- Non-toxic, environmentally friendly formulation
- Maintains system efficiency and extends boiler life
- Suitable for use with all metals and materials including aluminium

	Code	Description
	FXPRO400EX	Fernox F1 Protector Express Can 400ml Quick and convenient – doses in 30 seconds. Simple to use with no mess Apply via radiator adapter or filling loop supplied
	FXPRO500	Fernox F1 Protector 500ml Bottle One bottle suits systems of approximately 10 radiators. Typically added via a plumbing pressure tester or dosing pot.
	FXPRO10L	Fernox HVAC F1 Commercial Protector 10L Concentrated system inhibitor for large volume hydronic systems. Compatible with all metals.
	FXPROTSTX	Fernox Inhibitor Test Strips For testing concentration of Fernox protector in systems. 50 test strips per container. Test sheet can be found on website.
	DOSPOT2	Dosing Pot 13.5L Stainless Steel For convenient dosing of hydronic systems with inhibitor. Complete with air vent and isolation valves.

Fabricated Products

High-quality Stainless-Steel Dirt Separation and Deaeration.

We offer a full range of indent order equipment from our UK supplier, Fabricated Products who design and build filtration equipment with the goal of prolonging the life of central heating systems. These products work by removing air and/or dirt in either single or dual-purpose appliances.

From 50mm flanged Deaerators all the way to 450mm flanged Demountable Magnetic Air and Dirt Separators, we have a wide range of products to meet your requirements. These products are indent order, please contact us for pricing.



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Fernox Protector

- Long-term protection of central heating systems against internal corrosion and limescale formation
- Non-toxic and environmentally friendly
- Makes transfer of heat around your system more efficient
- Prevents cold spots in radiators, sticking pumps, and boiler noises
- Nitrate & Borate free





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Cleaner

View Price \$






	Code	Description
	FXCLE265	Ferrox F3 Cleaner 265ml Bottle Ferrox F3 Cleaner for pre-commissioning cleaning of new systems and removal of sludge and scale from existing systems, restoring efficiency.
	FXCLE10L	Ferrox HVAC F3 Commercial Cleaner 10L Ferrox F3 Cleaner for pre-commissioning cleaning of new systems and removal of sludge and scale from existing systems, restoring efficiency.

Antifreeze

View Price \$





	Code	Description
	FXAFRZ5L	Ferrox Alpha 11 Protector + Antifreeze 5L Antifreeze specifically for hydronic heating systems. Included system protector. Essential in very cold climates. Ideal for outdoor boilers and heat pumps.
	FXHTF20L	Ferrox HP-5c Protector + Antifreeze 20L Heat transfer fluid/antifreeze specifically designed for heat pumps by offering good protection with minimal impact on pumping performance. Ideal for geothermal ground loops. Suitable for air-to-water and geothermal heat pumps. Minimum "in-use" concentration of 10% and maximum "in-use" concentration is 30%.
	FXREFRACT01	Ferrox Antifreeze Refractometer For on-site test of antifreeze concentration.

Jointing Compounds

[View Price \\$](#)




	Code	Description
	FXLSX	Ferno LS-X Joint Sealer 50ml Tube Quick and easy to use for leak free threaded and compression joints.
	FXHW	Ferno Hawk White Jointing Paste The heating and plumbing installer's best friend for the jointing of threaded connections.

Leak Sealer

[View Price \\$](#)



	Code	Description
	FXSEAL500	Ferno F4 System Leak Sealer 500ml Bottle A good solution for dealing with micro leaks in hydronic heating systems.



Valves, Gauges & Filters

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Gauges	157



Zone Valves



Danfoss 2 Port Zone Valve Bodies

The high capacity brass valve body incorporates two self-cleaning positive shut-off shoes.

- Only includes valve body
- Requires actuator V2PZVA
- BSP female thread

Code	Description
V2PZVB20	Danfoss 2 Port Zone Valve Body 20mm (BSP female)
V2PZVB25	Danfoss 2 Port Zone Valve Body 25mm (BSP female)



Danfoss 2 Port Zone Valve Actuator

The spring return actuators have auxiliary switches and one metre of cable with industry standard wire colours. A lever enables the valves to be opened manually, useful when filling the system.

- 4 wire actuator with SPST Aux. Sw. 230V
- Connects to 2 port valve

Code	Description
V2PZVA	Danfoss 2 Port Valve Actuator



2 Port Motorized Zone Valves

Full bore zone valve for low flow resistance when operating. PTFE seal eliminates sticking for long life reliability. 5 wire actuator. Power open and close.

- Suitable for 6kW and 10kW heat pumps

Code	Description
V2PZV1	FAR 2 Port, 1" Zone Valve and Actuator (230V 25mm female/female)



Motorized Zone Valves

Full bore zone valve for low flow resistance when operating. PTFE seal eliminates sticking for long life reliability. 5 wire actuator. Power open and close.

- Suitable for 6kW and 10kW heat pumps

Code	Description
V3PZV1	FAR 3 Port, 1" Zone Valve and Actuator (230V)

LIMITED STOCK



FAR HP 3-Way DHW Valve Kit

Controls diverting to coils of hot water cylinder. Male/Male connections. Includes unions.

Code	Description
HPKVK3	FAR HP 3-Way DHW Valve Kit 1" Ideal for 10 and 16kW heat pumps.
HPKVK2	FAR HP 3-Way DHW Valve Kit 1 1/4" Ideal for 16kW and above heat pumps.



FAR HP 3-Way Valve Actuator

Actuator only (no valve included).

Code	Description
HPKVKA	FAR HP 3-Way Valve Actuator.



Watts 2 Port Zone Valve 25mm

This brass 2 port zone valve uses mechanical capillary thermostatic head and probe. Requires thermostatic head/capillary probe.

Code	Description
V2WZ1	Watts 2 Port Zone Valve 25mm



Watts 3 Port Divert Valve 25mm

This brass 3 port zone valve uses a mechanical capillary thermostatic head and probe and diverts the flow one way or the other. Requires thermostatic head/capillary probe (e.g. V3WTHMHD).

Code	Description
V3WBYPAS1	Watts 3 Port Divert Valve 25mm



Watts Capillary Head + Probe 20–70°

Thermostatic head and capillary probe for 2 or 3 port Watts Zone Valve.



Code	Description
V3WTHMHD	Watts Capillary Head + Probe 20–70°

Ball Valves


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	Code	Description
	VB12MF	Ball Valve 1/2" M/F (15mm) Simple male/female ball valve in nickel plated brass for use with water or air. Uses teflon seals.
	VB34MF	Ball Valve 3/4" M/F (20mm) Simple male/female 20mm ball valve in nickel plated brass for use with water or air. Uses teflon seals.
	VB1MF	Ball Valve 1" M/F (25mm) Simple male/female 25mm ball valve in nickel plated brass for use with water or air. Uses teflon seals.
	VB114MF	Ball Valve 1 1/4" M/F (32mm) Simple male/female 32mm ball valve in nickel plated brass for use with water or air. Uses teflon seals.
	VB112MF	Ball Valve 1 1/2" M/F (40mm) Simple male/female ball valve in nickel plated brass for use with water or air. Uses teflon seals.
	VB2MF	Ball Valve 2" M/F (50mm) Simple male/female ball valve in nickel plated brass for use with water or air. Uses teflon seals.
		Ball Valve with Integral Filter (For Domestic Application) Unique filterball for rapid system isolation and cleaning of filter. Enables compact installation.
	VBALLFTVL1	Ball Valve with Integral Filter 1"
	VBALLFTVL114	Ball Valve with Integral Filter 1 1/4"
		Ball Valve with Integral Filter (For Commercial Application) Unique filterball for rapid system isolation and cleaning of filter without drain down. Enables compact installation.
	VBALLF1	Ball Valve with Integral Filter 1"
	VBALLF114	Ball Valve with Integral Filter 1 1/4"
	VBALLF112	Ball Valve with Integral Filter 1 1/2"
	DRAINTAP15	Drain/fill Tap 15mm Drain fill tap in 15mm for use with hydronic heating systems. Factory fitted Teflon seal speeds up installation time. Security cap.

	Code	Description
	VBF1FMBG	FAR Manifold Ball Valve - Blue F 1" to M 1" with Temperature Gauge Supplied with 1" manifold swivel union, O-Ring and temperature gauge (VBFT).
	VBF1FMRG	FAR Manifold Ball Valve - Red 1" F to M 1" with Temperature Gauge Supplied with 1" manifold swivel union, O-Ring and temperature gauge (VBFT).

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Pressure Valves

	Code	Description
	VDIFFHYD	Differential Bypass/ Hydrolux 1" (20mm) Sometimes called a hydrolux valve, this differential pressure valve relieves system pressure for pumps when thermostatic or zone valves close.
	VDIFFHYD1	Differential Bypass/ Hydrolux 1 1/4" (25mm) Sometimes called a hydrolux valve, this differential pressure valve relieves system pressure for pumps when thermostatic or zone valves close.
	VFILL	Filling Valve and Gauge 15mm The fill valve enables convenient commissioning. Gives a constant pressure to the system when venting radiators or underfloor systems. Requires double check valve if permanent connection to mains supply.
	VPRESRELF	Pressure Relief 1/2" x 3/4" 3 Bar Pressure relief valve for closed or sealed systems using an expansion vessel. 50kW.
	VPRESRELF2	Pressure Relief 3/4" x 1" 3 Bar Pressure relief valve for closed or sealed systems using an expansion vessel. 100kW.

Flow Valves

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	Code	Description
	VBALWT20156	Inline Flow Meter 20mm 1.5–6L/min (1") Flow meter for inline direct reading and regulating of system flow.
	VBALWT20828	Inline Flow Meter 20mm 8–28L/min (1") Flow meter for inline direct reading and regulating of system flow.
	Inline Flow Meter Flow meter for inline direct reading and regulating of system flow. No expensive instruments required.	
	VBALWT251040IN	Inline Flow Meter 25mm 10–40L/min Insulated (1")
	VBALWT322070IN	Inline Flow Meter 32mm 20–70L/min Insulated (1 1/4")
	VBALWT4030120IN	Inline Flow Meter 40mm 30–120L/min Insulated (1 1/2")

Air Valves

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	Code	Description
	VAAV	Auto Air Vent 1/2" The FAR automatic air vent is a high quality valve for peace of mind installation. Top Vent.
	VAAVN	Auto Air Vent 1/2" Non-Return Valve Enables servicing without drain down.

Non-Return Valves

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	Code	Description
	VALNONR	Non-Return Valve 25mm Plunger style non-return valve to prevent thermosyphon or backfeeding in a heating system.
	VALNONR32	Non-Return Valve 32mm Plunger style non-return valve to prevent thermosyphon or backfeeding in a heating system.

Gauges

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	Code	Description
	PRESSGAU	Pressure Gauge 50mm 0-4Bar 1/4" This bottom mount Watts water or air pressure gauge is typically used for Watts auto fill valve or system pressure gauging.
	PRESSGAU100C	Pressure Gauge 100mm 0-4Bar 3/8" The larger face of this bottom mount water or air pressure gauge enables easy checking of system pressure.
	THW	Thermometer 60mm and 1/2" Pocket Water temperature thermometer with 15mm BSP pocket for system water temperature gauging.
	UFMTGC1	Inline Temp Gauge Connection Fitting 1" FAR
	VBFT	Temperature Gauge for Far Valves 40mm



Pumps

Pumps & Unions

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Pumps & Unions

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	Code	Description
	WILORS25-70	Wilo Pump RS 25/70 230V 3 speed Circulation pump suitable for most residential heating systems. Three speed control. (Order unions separately).
	WILOE25-0.5/8	Wilo Pump Electronic 25-0.5/8 130mm 230V Variable speed circulation pump. (Order unions separately).
	GFOSPUMP2580	Grundfos Pump UPS25-80 1PH 180mm Body Three speed high head circulation pump. (Order unions separately).
	UFMPU	FAR Pump Union 1 1/2" x 1" Chrome Plated.
	PEG657030	Pump Union and Gasket 1 1/2" x 1" Standard BSP thread pump unions with gaskets. Sold individually.
	FBPUIV	Isolating Pump Union BSP 1 1/2" x 1" Brass pump unions with isolation valves (sometimes referred to as bulldog unions).
	UFMTGHBVPCRG	FAR Isolating Pump Union 1 1/2" F to 32mm Press Fit with Gauge Red 1 1/2" F to 32mm Press Fit. Includes temperature gauge (VBFT).
	WILO3010P	Wilo Pump Para HF 30/0.5-10 180mm 230v 3 speed 3 speed manual or variable pump, 10m pump head. (Order unions separately).
	WILO3010E	Wilo Pump Yonas Maxo 30/0.5-12 180mm 230V Electronic
	WILO30-10U	Pump Union and Gasket 2" x 1 1/4" Standard BSP pump unions. For Wilo Top S 30/10 Pump.
	GFOSPUMP1514	Grundfos Bronze Domestic Water Ring Main Pump High efficiency pump suitable for potable water ring main plumbing. AutoAdapt feature for energy savings. Temperature control option. Requires tempering valve to mix water temperature.



Expansion Vessels

Expansion Vessels

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Expansion Vessels

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For closed heating systems incorporating a pressure relief valve.

- 5-year warranty
- System volume calculation for sizing of expansion vessel is recommended
- Replaceable membrane

	Code	Description
	EV2L	Expansion Vessel 2L For heating.
	EV5L	Expansion Vessel 5L For heating.
	EV8L	Expansion Vessel Pot 8L For heating.
	EV12L	Expansion Vessel Pot 12L For heating.
	EV18L	Expansion Vessel Pot 18L For heating.
	EV24L	Expansion Vessel Pot 24L For heating and potable.
	EV50L	Expansion Vessel Pot 50 L For heating.
	EVB	Expansion Vessel Bracket Wall bracket for pot type up to 50L.
	EV100L	Expansion Vessel Pot 100L For heating.
	EV150L	Expansion Vessel Pot 150L For heating.
	EV200L	Expansion Vessel Pot 200L For heating.
	EV300L	Expansion Vessel 300L For heating.
	EV500L	Expansion Vessel 500L For heating.

Larger commercial sizes available on request.



Heat Exchangers






Heat Exchangers

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Heat Exchangers

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	Code	Description
	<p>HEX14B</p>	<p>Heat Exchanger 14 Plate Brazed Compact, cost-effective heat exchanger for use with domestic cylinders. Suitable for spa pools.</p>
	<p>HEX13</p>	<p>Heat Exchanger 13 Plate Stainless Steel Plate heat exchanger with demountable stainless steel plates. Typically used for heating a pool. Suitable for use with a 50kW boiler. Suitable for use up to 17kW heat pump.</p>
	<p>HEX19</p>	<p>Heat Exchanger 19 Plate Stainless Steel Plate heat exchanger with demountable stainless steel plates. Typically used for heating a pool. Suitable for use with a 75kW boiler. Suitable for use up to 25kW heat pump.</p>
	<p>HEX19TI</p>	<p>Heat Exchanger 19 Plate Titanium Plate heat exchanger with demountable titanium steel plates. Typically used for heating a pool.</p>
	<p>HEXB</p>	<p>Heat Exchanger Bracket Heat exchanger bracket for HEX13 and HEX19. Stainless steel.</p>

Full range of heat exchangers available upon request.

Warranty, Returns and Terms of Trade, Residential Installations

Warranty

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WARRANTY CONDITIONS

This warranty applies to the products sold by Central Heating New Zealand (CHNZ). CHNZ warrants to the customer (the customer being the end user of the product(s)) that:

1. Subject to paragraphs 2 – 8 below, the product is free from manufacturing defects for the period specified in the table below for that type of product, commencing from the date of the product is purchased. CHNZ will replace or repair (at CHNZ's discretion) any parts proved to CHNZ's satisfaction to be defective, at CHNZ's cost.
2. This warranty is provided subject to the following conditions:
 - The appliance/system has been installed correctly, used, and maintained in accordance with the installation and user manuals; and has not been tampered with, modified or otherwise subjected to misuse, neglect or damage.
 - Equipment must be adequately protected from the elements or damage from other outside sources. The appliance/system has not been taken apart or repaired by anyone other than qualified service personnel.
 - The system has been serviced as recommended in the manufacturer's instructions.
 - If the cylinder (if installed) fails within the warranty period, we require a water quality survey to be provided. The warranty will not apply to any defect caused in a cylinder caused by water quality issues (as shown in the water quality survey).
 - Repair or replacement of the boiler or any parts under this warranty does not lengthen or renew the warranty period.
 - The warranty will apply only to CHNZ design or approved system design.

WARRANTY EXCLUSIONS

3. Consequential losses: All other warranties and liability of CHNZ for any loss or damage, direct or consequential suffered as a result of defective products are expressly excluded.
4. Labour, travel and administrative costs:
 - CHNZ does not accept liability for any labour, travel or administrative costs associated with replacement of faulty parts unless:
 - the customer proves to CHNZ's satisfaction (at CHNZ's sole discretion) that system is not fit for purpose; or
 - otherwise agreed in writing by CHNZ.
 - If CHNZ does accept liability for labour, travel or administrative costs associated with replacement of faulty parts, then CHNZ's liability will be limited to:
 - Two hours of travel, charged at \$90 [plus/ inclusive GST] per hour; and
 - Ten hours of labour, charged at \$90 [plus/ inclusive GST] per hour.
 - Any agreed amount will be in the form of a credit to your account with CHNZ
 - CHNZ does not accept liability for any additional:
 - labour costs due to difficult access to the product;
 - costs due to difficult access to the product and equipment installed in restricted or unsafe locations, including (but not limited to) the costs of hiring cranes, lift platform and the like, where access requires use of such equipment.
5. Products are not covered under warranty when undue stress is caused by poor system design and installation.

6. This Warranty shall not apply to any defect which, in CHNZ's sole discretion is deemed to, arise due to misuse, neglect, negligence or accident; or to any damage caused by flood, fire or act of God, or to any components or equipment manufactured or supplied by any business other than CHNZ.
7. CHNZ is not liable under any warranty, expressed or implied whether by the terms of trade or any relevant laws, unless the goods or equipment have been paid in full.
8. The terms of the Warranty above are expressly restricted to the repair and replacement of defective parts of the goods purchased and excludes every condition or warranty not herein set out. In particular, CHNZ is not liable or responsible, in any way, for any incidental or consequential damages or loss of any kind. This includes loss of time or travel associated with work outside agreed costs indicated in note 4 above.

These warranties and terms of trade must be read in conjunction with and including conditions found with specific product installation and maintenance instructions. All warranties are subject to, and include, these documents.

In the event of any conflict between the terms of this Warranty and any terms provided under a Manufacturer's warranty, the terms of this Warranty will prevail to the extent of that inconsistency.

This Warranty will continue in force for its original term, irrespective of what replacements may be made under it, and such replacements shall not attract any fresh warranty.

RESIDENTIAL LENGTH OF WARRANTY FOR PARTS SUPPLIED BY CHNZ WHEN PURCHASED AFTER 01.12.2020

Parts	Warranty Period	Part Exclusions	Conditional Exclusions
DeLonghi Radiators & Towel Rails	25 years	TRVs, integral valves – 2 year only	Functional Warranty. Warranty does not include damage to radiators located in aggressive environments such as bathrooms, pools, laundries, showers, public toilets, etc. Proof of inhibitor levels, check and recorded annually.
Korado Radiators	25 years	TRVs, integral valves – 2 year only	Functional Warranty. Warranty does not include damage to radiators located in aggressive environments such as bathrooms, pools, laundries, showers, public toilets, etc. Proof of inhibitor levels, check and recorded annually.
Multitubo Pipe System	25 years		The 25 year warranty is made up of two terms; 0-10 years for replacement product and replacement costs, 10-25 years for replacement of products only. Excludes incorrectly fitted connectors, incorrect applications, or excess heat. All warranty claims of pipe fittings will be pending subject to assessment of failed fittings. 100mm pipe tail required on each end of fitting.
Hot Water Cylinders	10 years - pro rata	Element and thermostats – 2 year only	Excludes where water quality is excessively aggressive. The hot water cylinder warranty is calculated according to the length of time it has been installed. The amount paid is the replacement cost of the cylinder only minus 10% for each year of service.
VarioComp System, Variotherm Wall and Ceiling Systems	10 years		Incorrect application.

Parts	Warranty Period	Part Exclusions	Conditional Exclusions
Arroll Radiators	10 years	TRVs, integral valves – 2 year only	Functional Warranty. Warranty does not include damage to radiators located in aggressive environments such as bathrooms, pools, laundries, showers, public toilets, etc. Proof of inhibitor levels, check and recorded annually.
Firebird Diesel Boiler Heat Exchanger and Parts	5 years	Thermistors, temperature sensors, electrodes, photocell – 1 year only	Proof of annual service & water treatment will be required
Baxi Gas Boilers (Residential)		Thermistors, electrodes – 1 year only	Proof of annual service & water treatment will be required
Rinnai Gas Boilers (Residential)		Thermistors, electrodes – 1 year only	Proof of annual service & water treatment will be required
Flues			Excludes flues not connected in accordance with manufacturers guidelines
Hot Water Heat Pumps		Electric relays, temperature sensors – 1 year only	Proof of annual service & water treatment will be required
Buffer Tanks & Thermal Stores		Element and thermostats – 2 year only	Proof of annual service & water treatment will be required
Plate Heat Exchangers			Proof of annual service & water treatment will be required
Fancoil and Kickspace heaters			Proof of annual service & water treatment will be required
Expansion Vessels			Correct system pressure and air pressure to be balance on expansion vessel. Incorrect commissioning of vessel is excluded
Pumps			Warranty covers only use for intended purpose. Failure due to lack of water pressure excluded.
Controllers			Warranty covers only use for intended purpose. Incorrect use, in correct power supply excluded
Valves & Actuators			Warranty covers only use for intended purpose. Incorrect use, in correct power supply excluded
Fuel Tanks			Incorrect application
Manifolds			Flow meters – 1 year
Biomass/Pellet Boilers	3 years	2 year electrical components	Incorrect application or configuration

Parts	Warranty Period	Part Exclusions	Conditional Exclusions
Accessories including Wiring Centres, Actuators, Fuel Gauges, Fire Valves, TRVs	2 years		Warranty covers only use for intended purpose. Incorrect use, in correct power supply excluded
Spare Parts	1 year		Auto Air Vents and Pressure Relief Valves are covered by warranty on commissioning filling only. The most common reason for AAV and PRV failure is either incorrect system fill pressure, incorrect expansion vessel sizing or foreign object damage (FOD) to the valve seats due to insufficient flushing and cleansing of the system prior to commissioning. We recommend calculation of heating system water content to correctly size the expansion vessel. We also recommend satisfactory flushing of the heat source and heating system and fitting of an air separator and dirt trap such as Fernox TF1.

Returns

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Returns fall into three categories:

1. Damaged goods
2. Unwanted products
3. Warranty claims for replacement parts

1. Damaged Goods

It is imperative that all products are checked thoroughly for condition before signing the transport consignment note.

DAMAGED IN TRANSIT

- If a package is damaged in transit, REFUSE delivery and send it back with the carrier if possible.
- If you accept the package, note on the carrier's delivery report the condition of the shipment to you
- Take photographs of the damaged packaging before unpacking
- Take photographs of the damaged product (the complete product plus close-ups of the damage)
- Save the product and the packing boxes
- Notify Central Heating New Zealand Limited (CHNZ) immediately to arrange for the return and replacement and to arrange an insurance claim
- These products can be exchanged for the same title only
- No restocking fees apply on damaged products.

Damaged goods must be reported immediately. Please see the Conditions of Agreement of the Freight Transport Company.

NB: CHNZ is not liable for the damage of the product if notification and information is not sent immediately.

DAMAGED GOODS RETURN PROCEDURE

9. Contact CHNZ to report the non-requirement of the product as soon as possible.
10. Obtain a Return Authorisation (RA) number and a Returns Form from CHNZ before shipping the product back. No product will be accepted by CHNZ without a valid RA number. This will help ensure the proper action or credit upon processing.
11. Complete the Returns Form. This form requires:
 - The return authorisation number
 - Customer number
 - Invoice number
 - Reason for request
12. Email photographs of the damaged goods to CHNZ as soon as possible to enable a claim to be lodged with the freight company.
13. Return the product with the Returns Form and packaging to CHNZ.
14. A replacement product will be sent out with a separate invoice that will be credited if the claim is accepted.

NB: Any product returned to CHNZ after 10 working days of receiving your Return Authorisation (RA) number will not be accepted or credited. For further questions, or information, please contact CHNZ. We are here to assist you with any problems and/or concerns that may arise.

2. Unwanted Products

A number of CHNZ products are non-returnable:

- Special indent items
- Part coils of pipe
- Fittings
- Printed circuit boards or electronic control boxes
- Unspecified parts: Where a product with associated parts is ordered, but the parts are not specified CHNZ will supply standard issue parts. CHNZ cannot take responsibility for these parts not being suitable. This includes, but not limited to, radiator valves, pipe fittings or flues.

RESTOCKING FEE

Products which are not required and are returned will incur a restocking fee of 15% and will only be credited if the parts and packaging are in a saleable condition.

All product return requests must be made within 30 days from the invoice date, have all original packing slip info and be returned in a saleable condition with the original packaging intact. Original shipping charges are not refundable; CHNZ retains the right to bill freight if the goods were originally shipped free of charge.

The customer is responsible for shipping charges for all products being shipped back to CHNZ other than for the return of warranty items and goods damaged in transit.

UNWANTED PRODUCT RETURN PROCEDURE

1. Contact CHNZ to report the non-requirement soon as possible.
2. Obtain a Return Authorisation (RA) number and a Returns Form from CHNZ before shipping the product back. No product will be accepted by CHNZ without a valid RA number. This will help ensure the proper action or credit upon processing.

3. Complete the Returns Form. This form requires:
 - The return authorisation number
 - Customer number
 - Invoice number
 - Reason for request and course of action to take: replacement, or repair.
4. Return product with returns form and packaging to CHNZ.
5. If the returned product is accepted as being in saleable condition the original invoice will be credited less the 15% re-stocking fee.

NB: Any product returned to CHNZ after 10 working days of receiving your RA number will not be accepted.

For further questions and additional information, please contact CHNZ. We are here to assist you with any problems and/or concerns that may arise.

3. Warranty claims for replacement parts

WARRANTY CLAIMS PROCEDURE

1. Request a Return Authorisation (RA) number. This number validates the part under CHNZ warranty process. All conditions of the warranty must be agreed at the point of CHNZ issuing RA number. No product or warranty claim will be accepted by CHNZ without a valid RA number. CHNZ will issue the required part and Returns Form. The warranty part must returned to CHNZ with the completed Returns Form.

This form requires:

- The return authorisation number
- Customer number
- Invoice number
- Reason for request and course of action to take: replacement or repair

NB: Any product returned to CHNZ after 10 working days of receiving your RA number will not be accepted.

2. CHNZ will analyse the part and determine the fault. If the returned part is accepted as a warranty claim no invoice will be issued.

Should a product be returned and is found not within warranty period or not a manufacturing fault then the part will be invoiced.

For further questions, or information, please contact CHNZ. We are here to assist you with any problems and/or concerns that may arise.



Terms of Trade

The following terms and conditions apply where Central Heating New Zealand Limited (CHNZ, we, us) supplies goods or services to a person, firm or company (the Client, you).

1 Terms of contract

By requesting us (Central Heating New Zealand Limited) to supply Goods or Services to you, by written contract or otherwise, you acknowledge and agree (or you are deemed to acknowledge and agree) that:

- (a) you have assented or agreed to these Terms forming part of each Contract notwithstanding anything that may be stated to the contrary in your enquiries or your order;
- (b) except as expressly agreed between you and us in writing:
 - (i) any other document entered into between you and us must be interpreted consistently with these Terms; and
 - (ii) to the extent that there is any inconsistency between these Terms and any other document, these Terms shall prevail.

2 Price

- 2.1 The price for Goods and Services will be as recorded in the Proposal provided to you whether in writing or otherwise.
- 2.2 We may withdraw any quotation before it is accepted, and in any event any quotation will lapse, without notice, 30 days after it is given, unless a deposit has been paid.
- 2.3 Upon payment of a deposit for a quote which has not been withdrawn, the price given in any such quote shall be held for six months from the date of the quote, at which time it will lapse without notice.
- 2.4 Unless agreed otherwise, GST will be payable by you as an additional amount on all prices and charges.
- 2.5 This entire clause 2 is subject to any variations in accordance with clause 3.

3 Variations

- 3.1 Any alteration to a Proposal will be a variation. A variation requested by you must be agreed by us in writing.
- 3.2 A variation includes, without limitation, changes to equipment positions once they have been installed, any necessary alteration to any aspect of a Proposal due to inaccurate information supplied by you (such necessity to be determined in our sole discretion) and delays which are out of our control.
- 3.3 We reserve the right to revise at any time of the quantity or type of goods or services supplied to you if we believe that other goods or services supplied by us will fulfil the same function. We will advise you of such variations, and for variations that we deem to be significant (in our sole discretion), your consent to the variation will be required (noting that such consent may not be unreasonably withheld by you). We may provide to you a refund for any amounts paid if the variations are of lesser value than provided to you in the Proposal, and we may issue an additional invoice to you if the variations result in further costs than provided to you in the Proposal.
- 3.4 In the event we are unable to commence or continue Work at a date and time agreed between you and us due to the state

of the premises (e.g. due to non-completion of foundation work), this will be a delay constituting a variation and we may, at our sole discretion, invoice you for any labour, time and other incidental costs arising from the variation.

- 3.5 A material fluctuation in our costs shall be a variation subject to expiry of the period specified in clause 2.3 above.
- 3.6 You will be liable to pay the original contract price and all additional costs incurred as a result of a variation, including the alteration of plans themselves and any losses incurred by us as a result of a variation. The price of any variation will not necessarily be charged on the same basis as any work already ordered, and such pricing is at our discretion [but based on our usual rates and charges].

4 Invoicing and Payment

- 4.1 We may render one or more Invoices for Work completed and Goods are delivered to the site or work pursuant to a Work Order is executed, as progress payments.
- 4.2 Invoices are due in full without the deduction or withholding of retentions within 7 days of receipt, unless prior written arrangement has been made with us. A final invoice shall be issued for any balance owing at completion. Clients with agreed credit accounts with us must pay in full by the 20th of the month following invoice.
- 4.3 Any deposit required by us is due by the date specified by us, or, if no date is provided, on acceptance of these Terms. Any such deposit is non-refundable.
- 4.4 If full payment of any invoice is not made on the due date then without prejudice to any other remedies available to us:
 - (a) we may cancel or withhold supply of further Goods or Services;
 - (b) interest on monies overdue shall be charged on a daily basis and be calculated by adding 5% per annum to the overdraft rate payable by us to our bankers at the time of and during such default, and interest shall continue to accrue both before and after judgement; and
 - (c) you shall indemnify Us for all costs and disbursements, including on a solicitor and own client basis, incurred by Us in recovering such monies owing.
- 4.5 If:
 - (a) you are in breach of any of these Terms; or
 - (b) you become insolvent, bankrupt, convene a meeting with your creditors or propose or enter into an arrangement with creditors, or make an assignment for the benefit of your creditors; or
 - (c) a receiver, manager, liquidator (provisional or otherwise) or similar person is appointed with respect to you or any of your assets,

all payments due under any Contract shall become immediately due and payable to us and we may without prejudice to any other remedies available to us, immediately terminate any Contract

- 4.6 We may from time to time vary your credit limit with us at our sole discretion in relation to further purchases of Goods or Services. If any acquisition would be in excess of your credit limit, we reserve the right to require, prior to delivery of the Goods or provision of the Services, payment in cash of the amount by which the cost exceeds your credit limit.

5 Ownership

Ownership in the Goods shall not pass unless full payment of all monies owing to us has been made in full. Until all monies have been paid, the following shall apply:

- (a) You hold the Goods supplied as fiduciary for us and will deal with them as agent for and on behalf of us (but will not hold yourself out as our agent to any third parties).
- (b) If any of the Goods are installed in or affixed to and become an accession to other Goods, the Security Interest continues in the accession in accordance with the PPSA. If the Goods become affixed to land then, provided that the Goods can be separated from the land to which they are affixed, they remain our property and we may uplift and retake possession of the Goods if you fail to meet your obligations under these Terms.
- (c) If the Goods subsequently become part of some other product or mass:
 - (i) nothing in these Terms shall be construed as limiting the application of Sections 82 to 86 (inclusive) of the PPSA; and
 - (ii) we authorise you to sell the Goods as part of the mass provided that the proceeds of such sale are held in a separate account on trust for us, with our beneficial interest extending to the amount of all monies still owing by you to us, and such interest shall remain until all such monies have been paid. This authority may be revoked by us for any reason upon us giving you notice in writing.
- (d) In the event that you are in default of your obligations under these Terms you irrevocably give us and our agents the right to enter your property, or any property that you have rights of access to, at any time without notice, to uplift and remove any of the Goods supplied and resell them. At any time we may enter the property and retrieve any equipment and tools located at the property that are owned or leased by us. We shall not be liable for costs, damages or expenses or any other loss suffered by you or any third party as a result of such actions and you agree to indemnify us (and our agents) against any costs (including legal costs) or liability we suffer as a result of such actions.
- (e) In the event that the Goods are resold by us pursuant to clause 5(d), you will remain liable for any shortfall between the proceeds of such sale and any monies owed by you to us.

6 Timing and Risk

- 6.1 While we will endeavour to meet any timeframes specified in any Proposal or any other agreement with regards to timing, time shall in no case be of the essence with respect to the performance of any Work. Any such timeframes are agreed in good faith and are not to be treated as a condition of any Proposal and subsequent payment. We shall not be responsible for any delay and, to the maximum extent permitted by law, will not be liable for any loss incurred by you as a result of such delay. You shall not be entitled to cancel this Contract for any delay.
- 6.2 Risk in respect of the Goods sold shall pass to you upon delivery, or at the time you pay for the Goods, whichever is the earlier, irrespective of whether ownership passes at this time or not. It is your responsibility to insure the Goods.

- 6.3 We will not be liable for, and will not pay compensation to you for, any damage or loss that occurs once risk in the Goods has passed to you.

7 Access and Compliance with Acts and Regulations

- 7.1 Where you grant access to us over your property for the purposes of carrying out any Work, you shall ensure:
- (a) convenient access for the delivery and provision of the Goods and Services. If access is not convenient we may make a further charge to you that we consider reasonable in the circumstances to cover the additional costs that arise due to such inconvenience;
 - (b) compliance with all legislation and regulations in relation to the property, including ensuring the property is in a safe state for us to undertake any necessary work.
- 7.2 If we have any concerns regarding the safety of our employees, in relation to the access and use of your property, we shall be entitled to halt all work on your property, until such time as our safety concerns have been resolved. In that case you shall be responsible for payment of work undertaken by us to that point and we shall not be liable to you on any basis arising from us having halted work.
- 7.3 We are not responsible for, and you agree to assume all liability and indemnify us for any residual damage to any property which arises from instructions issued by you requiring the alteration of work already done in accordance with any Proposal.
- 7.4 You are responsible for defining all relevant property boundaries and for obtaining and providing us with a copy of any consents or permits required in relation to any Work, prior to us commencing such Work. We will not be liable in any way for your failure to obtain, or your misunderstanding of, any consents or permits required in respect of the Works.
- 7.5 Upon commencement of any Work you shall ensure, at no cost to us, adequate safe storage facilities are provided for protection against theft and damage of the Goods or any equipment or other items belonging to us.

8 PPSA

- 8.1 Without limiting anything else in these Terms, you acknowledge that:
- (a) these Terms create in favour of us, a Security Interest in all present and after acquired Goods supplied by us to you (or for your account) to secure the payment by you to us of the amount owing; and
 - (b) these Terms will apply notwithstanding anything, express or implied, to the contrary contained in any purchase order or in any enquiry by you; and
 - (c) the Security Interest shall continue until we give you a final release.
- 8.2 You undertake to:
- (a) promptly do all things, sign any further documents and/or provide any information which we may require to enable us to perfect and maintain the perfection of our Security Interest (including by registration of a financing statement); and
 - (b) give us not less than 14 days prior written notice of any proposed change in your name and/or any other change in your details (including, but not limited to, changes in your address, facsimile number, trading name or business practice).
- 8.3 Under the PPSA you are entitled to receive certain information in relation to financing statements registered against you as a debtor and certain attempts to deal with the

collateral of any security agreement. In relation to such rights, you agree:

- (a)(a) to waive your right to receive a verification statement under section 148 of the PPSA in respect of any financing statement or financing change statement relating to the Security Interest;
- (b) that nothing in sections 114(1)(a) and 133 of the PPSA shall apply to these Terms;
- (c) to waive your rights as a debtor under sections 116, 120(2), 121, 125, 126, 127, 129 and 131 of the PPSA to the extent that these rights may be waived under section 107(2) of the PPSA.

In addition, you agree that the Security Interest has the same priority in relation to all amounts forming part of the amount owing, including future advances.

9 Warranties

- 9.1 Where the manufacturer of the Goods has provided a manufacturer's warranty (Manufacturer's Warranty), this Manufacturer's Warranty shall be extended to you. In order to be entitled to the Manufacturer's Warranty, you must have used the Goods in accordance with the terms of the Manufacturer's Warranty and notified us of the claim within the warranty period applying to the Manufacturer's Warranty.
- 9.2 In performing any Services, we warrant that we will:
 - (a) use reasonable care, skill and diligence;
 - (b) use reasonable endeavours to perform the Services in a timely manner and in accordance with any timeframe agreed in writing with you;
 - (c) comply with all applicable laws; and
 - (d) comply with your reasonable instructions.
- 9.3 All warranties and representations not expressly stated in this Agreement or otherwise given by us to you in writing, including the CHNZ Warranty (whether express, statutory, implied or otherwise) are excluded to the maximum extent permitted by law.
- 9.4 Except to the extent of a Manufacturer's Warranty, and any other written warranties given by us to you as required by law (whether express, statutory, implied or otherwise), all warranties in respect of Goods sold or services supplied are excluded to the extent permitted by law.
- 9.5 Where you acquire Goods from us for business purposes, you acknowledge and agree that those Goods or Services (as applicable) are being supplied and acquired "in trade" and therefore the Consumer Guarantees Act 1993 does not apply.
- 9.6 You agree that sections 9, 12A and 13 of the Fair Trading Act 1986 do not apply to this Agreement. You further agree that you have not relied on any representations made by us in entering into this Agreement, and that accordingly this clause 9.5 is fair and reasonable.

10 Damage and Defects

You shall, within 7 days of Completion (time being of the essence), inspect the Work and notify us if you believe there to be any defect, damage or failure to comply with the Proposal or any agreed variation. You shall then give us a reasonable period of time for inspection of any issue identified. If you fail to comply with any of the requirements in this clause 10, the Work shall be deemed to be free of any damage or defects.

11 Liability

- 11.1 We shall not be liable:
 - (a) where your instructions were contrary to our advice and where the Goods and Services match your

instructions but are not fit and suitable for the purpose for which you require them;

- (b) where you have altered or modified the Goods, mis-applied the Goods, not followed our instructions in respect to the Goods or have subjected them to any unusual or non-recommended use, servicing or handling;
- (c) for defects in any designs prepared by any third party;
- (d) for claims arising wholly or partly by any factors beyond our control, including, without limitation, any loss resulting from a delay in production or supply of the Goods or services. Such factors include, but are not limited to, acts of nature, war, riot, power failure, industrial action, and defaults of any ancillary parties that we rely on in relation to the Goods and Services;
- (e) for any indirect or consequential loss of any kind;
- (f) for any goods supplied by you and which we use in relation to the Services ; or
- (g) where the terms of any written warranty have not been complied with, or any manufacturer's handbook provided to you has not been complied with.

- 11.2 Our total liability under any warranty for defective Services or defective or damaged Goods is limited at our option to either:

- (a) remedying the defective Services;
- (b) replacing or repairing the defective or damaged Goods; or
- (c) refunding the price of the defective Services or defective or damaged Goods.

Where we elect to repair or remedy as provided above, we will use reasonable endeavours to do so as soon as practical, but will not be liable for any delay in completing the repairs.

- 11.3 Subject to the other provisions under this clause 11 our total liability to you arising out of any claim for loss or damages, however arising, shall not exceed the value of the Goods or Services which are the subject of the claim.
- 11.4 You agree to indemnify us against all claims and loss of any kind whatsoever, however caused, and whether arising as a result of your negligence or otherwise, brought by any person in connection with any matter, act, omission or error by you or your agents or employees.

12 Guarantee

As part of this contract, we may require that you arrange for a guarantor to give a personal guarantee. Should we so require, we will not commence any Work until the guarantor has signed the guarantee in the form provided by us and any costs of executing such guarantee shall be borne by you.

13 Cancellation by you

You may not cancel any order for Goods or Services or part of it without our written consent. If you do so, in addition to any other rights we may have, we may retain any deposit paid, and may charge you for any reasonable costs incurred by CHNZ prior to your cancellation.

14 Waiver

Waiver of any of these Terms by us will only be effective if given in writing by an authorised person. If we waive any of these Terms the waiver shall apply to and operate only in the particular transaction, dealing or matter in respect of which it was given, and will not affect our rights under these Terms at any future time.

15 Severability

Each clause in these Terms is severable and if any clause

is held to be illegal or unenforceable then the remaining clauses will remain in full force and effect.

16 Consumer Guarantees Act 1993 (CGA)

16.1 Where you are acquiring Goods and/or Services in trade the CGA shall not apply.

17 Construction Contracts Act 2002 (CCA)

17.1 To the extent that the Goods and/or services purchased under these Terms create a construction contract for the purposes of the CCA, then the CCA and this clause 17 apply.

17.2 Without limiting any other rights that we are entitled to, you acknowledge and agree that we:

- (a) are entitled to progress payments in accordance with sections 16 and 17 of the CCA and you will make payment on the due date for payment as defined in section 18 of the CCA;
- (b) retain the right to claim for payment under the CCA by submitting a payment claim as defined in the CCA. You must serve any payment schedule on us within 7 days of the date of the relevant payment claim; and
- (c) retain the right to suspend work under section 72 of the CCA.

18 Fair Trading Act 1986 (FTA)

18.1 To the extent that the Goods and/or services purchased under these Terms are provided to you, as a consumer, or as a small trade contract, the Fair Trading Act will apply.

19 Privacy Policy

19.1 We recognise the importance of protecting your personal information and privacy. We will comply with our obligations under the Privacy Act 2020 when handling your personal information. Our processes in respect of handling your personal information can be found in our Privacy Policy which is listed on our website.

19.2 You may ask to see any of your personal information that we hold and ask for any details that are wrong to be corrected.

19.3 You authorise us to collect, retain and use information provided by it for the purpose of carrying out credit checks, deciding whether to continue to provide goods to the Client, debt collection or marketing. You further authorise us to obtain credit reports and other information about you from any third party for this purpose.

19.4 You may decide whether to provide any information requested however if requested information is not provided, you acknowledges that we may not be able to provide the goods or services to you.

19.5 You authorise us to provide information about you (including information relating to any default in payment obligations) to any third party for the purpose of that party carrying out credit checks, obtaining credit reports or debt collection. To the extent permitted by law those third parties may hold that information in their systems and use it now and in the future.

20 Governing Law

20.1 These Terms are governed by New Zealand law.

21 Updates

21.1 These Terms may be updated by us from time to time, and such updated terms will apply to all Proposals (including variations) placed after such updated terms are published on our website. Current terms may be obtained from us on request by you. We will contact you in writing with any updates to the Terms that we consider to be fundamental to the nature of our engagement, however you acknowledge that it is your responsibility to ensure that you are aware of the Terms that apply when engaging with us.

22 General

22.1 The failure by either party to enforce any provision of these terms and conditions shall not be treated as a waiver of that provision, nor shall it affect that party's right to subsequently enforce that provision. If any provision of these terms and conditions shall be invalid, void, illegal or unenforceable the validity, existence, legality and enforceability of the remaining provisions shall not be affected, prejudiced or impaired.

22.2 We may licence and/or assign all or any part of our rights and/or obligations under this Contract without your consent.

22.3 You cannot licence or assign without our written approval.

22.4 Neither party shall be liable for any default (except in relation to payment of any monies due and owing) under this Contract due to any act of God, war, terrorism, strike, lock-out, industrial action, fire, flood, storm, national or global pandemics and/or the implementation of regulation, directions, rules or measures being enforced by Governments or embargo, including but not limited to, any Government imposed border lockdowns (including, worldwide destination ports), etc, ("Force Majeure") or other event beyond the reasonable control of either party.

22.5 Both parties warrant that they have the power to enter into this Contract and have obtained all necessary authorisations to allow them to do so, they are not insolvent and that this Contract creates binding and valid legal obligations on them.

23 Definitions

"**CHNZ Warranty**" means the warranty on the terms and conditions set out in the warranty document provided by us to you with respect to the goods and/or services (if applicable).

"**Completion**" means when all services pursuant to a Work Order have been completed.

"**Contract**" means the contract between you and Us for the provision of the Goods and/or Services of which these Terms and the Proposal form part.

"**GST**" means goods and services tax pursuant to the GST Act as amended or replaced).

"**GST Act**" means the Goods and Services Tax Act 1985 (as amended or replaced).

"**Goods**" means all goods supplied by us to you from time to time, and (unless the context requires otherwise) includes all proceeds of such Goods and any product or mass which the Goods subsequently become part of.

"**PPSA**" means the Personal Property Securities Act 1999 (as amended or replaced).

"**Proposal**" means any document recording your instructions for the supply of Goods and/or the delivery of Services pursuant to which we commence any work and includes any final quote for such instructions, however given.

"**Security Interest**" means the security interest provided for by these Terms.

"**Services**" means all services provided by us to you from time to time, including the delivery and installation of the Goods and all services incidental to such delivery and installation.

"**Terms**" means these terms and conditions.

"**Us or We**" means Central Heating New Zealand Limited.

"**Work**" means all work directly or indirectly related to a Proposal.

Notes

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