



Central Heating
NEW ZEALAND

2023 Trade Catalogue



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Welcome to our new 2023 catalogue

Welcome to our new 2023 Catalogue. By the time the catalogue goes to print it will be 11 months since the Smith family sold the business to Rinnai New Zealand and Central Heating New Zealand (CHNZ) transitioned into the new leadership structure.

Significant periods of change can often be a challenge, however the transition process at CHNZ has been seamless. The Rinnai ownership has provided CHNZ with access to more support and resources and we continue to explore synergies between the two companies to improve the service offering to the market.

We have a superb loyal customer base that continues to support us and in conjunction with the strong culture and teamwork that collectively exists within CHNZ and Rinnai we are well positioned to continue to grow the Central Heating Market in New Zealand.

There has been a massive period of change within the construction industry and subsequently the heating and cooling market over the last 12-24 months.

Climate change initiatives, legislative changes in the building code requirements, decarbonization initiatives in conjunction with ongoing supply chain disruptions, the Ukraine conflict, and the impact of inflationary pressure has altered the market landscape.

CHNZ is in a strong position to manage these issues in 2023. Success we believe will be based on our ability to provide effortless customer service and delivery performance, and to differentiate, add value, and system solutions to projects in 2023.

We look forward to working with you all in creating sustainable, healthy, and comfortable way of living and working for all of New Zealand.



Tony Whale
Managing Director
Central Heating New Zealand



— Bronwyn and Tony at Archipro Meet, Eat & Greet.



— CHNZ team ready for The Muddy Good Run.



— Ruff day on site installing VarioComp.



— CHNZ social club dressed up for Halloween.



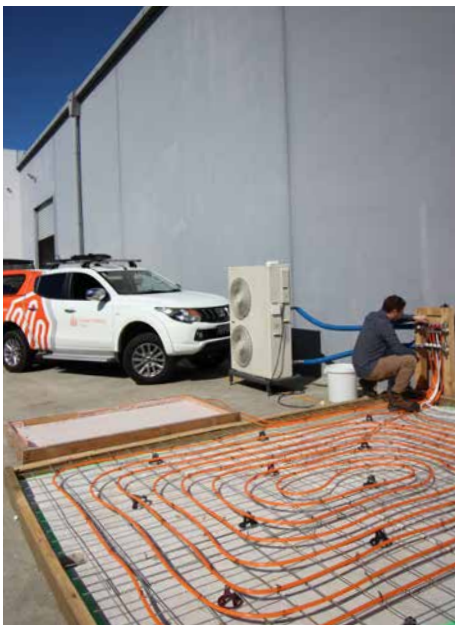
— Vic and Tunejo at Canterbury A&P Show.



— CHNZ social club loved International Coconut Day.



— Relocated home ready for central heating.



— Inslab underfloor installation training.



— Central Heating New Zealand Staff.



— Amanda and Vic at Canterbury A&P Show.



— 3D printed CHNZ logo cookie cutter.



— CHNZ social club dressed for Sports Day.



— The Smiths enjoying 20 years in business.



— Office Christmas Elves sharing the festive cheer.



— Tuneyo, Tony and Joe finishing The Muddy Good Run.



— CHNZ staff enjoying their Christmas Party.



— Customers are warm after their annual services.



— Bronwyn and Andy at Canterbury Home Show.



— Amy, Paul and Wes after The Muddy Good Run.



— CHNZ staff celebrating 20 years in business.

Training Academy

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 Schedule

	Location	Feb	Mar	Sep	Oct
Design and Sales	Christchurch				
Underfloor Installation	Christchurch	21		19	
Radiator and Pipe Installation	Christchurch		07		10
Gas Boilers	Christchurch		08		11
Controls	Christchurch	22		20	
Heat Pumps	Christchurch	22		20	
Diesel Boilers	Christchurch		09		12

Courses cost as little as \$195 + GST. 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

Visit centralheating.co.nz/training for up to date course information and registration.

Engineering Services

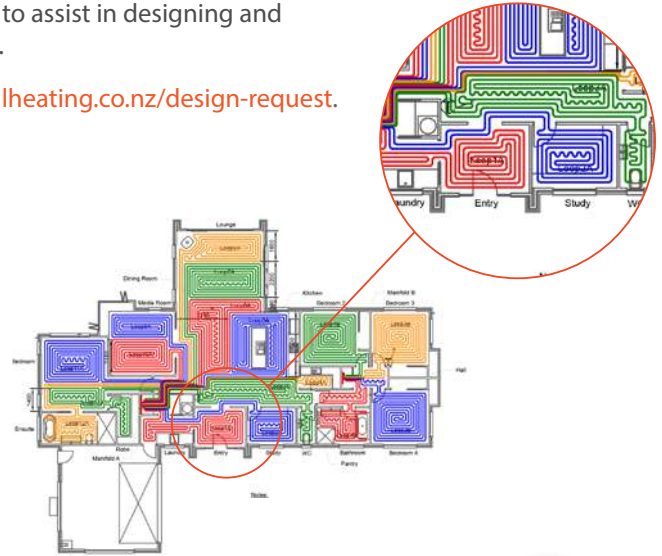
Central Heating New Zealand's engineering team is available to assist in designing and specifying a heating system for you and your client's projects.

Simply complete our online design request form trade.centralheating.co.nz/design-request.

Our engineers will provide the following:

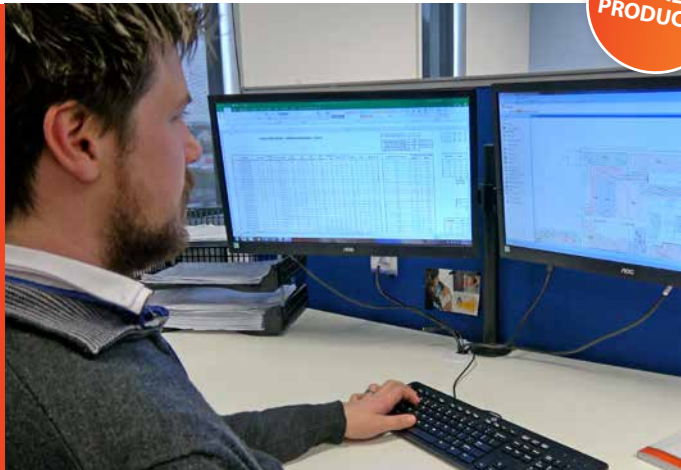
- Heat loss calculations
- System specifications
- Project quotations
- System schematics
- Wiring schematics

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



Specialist Products

Specialist Products are a new 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.



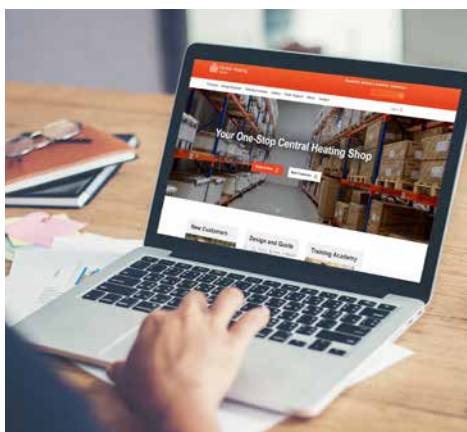
Small Print

- 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.**
- **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.
- Prices applicable from 1st March 2023.
- 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.**

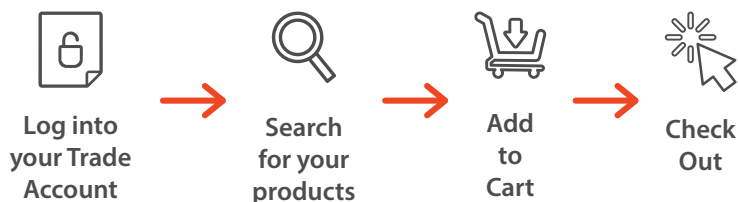
Ordering Products

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 work hard to ensure products are readily available to you, please order products with one of the preferred methods below.



Online



Need a login?

If you do not have an account simply request a login at trade.centralheating.co.nz or contact us on 0800 357 1233 or salesupport@centraheating.co.nz



In Person



Trade Desk / Showroom

Located at 52 Pilkington Way, Wigram, Christchurch. Open between 8.00am and 5.00pm, Monday to Friday.



Merchant

We partner with New Zealand's leading and trusted National Trade and Retail Suppliers in the building and plumbing industry. Simply contact your local merchant to place an order.



By Phone



Make a list of products

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, if possible, then give our representatives the names and product codes for your order.

Key Contacts

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

National Sales Representatives



SALES REPRESENTATIVE –
AUCKLAND/NORTHLAND
Lorilee McLaughlin (Auckland)
022 013 7885



SALES REPRESENTATIVE –
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SALES REPRESENTATIVE –
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LOWER SOUTH ISLAND
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NATIONAL SALES MANAGER
Andy Croucher
021 249 1655

Ordering, Returns & Shipping Updates



TRADE SALES/ORDERING
Julie Julius
0800 357 1233



WAREHOUSE GOODS
COORDINATOR
Vivienne Chen
0800 357 1233

Aftersales, Technical and Sales Support



CUSTOMER SERVICE MANAGER
Ricardo Ahumada
0800 357 1233



AFTERSALES TECHNICAL
SUPPORT
Joseph Girling
0800 357 1233



AFTERSALES TECHNICAL
SUPPORT
Connor O'Carroll
0800 357 1233



TECHNICAL COMMERCIAL
SALES SUPPORT
Leyton Smith
0800 357 1233



TECHNICAL SALES SUPPORT
Mukesh Avhad
0800 357 1233



SALES SUPPORT COORDINATOR
Rachelle Stroud
0800 357 1233

Considerations Affecting Your Heating System

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. The “2.5%” design temperature for the closest data point to the proposed home will be used, this data has been collated from NIWA and has been the basis for our system designs for many years with proven success. Under these conditions, the system is designed to achieve at least 21°C in the living areas and 17°C in bedrooms and hallways. 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.

- **Running the System:** To give good living temperatures with reasonable running costs, in slab underfloor heating requires constant running. The slab is a large mass which is easier to keep warm than to reheat each day. At the start of each season, the floor will take approximately 8 hours to heat up to its ideal temperature and consume more energy than when the floor is maintained at that temperature. Because of this, we suggest leaving the system operating on standby throughout the winter as opposed to switching it on and off – Central Heating New Zealand controls accommodate this with minimum floor temperature settings.
- **Insulation:** Insulation under the floor slab is required to limit downward heat loss. The building code specifies a higher floor insulation requirement for heated floors and insulation on the underside and/or edge of the slab may be required to achieve this. Please contact us or your architect for more information.
- **Thermal Bridging:** Thermal bridging is when heat is transferred through conduction to areas surrounding the slab. To help mitigate issues such as thermal bridging, we suggest insulating the perimeter of the foundation and isolating the heated slab from patios and paths with thermal breaks.
- **Floor Coverings:** The underfloor heating system works by radiating heat from the concrete slab into the room. It's important to consider heat emission when choosing a floor covering as they can significantly reduce the emission of heat into the rooms. Floor coverings such as thick or high specification underlays are primarily designed to insulate and should be avoided. Underfloor heating works well with all floor coverings but should be as close to the recommended industry standard of maximum R 0.15 resistance as possible. We suggest no more than 7mm standard underlay or purpose designed underlay such as Duralift 7 should be used.
- **Increased Load:** Houses that are partially heated – eg: living areas only or ground floor only of a two storey house, put extra load on a heating system in terms of heat up time and running cost. Systems being used for the first time in a new or existing house also have increased loads due to moist framing timbers, painted walls etc and take time to dry out. Heat up times can be greatly extended due to these factors. Positive pressure ventilation systems are not recommended with central heating as heat is forced out of the dwelling increasing load and running costs. Balanced or true heat recovery ventilation systems are a more suitable alternative.
- **Curtains:** The use of curtains is advised for efficiency and maximum comfort as it is always colder near windows (even if they are the highest quality double glazing). This is especially true if the other factors listed above are compromised. NB: Privacy roller blinds provide little thermal insulation value.

H1 Update

On the 29th of November 2021 MBIE released the biggest change to the acceptable solution and verification methods for H1 compliance in a decade, these changes include an increase in insulation values with an aim to reduce the energy required to heat new homes by up to 40% and new commercial buildings by up to 23%.

These changes will have both positive and negative implications for the central heating industry in New Zealand;

- The increased insulation values will help to reduce the heating loads of new homes making central heating systems smaller and more cost effective.
- The increased insulation values required for imbedded heating elements will make the construction of heated ceilings, walls, and floors more expensive.

Central Heating New Zealand is working to ensure that we are prepared for these changes, we are updating our design tools and processes to align with these standards and are working with industry partners to find simple and cost-effective solutions to achieve compliance for heated elements.

Below are the key points for you to be aware of;

1. From the 3rd November 2022 the 5th edition of Acceptable solution H1/AS1 replaces the previous 4th edition.
2. An extension has been provided for housing consents submitted prior to 1 May 2023 for the roof, wall, and floor levels to be as per the 4th edition. No extension was granted for commercial buildings.
3. The country has been broken up into 6 climate zones compared to the previous 3.

TABLE 2.1.2.2B: Minimum construction R-values for building element that **do not contain embedded heating systems**

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
Roof	R6.6	R6.6	R6.6	R6.6	R6.6	R6.6
Wall	R2.0	R2.0	R2.0	R2.0	R2.0	R2.0
Floor Slab-on-ground floors	R1.5	R1.5	R1.5	R1.5	R1.6	R1.7
Floors others than slab-on-ground	R2.5	R2.5	R2.5	R2.8	R3.0	R3.0
Windows and doors	R0.46	R0.46	R0.46	R0.46	R0.50	R0.50
Skylights	R0.46	R0.46	R0.54	R0.54	R0.62	R0.62

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

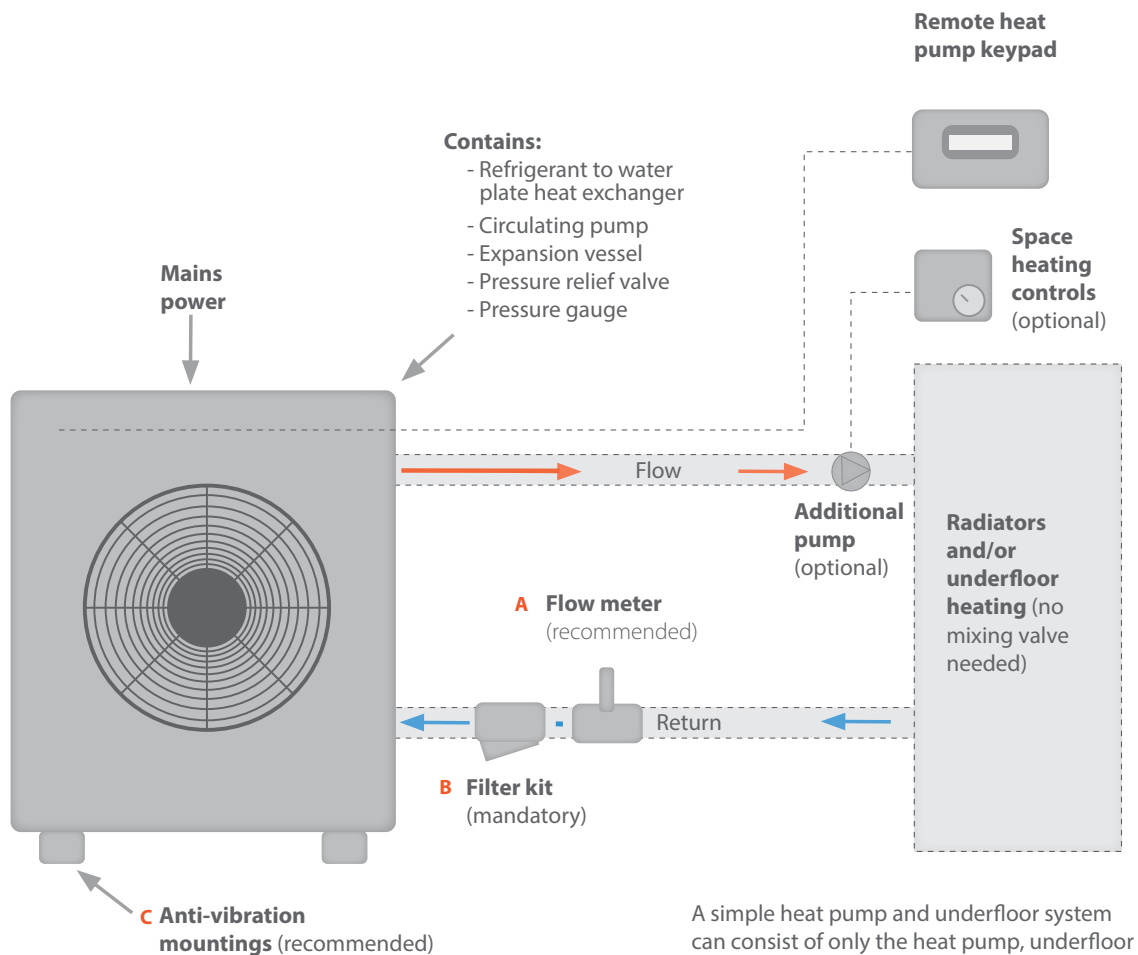
Refer to the full H1/AS1 5th edition document available on the [MBIE website](#) for further information.



Hydronic Heat Pumps

Air-to-Water Heat Pumps	13
Geothermal Heat Pumps	15
Heat Pump Accessories	16

Generic Schematic



Schematic intended as guide only.

Components

Key	Description	Order Code	
		6 and 10kW	16kW
A	Flow meter (recommended)	VBALWT251040IN	VBALWT322070IN
B	Filter kit (mandatory)	VBALLFTVL1	VBALLFTVL114
C	Anti-Vibration Mountings (recommended)	HPKANTVIBR	HPKANTVIBR

Air-to-Water Heat Pumps



Chofu Heat Pump (Heating and Cooling)

Made in Japan, tried and tested in New Zealand for the past eight years. Whilst an emerging brand here, Chofu is one of the leading heat pump suppliers in Japan and supplies OEM to many large Japanese and European heat pump companies.

Phenomenal reliability, whisper quiet, and amazing cold weather performance.

They feature a single phase inverter compressor with an integral room controller for heating times and temperatures, including DHW production. Max flow temperature of 60°C, min outside air temperature -20°C.

- 5-year warranty
- Low noise
- Monobloc, expansion vessel and pressure gauge included in unit (HPTF10 and 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 49 dB(A) 6kW; 50 dB(A) 10kW; 51 dB(A) 16kW

Code	Description	Nom. Output	Dim (H x W x D)	List \$
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	\$6,734.86
HPTF10	Chofu Air-Water 10kW Heat Pump (Heating and Cooling)	10kW	882 x 850 x 330	\$10,481.57
HPTF16	Chofu Air-Water 16kW Heat Pump (Heating and Cooling)	16kW	1418 x 1000 x 330	\$13,094.27

Invest in High Quality Products

- High quality and reliable Japanese product
- Environmentally friendly R32 refrigerant gas
- Class leading COP's
- Low noise
- Max flow temperature of 60°C, min outside air temperature -20°C
- Monobloc, expansion vessel and pressure gauge included in HPTF10 and HPTF16 units
- 5 year warranty



Geothermal Heat Pumps

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 and 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. Fully connectivity via iOS or Android enables online control and diagnostic which is ideal for remote locations.

- 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)	List \$
HPMTAQ45I1	Mastertherm AquaMaster Inverter Heat Pump	7-22kW	1200 x 526 x 716	\$24,030.00
HPMTAQ60I1	Mastertherm AquaMaster Inverter Heat Pump	7-35kW	1200 x 526 x 716	\$29,057.59




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 6 or more information about specialist products.



Heat Pump Accessories

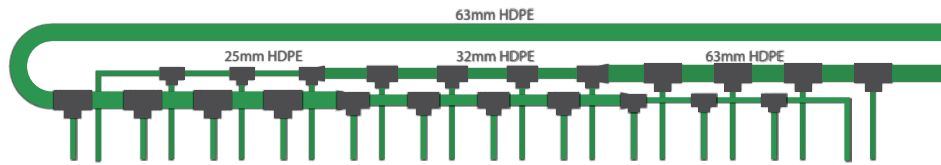
	Code	Description	List \$
	HPGC	GulfCoat Spray Can Clear 340g Spray on protection for aluminium coils in high salt regions. Liberal use of Gulf coat is recommended externally on all outdoor gas boilers, diesel boilers and heat pumps. Environmentally friendly (water based).	\$106.18
	HPKANTVIBR	HP Anti Vibration Base Kit AA50 Reduce the possibility of harmonic noise transfer in outdoor units.	\$199.71
	HPKFILT114	For all heat pumps to prevent blocking of the plate heat exchanger by swarf and debris. Heat Pump Filter Kit 1 1/4"	\$91.29
	HPKFILT112	Heat Pump Filter Kit 1 1/2"	\$95.44
	HPKFH	Heat Pump Stainless Steel Braided Hose Female 1 1/4" x Female 1 1/4" - 250mm long.	\$45.83
	VBALLFTVL34	BALL VALVE WITH INTEGRAL FILTER (FOR DOMESTIC APPLICATION) Unique Filterball for rapid system isolation and cleaning of filter. Enables compact installation. Ball Valve with Integral Filter 3/4"	\$57.38
	VBALLFTVL1	Ball Valve with Integral Filter 1"	\$66.32
	VBALLFTVL114	Ball Valve with Integral Filter 1 1/4"	\$119.53
	VBALLF1	BALL VALVE WITH INTEGRAL FILTER (FOR COMMERCIAL APPLICATION) Unique Filterball for rapid system isolation and cleaning of filter without drain down. Enables compact installation. Ball Valve with Integral Filter 1"	\$103.84
	VBALLF114	Ball Valve with Integral Filter 1 1/4"	\$158.16
	VBALLF112	Ball Valve with Integral Filter 1 1/2"	\$228.98
	HPZC502030262	Delonghi HP 3-Way DHW Valve Actuator Actuator only (no valve included).	\$514.86
	BXCSHT	Baxi HWC Sensor For use with heat pumps to control external domestic hot water cylinders.	\$29.40

	Code	Description	List \$
	V3PZV1	Motorized Zone Valves 1" Controls diverting to coils of hot water cylinder. Male/Male/Male connections. Ideal for 6kW. Relay required. Includes unions.	\$422.39
	HPKVK3	FAR HP 3-Way DHW Valve Kit 1" Controls diverting to coils of hot water cylinder. Male/Male connections. Includes unions. Ideal for 10 and 16kW heat pumps.	\$628.91
	HPKVK2	FAR HP 3-Way DHW Valve Kit 1 1/4" Controls diverting to coils of hot water cylinder. Male/Male connections. Includes unions. Ideal for 16kW and above heat pumps.	\$717.14
	HPZHPKVKA	FAR HP 3-Way Valve Actuator Actuator only (no valve included).	\$577.56
	VBALWT20828	Inline Flow Meter 25mm 8–28L/min Flow meter for inline direct reading and regulating of system flow.	\$154.85
	VBALWT20156	Inline Flow Meter 25mm 1.5–6L/min Flow meter for inline direct reading and regulating of system flow.	\$155.70
	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	\$387.09
	VBALWT322070IN	Inline Flow Meter 32mm 20–70L/min Insulated	\$477.78
	VBALWT4030120IN	Inline Flow Meter 40mm 30–120L/min Insulated	\$614.84
	FXHTF25L	Fernox HP-5c Protector + Antifreeze 25L 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%.	\$830.02
	FXHTF20L	Fernox 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%.	\$854.91
	UFFSW18	FAR Flow Switch 1– 8" For use with heat pumps for protection particularly in chilling mode.	\$456.35

LIMITED STOCK

NEW

Geothermal Horizontal Ground Loop Kit



Kits include all pipe and fittings required and are typical for the associated heat pump; local ground conditions will alter requirements.

- HDPE 100 SDR11 pipe
- Fusion tees, elbows and MT unions
- Groundloop design by a Central Heating New Zealand IGSHPA qualified engineer is recommended
- For design and pricing please contact your local sales representative



Geothermal Vertical Probe Kit

Kits include all pipe and fittings required and are typical for the associated heat pump; local ground conditions will alter requirements.

- HDPE 100 SDR11 pipe
- Factory made U bend
- Groundloop design by a Central Heating New Zealand IGSHPA qualified engineer is recommended
- For design and pricing please contact your local sales representative

Smart One 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 Smart One Thermostat has to offer at:
centralheating.co.nz/blog/smart-heating-and-cooling-comfort



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

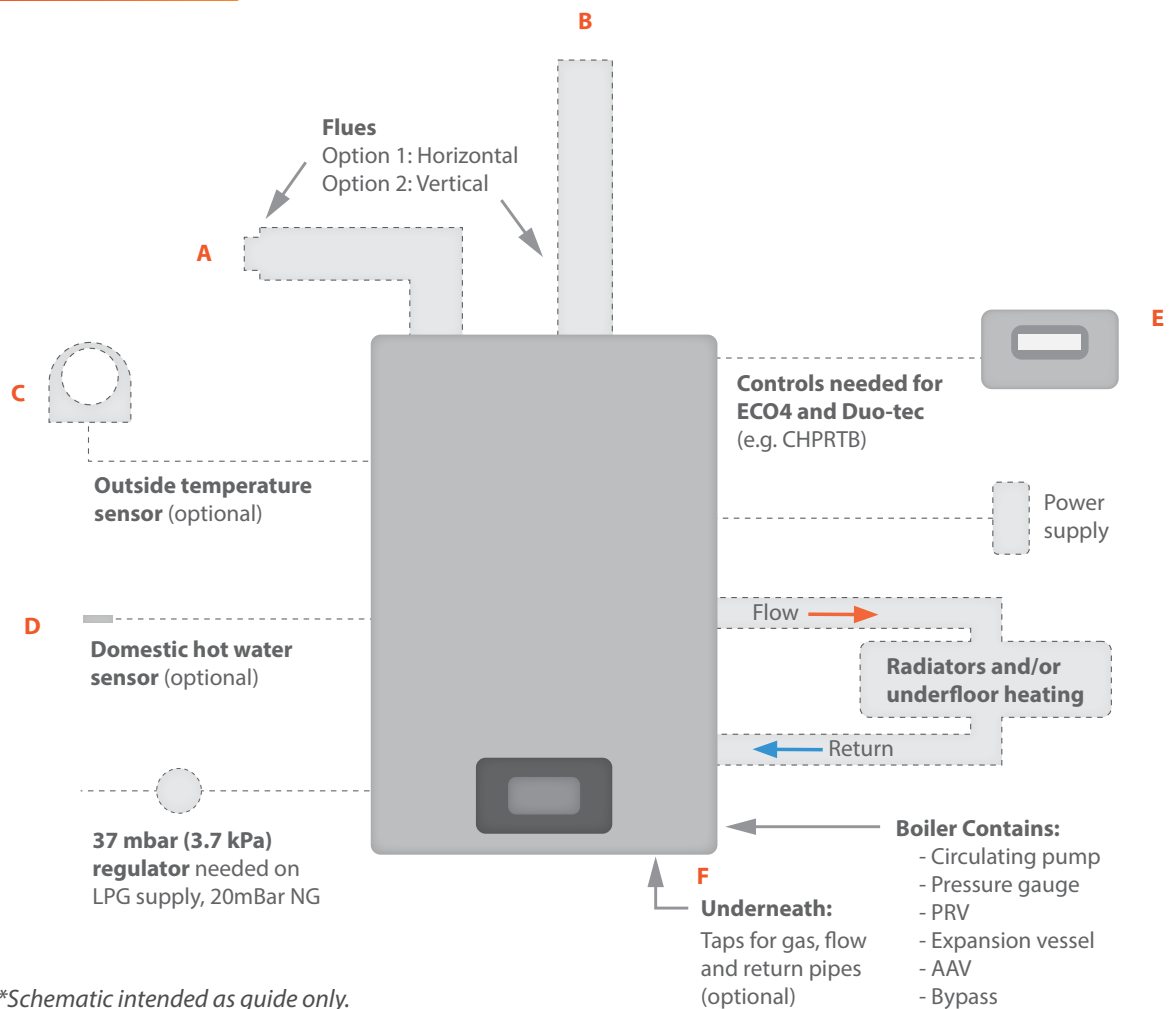
 **Central Heating**
NEW ZEALAND



Gas Boiler Residential

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Generic Schematic



*Schematic intended as guide only.

Flue components

	Order Code	Description
A	BXFLH	Horizontal flue
B	BXFLV	Vertical flue
A	BXFLHCD	Condensing horizontal flue
B	BXFLVCD	Condensing vertical flue

Other Components

	Order Code	Description
C	BXOS	Outdoor sensor
D	BXCSHT	DHW sensor
E	CHPRTB	Programmable thermostat
F	BXCKGT	Baxi gas tap G3/4 Straight
F	BXCKGT90	Baxi gas tap G3/4 90 degrees
F	BXCKHT	Baxi heating flow tap G3/4 straight
F	BXCKHT90	Baxi heating flow tap G3/4 90 degrees

Standard Efficiency Gas Boilers

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.



BAXI

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	List \$
BX14E4	Baxi Eco4 1.14Fi System Boiler 14kW	730 x 400 x 299	31kg	\$1,712.24
BX24E4	Baxi Eco4 1.240Fi System Boiler 24kW	730 x 400 x 299	32kg	\$2,135.60

Combination Boilers







Gas Combi Boilers are the most popular central heating and hot water units in Europe due to their compact size and performance. In New Zealand, they are also brilliant for one or two bathroom homes as they free up space where a hot water cylinder would normally be placed. Priority is given to instantaneous domestic hot water production over the central heating so you never run out of hot tap water.













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

 **Central Heating**
NEW ZEALAND

Standard Efficiency Gas Boiler Flues

	Code	Description	List \$
	BXFLH	Horizontal Flue Kit 1m 60/100 White Coaxial.	\$135.45
	BXFLV	Vertical Flue Kit 1m 60/100 Black Coaxial Terminal.	\$611.39
	BXFLX	Flue Extension 1m 60/100 White Coaxial.	\$126.27
	BXFL45	45 Bend 60/100 White Coaxial.	\$84.94
	BXFL90	90 Bend 60/100 White Coaxial.	\$76.52
	BXFLISC	Flue Internal Sealing Collar (100mm) For Horizontal Flue Wall Penetration 60/100.	\$30.61

Gas Boiler Accessories

	Code	Description	List \$
	BXCSHT	Baxi Cylinder Sensor For use with gas boilers to control external domestic hot water cylinders.	\$29.40
	BXOS	Baxi Outdoor Sensor Standard Efficiency Boiler Suitable for all Baxi boilers. Increases pre-emptive response of boiler control for greater efficiency.	\$68.38
	BXZ5680020	Baxi LPG Kit G31 13x0.77 for Eco4 Boiler	\$78.10
	BXCKGT12	Gas Tap G 1/2\" Swivel female connection; Thread: 1/2\". Ideal for Rinnai Zen Gas Boiler.	\$21.80
	BXCKGT1290	Gas Tap G 1/2 90° Swivel female connection; Thread: 1/2\". Ideal for Rinnai Zen Gas Boiler.	\$21.80
	BXCKGT	Gas Tap G3/4 Straight Swivel female connection; Thread: 3/4\". Ideal for Baxi Gas Boiler.	\$21.80
	BXCKGT90	Gas Tap G3/4 90° Swivel female connection; Thread: 3/4\". Ideal for Baxi Gas Boiler.	\$21.80
	BXCKHT	Heating Flow Tap G3/4 Straight Swivel female connection; Thread: 3/4\".	\$25.38
	BXCKHT90	Heating Flow Tap G3/4 90° Swivel female connection; Internal mesh filter; Thread: 3/4\".	\$25.38
	TESPRE	Testo Digital Manometer For setting gas pressures during commissioning.	\$937.72

See page 119 for suitable controllers and room thermostats.

Condensing Gas Boilers



Rinnai

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 CHNZ 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	List \$
BRZEN24	Rinnai Zen Condensing Wall Hung 24kW Boiler	660 x 440 x 285	33kg	\$3,934.06
BRZEN34	Rinnai Zen Condensing Wall Hung 34kW Boiler	660 x 440 x 335	37kg	\$4,219.98



BAXI

LUNA Duo-tec GA INDOOR System & Combi Boilers

The Baxi Duo-tec+ GA (Gas Adaptive vValve) 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	List \$
BXDT24A	Baxi Duo-tec E Compact 1.24 GA System Boiler 24kW	700 x 400 x 299	30kg	\$2,771.60
BXDT28A	Baxi Luna Duo-tec E 1.28 GA System Boiler 28kW	763 x 450 x 345	36kg	\$3,063.20
BXDT28AC	Baxi Duo-tec E Compact 28 GA Combi Boiler 24kW	700 x 400 x 299	34kg	\$3,205.45
BXDT40A	Baxi Luna Duo-tec E 40 GA Combi Boiler 32kW	763 x 450 x 345	41kg	\$3,759.10

Future
Gas Ready



BAXI





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	List \$
BXDT33ASC	Baxi Nuvola Duo-tec + 33GA Storage Combi Boiler 28kW	950 x 600 x 466	67.5kg	\$4,995.22

Condensing Gas Boiler Flues

	Code	Description	List \$
	BXFLHCD	Horizontal Flue Kit Condensing 1m 60/100 White Coaxial.	\$231.08
	BXFLVCD	Vertical Flue Kit Condensing 1m Residential 80/125 Black Coaxial Terminal. Vertical flue for residential condensing boilers. Includes 60/100 adaptor.	\$412.46
	BXFLOD	Outdoor Flue Kit White Coaxial. For Rinnai Zen boiler when installed outdoors.	\$261.56
	BXFLXCD	Flue Extension 1m Condensing 60/100 White Coaxial.	\$123.20
	BXFL45CD	45 Bend Condensing 60/100 White Coaxial.	\$78.07
	BXFL90CD	90° Bend/Starter Condensing 60/100 White Coaxial.	\$89.52

	Code	Description	List \$
	BXFLXCDPK	Baxi Plume Dispersal Terminal Kit 60mm White, includes brackets, 1m extension.	\$256.35
	BXFLXSS1M	Baxi Flue Single Skin 1m Plume Extension 60mm White not coaxial plume.	\$68.88
	BXFL90SS60	Baxi Flue 90° Bend Plume Single skin 60mm White not coaxial plume.	\$53.56

Condensing Gas Boiler Accessories

	Code	Description	List \$
	BXCSHT	Baxi HWC Sensor For use with gas boilers to control external domestic hot water cylinders.	\$29.40
	BXOSCD	Baxi Outdoor Sensor Condensing Boiler Suitable for all Baxi boilers. Increases pre-emptive response of boiler control for greater efficiency.	\$60.87
	BXDTGAPT	Baxi Programmable 2 Channel Thermostat 230V for GA boilers Baxi remote 2 channel programmer for heating and DHW times and temperatures.	\$238.64
	BXHXCK	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.	\$184.97
	BXHXC	Heat Exchanger Cleaning Fluid 400ml for Condensing Boilers Refill bottle only.	\$51.08



TESFLAN

Testo Flue Gas Analyser Kit 327-1

The tool professionals use for commissioning gas and diesel boilers. Comes with thermal printer.

\$4,834.37



BRZSP440018670

Rinnai Zen 24 LPG Kit

LPG kit for Rinnai Zen 24kW Boiler.

\$47.37

NEW



BRZSP440018674

Rinnai Zen 34 LPG Kit

LPG kit for Rinnai Zen 34kW Boiler.

\$47.37

NEW

See page 119 for other suitable controllers and room thermostats.

Zen Indoor/Outdoor Combi Boiler

The Zen combination boiler is both a highly efficient water heater and heating boiler in a single compact appliance. The water heating part of the system heats water directly from the mains meaning that you don't have to store water. This makes the Zen combination boiler a cost-effective option.

- Indoor/Outdoor boiler
- Combi flow-rate 13.5lpm @ 25°C rise (BRZEN24)
- Combi flow-rate 19.6lpm @ 25°C rise (BRZEN34)
- Built-in WiFi app
- Built-in energy monitor
- Stainless steel heat exchanger
- Onboard condensate neutralizer



Rinnai

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

 **Central Heating**
NEW ZEALAND



Coming Soon....

Central Heating New Zealand is excited to announce that our Training Van will be hitting the roads this year. Fully decked out with all of our products which allows us to provide in-person training around the country.

Keep an eye out for our launch date!



Gas Boilers

Commercial

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Commercial Wall Hung Gas Boilers



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	List \$
BXDT35A	Baxi Luna Duo-tec MP+ 1.35 35kW Boiler	766 x 450 x 377	40kg	\$6,990.63
BXDT50A	Baxi Luna Duo-tec MP+ 1.50 50kW Boiler	766 x 450 x 377	40kg	\$7,187.65
BXDT70A	Baxi Luna Duo-tec MP+ 1.70 70kW Boiler	766 x 450 x 505	50kg	\$8,914.52
BXDT110A	Baxi Luna Duo-tec MP+ 1.110 110kW Boiler	952 x 600 x 584	93kg	\$13,272.95
BXDT130A	Baxi Luna Duo-tec MP+ 1.130 130kW Boiler	952 x 600 x 584	93kg	\$15,151.09
BXDT150A	Baxi Luna Duo-tec MP+ 1.150 150kW Boiler	952 x 600 x 584	96kg	\$16,475.95

SPECIALIST PRODUCTS

SPECIALIST PRODUCTS






SPECIALIST PRODUCTS

SPECIALIST PRODUCTS



See page 6 for more information about specialist products.

Commercial Wall Hung Gas Boiler Flues

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

	Code	Description	List \$
	BXFLHCDC	Horizontal Flue Kit Condensing 1m Commercial 80/125	\$350.48
	BXFLHCDC1	Horizontal Flue Kit Condensing 1m Commercial 110/160	\$982.53
	BXFLVDCDC	Vertical Flue Kit Condensing 1m Commercial 80/125	\$351.24
	BXFLVDCDC1	Vertical Flue Kit Condensing 1m Commercial 110/160	\$909.82
	BXFLXCDC	Flue Extension Condensing 1m Commercial 80/125	\$221.89
	BXFLXCDC1	Flue Extension Condensing 1m Commercial 110/160	\$345.09
	BXFL45CDC	45° Bend Condensing Commercial 80/125	\$99.46
	BXFL45CDC1	45° Bend Condensing Commercial 110/160	\$232.62
	BXFL90CDC	90° Bend/Starter Condensing Commercial 80/125	\$107.14
	BXFL90CDC1	90° Bend/Starter Condensing Commercial 110/160	\$294.62

Commercial Cascade Gas Boiler Flues

	Code	Description	List \$
	BXDTA710716801	Duo-tec MP Flue Kit 2 Boilers in Cascade 1.50–1.70 PPR cascade flue kit dia 125/110.	Indent only
	BXDTA710682001	Duo-tec MP Shutter Kit D110/80 For cascade flue anti back draft 1.50–1.70 boilers.	\$137.19





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

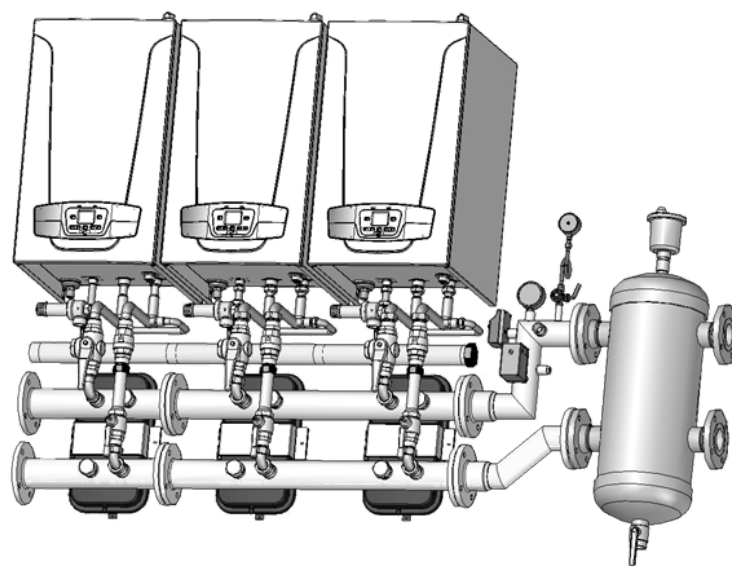
The new-generation retirement comfort

Hydronic-based systems have been favourable in retirement villages due to their ability to heat and cool while often being cheaper to install.

Central Heating New Zealand assisted by providing high-level and detailed designs and supplying a high-performance quality solution. Our bespoke system consisted of 16,000m European-made Multitubo PE-RT underfloor pipe, 23 full zone FAR commercial manifolds, 185 FAR electronic underfloor actuators, and various other plant equipment including Fiorini buffer tanks, expansion vessels, pumps, and more.

Commercial Wall Hung Gas Boiler Accessories



	Code	Description	List \$
LPG CONVERSION KITS (DIFFUSER SHROUD)			
	BXDTA710718603	Duo-tec MP LPG Kit MP1.30–1.50	\$144.29
	BXDTA710718702	Duo-tec MP LPG Kit MP1.60	\$141.16
	BXDTA710718802	Duo-tec MP LPG Kit MP1.70	\$225.64
	BXDTA710719002	Duo-tec MP LPG Kit MP1.110	\$225.64
	BXZ7713043	Baxi Gas Jet Kit LPG for Duo-tec MP+ 1.130 and 1.150	\$76.06
	BXDTA714125610	Condensate Neutraliser for Boilers up to 116kW Larger versions available on request.	\$318.66
	TESFLAN	Testo Flue Gas Analyser Kit 327-1 The tool professionals use for commissioning gas and diesel boilers. Comes with thermal printer.	\$4,834.37



Example of cascade gas boiler system.


Commercial Wall Hung Gas Boiler Hydraulic Connections



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

	Code	Description	List \$
	BXDTAKIT501	Duo-tec MP 1.50–1.70 Hydraulic Kit for 1 Boiler	\$2,573.13
	BXDTAKIT502	Duo-tec MP 1.50–1.70 Hydraulic Kit for 2 Boilers	\$4,095.24
	BXDTAKIT503	Duo-tec MP 1.50–1.70 Hydraulic Kit for 3 Boilers	\$6,346.27
	BXDTAKIT504	Duo-tec MP 1.50–1.70 Hydraulic Kit for 4 Boilers	\$7,868.38
	BXDTAKIT505	Duo-tec MP 1.50–1.70 Hydraulic Kit for 5 Boilers	\$10,119.44
	BXDTAKIT506	Duo-tec MP 1.50–1.70 Hydraulic Kit for 6 Boilers	\$11,641.55
	BXDTAKIT901	Duo-tec MP 1.110–1.150 Hydraulic Kit for 1 Boiler	\$2,553.28
	BXDTAKIT902	Duo-tec MP 1.110–1.150 Hydraulic Kit for 2 Boilers	\$4,280.52
	BXDTAKIT903	Duo-tec MP 1.110–1.150 Hydraulic Kit for 3 Boilers	\$6,511.73
	BXDTAKIT904	Duo-tec MP 1.110–1.150 Hydraulic Kit for 4 Boilers	\$8,238.97
	BXDTAKIT905	Duo-tec MP 1.110–1.150 Hydraulic Kit for 5 Boilers	\$10,470.17
	BXDTAKIT906	Duo-tec MP 1.110–1.150 Hydraulic Kit for 6 Boilers	\$12,197.42

Commercial Wall Hung Gas Boiler Hydraulic Separators

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	List \$
	BXDTA790000310	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.	\$1,592.54

	Code	Description	List \$
	BXD TAKITHS8	Duo-tec MP Hydraulic Separator Kit 8.5m ³ 50mm screwed connections.	\$3,283.29
	BXD TAKITHS18	Duo-tec MP Hydraulic Separator Kit 18m ³ 65mm flanged connections.	\$5,850.99
	BXD TAKITHS28	Duo-tec MP Hydraulic Separator Kit 28m ³ 80mm flanged connections.	\$6,579.01
	BXD TA790000340	Duo-tec Hydraulic Separator 56m ³ 100mm flanged connections.	Indent only

Commercial Floor Standing Gas Boilers



BAXI

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	List \$
BX130CDCS	Baxi Power HT + 1.130 Boiler	130kW	1227 x 600 x 681	126kg	Indent only
BX150CDCS	Baxi Power HT + 1.150 Boiler	150kW	1227 x 600 x 681	132kg	Indent only
BX200CDCS	Baxi Power HT + 1.200 Boiler	200kW	1238 x 600 x 1412	212kg	Indent only
BX250CDCS	Baxi Power HT + 1.250 Boiler	250kW	1238 x 600 x 1412	232kg	Indent only

See page 6 for more information about specialist products.

SPECIALIST PRODUCTS

SPECIALIST PRODUCTS

SPECIALIST PRODUCTS

SPECIALIST PRODUCTS










BAXI

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 (conditions apply)
- 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	List \$
	BX230CDC	Baxi Power HT 1.230 Boiler	230kW	1458 x 692 x 1231	285kg	Indent only
	BX280CDC	Baxi Power HT 1.280 Boiler	280kW	1458 x 692 x 1324	314kg	Indent only
	BX320CDC	Baxi Power HT 1.320 Boiler	320kW	1458 x 692 x 1417	344kg	Indent only
	BX430CDC	Baxi Power HT-A 1.430 Boiler	430kW	1526 x 762 x 1882	540kg	Indent only
	BX500CDC	Baxi Power HT-A 1.500 Boiler	500kW	1526 x 762 x 2192	598kg	Indent only
	BX570CDC	Baxi Power HT-A 1.570 Boiler	570kW	1526 x 762 x 2192	636kg	Indent only
	BX650CDC	Baxi Power HT-A 1.650 Boiler	650kW	1526 x 762 x 2192	674kg	Indent only

Flue options available upon request.




See [page 6](#) for more information about specialist products.

Commercial Gas Boiler Cascade Controls

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

	Code	Description	List \$
	BXD TAKITCAS2	Commercial Wall Hung Gas Boiler Cascade Controls – 2 Boilers	\$1,587.08
	BXD TAKITCAS3	Commercial Wall Hung Gas Boiler Cascade Controls – 3 Boilers	\$1,883.86
	BXD TAKITCAS4	Commercial Wall Hung Gas Boiler Cascade Controls – 4 Boilers	\$2,180.63
	BXD TAKITCAS5	Commercial Wall Hung Gas Boiler Cascade Controls – 5 Boilers	\$2,477.41
	BXD TAKITCAS6	Commercial Wall Hung Gas Boiler Cascade Controls – 6 Boilers	\$2,774.18

Commercial Filtration

	Code	Description	List \$
	FARFILT2	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.	\$446.25
	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.	\$1,901.95
	FARDEAR2	FAR Filter Deaerator 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.	\$455.38
	MAGVENT	Magvent Air, Dirt & Magnetite Separator The Magvent is used to remove air magnetite sludge and dirt. Stainless steel construction. Available from flange sizes 50–600mm.	Indent only
	DOSPOT2	Dosing Pot 13.5L Stainless Steel For convenient dosing of hydronic systems with inhibitor. Complete with air vent and isolation valves.	\$988.03



Free Freight

Freight inclusive on orders over \$20.

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





Diesel Boilers

Residential

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Fit-for-purpose modern facility

Te Nikau Grey hospital is a 8,500m² facility which includes 56 in-patient beds, 3 operating theatres, and a 24/7 emergency department. 70 DeLonghi radiators are used to provide a comfortable environment throughout the building, 65 of the radiators are the Type 32 low surface temperature model to ensure safe surface temperatures are achieved in critical areas.



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 on our blog centralheating.co.nz/blog/diesel-boilers-and-your-options



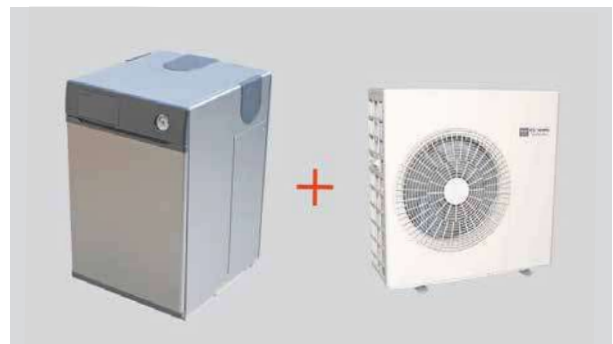
Option 1: Upgrade to a condensing diesel boiler



Option 2: Upgrade to Smart Controls

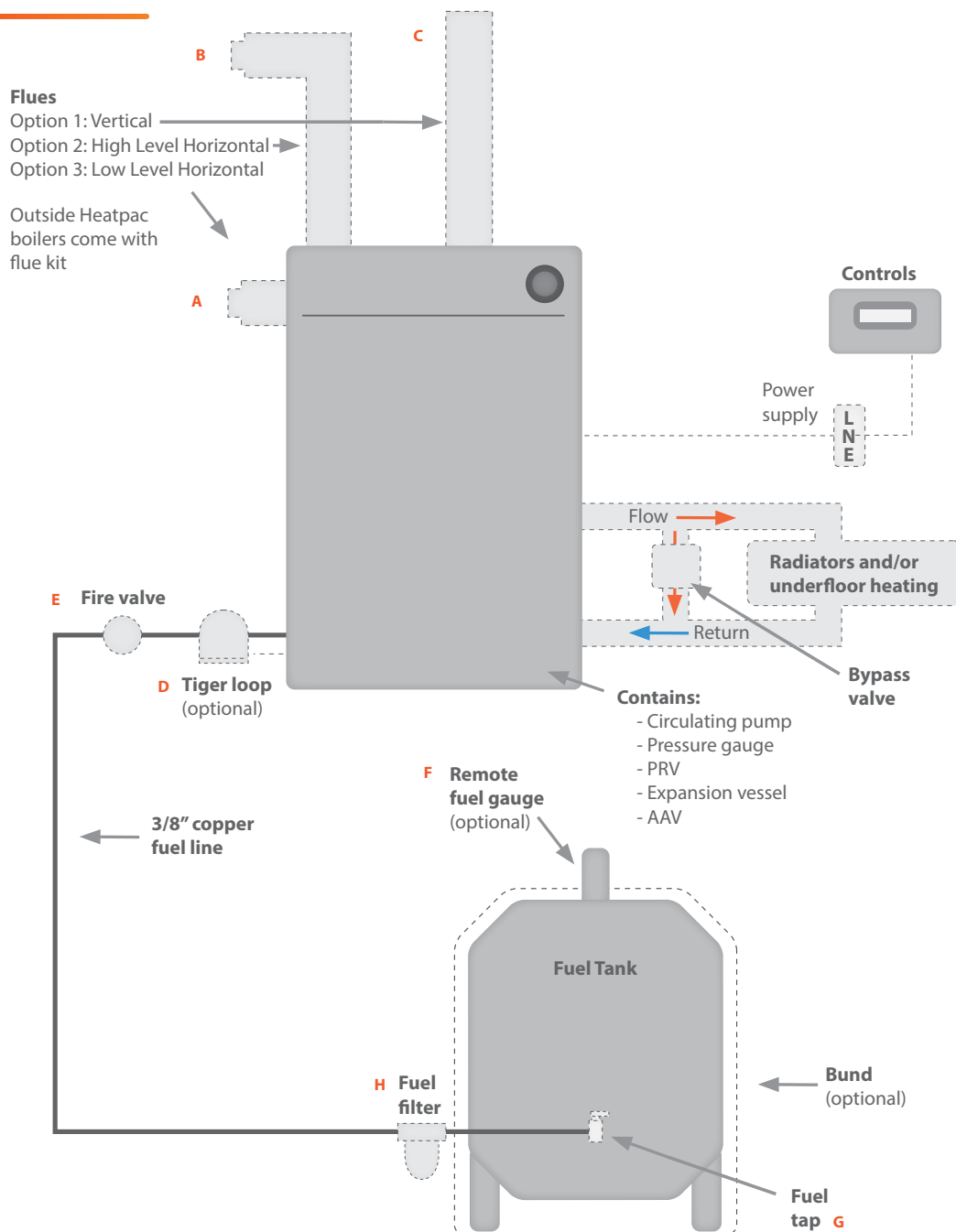


Option 3: Change the boiler out for a Heat Pump



Option 4: Hybrid Heat Pump Solution

Generic Schematic



Schematic intended as guide only.

Flue components

Order Code	Description
A FBFLHLL	Low level horizontal flue
B FBFLHHL	High level horizontal flue
C FBFLV	Vertical flue
A FBFLHLLC	Condensing low level horizontal flue
B FBFLHHL C	Condensing high level horizontal flue

Other Components

Order Code	Description
D FUTIGERLOOPK	Tigerloop oil de-aerator
E TEDDFV6M	Teddington fire valve
F FUGAUGE	Apollo fuel gauge
G FUTAP10MM	10mm fuel tap m-f ball valve
H FUFILTER	Fuel filter

Diesel Boilers



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 you the 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

*Standard efficiency and condensing versions available.

Code	Description	Nom. Output	Dim (H x W x D)	List \$
FB90NZ	Firebird 90 System 26kW New Zealand	26kW	856 x 555 x 618	\$5,515.36
FB120NZ	Firebird 120 System 35kW New Zealand	35kW	856 x 555 x 618	\$6,468.64
FB20NZ	Firebird Enviromax C20 System Condensing 20kW	20kW	856 x 555 x 618	\$6,845.56
FB26NZ	Firebird C26 System Condensing 26kW New Zealand	26kW	856 x 555 x 618	\$7,149.55
FB35NZ	Firebird C35 System Condensing 35kW New Zealand	35kW	856 x 555 x 618	\$7,694.28
FBE44S	Firebird Enviromax C44 System Condensing 44kW	44kW	1046 x 660 x 852	\$8,876.14

NEW PRICE

NEW PRICE

NEW PRICE

NEW PRICE

NEW PRICE

NEW PRICE

DIESEL BOILERS - RESIDENTIAL





Enviromax Outdoor Boiler

The outdoor condensing Firebird 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)	List \$
 FB26NZO	Firebird C26 Systempac Condensing 26kW NZ	26kW	945 x 597 x 651	\$7,558.09
 FB35NZO	Firebird C35 Systempac Condensing 35kW NZ	35kW	945 x 597 x 651	\$8,273.05

Elco Blue Burner

The Elco Blue Burner is technically superior, reliable and has a wider operating tolerance.

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











elco

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 **Central Heating**
NEW ZEALAND








Diesel Boiler Flues




	Code	Description	List \$
	FBFLHLL	Horizontal Low Level Flue Kit 125mm Coaxial For 90 and 120 standard efficiency boilers.	\$512.85
	FBFLHLLC	Horizontal Low Level Kit Condensing 125mm Coaxial for C26 and C35. Plume kit may be required.	\$710.88
	FBFLHLLCNZ	Horizontal Short Low Level Kit Condensing 125mm NZ Coaxial for C26 and C35. Ideal for 90mm timberframe. Plume kit may be required.	\$745.22
	FBFLHHL	Horizontal High Level Flue Kit 125mm Coaxial for condensing and standard efficiency boilers C20–C35, and 90 & 120 boilers.	\$1,162.45
	FBFLV	Vertical Flue Kit 3m SS 125mm Condensing + Non-Condensing Coaxial for condensing and standard efficiency boilers C20–C35, and 90 & 120 boilers.	\$1,504.34
	FBFLHLF006VSS	Vertical Flue Kit 3m SS 150mm Condensing + Non-Condensing Coaxial for C44 and C58 Boilers.	\$2,051.36
	FBFLVX	Firebird Flue 1m Extension SS Condensing + Non-Condensing 125mm Coaxial for C20–C35, and 90 & 120 boilers.	\$382.93
	FBFLVXA	Firebird Flue Adjustable 1m Extension SS (555/920mm) 125mm Coaxial for C20–C35, and 90 & 120 boilers. Adjustable from 555–920mm.	\$512.85

	Code	Description	List \$
	FBFLVX5	Firebird Flue 500mm Extension SS Condensing + Non-Condensing 125mm Coaxial for C20–C35, and 90 & 120 boilers.	\$239.33
	FBFLVX250	Firebird Flue 250mm Extension SS Condensing + Non-Condensing 125mm Coaxial for C20–C35, and 90 & 120 boilers.	\$239.33
	FBFL90	Firebird Flue 90 Bend SS Condensing + Non-Condensing 125mm Coaxial for C20–C35, and 90 & 120 boilers.	\$239.33
	FBFL45	Firebird Flue 45 Bend SS Condensing + Non-Condensing 125mm Coaxial for C20–C35, and 90 & 120 boilers.	\$239.33
	FBFLPKIT	Plume Dispersal Kit 1,000mm for Low Level Flue 125mm Diameter With 1,000mm extension. 20, 26, and 35kW boilers.	\$526.50
	FBFLCHPX250	Plume Dispersal Flue 250mm Extension 80mm For C26 and C35 low level flue and heatpacs.	\$68.38
	FBFLCHPX5	Plume Dispersal Flue 500mm Extension 80mm For C26 and C35 low level flue and heatpacs.	\$109.40
	FBFLCHPX	Plume Dispersal Flue 1m Extension 80mm For C26 and C35 low level flue and heatpacs.	\$205.15
	FBFLCHPX90	Firebird Plume Dispersal Flue 90 Bend 80mm C26 and C35 low level flue and heatpacs.	\$88.89

Diesel Boiler Accessories

	Code	Description	Weight	List \$
	STEEL FUEL TANK			
	Steel tank powder coated with zinc rich dark grey finish. Worksafe Certified construction (Domestic use only).			
	FUTANK500ST	Steel Fuel Tank 480L 1026 x 535 x 1345mm Including feet. Safe fill limit: 452L	Full: 525kg Empty: 125kg	\$2,816.41 NEW
	FUEL TANK AND BUND COMBO			
	Fully enclosed bund for fuel tanks. Meets all New Zealand Council requirements.			
	FUTANKBUND500	Fuel Steel Tank and Galvanised Bund Combo 1026 x 630 x 1480mm		\$3,786.94 NEW
	FUCAPLOCK	Lockable Fuel Tank Cap 2 x 2 1/2" Thread. Requires padlock.		\$59.41
	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.		\$380.29
	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.		\$257.79
	FUFILTER	Fuel Filter 10mm BSPF Transparent filter bowl.		\$33.47

	Code	Description	Weight	List \$
		Teddington fire valves have a 65° sensor and capillary for safe supply of diesel or light oil.		
	TEDDFV2MKIT	Teddington Fire Valve 2m Kit (includes fittings)		\$152.88
	TEDDFV3MKIT	Teddington Fire Valve 3m Kit (includes fittings)		\$174.67
	TEDDFV6MKIT	Teddington Fire Valve 6m Kit (includes fittings)		\$192.84
	TEDDFV9MKIT	Teddington Fire Valve 9m Kit (includes fittings)		\$206.42
	TEDDFV12MKIT	Teddington Fire Valve 12m Kit (includes fittings)		\$276.40
	FUTAP10MM	Fuel Tank Tap 10mm M/F		\$24.36
	FUTIGERLOOPK	Tigerloop Oil De-aerator Kit Tigerloop takes the hassle out of purging fuel systems when new and when you have run out of fuel. De-aerates fuel for longer nozzle life. Lifts fuel if tank is lower than boiler or a long distance away.		\$319.22
	FUELLINECUR	Copper tube fuel line 3/8" Sold in 18m rolls. Domestic use only.		\$240.92
	FUELLINEKIT	Fuel Line Connection Kit For connection of 15mm plastic fuel line to BSP.		\$64.22
	BURNERS			
	FBSPRDB2270	Firebird Riello Burner RDB2.2–20kW		\$1,409.57
	FBSPRDB2290	Firebird Riello Burner RDB2.2–26kW		\$1,409.57
	FBSPRDB22120	Firebird Riello Burner RDB2.2–35kW		\$1,409.57
	FBSPELC20	Elco Burner 20kW Low NO _x		\$1,477.31
	FBSPELC26	Elco Burner 26kW Low NO _x		\$1,375.01
	FBSPELC35	Elco Burner 35kW Low NO _x		\$1,375.01

	Code	Description	List \$
	STPRESSGAUK	Diesel Burner Pressure Gauge Kit For commissioning diesel boilers.	\$264.66
	SMKTK	Smoke Tester Kit Simple kit for commissioning standard efficiency diesel boilers.	\$653.85
	SMKFP	Filter Paper Kit for Testo Smoke Test Tool Filter paper kit to suit SMKTK.	\$53.86

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

FERNOX
MAKES WATER WORK







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Diesel Nozzles

Code	Description	Application	List \$
Diesel nozzles for Firebird and other brand boilers. Servicing item that increases efficiency when replaced annually.			
FBSPNOZ4	Danfoss Diesel Nozzle – 0.4 80H		\$53.56
FBSPNOZ560W	Delavan Diesel Nozzle – 0.5 60W		\$38.26
FBSPNOZ5	Danfoss Diesel Nozzle – 0.5 80H		\$38.26
FBSPNOZ580S	Danfoss Diesel Nozzle – 0.5 80S - Elco 20	Riello 26kW	\$38.26
FBSPNOZ55	Danfoss Diesel Nozzle – 0.55 80S	Riello 26kW	\$38.26
FBSPNOZ60	Danfoss Diesel Nozzle – 0.60 80S		\$38.26
FBSPNOZ6080H	Danfoss Diesel Nozzle – 0.60 80H	Elco 26kW	\$38.26
FBSPNOZ6560W	Delavan Diesel Nozzle – 0.65 60W (Non Firebird applications)		\$61.20
FBSPNOZ6580H	Danfoss Diesel Nozzle – 0.65 80H		\$38.26
FBSPNOZ65	Danfoss Diesel Nozzle – 0.65 80S	Riello 35kW	\$38.26
FBSPNOZ7560S	Danfoss Diesel Nozzle – 0.75 60S	Elco 35kW	\$43.27
FBSPNOZ7560W	Delavan Diesel Nozzle – 0.75 60W (SIME Boiler)		\$61.20
FBSPNOZ7580S	Danfoss Diesel Nozzle – 0.75 80S		\$38.26
FBSPNOZ8580S	Danfoss Diesel Nozzle – 0.85 80S		\$38.26
FBSPNOZ1160ES	Danfoss Diesel Nozzle – 1.1 60ES	Elco 44kW	\$43.27
FBSPNOZ1160S	Danfoss Diesel Nozzle – 1.1 60S	Riello 58kW	\$45.91
FBSPNOZ12580S	Danfoss Diesel Nozzle – 1.25 80S		\$45.91
FBSPNOZ1560S	Danfoss Diesel Nozzle – 1.5 60S	Elco 58kW	\$45.91
FBSPNOZ260S	Danfoss Diesel Nozzle – 2.0 60S	Elco 73kW	\$61.20



	Code	Description	List \$
	TESFLAN	Testo Flue Gas Analyser Kit 327-1 The tool professionals use for commissioning gas and diesel boilers. Comes with thermal printer.	\$4,834.37
	TESCF	Cone Filter for Testo Flue Gas Analyser Probe Bag of 5 filters.	\$160.78
	TESDF	Disc Filters for Testo Flue Gas Analyser Probe 5 x per pack Particle filter.	\$134.62
	TESPR	Testo Printer Paper to suit Infrared Printer Roll of printer paper to suit 0554 0549 infrared printer.	\$138.91

Firebird boilers use Elco burners. 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

Hydronic Cooling

We need heating around 200 days of the year but during the warmer summer months a little cooling is needed to take the edge off those warm days. Central Heating New Zealand has always tried and tested the solutions we offer in the local market and are the leaders in engineering design, product supply and practical application of hydronic heating and cooling systems in New Zealand.

Visit centralheating.co.nz/radiant-cooling for more details on hydronic cooling or go to page 107 for our recommended products for your cooling needs.





Diesel Boilers Commercial

Commercial Condensing Boilers
Commercial Condensing Boiler Flues

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Commercial Condensing Boilers






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 Riello RDB burner with pre-heater
- 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 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)	List \$
 FBE58	Firebird Enviromax C58 Basic Condensing 58kW	58kW	1046 x 464 x 852	\$8,389.78
 FBE73	Firebird Enviromax C73 Basic Condensing 73kW	73kW	1196 x 524 x 852	\$8,912.62
 FBE100	Firebird Enviromax C100 Basic Condensing 100kW	100kW	1250 x 623 x 1071	\$12,037.50

See page 6 for more information about specialist products.



Enviromax Outdoor Boiler

An ideal solution for when space is limited in a building or plant room. Their weatherproof casing is fully insulated for outdoor installation. They feature integral flues and acoustically designed for ultra quiet operation.

- Efficiency up to 95% net
- 5-year warranty
- Requires pump, expansion vessel, pressure gauge and relief valve.








Code	Description	Nom. Output	Dim (H x W x D)	List \$
FB44NZO	Firebird Outdoor Systempac Condensing Boiler	44kW	1124 x 903 x 856	\$10,031.25
FBE44HP	Firebird Enviromax C44 Basic	44kW	1074 x 843 x 856	Indent only
FBE58HP	Firebird Enviromax C58 Basic	58kW	1074 x 843 x 856	Indent only
FBE73HP	Firebird Enviromax C73 Basic	73kW	1124 x 903 x 856	Indent only













See page 6 for more information about specialist products.

Commercial Condensing Boiler Flues

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	List \$
	FBFLCB600KIT	Low Level Flue Kit Horizontal Condensing 150mm For C44 and C58.	\$905.88
	FBFLHLF006VSS	Vertical Flue 3m Condensing 150mm Kit For C44 and C58.	\$2,051.36
	FBFLHLF006HHL	Horizontal High Level Flue Kit 150mm For C44 and C58.	\$1,706.49
	FBFLPDK006SET	Firebird Plume Dispersal Kit 100mm Condensing For C44 and C58.	\$697.47
	FBFLHLF456ELB	Flue Bend 45 Condensing 150 mm For C44 and C58.	\$273.50

	Code	Description	List \$
	FBFLHLF006EXB	Flue Extension 500mm Condensing 150mm For C44 and C58.	\$341.90
	FBFLHLF006EXA	Flue Extension 1m Condensing 150mm Stainless Steel For C44 and C58.	\$512.85
	FBFLCBF007KIT	Low Level Flue Kit Horizontal Condensing 180mm For C73.	\$1,169.37
	FBFLHLF007VHL	Vertical Flue 3m Condensing 180mm Kit For C73.	\$2,700.97
	FBFLHLF007HHL	Horizontal High Level Flue Condensing 180mm Kit For C73.	\$2,222.32
	FBFLHLF007EXA	Flue Extension 1m Condensing 180mm For C73.	\$683.78
	FBFLPDK007SET	Plume Dispersal Kit 125mm Condensing For C73.	\$909.43
	FBFLHLF008VHL	Vertical Flue 3m Condensing 200mm Kit For C100.	\$3,179.62
	FBFLHLF008HHL	Horizontal High Level Flue Condensing 200mm Kit For C100. Supplied with plume kit.	\$2,666.78
	FBFLHLF008EXA	Flue Extension 1m Condensing 200mm For C100.	\$820.54

Other Poujoulat flue options available on indent request.



Biomass Boilers

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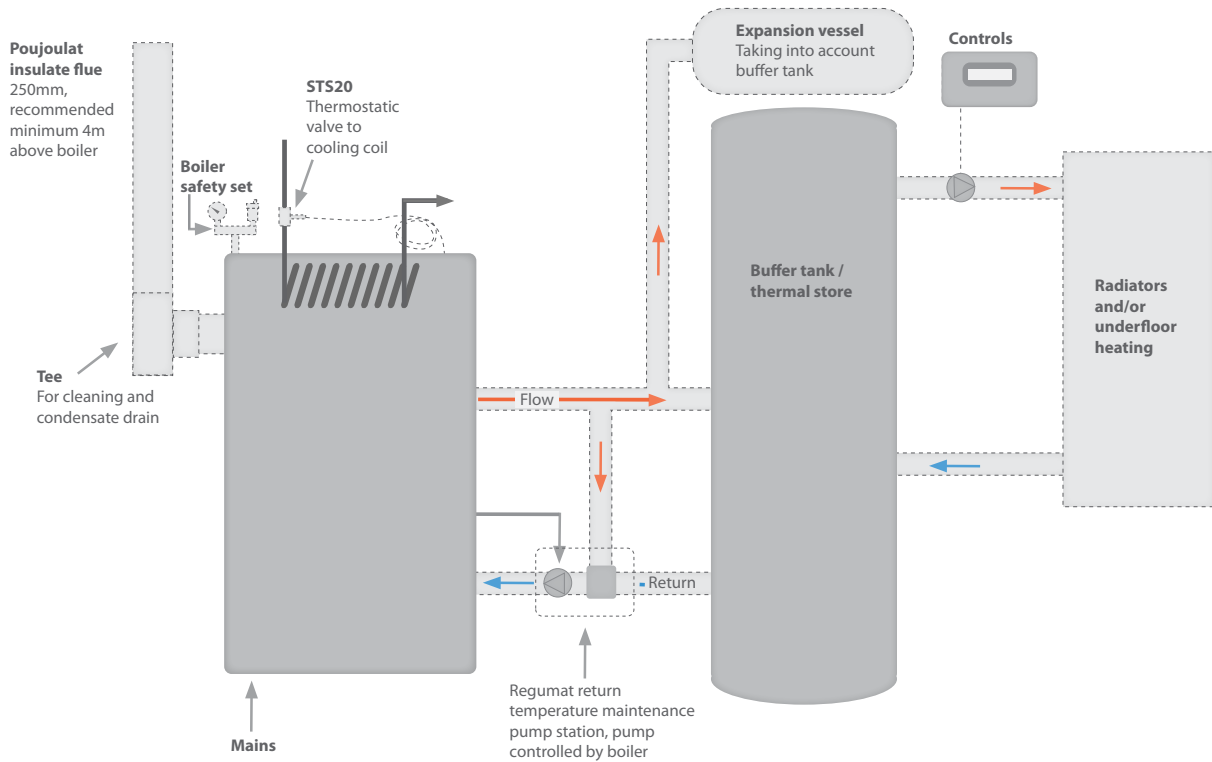


Solutions for every Installation

- 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



Biomass Boilers



Schematic intended as guide only.



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)	List \$
ATK45	Attack Wood Gasifying Boiler DP 45kW	45kW	1080 x 580 x 1265	\$8,937.14

See page 6 for more information about specialist products.





Attack Pellet Boiler

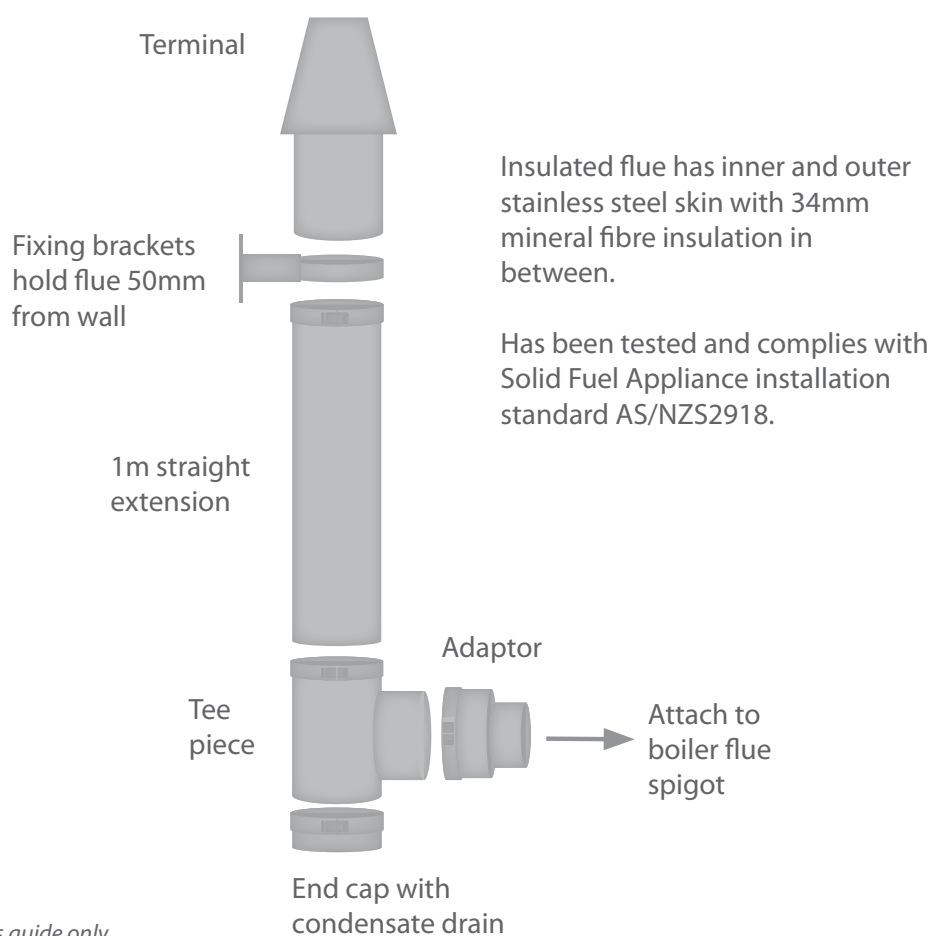
The Attack Pellet boiler is a high efficiency auto operating wood pellet boiler. With easy to use digital key pad for commissioning and status, auto cleaning grate and ash box. Large capacity storage hopper means convenient refueling times.

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

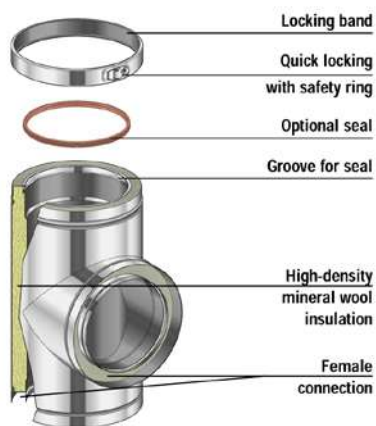


Code	Description	Nom. Output	Dim (H x W x D)	List \$
ATKPEL30	Attack Pellet 30kW Automatic Plus	30kW	1220 x 575 x 1250	\$16,400.48

See page 6 for more information about specialist products.



Biomass Boiler Flues






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	List \$
	GEEA	Poujoulat Adaptor to Boiler 250mm flue to 150mm boiler outlet	\$225.98
	GEET90	Poujoulat Insulated Tee 250mm	\$843.07
	GEEEC	Poujoulat End Cap for Tee 250mm	\$277.42
	GEE1000	Poujoulat Insulated Straight Flue 1,000 x 250mm	\$698.88
	GEECT	Poujoulat Cone Top Terminal 250mm	\$489.30

	Code	Description	List \$
	GEE45	Poujoulat Insulated 45 Bend 250mm	\$549.84
	GEECP	Poujoulat Ceiling Plate 250mm	\$254.00
	GEEWB	Poujoulat Wall Bracket 250mm	\$101.98

Biomass Boiler Accessories

	Code	Description	List \$
	ATKMOV45	Attack Regumat Mixing Station 45–95kW Temperature maintenance and pump unit for solid fuel boilers. Essential for efficiency of boiler and promoting long life.	\$3,009.02
	ATKTRV	Attack Over Temperature Valve STS 20 For connection to cooling heat exchanger in DP or gasification boilers.	\$193.18
	ATKAC	Attack Ash Collector For DP Boilers	\$104.32
	ATKFGT	Attack Flue Gas Thermostat For control of circulating pumps in FD Boilers.	\$87.55

	Code	Description	List \$
	VCOMBSET	Boiler Combination Set 25mm Includes AAV, pressure gauge, pressure relief, 25mm BSPF connection.	\$84.55
	VCOMBSETWM	Boiler Combination Set Wall Mounted Includes AAV, pressure gauge, pressure relief, 25mm BSPF connection.	\$240.20
	ATK540MM	Digital Moisture Meter for Wood Ensure that your wood is below 20% moisture level for optimum wood burning efficiency and smoke reduction.	\$43.34
	HONDR	Honeywell Draught Regulator Draught regulator for control of primary air flap/door on solid fuel appliances.	\$239.55

Geothermal Heat Pump

- Inverter and fixed speed compressor models available with outputs from 5-95kW
- Brine/Water and Water/Water models available
- Seasonal ground source unit efficiencies of up to 500% and water source of up to 600%
- Heating outlet temperatures of up to 60°C from standard models and up to 82°C from heat recovery models
- Wide range of unit specifications and internet connection options available


MasterTherm



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Hamner Springs

In 2014 Hamner Springs upgraded their changing rooms and while completing this work incorporated an underfloor heating system within the new floor slabs.

Powell Fenwick specified a heating system that used waste heat from the pools geothermal heating system and Central Heating New Zealand designed an underfloor heating system that maximised the performance the system could provide with 5 FAR underfloor manifolds and 2000m of Multitubo Composite pipe. The changing room floors are now warm and dry providing a pleasant and clean environment for the pools guests.



Radiators

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Radiator Thermostats	80



Central heating over air wall heaters

A Swedish expat, who experienced central heating as a child, wanted the same clean, silent heat in his architectural dream home. The system designed by Central Heating New Zealand would have to take into consideration large double-glazed windows, minimal space and the client's passion for interior design.

A gas boiler was wall-mounted in the laundry and hidden from view. Radiators were chosen over underfloor heating as the lightweight build did not have a concrete foundation. Central Heating New Zealand worked with the client's architect to position radiators throughout the home. All radiators were installed with a thermostatic head allowing for individual room temperature settings. A programmable WiFi thermostat was also installed for centralised control.



DeLonghi Panel Radiators



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.)



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



Code	Dim (H x L)	90/70/20	80/60/20	55/45/20	List \$
DLP213400	DL Radiator T21 300 x 400	397 W	316 W	166 W	\$197.50
DLP214600	DL Radiator T21 400 x 600	757 W	601 W	314 W	\$226.48
DLP214800	DL Radiator T21 400 x 800	1010 W	801 W	419 W	\$265.72
DLP2141000	DL Radiator T21 400 x 1000	1262 W	1001 W	523 W	\$318.37
DLP2141200	DL Radiator T21 400 x 1200	1514 W	1201 W	628 W	\$364.43
DLP216400	DL Radiator T21 600 x 400	710 W	561 W	290 W	\$193.02
DLP216600	DL Radiator T21 600 x 600	1065 W	841 W	435 W	\$251.38
DLP216800	DL Radiator T21 600 x 800	1420 W	1122 W	580 W	\$305.31
DLP2161000	DL Radiator T21 600 x 1000	1775 W	1402 W	725 W	\$361.99
DLP2161200	DL Radiator T21 600 x 1200	2130 W	1683 W	870 W	\$423.57
DLP2161600	DL Radiator T21 600 x 1600	2839 W	2244 W	1161 W	\$532.42

NEW

DeLonghi Thermostatic Head and Valve Block Kit

Designer series air sensing thermostat that combine 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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NEW ZEALAND



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



Code	Dim (H x L)	90/70/20	80/60/20	55/45/20	List\$
DLP2231000	DL Radiator T22 300 x 1000	1264 W	998 W	514 W	\$309.06
DLP2231200	DL Radiator T22 300 x 1200	1516 W	1197 W	617 W	\$346.69
DLP2231400	DL Radiator T22 300 x 1400	1769 W	1397 W	720 W	\$384.31
DLP2231600	DL Radiator T22 300 x 1600	2022 W	1596 W	823 W	\$421.95
DLP2231800	DL Radiator T22 300 x 1800	2275 W	1796 W	926 W	\$459.58
DLP2241000	DL Radiator T22 400 x 1000	1579 W	1245 W	640 W	\$329.68
DLP2241200	DL Radiator T22 400 x 1200	1894 W	1494 W	768 W	\$382.66
DLP2241400	DL Radiator T22 400 x 1400	2210 W	1743 W	896 W	\$407.65
DLP2241600	DL Radiator T22 400 x 1600	2526 W	1992 W	1025 W	\$463.53
DLP2241800	DL Radiator T22 400 x 1800	2842 W	2241 W	1153 W	\$510.62
DLP2242000	DL Radiator T22 400 x 2000	3157 W	2490 W	1281 W	\$541.77
DLP2242300	DL Radiator T22 400 x 2300	3631 W	2864 W	1473 W	\$557.70
DLP226400	DL Radiator T22 600 x 400	874 W	688 W	352 W	\$195.88
DLP226600	DL Radiator T22 600 x 600	1311 W	1032 W	528 W	\$260.52
DLP226800	DL Radiator T22 600 x 800	1748 W	1376 W	704 W	\$319.27
DLP2261000	DL Radiator T22 600 x 1000	2185 W	1720 W	880 W	\$381.04
DLP2261200	DL Radiator T22 600 x 1200	2622 W	2064 W	1056 W	\$441.91
DLP2261400	DL Radiator T22 600 x 1400	3059 W	2408 W	1232 W	\$500.77
DLP2261600	DL Radiator T22 600 x 1600	3496 W	2752 W	1408 W	\$554.81
DLP2261800	DL Radiator T22 600 x 1800	3933 W	3096 W	1584 W	\$604.33
DLP2262000	DL Radiator T22 600 x 2000	4370 W	3440 W	1760 W	\$679.76
DLP2262300	DL Radiator T22 600 x 2300	5025 W	3956 W	2024 W	\$736.12
DLP229400	DL Radiator T22 900 x 400	1234 W	968 W	490 W	\$312.74
DLP229600	DL Radiator T22 900 x 600	1852 W	1452 W	734 W	\$397.61
DLP229800	DL Radiator T22 900 x 800	2469 W	1936 W	979 W	\$482.48



Panel Radiators Type 32

DeLonghi Type 32 steel panel radiators are the best value LST radiator on the market.

- Indent only; please enquire for sizes and pricing
- Low surface temperature (LST) radiator: ideal for hospitals, rest homes and early learning centres
- Integral thermostatic valve and bottom pipe entry
- F7 Easyfit brackets included
- 2 heating panels; 1 non-heating panel; 3 convectors:



Panel Radiators Type 33

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:



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	List \$
DLV21-14400	DL Vertical Type 21 1400 x 400	1355 W	1070 W	552 W	\$731.24
DLV22-18400	DL Vertical Type 22 1800 x 400	1989 W	1552 W	774 W	\$1,042.28
DLV22-18500	DL Vertical Type 22 1800 x 500	2487 W	1940 W	967 W	\$1,069.97
DLV22-18600	DL Vertical Type 22 1800 x 600	2984 W	2328 W	1082 W	\$1,192.45

A range of other sizes available indent on request.

Korado Line Radiators



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.

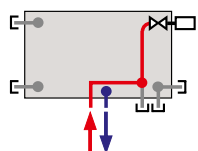
With 8 ports for connection, it's the easiest most adaptable radiator range we have and makes for easy installation in new or existing homes.

The Korado is available in heights ranging from 400 to 600mm and lengths 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 special order.

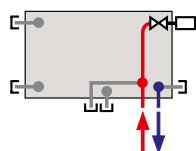
Korado radiators are around 40% more expensive than their DeLonghi equivalents, for a homeowner this equates to around \$2-2,500+GST extra for a homes worth (10) of radiators. All of our radiator system designs and quotes based on DeLonghi radiators will include an indicative value to upgrade to Korado radiators to make it easy for you to present this option to your clients.

To view the entire range visit trade.centralheating.co.nz/products/radiators/#korado-line

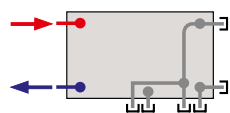
Central connection



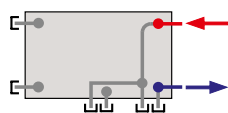
Right bottom connection



Left connection



Right connection



NEW

Korado Thermostatic Head and Valve Block Kit

Designer series air sensing thermostat that combine 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

Retrofitted earthquake home

Central Heating New Zealand supplied and installed a customised dual heating system to meet the homeowner's requirements for their renovated home. The main part of their "new" home now has 10 smooth linear lined Korado radiators and x2 Agata heated towel rails which are heated efficiently by our reliable 16kW Chofu Air-to-Water Heat pump. These stylish radiators pack the punch and provide reactive heating – they quickly heat up and cool down which is ideal with the ever-changing New Zealand weather.

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

 Central Heating
NEW ZEALAND



Korado Radiator

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
- Height 400, 600 and 900mm, Length 600 to 1800mm
- F7 Easyfit brackets included
- Right-hand TRV install



Code	Dim (H x L)	90/70/20	80/60/20	55/45/20	List\$
KRLIN214600	Korado Line Type 21 400 x 600	689 W	535 W	277 W	\$370.43
KRLIN214800	Korado Line Type 21 400 x 800	919 W	714 W	370 W	\$414.98
KRLIN2141000	Korado Line Type 21 400 x 1000	1149 W	892 W	462 W	\$459.54
KRLIN2141200	Korado Line Type 21 400 x 1200	1379 W	1070 W	554 W	\$504.08
KRLIN216400	Korado Line Type 21 600 x 400	626 W	484 W	247 W	\$385.75
KRLIN216600	Korado Line Type 21 600 x 600	939 W	726 W	371 W	\$439.58
KRLIN216800	Korado Line Type 21 600 x 800	1252 W	967 W	495 W	\$493.36
KRLIN2161000	Korado Line Type 21 600 x 1000	1565 W	1209 W	619 W	\$545.62
KRLIN2161200	Korado LineType 21 600 x 1200	1878 W	1451 W	742 W	\$600.93
KRLIN2241000	Korado Line Type 22 400 x 1000	1476 W	1150 W	600 W	\$501.07
KRLIN2241200	Korado Line Type 22 400 x 1200	1772 W	1380 W	720 W	\$550.19
KRLIN2241800	Korado Line Type 22 400 x 1800	2657 W	2069 W	1080 W	\$696.23
KRLIN226400	Korado Line Type 22 600 x 400	825 W	640 W	330 W	\$419.62
KRLIN226600	Korado Line Type 22 600 x 600	1238 W	960 W	494 W	\$478.02
KRLIN226800	Korado Line Type 22 600 x 800	1651 W	1279 W	659 W	\$537.98
KRLIN2261000	Korado Line Type 22 600 x 1000	2064 W	1599 W	824 W	\$596.38
KRLIN2261200	Korado LineType 22 600 x 1200	2476 W	1919 W	989 W	\$656.23
KRLIN2261400	Korado Line Type 22 600 x 1400	2889 W	2239 W	1154 W	\$714.71
KRLIN2261600	Korado Line Type 22 600 x 1600	3302 W	2559 W	1319 W	\$774.60
KRLIN2261800	Korado Line Type 22 600 x 1800	3715 W	2879 W	1483 W	\$833.07
KRLIN229400	Korado Line Type 22 900 x 400	1133 W	886 W	445 W	\$571.77
KRLIN229600	Korado Line Type 22 900 x 600	1700 W	1329 W	667 W	\$654.77
KRLINV2216400	Korado Line Type Vertical 22 1600 x 400	1712 W	1343 W	680 W	\$1,187.66
KRLINV2218600	Korado Line Type Vertical 22 1800 x 600	2825 W	2215 W	1121 W	\$1,613.41

Designer Radiators

In addition to our standard range of radiators, we also have designer radiator options available on special order from DeLonghi, Radiatori, Ridea and Scirocco. Visit centralheating.co.nz/designer to see the options available.



DeLonghi

Multicolonna Radiators

The stylish, retro DeLonghi Multicolonna column radiators suit both contemporary and traditional settings.

- 2-6 columns deep
- Lengths to 2,000mm
- Heights to 2,000mm
- Horizontal and vertical models available
- Custom colour choices available
- Indent only; please enquire for sizes and pricing



Arroll Radiators

Arroll cast iron radiators have an elegance and easy glamour that will complement modern and traditional spaces. Arroll radiators come in a primed finish but can be painted to any RAL colour or semi polished to give them a contemporary or playful twist.

- To view the entire range visit trade.centralheating.co.nz/arroll
- Indent only; please enquire for sizes and pricing.

Arroll



Ridea
heating design

Piano Move Radiators

Ridea Piano Move is synonymous with performance, technology and design. Everything takes shape thanks to the unusual and unique arrange of the elements.

- Horizontal and vertical models available
- Indent only; please enquire for sizes and pricing



SCIROCCO
LIVING THE WARM










Square Radiators










Scirocco Square is a steel radiator with wall installation characterized by distinctive measures and innovative design. Strong point is its central heart where valve, holder and hydraulic connections are cleverly masked by the humidifier element, which makes its design clean and minimal.










- Central valve
- Indent only; please enquire for sizes and pricing

For integrated valve radiators or conventional Danfoss valves.

Radiator Accessories

	Code	Description	List \$
	DLBKTESY300	DL Bracket Easyfit 300 (pair)	\$32.69
	DLBKTESY400	DL Bracket Easyfit 400 (Pair)	\$34.00
	DLBKTESY500	DL Bracket Easyfit 500 (Pair)	\$35.99
	DLBKTESY600	DL Bracket Easyfit 600 (Pair)	\$37.53
	DLBKTESY700	DL Bracket Easyfit 700 (Pair)	\$40.96
	DLBKTESY900	DL Bracket Easyfit 900 (Pair)	\$40.70
	DLKEY	DL Vent Key (bleeder) Square key.	\$11.11
	DLPS	Radiator Paint Touch Up Stick Colour RAL 9016 (for DeLonghi radiators).	\$16.75
	KRPS	Paint Touch Up Stick Colour RAL 9016 (for Korado radiators).	\$19.81
	DLBUNG	DL 1/2" Radiator Bung	\$7.07
	DLVENT	Radiator Air Vent Bung Air venting bung 15mm BSPM.	\$10.53
	ALAVENT	Aladdin Auto Radiator Air Vent Bung Never vent your radiator or towel rail again. 1/2" BSP Chrome HV30 – 1 Pack.	\$23.41
	MANAV18	Manual Air Vent 1/8" BSP	\$10.59
	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.	\$101.17

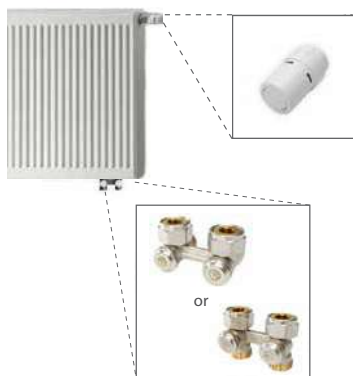
	Code	Description	List \$
	DLVT	Radiator Venting Tool	\$15.63
	MEARCALC	Mears Heatloss Calculator Improve your professionalism with the Mears Heatloss Calculator. Ideal for quick calculation of room heatloss. Also calculates pipe sizing for radiator systems.	\$223.55
	DLBKTFSPK3	DL Bracket Floor PK3 Standing (pair) For Type 22, 32 and 33 radiators.	\$305.94
	DLBKTF5	DL Bracket Floor Standing (pair) For Type 22, 32 and 33 radiators.	\$207.03
	DLRPPF	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.	\$8.71
	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.	\$56.52
	RADLIFT	MGF Radiator Lifter Cart Easy mounting of large radiators with just one person. Compact radiators cart and lifter. <ul style="list-style-type: none"> • Maximum weight 200Kg • Lifts up to 380mm 	\$1,404.17
	DLMCGBT	Multicolonna GBT wall bracket	\$61.62
	CROS16C	Rosette Pipe Flange Chrome ID: 16mm OD: 46mm 100 in box	\$2.88

	Code	Description	List \$
	CROS16MMW	Rosette Pipe Flange White ID: 16mm OD: 46mm 100 in box	\$0.68
	CROS20MMW	Rosette Pipe Flange White ID: 20mm OD: 52mm 100 in box	\$0.68
	CROS28W	Rosette Pipe Flange White ID: 28mm OD: 60mm 100 in box	\$0.68
	CSNAPC	Snappit 15mm x 200mm Chrome Pipe Cover	\$65.97
	PEG632013	Pegler TRV + Lockshield Angled White Pack Bidirectional valve kit complete with copper pipe connectors. Composite connectors available.	\$60.45
	PEG632113	Pegler TRV + Lockshield Straight White Pack Bidirectional valve kit complete with copper pipe connectors. Composite connectors available.	\$85.71
	PEG632230	Pegler TRV + Lockshield Angled Chrome Pack Bidirectional valve kit complete with copper pipe connectors. Composite connectors available.	\$88.19
	PEG632235	Pegler TRV + Lockshield Straight Chrome Pack Bidirectional valve kit complete with copper pipe connectors. Composite connectors available.	\$89.00
	CONUN3200	Composite Pipe Connector Eurocone 16mm x 1/2" For Pegler valves.	\$9.68
	DANCCOM	Danfoss Composite Pipe Connector 16mm x 1/2" MT	\$14.32
	DANCCOP15	Danfoss Copper Pipe Connector 15mm x 1/2" MT	\$4.65

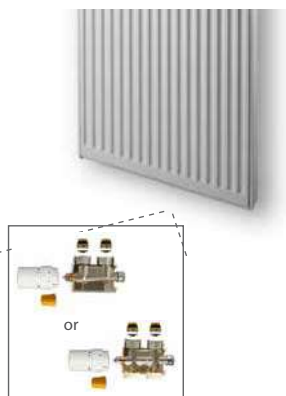
Panel Radiator Valves & Connectors

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

DeLonghi Horizontal


















DeLonghi Vertical



Korado Horizontal



		Code	Description	List \$
NEW		DLRAK	DeLonghi Radiator Angled Kit Packaged with a valve block, composite connectors, thermostatic head and rosettes, purchase as a kit and save 30%.	\$106.59
NEW		DLRSK	DeLonghi Radiator Straight Kit Packaged with a valve block, composite connectors, thermostatic head and rosettes, purchase as a kit and save 30%.	\$106.59
NEW		KRAK	Korado Radiator Angled Kit Packaged with a valve block, composite connectors, thermostatic head and rosettes, purchase as a kit and save 30%.	\$117.39
NEW		KRSK	Korado Radiator Straight Kit Packaged with a valve block, composite connectors, thermostatic head and rosettes, purchase as a kit and save 30%.	\$117.39
		DLVBANG	DeLonghi Angle Valve Block Discreetly conceal pipe work with this stylish valve block. 50mm pipe centres. Isolation ports.	\$64.92
		DLVBSTR	DeLonghi Straight Valve Block Discreetly conceal pipe work with this stylish valve block. 50mm pipe centres. Isolation ports.	\$64.92
		KRVBANG	Korado Angled Valve Block Kit Discreetly conceal pipe work with this stylish radiator valve block. 50mm pipe centres. Isolation ports.	\$76.49
		KRVBSTR	Korado Straight Valve Block Kit Discreetly conceal pipe work with this stylish radiator valve block. 50mm pipe centres. Isolation ports.	\$76.49

	Code	Description	List \$
	KRIVC	Korado Integral Valve Cover Plastic cover around valve/TRV. Replacement part.	\$6.91
	DLVBD3L0295	Self Sealing Connection Nipple To fit radiator valve blocks for Korado & DeLonghi vertical radiators.	\$5.79
	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.	\$180.11
	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.	\$180.11
	DANDBSTR	Danfoss Straight Dynamic Balancing Valve Block Innovative pressure balancing valve eliminates installation issues.	\$183.74
	DANDBANGR	Danfoss Angle Dynamic Balancing Valve Block Innovative pressure balancing valve eliminates installation issues. Flow Right.	\$182.38
	DANDBANGL	Danfoss Angle Dynamic Balancing Valve Block Innovative pressure reducing valve eliminates installation issues. Flow Left.	\$182.38
	CON437515	Copper Pipe Connector 15mm x 3/4" Single connector for DL valve blocks.	\$6.21
	CONMT1634	Composite Pipe Connector Eurocone 16mm x 3/4" For DL valve blocks and UF manifolds.	\$9.31
	CONMT2034	Composite Pipe Connector Eurocone 20mm x 3/4" For DL valve blocks and UF manifolds.	\$9.47
	DLVBDANTRVA	Danfoss Angled DANTRV Valve Block Conceal pipe work with this stylish valve block. 50mm pipe centres. Isolation ports. Ideal for vertical radiators.	\$206.45
	DLVBDANTRVS	Danfoss Straight DANTRV Valve Block Conceal pipe work with this stylish valve block 50mm pipe centres. Isolation ports. Ideal for vertical radiators.	\$206.45
	DANURXCAL	Danfoss URX Air Sensing Chrome Valve Pack (Left) Stylish and streamlined valve connection kit for 4 port connection radiators. Right hand air sensing.	\$352.07
	DANURXCA	Danfoss URX Air Sensing Chrome Valve Pack (Right) Stylish and streamlined valve connection kit for 4 port connection radiators. Right hand air sensing.	\$352.07
	DANLSANG	Danfoss Angle Lockshield Valve 15mm Chrome-plated designer series valve suitable for use with DeLonghi Richmond towel rails.	\$46.86

NEW

RADIATORS

Radiator Thermostats

	Code	Description	List \$
	DANLSST	Danfoss Lockshield Straight Valve 15mm Chrome-plated designer series valve suitable for use with DeLonghi Richmond towel rails.	\$46.86
	DANTHANG	Danfoss Angle TRV Valve 15mm Chrome-plated designer series valve suitable for use with DeLonghi Richmond towel rails. Vernier adjustment without tools. Select appropriate thermostatic head.	\$62.13
	DANTHST	Danfoss Straight TRV Valve 15mm Chrome-plated designer series valve suitable for use with DeLonghi Richmond towel rails. Vernier adjustment without tools. Select appropriate thermostatic head.	\$62.13
	DANTRV	Danfoss RAX Thermostatic Head White Designer series thermostats that combine elegance and convenience. Air sensing.	\$67.37
	DANTRVB	Danfoss RAX Thermostatic Head Black Designer series thermostats that combine elegance and convenience. Air sensing.	\$80.83
	DANTRVC	Danfoss RAX Thermostatic Head Chrome Designer series thermostats that combine elegance and convenience. Air sensing.	\$87.57
	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.	\$175.11
	DANTRVK	Danfoss RAX Thermostatic Head White For Korado radiators.	\$71.23
	DANTRVKC	Danfoss RAX-K Thermostatic Head Chrome For Korado radiators.	\$87.57
	DANTRVTP	Danfoss RA2000 Tamper Proof Thermostatic Head Ideal for commercial applications where air temperature control is to be fixed. For Danfoss valves.	\$119.09
	DANTRVTPAT	Danfoss Tamper Proof Thermostatic Head Adjustment Tool Tamper proof thermohead adjustment tool.	\$19.25



Towel Rails

Towel Rails

83

Towel Rail Accessories

85



Korado Radiators

- 25-year warranty
- 8 port radiator for flexible installation (including central connection)
- Contemporary design that compliments modern home decor
- Height 400, 600 and 900mm, Length 600 to 1800mm
- Custom colouring available
- Horizontal and vertical models available
- Right hand TRV install

 KORADO®



Towel Rails



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

DeLonghi



— Central Connection Valve

Code	Description	Output	Dim (H x L)	List \$
DLTRRCL7450	DL TR Richmond Chrome Straight	192W	691 x 450	\$452.79
DLTRRCL7600	DL TR Richmond Chrome Straight	240W	691 x 600	\$473.26
DLTRRCL12450	DL TR Richmond Chrome Straight	341W	1186 x 450	\$552.84
DLTRRCL12600	DL TR Richmond Chrome Straight	431W	1186 x 600	\$583.37
DLTRRCL12600C	DL TR Richmond Chrome Straight With central connection.	431W	1186 x 600	\$704.70
DLTRRCL16500	DL TR Richmond Chrome Straight	488W	1591 x 500	\$607.10
DLTRRWL12600	DL TR Richmond White Straight	598W	1186 x 600	\$291.69



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

DeLonghi

Code	Description	Output	Dim (H x L)	List \$
DLTRRCP12600	DL TR Richmond Chrome Curved	431W	1186 x 600	\$700.42
DLTRRWP12600	DL TR Richmond White Curved	598W	1186 x 600	\$302.46



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	Output	Dim (H x L)	List \$
DLAGATA1108L	DeLonghi Agata Linea White – Straight	585W	1108 x 550	\$994.69
DLAGATA1108A	DeLonghi Agata Linea Anthracite – Straight	585W	1108 x 550	\$1,342.80



Cortina Towel Rails

Sharp contemporary towel rail in square tube.



Code	Description	Output	Dim (H x L)	List \$
DLTRC14550	DeLonghi Cortina Towel Rail – White	839W	1321 x 580	\$466.77



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)	List \$
DLTRUC17735	DeLonghi Unique Towel Rail	550W	1690 x 735	\$1,423.17



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)	List \$
BBTRT9640	Heritage Towel Rail	520W	945 x 640	\$1,833.52



Clip on Towel Rail




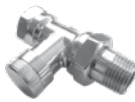


Clip on towel rail, ideal for drying towels in front of radiators. Simple install which clamps over the radiator grill.










- Width: 800mm
- Colour: White – RAL 9016



Code	Description	List \$
DCBTH	Bianco Towel Hanger 800	\$101.17

Towel Rail Accessories






Richmond Towel Rail Accessories

	Code	Description	List \$
	DANURXC	Danfoss URX Chrome Valve Pack Stylish and streamlined valve connection kit for towel rails. Water sensing thermostatic control.	\$393.72
	DANURXW	Danfoss URX White Valve Pack Stylish and streamlined valve connection kit for towel rails. Water sensing thermostatic control.	\$342.39
	DANLSANG	Danfoss Angle Lockshield Valve 15mm Chrome-plated designer series valve suitable for use with Plus aluminium radiators and DeLonghi Richmond towel rails.	\$46.86
	DANLSST	Danfoss Lockshield Straight Valve 15mm Chrome-plated designer series valve suitable for use with Plus aluminium radiators and DeLonghi Richmond towel rails.	\$46.86
	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.	\$62.13
	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.	\$62.13



	Code	Description	List \$
	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.	\$436.63
	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.	\$436.63
	DANRTXC	Danfoss RTX Thermostatic Head Chrome Stylish designer series water sensing head suitable for use with DeLonghi Richmond towel rails.	\$113.84
	DANRTXW	Danfoss RTX Thermostatic Head White Stylish designer series water sensing head suitable for use with DeLonghi Richmond towel rails.	\$87.57
	PEG632013	Pegler TRV + Lockshield Angled White Pack Bidirectional valve kit complete with copper pipe connectors. Composite connectors available.	\$60.45
	PEG632113	Pegler TRV + Lockshield Straight White Pack Bidirectional valve kit complete with copper pipe connectors. Composite connectors available.	\$85.71
	PEG632230	Pegler TRV + Lockshield Angled Chrome Pack Bidirectional valve kit complete with copper pipe connectors. Composite connectors available.	\$88.19
	PEG632235	Pegler TRV + Lockshield Straight Chrome Pack Bidirectional valve kit complete with copper pipe connectors. Composite connectors available.	\$89.00
	CONUN3200	Composite Pipe Connector Eurocone 16mm x 1/2" For Pegler valves.	\$9.68
	DANCCOM	Danfoss Composite Pipe Connector 16mm x 1/2" MT	\$14.32

	Code	Description	List \$
	DANCCOP15	Danfoss Copper Pipe Connector 15mm x 1/2" MT	\$4.65
	DLTREEPLAIN100	DL Towel Rail Electric Element 100W Run your towel rails during summer when the heating system is off. For smaller towel rails.	\$106.70
	DLTREEPLAIN200	DL Towel Rail Electric Element 200W Run your towel rails during summer when the heating system is off. For larger towel rails.	\$106.70

Agata Towel Rail Accessories

	Code	Description	List \$
	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.	\$436.63
	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.	\$436.63
	DANDUEI	Danfoss Duo Valve Block Electric Element Chrome Insert	\$78.03
	DANCCOM	Danfoss Composite Pipe Connector 16mm x 1/2" MT	\$14.32
	DANCCOP15	Danfoss Copper Pipe Connector 15mm x 1/2" MT	\$4.65

Traditional Towel Rail Accessories

	Code	Description	List \$
	BB3CBTR	Chrome 300mm Brass Tube and Rosette (Pair of Tubes 2 Rosette).	\$94.94
	BBCLSXH	Chrome Luxury Lock Shield Cross Head (Pair)	\$150.59

Towel Rails

Our range of towel rails come in various shapes, sizes and colours. Please contact us for more information.





Fan Coil Radiators

Fan Coil Radiators	91
Fan Coil Accessories	92
Trench Heaters	92

Licon Convector Heating



In 2021 Central Heating New Zealand were introduced to Licon by our new designer radiator supplier Korado. Licon has been a part of the Korado group since 2013 but Licon has a history dating back to 1968 when they started manufacturing early versions of their convectors.

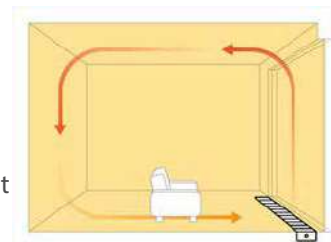
Licon is a specialist manufacturer of convector heating products and have a vast range of on-floor, in-floor, and on-wall natural convection and fan forced heating and cooling products. Central Heating New Zealand started supplying Licon products for these applications in 2022 and were immediately impressed with the packaging, quality, and technical support provided by Licon.

Licon's range of trench convectors provide a vast but simple range of sizes and features to suit any projects requirements. The inclusion of fan forced units provide a great solution to be paired with underfloor heating or cooling system to boost the heating or cooling performance in highly glazed areas.

Licon also offer customised solutions with custom lengths and curved units that allow for an improved aesthetic appearance with a continuous trench throughout the space. Options for fresh air spigots also allow seamless integration with other aspects of the buildings mechanical system and custom configurations for larger projects are possible.



Trench convectors are a great solution for spaces with large amounts of glazing such as living spaces and retail showrooms, with the heat being delivered directly to the glazed façade.



This can prevent the formation of condensation on the windows and reduce the radiant cooling effect on those inside, improving the comfort and functionality of the building.

For your next high-end project that needs a high-end solutions talk to your local sales representative to get a design and quote for a Licon option. The colours, grille types, and configuration of the units can all be customized to perfectly suit each projects need.



Fan Coil Radiators

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	List \$
		70/60/20	50/45/20	7/12/27	
FCOSLP400	Olimpia Fan Coil 400 Bi2 SL + Inverter 597 x 897 x 129 (H x W x D)	3880W	2310W	1740W	\$1,770.75
FCOSLP800	Olimpia Fan Coil 800 Bi2 SL + Inverter 597 x 1297 x 129 (H x W x D)	6880W	4100W	3290W	\$2,135.27

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



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)	List \$
FCSSS9	Smiths EP Space Saver SS9 Kickspace Fan Coil 2400W	2400W	100 x 440 x 355	\$1,226.99

Fan Coil Accessories

	Code	Description	List \$
	FCDV2	Fan Coil 1/2" 2 Way 230V Divertor Valve	\$331.70
	FCDV3	Fan Coil 1/2" 3 Way 230V Divertor Valve	\$465.54
	FCOSLPF	Olimpia Fan Coil Bi2 SL + Inverter Feet Recommended FCOSLPFB for floor mounting.	\$121.62
	FCOSLPFB	Olimpia Bi25L+Floor fixing bracket kit Recommended FCOSLPF for bracket mounting.	\$64.00

Trench Heaters

NEW



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 Heating

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Underfloor Pipe



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)

NEW PRICE

NEW PRICE

Code	Description	Dimensions	List \$
MT16-200	MT 16 Composite Pipe 200m Coil	16 x 2mm	\$575.71
MT16-500	MT 16 Composite Pipe 500m Coil	16 x 2mm	\$1,439.24

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	List \$
MT16PERT-300	MT 16 PE-RT UF Pipe 300m Coil	16 x 2mm	\$749.34
MT16PERT-500	MT 16 PE-RT UF Pipe 500m Coil	16 x 2mm	\$1,248.90



Pipe Decoiler 4 Arm

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

Code	Description	List \$
MTTPD	Pipe Decoiler 4 Arm	\$1,252.21

Underfloor Manifolds



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	List \$
UFM04WI	iTAP Underfloor 4 Way Manifold	412mm	336mm	\$466.07
UFM06WI	iTAP Underfloor 6 Way Manifold	512mm	336mm	\$566.54
UFM08WI	iTAP Underfloor 8 Way Manifold	612mm	336mm	\$683.05
UFM10WI	iTAP Underfloor 10 Way Manifold	712mm	336mm	\$783.50
UFM12WI	iTAP Underfloor 12 Way Manifold	812mm	336mm	\$887.98
UFM13WI	iTAP Underfloor 13 Way Manifold	862mm	336mm	\$952.27

ITAP Underfloor Manifold Components

	Code	Description	List \$
	UFM1XIT	<p>iTAP UF 1 Port Manifold Extension</p> <p>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.</p>	\$138.24
	UFMM1MP	<p>iTAP Modulating UF Mixer Unit</p> <p>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.</p>	\$1,187.58
	UFMITU1	<p>iTAP UF Manifold to Manifold 1" MM Union</p> <p>For joining manifold to mixer.</p>	\$32.26

Underfloor Manifold Components

	Code	Description	List \$
		Controls the underfloor manifold ports on a iTap and FAR manifold for control of underfloor zones in the heating system. Standard wiring configuration.	
	UFMACTF	Manifold Actuator NC 230V	\$94.91
	UFMACT24	Manifold Actuator NC 24V	\$94.91
		FAR Actuator with switch NC 230V for UF Manifold	
	UFMAS	Controls the underfloor manifold ports on a iTap manifold for control of underfloor zones in the heating system. End switch actuation for specific control.	\$132.67
	CONMT1634	Composite Pipe Connector Eurocone 16mm x 3/4" For DL Valve Blocks and UF manifolds.	\$9.31
	CONMTPERT	PE-RT Pipe Connector Eurocone 16mm x 3/4" Eurocone connection of 16 x 2mm PE-RT pipe to underfloor manifolds or joiners.	\$6.68
	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.	\$6.21
	UFJR	Joint Repair Connection (Joiner) Chrome Plated 3/4" Eurocone. Fantastic sliding sleeve makes joining repairs a breeze.	\$43.81
	EMEUCOSPLIT	3/4" Eurocone Splitter For equal length short loops.	\$45.85



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	List \$
UFMKIT06	FAR UF 6 Way Manifold Kit	375mm	\$1,006.07
UFMKIT08	FAR UF 8 Way Manifold Kit	475mm	\$1,249.37

Code	Description	Length	List \$
UFMKIT09	FAR UF 9 Way Manifold Kit	530mm	\$1,337.24
UFMKIT10	FAR UF 10 Way Manifold Kit	580mm	\$1,479.73
UFMKIT11	FAR UF 11 Way Manifold Kit	630mm	\$1,562.45
UFMKIT12	FAR UF 12 Way Manifold Kit	680mm	\$1,669.16
UFMKIT13	FAR UF 13 Way Manifold Kit	730mm	\$1,811.65
UFMKIT14	FAR UF 14-Way Manifold Kit	780mm	\$1,954.12
UFMKIT15	FAR UF 15 Way Manifold Kit	830mm	\$2,036.83
UFMKIT16	FAR UF 16 Way Manifold Kit	880mm	\$2,179.32
UFMKIT17	FAR UF 17 Way Manifold Kit	930mm	\$2,267.20
UFMKIT18	FAR UF 18 Way Manifold Kit	980mm	\$2,409.68

Other FAR manifold sizes available on request.

FAR Underfloor Manifold Components

	Code	Description	List \$
	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.	\$1,126.79
	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.	\$1,465.93
	UFMM1MU	FAR Modulating UF Mixer Unit without actuator	Indent
	UFMM1MA	FAR Modulating Mixer Actuator 24v	Indent NEW
	UFMM1MA23	FAR Modulating Mixer Actuator 230v	Indent NEW

	Code	Description	List \$
	UFMM1V	Mixing Valve for FAR Fixed Point UF Mixer Unit 55°C maximum setpoint and 4°C supply differential.	\$455.28
	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.	\$115.55
	UFMB	Underfloor Manifold Bracket 1" FAR Metal underfloor manifold bracket 1".	\$18.80

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

Underfloor Manifold Cabinet



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

- Powder-coated cream

Code	Description	Dim (H x W x D)	List \$
UFC0750	Underfloor Manifold Latched Cabinet	665 x 750 x 130	\$528.25
UFC0900	Underfloor Manifold Latched Cabinet	665 x 900 x 130	\$553.94
UFC1100	Underfloor Manifold Latched Cabinet	665 x 1100 x 130	\$609.50
UFC1200	Underfloor Manifold Latched Cabinet	665 x 1200 x 130	\$660.98
UFC1200B	Underfloor Manifold Lockable Cabinet	665 x 1200 x 165	\$956.81
UFC1500B	Underfloor Manifold Lockable Cabinet	665 x 1500 x 165	\$1,251.20

Recessed Manifold Cabinet











Powder-coated galvanized 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)	List \$
UFC0800R	Manifold Recessed Cabinet	500 x 800 x 110	\$552.30
UFC1000R	Manifold Recessed Cabinet	500 x 1000 x 110	\$629.77
UFC1200R	Manifold Recessed Cabinet	500 x 1200 x 110	\$727.97

Barrell locks available for 130mm cabinets on request.

Underfloor Accessories

	Code	Description	List \$
	HONUFRETLIM	Honeywell UF Return Limiting Valve This compact regulation valve enables 'add on' underfloor heating to radiator systems. Maximum 15sqm of underfloor heating. Ideal for adding underfloor heating to bathrooms or other tiled areas. Recommend checking of system pressure drop.	\$410.12
	VRELUFMIX	Reliance Underfloor Mixing Valve Simple underfloor mixing valve for bespoke configuration application. 25mm with 3/4" BSPM connections.	\$328.06
	UFWTG	Winkler Underfloor Tacker Gun Make stapling underfloor pipe to polystyrene easy with this tacker gun.	\$575.32
	UFCLIPS40	Underfloor Clips 40mm Plastic underfloor clips for installation of underfloor pipes on polystyrene. Only suitable for Winkler tacker gun.	\$0.21
	UFCLIPS	Underfloor Clips 50mm Plastic underfloor clips for installation of underfloor pipes on polystyrene. Only suitable for Winkler tacker gun.	\$0.31
	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.	\$24.86
	UFCT16	Underfloor Clamp Track for 16mm Pipe 1m lengths.	\$10.08
	UFPP16	Underfloor Pipe Positioning Panel for 16mm Pipe Plastic panel for position of 16mm underfloor pipes. Adhesive backed. 20mm polystyrene insulation.	Indent only
	TIEWIREG	Max Tie Wire Gun Includes 2 x 14.4V 4.0Ah Li-ion batteries, rapid charger and a case.	\$2,891.20 Subject to availability

	Code	Description	List \$
	TIEWIRE	Max Tie Wire 95m per roll For Max tying guns that are used for rebar or tying underfloor pipe to mesh.	\$15.22
	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.	\$678.81
	UFMWC	Malco Underfloor Wire Clips Box of 500 Clips for Malco underfloor wire clipping hand tool.	\$145.23
	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.	\$336.19
	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.	\$288.53
	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.	\$44.41
	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.	\$2,433.24
	UFJR	FAR Joint Repair Connector Chrome plated 3/4" eurocone. Fantastic sliding sleeve makes repairs a breeze.	\$43.81
	EMEUCOSPLIT	3/4" Eurocone Splitter For equal length short loops.	\$45.85

NEW

VarioComp Underfloor

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



VarioComp	Per SQM
Tape	\$0.65
Plastic membrane	\$2.23
Edge insulation (10mm foam)	\$3.34
Variocomp panel	\$81.15
Pipe (100mm centres)	\$29.58
Supply screed (Variocomp)	\$23.32
	\$140.27+GST

Excludes pipe connectors, manifolds, feed pipes, controls, and installation.













	Code	Description	List \$
	VT116-100	VarioComp Pipe 11.6 100m coil	\$295.75
	VT116-300	VarioComp Pipe 11.6 300m coil	\$887.27
	VT116-500	VarioComp Pipe 11.6 500m coil	\$1,478.76
	VTPANEL	VarioComp Panel 1000 x 600mm	\$48.69
	VTBLANKPAN	VarioComp Blank Panel 1000 x 600 x 18mm	\$29.23
	VTFILL	VarioComp Filling Compound 25kg bag 6kg per m ² (4m ² per bag).	\$93.28
	VTEIS	VarioComp Edge Insulation Strip 75mm 25m per roll.	\$83.61
	VTAT	VarioComp Edge Insulation Strip 75mm 25m per roll.	\$21.31

Variotherm Manifold

- Very high quality thermoplastic
- Flexible configuration
- Modular design
- Pre-insulated construction
- Ideal for heating and cooling

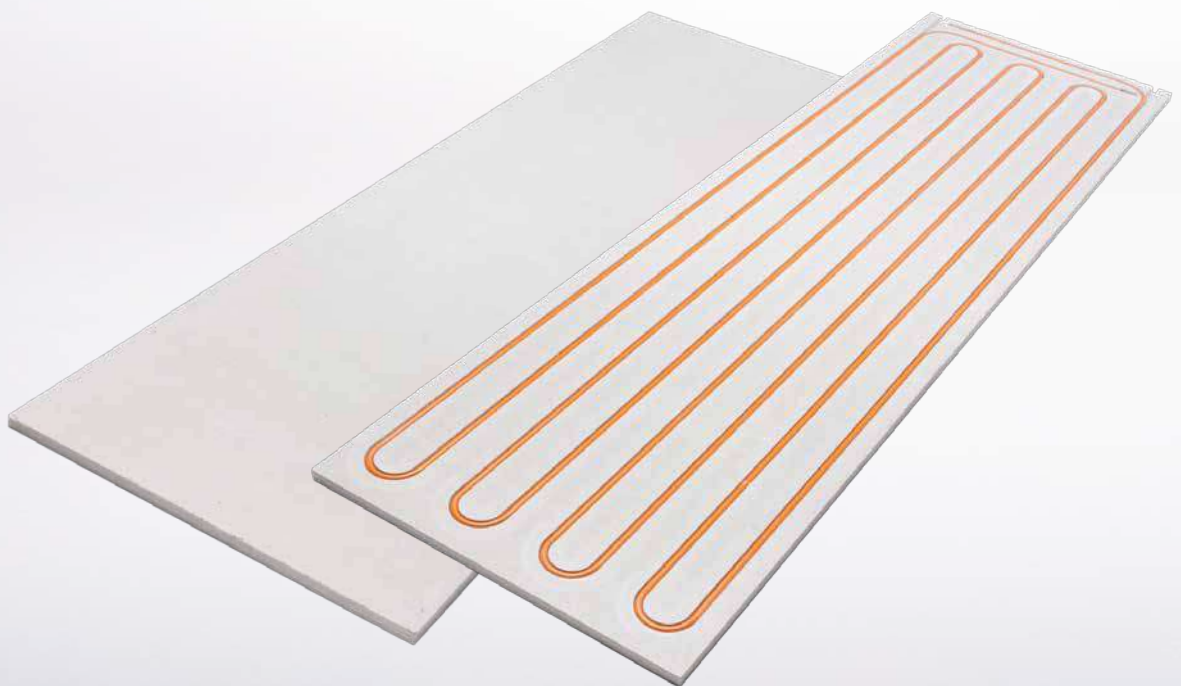
VARIOTHERM



	Code	Description	List \$
	VTMEMBRANE	VarioComp Polythene Membrane 1030mm x 50m (50m ² per roll).	\$111.51
	VTCLTRACK	VarioComp Clamp Track 1m length	\$8.47
	VTREAM	VarioComp Reamer	\$111.29
	VTSCRAPE	VarioComp Scraper 600mm	\$61.39
	VTFORM77	VarioComp Form 77mm spacing	\$22.15
	VTFORM115	VarioComp Form 115mm spacing	\$22.15
	VTBUCKET	VarioComp Bucket 30L	\$27.72
	VT116116J	VarioComp Press-fit Joiner 11.6 x 11.6 (TH Profile)	\$17.31
	VT16116J	VarioComp Press-fit Joiner 16 x 11.6 (TH Profile)	\$17.31
	VT116116E	VarioComp Press-fit 90° Elbow 11.6 x 11.6 (TH Profile)	\$20.57
	VT34116CON	VarioComp Connector 3/4" Euro x 11.6	\$13.53
	VTPDP	VarioComp Pipe Decoiler Convenient work height with better security of pipe coil.	\$952.88
	VTPIPELOC	Variotherm Pipe Locator The pipe locator with LED indicator light and beeper locates aluminium multilayer compound pipes in the wall.	\$260.79
	KLCRTOOLTH116	Klauke Mini 11.6mm Jaw (TH Profile)	\$370.62
	KLCRTOOLTH16	Klauke Mini 16mm Jaw (TH Profile)	\$370.62

Module Wall and Ceiling Panels

- Heating, cooling and finished panels in one! Provides superior heating and cooling to the body
- Ideal for timber-framed buildings, pre-fabricated houses, attics and renovation
- Heating system: large-surface, extremely energy-saving low temperature system
- Cooling system: silent, no draughts, energy-efficient
- Gypsum and recycled newspaper (Fermacell) fibreboards and components which have been tested for their healthy building properties
- Ideal for spot cooling above beds or entertainment areas



VarioComp Module Wall and Ceiling Panels








VarioComp Wall and Ceiling Classic Panel	
Adhesive	\$9.96
Screws	\$1.49
VarioComp Classic Panel (1000x600)	\$203.68
Approx Product Price per 1m²	\$215.13+GST

Excludes pipe connectors, manifolds, feed pipes, controls, and installation.

	Code	Description	Dim (H x W x D)	List \$
A rectangular panel with a grid of parallel heating wires.	VTMPC1000600	Variotherm Fixed height Module-Panel-Classic	1000 x 600 x 18	\$122.21
A narrow rectangular panel with a grid of parallel heating wires.	VTMPC2000312	Variotherm Fixed height Module-Panel-Classic	2000 x 312 x 18	\$123.45
A rectangular panel with a grid of parallel heating wires.	VTMPC2000600	Variotherm Fixed height Module-Panel-Classic	2000 x 600 x 18	\$236.43
A plain rectangular panel without heating wires.	VTMPB1000600	Variotherm Fixed height Module-Panel-Blank	1000 x 600 x 18	\$26.16
A plain rectangular panel without heating wires.	VTMPB2000600	Variotherm Fixed height Module-Panel-Blank	2000 x 600 x 18	\$52.64
A rectangular panel with a grid of parallel heating wires that vary in height.	VTMPCV1000600	Variotherm Variable height Module-Panel-Classic	1000 x 600 x 18	\$112.96
A rectangular panel with a grid of parallel heating wires that vary in height.	VTMPCV2000600	Variotherm Variable height Module-Panel-Classic	2000 x 600 x 18	\$226.69

UNDERFLOOR HEATING

VarioComp Module Wall and Ceiling Accessories

	Code	Description	List \$
	VTJOINT	Variotherm Wall and Ceiling panel Joint Adhesive	\$69.71
	VTDJOINT	Variotherm Wall and Ceiling panel Duo Joint Adhesive	\$127.51
	VTDJOINTT	Variotherm Wall and Ceiling panel Duo Joint Adhesive Tip	\$8.61
 	VTDCAULK	Variotherm Wall and Ceiling panel DuoCaulking Gun Battery powered tool available for hire.	\$287.88
	VTDWS250	Variotherm Wall/Ceiling panel galv dry wall screw pack of 250	\$23.27
	VT16116JE	VarioComp Press-fit 90 Elbow 16 x 11.6	\$27.44



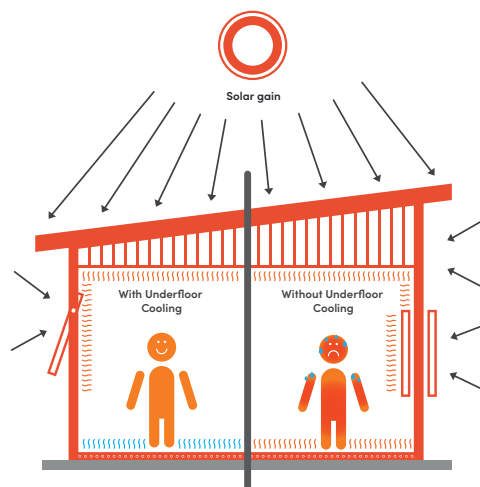
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Hydronic Cooling

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.

We have now supplied radiant cooling solutions to homes throughout NZ 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. Some products often used in hydronic cooling systems are listed in the following pages.

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.



CHOFU



Chofu Heat Pump

Made in Japan, tried and tested in New Zealand for the past eight years. Whilst an emerging brand here, Chofu is #2 in Japan and supplies OEM to many large Japanese and European heat pump companies.

Phenomenal reliability, whisper quiet, and amazing cold weather performance.

They feature a single phase inverter compressor with an integral room controller for heating times and temperatures, including DHW production. Max flow temperature of 60°C, min outside air temperature -20°C.

- 5-year warranty
- Very low noise
- Mono block, expansion vessel and pressure gauge included in unit (HPTF10 and HPTF16)
- Indoor room unit and/or thermostat included
- Integration for hybrid systems
- COP 4.2 – 6kW; 4.4 – 10kW; COP 4.3 – 16kW @ 40/35/7°C
- Sound pressure 49 dB(A) 6kW; 50 dB(A) 10kW; 51 dB(A) 16kW

Code	Description	Nom. Output	Dim (H x W x D)	List \$
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	\$6,734.86
HPTF10	Chofu Air-Water 10kW Heat Pump (Heating and Cooling)	10kW	882 x 850 x 330	\$10,481.57
HPTF16	Chofu Air-Water 16kW Heat Pump (Heating and Cooling)	16kW	1418 x 1000 x 330	\$13,094.27



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 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	List \$
CHSMART1	CHNZ Smart One Digital Programmable Thermostat	\$818.10



Mini HC Buffer Tanks

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

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



NEW

NEW

Code	Description	Height	Diameter	List \$
TS45MHC	Thermal Store 45L Mini HC	700mm	370mm	\$1,047.45
TS85MHC	Thermal Store 85L Mini HC	780mm	460mm	\$1,223.19

Cooling Accessories



Code	Description	List \$
UFFSW18	FAR Flow Switch 1– 8” For use with heat pumps for protection particularly in cooling mode.	\$456.35

See [page 93](#) for more inslab underfloor products.

Smart One 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 Smart One Thermostat has to offer at: centralheating.co.nz/blog/smart-heating-and-cooling-comfort



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



Hydronic Fan Coils

A refrigerant chiller outdoor unit (reversible heat pump) cools the water for the system. The water is pumped to fan coil radiators situated around the house or building. The fan coil radiators use a built-in electric fan to pass warmer room air over the water coil that has chilled water flowing through it. This cools the air and releases it into the room reducing the air temperature.

A more traditional air conditioner has the same principle of transferring cool air to a room but instead of water in the pipes a special refrigerant is used.

Environmental Fact: Large volumes of refrigerant in standard air conditioning systems pose a risk to depleting the earth's ozone layer, therefore water based cooling systems are more sustainable and environmentally friendly making them increasingly more popular.



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	List \$
		70/60/20	50/45/20	7/12/27	
FCOSLP400	Olimpia Fan Coil 400 Bi2 SL + Inverter 597 x 897 x 129 (H x W x D)	3880W	2310W	1740W	\$1,770.75
FCOSLP800	Olimpia Fan Coil 800 Bi2 SL + Inverter 597 x 1297 x 129 (H x W x D)	6880W	4100W	3290W	\$2,135.27

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

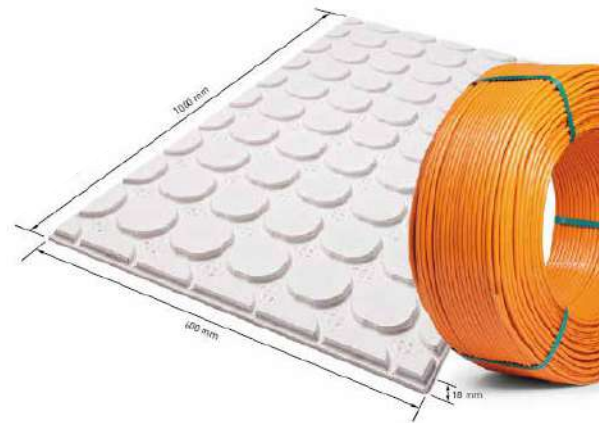
Variotherm

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 the 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 and an even, comfortable room temperature is created making you feel comfortable all 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



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

- 1m² Vario Membrane
- 1m² VarioComp panel
- 10m VarioProFile pipe 11.6 x 1.5
- 1.5kg VarioComp filling compound
- Approx Product Price per 1m² List \$140.27+gst
- Labour hours to install 1m² – 0.75 hrs (experienced installer)
- Excludes pipe connectors, manifolds, feed pipes, and controls

For design and install guides or specialist designed layout please contact us on **0800 357 1233**.

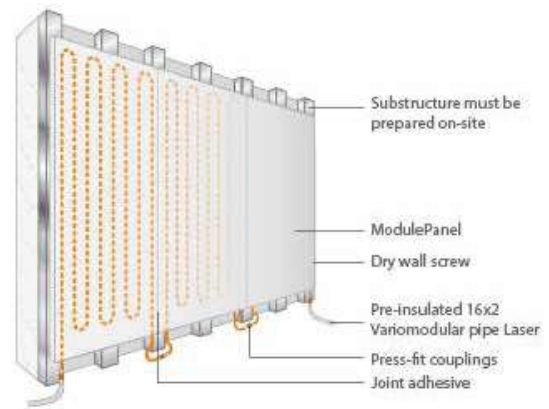
ModuleWall



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



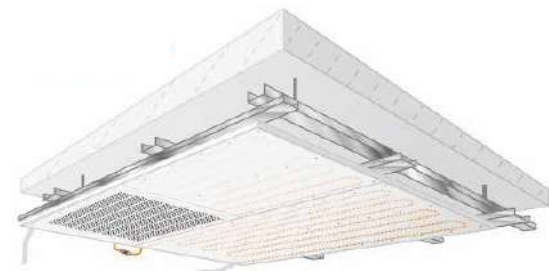
Module Standard Panel – Classic

- 1m² Variotherm Module Panel - Classic
- Includes proportionate press-fit couplings
- Includes proportionate joint adhesive
- Includes proportionate dry wall screws
- Approx Product Price per 1m² List \$215.13+ gst
- Labour hours to install 1m² – 1.0 hr
- Excludes pipe connectors, manifolds, feed pipes, and controls

ModuleCeiling



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.



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
- Approx Product Price per 1m² List \$215.13+gst
- 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
- Approx Product Price per 1m² – List \$370.40+gst
- Labour hours to install 1m² – 1.0 hr
- Excludes pipe connectors, manifolds, feed pipes, and controls

Variotherm Manifolds



VARIO THERM

Variotherm Underfloor Manifold

The heating and cooling manifold from Variotherm regulates the flow volume and distributes the water evenly in the surface heating and surface cooling systems for floors, walls and ceilings. This means that rooms are comfortably warm and pleasantly cool.

- Very high quality thermoplastic
- Flexible configuration
- Modular design
- Pre-insulated construction
- Ideal for cooling

NEW PRICE
NEW PRICE
NEW PRICE
NEW PRICE
NEW PRICE
NEW PRICE

Code	Description	Length	List \$
UFM04WV	Variotherm Underfloor 4 Way Manifold – Pre-assembled	345mm	\$881.09
UFM06WV	Variotherm Underfloor 6 Way Manifold – Pre-assembled	445mm	\$1,079.96
UFM08WV*	Variotherm Underfloor 8 Way Manifold – Pre-assembled	545mm	\$1,262.80
UFM10WV*	Variotherm Underfloor 10 Way Manifold – Pre-assembled	645mm	\$1,439.80
UFM12WV*	Variotherm Underfloor 12 Way Manifold – Pre-assembled	745mm	\$1,616.54
UFM14WV*	Variotherm Underfloor 14 Way Manifold – Pre-assembled	845mm	\$1,793.55

*Allow 1 week for delivery

Rinnai High Wall Heat Pumps



Rinnai

Rinnai High Wall Heat Pumps

For simple stand alone cooling of a single space, the new Q series from Rinnai is the latest generation of High Wall heat pump air conditioner that fits our increasingly wireless lifestyle. Using the latest R32 eco friendly refrigerant the Q series achieves greater energy efficiency ratings. Indoor High Wall unit and separate outdoor unit connected via refrigerant pipes.

- Super quiet operation
- Efficient cooling and heating
- iOS and Android Wi-Fi App 7 day program
- Sleek design
- 6-year parts and labour warranty
- Good compliment to radiator or underfloor heating

SPECIALIST PRODUCTS

Code	Description	Output	List \$
HPRI2.5	Rinnai Q Series A2A R32 – heat WiFi	2.5kW	\$1,716.78

Code	Description	Output	List \$
HPRI3.5	Rinnai Q Series A2A R32 – heat WiFi	3.5kW	\$1,945.67
HPRI5.2	Rinnai Q Series A2A R32 – heat WiFi	5.2kW	\$2,289.04
HPRI7.0	Rinnai Q Series A2A R32 – heat WiFi	7.0kW	\$3,204.65
HPRI8.4	Rinnai Q Series A2A R32 – heat WiFi	8.4kW	\$3,548.03

See page 6 for more information about specialist products.

Rinnai Ducted Heat Pumps



Rinnai

Rinnai Ducted Heat Pumps

For simple multiroom cooling the Rinnai Ducted system enables hidden installation for full cooling, heating and dehumidifying solution. The indoor unit is located in the ceiling space and ducting from this to outlets in multiple rooms enables the flow and return of conditioned air. The Outdoor and indoor units connected via refrigerant pipes. Wi-Fi enabled app for iOS and Android control. We can assist with design and supply of ducting and accessories.

- Controlled temperature of multiple spaces
- Ideal for upstairs bedrooms
- Compliment underfloor heating comfort
- Wi-Fi app control

Code	Description	Output	List \$
HPRID8.2	Rinnai Ducted Heat Pump – WiFi	8.2kW	\$4,578.08
HPRID10.6	Rinnai Ducted Heat Pump – WiFi	10.6kW	\$5,493.70
HPRID14.4	Rinnai Ducted Heat Pump – WiFi	14.4kW	\$6,867.12
HPRID17.3	Rinnai Ducted Heat Pump – WiFi	17.3kW	\$7,553.82

See page 6 for more information about specialist products.

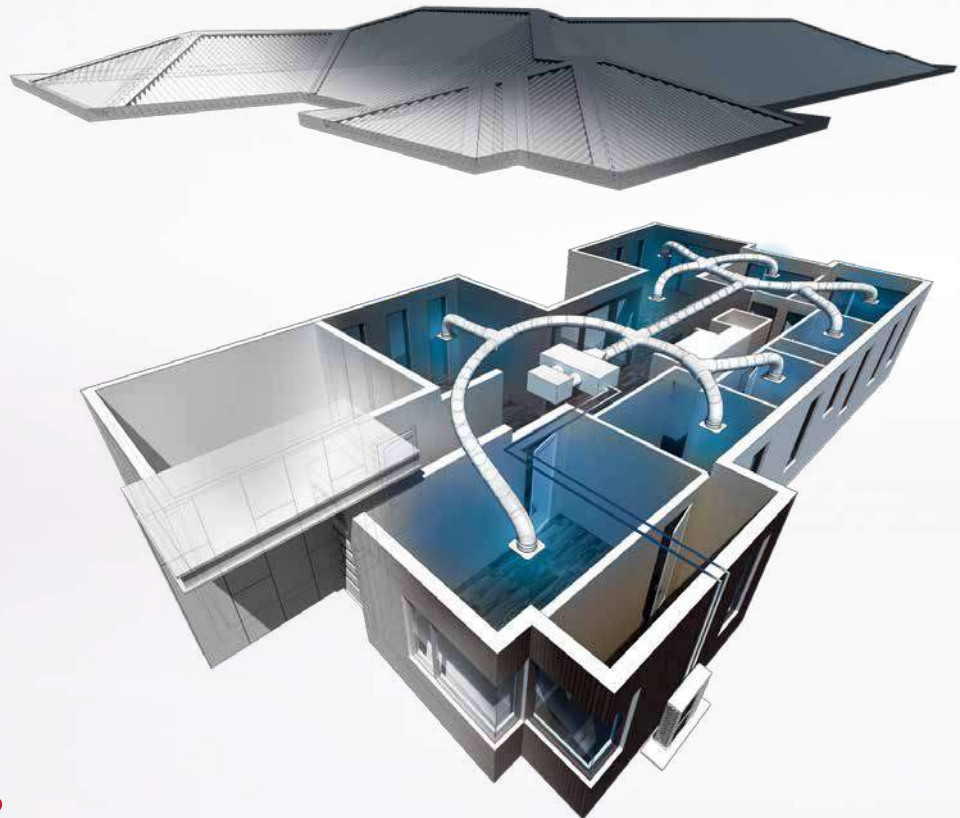


COOLING OPTIONS



Ducted Cooling

For simple multi-room cooling the Rinnai Ducted system enables hidden installation for full cooling, heating and dehumidifying solution. The indoor unit is located in the ceiling space and ducting from this to outlets in multiple rooms enables the flow and return of conditioned air. The outdoor and indoor units connected via refrigerant pipes. Wi-Fi enabled app for iOS and Android control is available. We can assist with design and supply of ducting and accessories.



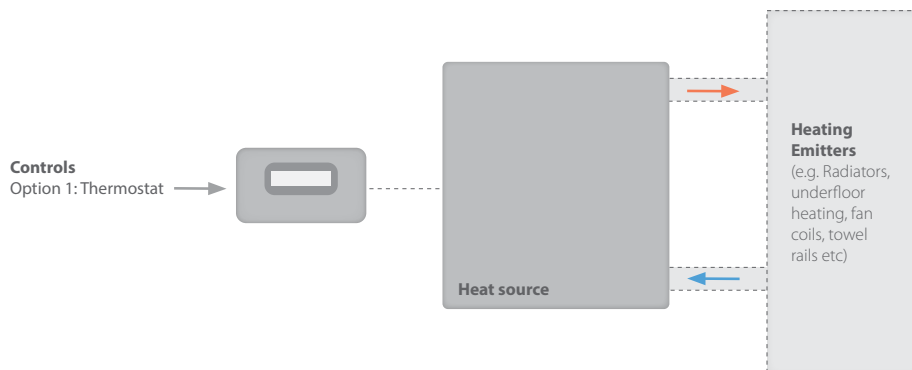
Rinnai[®]



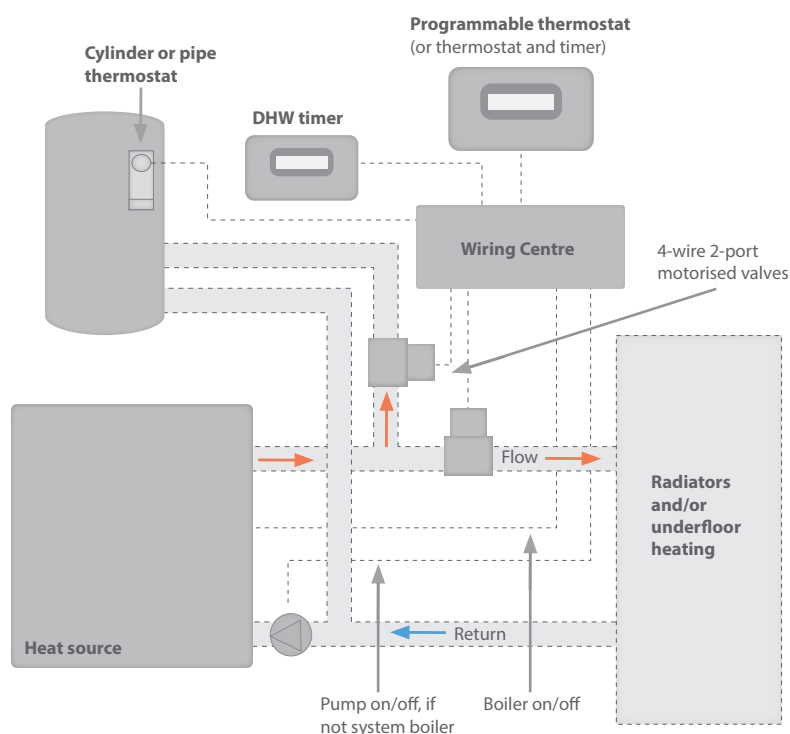
Controls

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Single Zone Heating



'S Plan': Two Heating Zones or Heating and DHW



S-plan wiring gives individual control of separate heating and hot water zones. Using this layout it is possible to have 2 heating zones +1 DHW or 3 heating zones using an 'S plan plus' wiring diagram.

Schematics intended as guide only.

Programmable Thermostats



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 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	List \$
CHSMART1	CHNZ Smart One Digital Programmable Thermostat	\$818.10



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	List \$
NEST3S	Nest 3rd Generation LearningThermostat Silver	\$785.16



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	List \$
NESTS	Nest Learning Thermostat Stand	\$123.14



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	List \$
CHWT4	Honeywell T4 Wired Programmable Thermostat	\$419.24



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	List \$
CHPRTB	Programmable Thermostat Battery Powered	\$212.77



Digital Programmable Thermostat 230V

User friendly slim programmable digital thermostat.

- Thermostat or programmable thermostat
- 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)
- With probe

Code	Description	List \$
CHWDT	Digital Programmable Thermostat 230V	\$197.64



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	List \$
CHWAT	Analogue Thermostat 230V	\$129.44

Thermostats



Honeywell Frost Protection Thermostat

Automatic frost protection for boilers, pipe work and fabric of the building.

Honeywell

- Requires Euro flush box (CHFLBOX)

Code	Description	List \$
HONFROSTAT	Honeywell Frost Protection Thermostat	\$141.22



Love Pool Thermostat

The Love Pool Thermostat, featuring an easy to read display, is a simple to use pool control thermostat used to call the heat source.

Code	Description	List \$
LOVSTA	Love Pool Thermostat	\$554.37
LOVSTAP	PVC Probe for Love Pool Thermostat For connecting the Love Pool controller probe into the pool filtration PVC pipework.	\$65.38



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	List \$
STATPIPE20-90	Pipe Thermostat 20-90° Strap On	\$57.45



Immersion Thermostat 10-95°

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 10–95°C
- 5mm diameter sensor

Code	Description	List \$
HONAS	Immersion Thermostat 10–95° with Pocket – 15mm BSP	\$155.34



Thermostat Pocket

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

- Temperature range of 10–95°C
- 5mm diameter sensor

Code	Description	List \$
HONASPSS	Immersion Thermostat Pocket Stainless	\$137.00

Timeclocks



4 Channel Time Clock 230V

- 4 zone time clock
- Each zone has Weekday/Weekend or 7 day programming options
- Holiday mode
- One button press zone time extension mode (Boost)
- Requires Euro flush box (CHFLBOX)

Code	Description	List \$
HM4CHP	4 Channel Time Clock 230V	\$319.75

Controls Accessories



Euro Flush Box

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

Code	Description	List \$
CHFLBOX	Euro Flush Box	\$7.32
CHFLBOX10	Euro Flush Box pack of 10	\$51.33



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	List \$
CHPFLBOX	Plastic Euro Flush Box 1 Gang 35mm	\$7.52



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.

Honeywell

Code	Description	List \$
HONWIR10	Honeywell 10-way Junction Box	\$35.01



Floor Probe Only

Suitable for Honeywell, Watts and Heatmiser controllers.

Code	Description	List \$
WATFP	Watts Thermostat Floor Probe	\$19.96

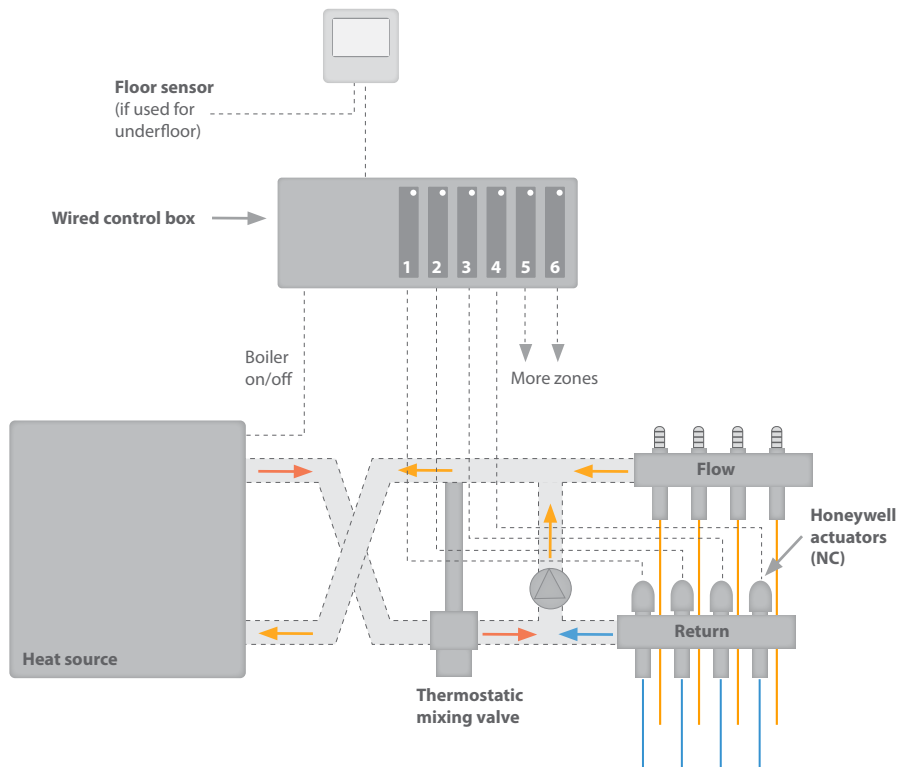


Flow Switch

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

Code	Description	List \$
UFFSW18	FAR Flow Switch 1-8"	\$456.35

Multi Zone Heating With a Controller or App



Schematic intended as guide only.

SmartOne Thermostat

Central Heating New Zealand has specifically designed the new intuitive Smart One Controller for New Zealand radiant heating and cooling systems. The easy to use touch screen interface works much like your smart phone so you can set your desired comfort temperature to suit your lifestyle at a swipe of a finger.

- Stylish design
- Optimised for radiant heating and cooling systems
- Self-learning and geo-location features save energy
- Easy and quick installation
- Easy to use touch screen interface



Heatmiser Neo Range



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	List \$
CHWDTN	Neo Digital Programmable Thermostat 230V – White	\$254.00
CHWDTNB	Neo Digital Programmable Thermostat 230V – Black	\$254.00



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	List \$
CHWDTNH	Neo Digital Programmable Thermostat Hub	\$596.69

Underfloor Controls Wired



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
- A time programmer control box (WATWDCT), 1 Channel Programmer (CHTM1) can also be connected to set heating schedules

Code	Description	List \$
WATWCB	Watts Wired Control Box 6 Zone	\$187.04
WATHWCBS	Watts Wired Control Box Extension 6 Zone	\$216.96



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	List \$
UFMACTF	FAR Manifold Actuator NC 230v	\$94.91
UFMACT24	FAR Manifold Actuator NC 24v	\$94.91



Fal 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	List \$
UFMAS	Fal Actuator with switch NC	\$132.67

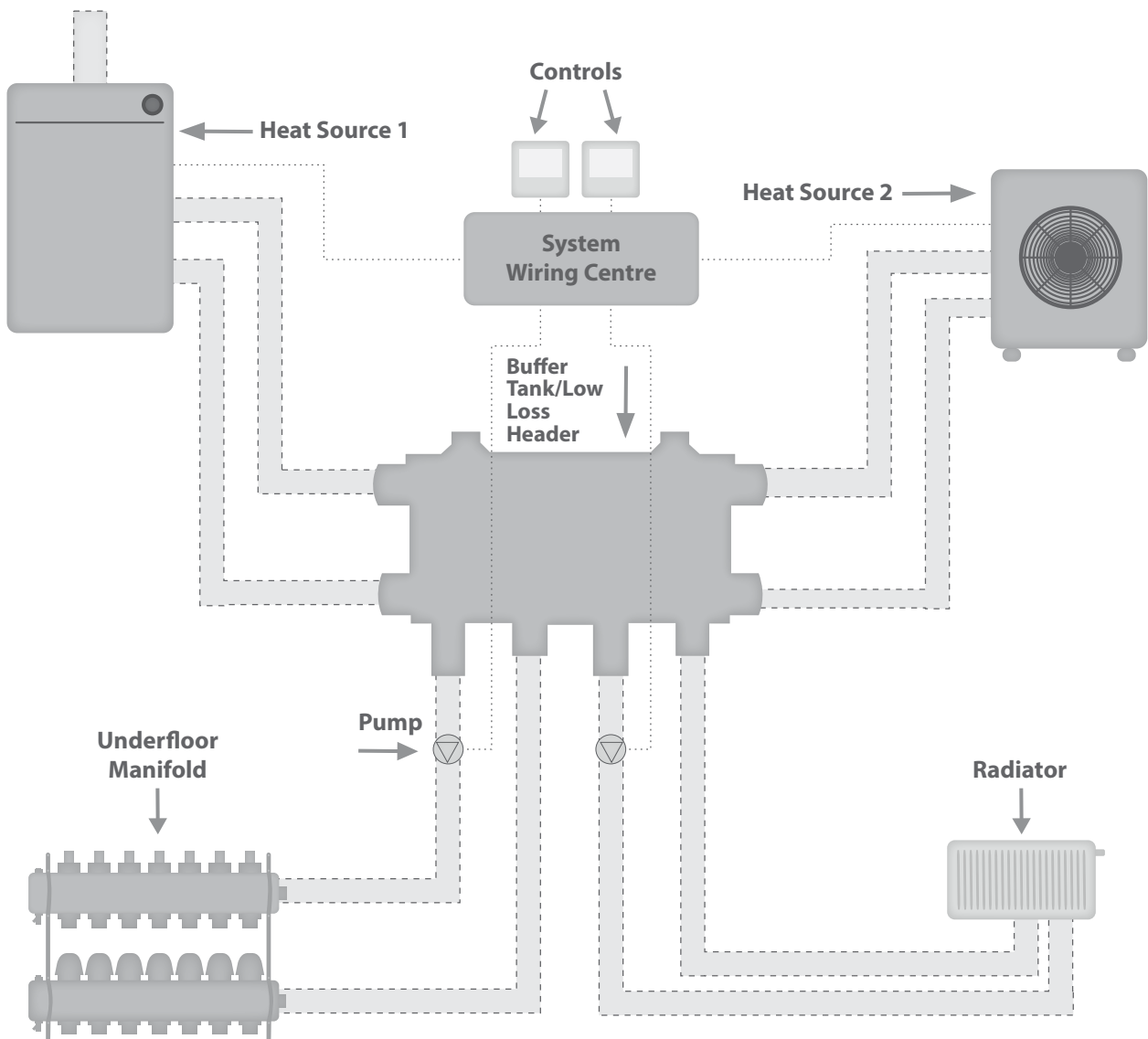
Hybrid Systems

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.

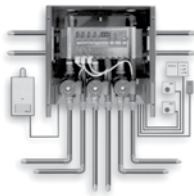


Training Academy

Keep up to date with the latest product information and installation methods by enrolling in our training academy. We run courses covering heat loss calculation, system design, individual product applications, and more. Our workshops are tailored to suit plumbers, installers, and specifiers.

Register at trade.centralheating.co.nz/training

System Link



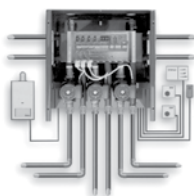
System Link Wiring Centres

This wiring centre for Systemzone manifold pumps and programmers makes wiring a zoned system a doddle when compared with typical zone valve wiring.

- Independent time and temperature control for each zone.



Code	Description	List \$
SYSLX	Systemlex Wiring Centre Up to four zones and two heat sources. Any 230V applied to one of four auxiliary inputs will switch a double pole relay.	\$537.18



System Link Zoning Manifolds

A compact zoning manifold that eliminates traditional zone valves, acts as a low loss header and simplifies cascading of heat sources.

- Just add pumps, thermostats, timers or programmable stats as required
- 25mm BSP ports – 40kW per port



Code	Description	Dimensions	List \$
SYSZ4	Systemzone 4 Up to three zones and one heat source or two heat sources and two zones.	360 x 210mm	\$1,028.84
SYSZ5	Systemzone 5 Up to four zones and one heat source or two heat sources and three zones.	510 x 210mm	\$1,420.34
SYSZ6	Systemzone 6 Up to five zones and one heat source or two heat sources and four zones.	660 x 210mm	\$1,382.78



Heat Exchange/ Transfer

Plate heat exchangers in stainless steel. Ideal for boiler replacements to keep the low pressure delivery system separate from the modern pressurized heat generation size.

Also for pools, process heating or potable water heating. Specification service provided.





Hot Water Production & Storage

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Hot Water Cylinder Accessories	135
Buffer Thermal Store Tanks	137
Buffer Tank Accessories	137

Megaflo Domestic Hot Water Cylinders

- High-grade duplex stainless steel
- Delivers up to 76 litres per minute of hot water at 3 bar pressure
- Front-facing connection layout
- Installer friendly
- 60mm insulation to minimise heat loss
- High-performance 'coil-in-coil' heat exchanger
- Includes TPR Kit
- includes electric Element 3KW 1P
- Very high quality and performance
- Industry leading 10-year warranty



BAXI

Domestic Hot Water Cylinders



BAXI

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	List \$
BXHWKIT200	Baxi HWC 200L Indirect Single Coil Kit	200L	1474mm*	552mm	\$2,611.75
BXHWKIT300	Baxi HWC 300L Indirect Single Coil Kit	300L	2040mm*	552mm	\$3,331.06

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



BAXI


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	List \$
BXHWC300TWC	Baxi HWC 300L Indirect Twin Coil	300L	2040mm	552mm	\$4,288.10

NEW

	Code	Description	List \$
	BXHWCEE	Baxi HWC Electric Element 3kW 1P This element is for use with Baxi domestic cylinders. The 90°C element heats all the way to the bottom of the tank.	\$121.10

Retrofitted earthquake home

In 2011, Christchurch was changed after a devastating 6.3 earthquake - land, homes, buildings, roads, and communities were damaged in particular suburbs such as New Brighton and Sumner.

Central Heating New Zealand supplied and installed a customised dual heating system to meet the homeowner's requirements for their renovated home. The main part of their "new" home has 10 smooth linear lined Korado radiators and x2 Agata heated towel rails which are heated efficiently by our reliable 16kW Chofu Air-to-Water Heat pump. In the second, smaller (60sqm) living space which was once a garage, the floor got raised by 100mm, PE-RT pipe was attached to the structural mesh and then covered with concrete to form the slab. This in-slab underfloor heating in the repurposed extension is heated by a 6kW Chofu Air-to-Water heat pump. Our 6kW heat pumps are commonly used for heating smaller granny flats and were therefore ideally suited for this extension.

Commercial Hot Water Cylinders



BAXI





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	List \$
BXHWC500	Baxi HWC 500L Indirect Single Coil 8bar	500L	1,820mm	924mm	\$7,182.12
BXHWC800	Baxi HWC 800L Indirect Single Coil 10bar	800L	1,923mm	1010mm	\$11,834.56
BXHWC1000	Baxi HWC 1,000L Indirect Single Coil 10bar	1,000L	2,318mm	1010mm	\$13,426.38

Hot Water Cylinder Accessories

	Code	Description	List \$
	BXHWCEE9	Baxi HWC Electric Element 9kW 1P (for BXHWC800/BXHWC1000) Commercial grade single phase electric element.	\$1,688.94
	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.	\$217.97
	BXHWCEE93PC	Baxi 9kW Element Busbar Kit To convert 9kW element from single to 3 phase. For commercial Baxi cylinders.	\$145.50
	BXCSHT	Baxi HWC Sensor For use with heat pumps or gas boilers to control external domestic hot water cylinders.	\$29.40

Zen Indoor/Outdoor Combi Boiler

The Zen combination boiler is both a highly efficient water heater and heating boiler in a single compact appliance. The water heating part of the system heats water directly from the mains meaning that you don't have to store water. This makes the Zen combination boiler a cost-effective option.

- Indoor/Outdoor boiler
- Combi flow-rate 13.5lpm @ 25°C rise (BRZEN24)
- Combi flow-rate 19.6lpm @ 25°C rise (BRZEN34)
- Built-in WiFi app
- Built-in energy monitor
- Stainless steel heat exchanger
- Onboard condensate neutralizer



Rinnai

Buffer Thermal Store Tanks

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

Code	Description	Height	Diameter	List \$
TS45MHC	Thermal Store 45L Mini HC	700mm	370mm	\$1,047.45
TS85MHC	Thermal Store 85L Mini HC	780mm	460mm	\$1,223.19



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	List \$
TS200VKGHC	Fiorini VKG-HC Thermal Store 200L 90° Ports	1,335mm	510mm	\$1,755.90
TS500HC	Fiorini HC Thermal Store 500L 180° Ports	1,735mm	750mm	\$2,372.40
TS1000VKGHC	Fiorini VKG HC Thermal Store 1,000L Dual (90 and 180°) Ports. For heating and cooling.	2,075mm	1050mm	\$4,330.68

Custom tanks available on request.

Buffer Tank Accessories

	Code	Description	List \$
	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.	\$46.14

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 162kW
- 60 minutes heat recovery
- 100mm foam insulation
- Duplex stainless steel
- 10 year warranty

BAXI





Multitubo Pipe System

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Inverse PE-RT Pipe



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.

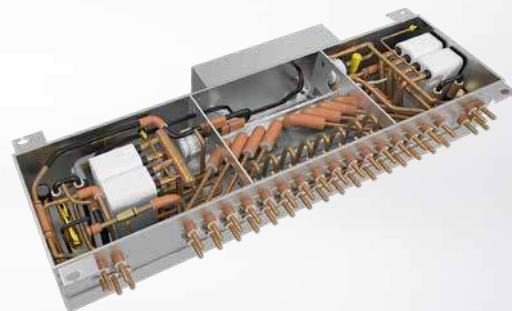
Code	Description	Dimensions	List \$
MT16PERT-300	MT 16 PE-RT UF Pipe 300m Coil	16 x 2mm	\$749.34
MT16PERT-500	MT 16 PE-RT UF Pipe 500m Coil	16 x 2mm	\$1,248.90

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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Composite Pipe



Composite Pipe coils



- 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

Code	Description	Dimensions	List \$
MT16-100	MT 16 Composite Pipe 100m Coil	16 x 2mm	\$330.29
MT16-200	MT 16 Composite Pipe 200m Coil	16 x 2mm	\$575.71
MT16-500	MT 16 Composite Pipe 500m Coil	16 x 2mm	\$1,439.24
MT20-100	MT 20 Composite Pipe 100m Coil	20 x 2.25mm	\$449.22
MT25-50	MT 25 Composite Pipe 50m Coil	25 x 2.5mm	\$368.65
MT32-50	MT 32 Composite Pipe 50m Coil	32 x 3mm	\$539.92
MT40-50	MT 40 Composite Pipe 50m Coil	40 x 4mm	\$973.33

NEW PRICE

NEW PRICE

NEW

MULTITUBO PIPE SYSTEM



Insulated composite Pipe coils



Code	Description	Dimensions	List \$
MT16IN4-100	MT 16 Composite 4mm Preinsulated Pipe 100m Coil	16 x 2mm	\$587.95
MT16IN13-50	MT 16 Composite 13mm Preinsulated Pipe 50m Coil	16 x 2mm	\$383.16
MT20IN13-50	MT 20 Composite 13mm Preinsulated Pipe 50m Coil	20 x 2.25mm	\$489.12
MT25IN13-50	MT 25 Composite 13mm Preinsulated Pipe 50m Coil	25 x 2.5mm	\$740.02
MT32IN13-50	MT 32 Composite 13mm Preinsulated Pipe 50m Coil	32 x 3mm	\$990.92
MT40IN26-25	MT 40 Composite 26mm Preinsulated Pipe 25m Coil	40 x 4mm	\$944.10



Composite Pipe Lengths



Code	Description	Dimensions	List \$
MT16-5T	MT 16 Composite Pipe 5m Straight length (Pack of 25)	16 x 2mm	\$863.59
MT20-5T	MT 20 Composite Pipe 5m Straight length (Pack of 17)	20 x 2.25mm	\$795.42
MT25-5T	MT 25 Composite Pipe 5m Straight length (Pack of 10)	25 x 2.5mm	\$714.82
MT32-5T	MT 32mm Composite 5m Straight Pipe (Pack of 7)	32 x 3mm	\$714.82
MT40-5	MT 40mm Composite Pipe 5m Length	40 x 4mm	\$140.57
MT50-5	MT 50mm Composite Pipe 5m Length	50 x 4.5mm	\$193.28
MT63-5	MT 63mm Composite Pipe 5m Length	63 x 6mm	\$386.52

Composite Press Fittings

Nickel-plated brass fitting with stainless steel press rings.

FT Connector (Female Thread)



Code	Description	Per Bag	Bag List \$	Unit List \$
MT1612FT	MT 16 X 1/2" FT	10	\$83.10	\$8.31
MT1634FT	MT 16 X 3/4" FT	10	\$100.80	\$10.08
MT2012FT	MT 20 X 1/2" FT	10	\$105.20	\$10.52
MT2034FT	MT 20 X 3/4" FT	10	\$124.60	\$12.46
MT201FT	MT 20 X 1" FT	10	\$207.10	\$20.71
MT251FT	MT 25 X 1" FT	10	\$186.50	\$18.65
MT2534FT	MT 25 X 3/4" FT	10	\$169.10	\$16.91
MT321FT	MT 32 X 1" FT	10	\$234.80	\$23.48
MT32114FT	MT 32 X 1 1/4" FT	10	\$413.20	\$41.32

FT Swivel Connector



Code	Description	Per Bag	Bag List \$	Unit List \$
MT1612FTSV	MT 16 X 1/2" FT Swivel	10	\$120.80	\$12.08
MT2012FTSV	MT 20 X 1/2" FT Swivel	10	\$211.40	\$21.14
MT2034FTSV	MT 20 X 3/4" FT Swivel	10	\$231.00	\$23.10
MT2534FTSV	MT 25 X 3/4" FT Swivel	10	\$239.10	\$23.91
MT251FTSV	MT 25 X 1" FT Swivel	10	\$276.30	\$27.63
MT321FTSV	MT 32 X 1" FT Swivel (Un-plated)	10	\$335.80	\$33.58
MT32114FTSV	MT 32 X 1 1/4" FT Swivel	8	\$298.24	\$37.28

MT Connector (Male Thread)



Code	Description	Per Bag	Bag List \$	Unit List \$
MT1612MT	MT 16 X 1/2" MT	10	\$77.50	\$7.75
MT1634MT	MT 16 X 3/4" MT	10	\$133.30	\$13.33
MT2012MT	MT 20 X 1/2" MT	10	\$101.40	\$10.14
MT2034MT	MT 20 X 3/4" MT	10	\$117.10	\$11.71
MT201MT	MT 20 X 1" MT	10	\$207.10	\$20.71
MT251MT	MT 25 X 1" MT	10	\$193.30	\$19.33
MT2534MT	MT 25 X 3/4" MT	10	\$158.50	\$15.85
MT321MT	MT 32 X 1" MT	10	\$241.30	\$24.13
MT32114MT	MT 32 X 1 1/4" MT	10	\$317.70	\$31.77

MT Elbow (Male Thread)



Code	Description	Per Bag	Bag List \$	Unit List \$
MT1612MTE	MT 16 X 1/2" MT Elbow	10	\$103.40	\$10.34
MT2034MTE	MT 20 X 3/4" MT Elbow	10	\$175.80	\$17.58
MT2534MTE	MT 25 X 3/4" MT Elbow	10	\$213.60	\$21.36
MT251MTE	MT 25 X 1" MT Elbow	10	\$263.20	\$26.32
MT321MTE	MT 32 X 1" MT Elbow	6	\$198.78	\$33.13

Mt Elbow (Female Thread)



Code	Description	Per Bag	Bag List \$	Unit List \$
MT1612FTE	MT 16 X 1/2" FT Elbow	10	\$125.50	\$12.55
MT2034FTE	MT 20 X 3/4" FT Elbow	10	\$183.20	\$18.32
MT2534FTE	MT 25 X 3/4" FT Elbow	10	\$211.40	\$21.14
MT251FTE	MT 25 X 1" FT Elbow	6	\$152.40	\$25.40
MT321FTE	MT 32 X 1" FT Elbow	6	\$215.52	\$35.92

Wingback



Code	Description	Per Bag	Bag List \$	Unit List \$
MT1612WB	MT 16 X 1/2" Wingback	10	\$148.70	\$14.87
MT2012WB	MT 20 X 1/2" Wingback	10	\$172.10	\$17.21
MT2034WB	MT 20 X 3/4" Wingback	10	\$231.00	\$23.10
MT2534WB	MT 25 X 3/4" Wingback	6	\$185.82	\$30.97

Equal Joiner



Code	Description	Per Bag	Bag List \$	Unit List \$
MT1616J*	MT 16 X 16 Joiner	10	\$92.90	\$9.29
MT2020J*	MT 20 X 20 Joiner	10	\$124.60	\$12.46
MT2525J*	MT 25 X 25 Joiner	10	\$190.10	\$19.01
MT3232J*	MT 32 X 32 Joiner	10	\$269.60	\$26.96



Reducer





Code	Description	Per Bag	Bag List \$	Unit List \$
MT2016*	MT 20 X 16 Reducer	10	\$117.10	\$11.71
MT2516*	MT 25 X 16 Reducer	10	\$158.50	\$15.85
MT2520*	MT 25 X 20 Reducer	10	\$172.10	\$17.21
MT3220	MT 32 X 20 Reducer	10	\$238.90	\$23.89
MT3225*	MT 32 X 25 Reducer	10	\$249.00	\$24.90

*Available in PPSU



Elbow

	Code	Description	Per Bag	Bag List \$	Unit List \$
 	MT1616E*	MT 16 X 16 Elbow	10	\$103.40	\$10.34
	MT2020E*	MT 20 X 20 Elbow	10	\$148.70	\$14.87
	MT2525E*	MT 25 X 25 Elbow	10	\$231.00	\$23.10
	MT3232E*	MT 32 X 32 Elbow	4	\$146.36	\$36.59

Equal Tee



	Code	Description	Per Bag	Bag List \$	Unit List \$
 	MT161616*	MT 16 X 16 X 16 Tee	10	\$141.20	\$14.12
	MT202020*	MT 20 X 20 X 20 Tee	10	\$203.70	\$20.37
	MT252525*	MT 25 X 25 X 25 Tee	4	\$121.12	\$30.28
	MT323232*	MT 32 X 32 X 32 Tee	4	\$198.92	\$49.73

Unequal Tee



	Code	Description	Per Bag	Bag List \$	Unit List \$
 	MT162016*	MT 16 X 20 X 16 Tee	10	\$200.00	\$20.00
	MT201616*	MT 20 X 16 X 16 Tee	10	\$207.50	\$20.75
	MT201620*	MT 20 X 16 X 20 Tee	10	\$203.70	\$20.37
	MT202016*	MT 20 X 20 X 16 Tee	10	\$203.70	\$20.37
	MT202520	MT 20 X 25 X 20 Tee	10	\$266.20	\$26.62
	MT251616	MT 25 X 16 X 16 Tee	10	\$243.10	\$24.31
	MT251620	MT 25 X 16 X 20 Tee	10	\$262.60	\$26.26
	MT251625*	MT 25 X 16 X 25 Tee	4	\$109.00	\$27.25
	MT252020*	MT 25 X 20 X 20 Tee	4	\$118.64	\$29.66
	MT252025*	MT 25 X 20 X 25 Tee	4	\$120.40	\$30.41
	MT252516	MT 25 X 25 X 16 Tee	4	\$111.00	\$27.75
	MT321632	MT 32 X 16 X 32 Tee	4	\$182.80	\$45.70
	MT322032*	MT 32 X 20 X 32 Tee	4	\$190.52	\$47.63
	MT322525	MT 32 X 25 X 25 Tee	4	\$193.48	\$48.37
	MT322532*	MT 32 X 25 X 32 Tee	4	\$193.48	\$48.37

*Available in PPSU

Threaded Tee

	Code	Description	Per Bag	Bag List \$	Unit List \$
 	MT1612FT16	Threaded Tee, 16 x 1/2 FT x 16	10	\$208.70	\$20.87
	MT2012FT20	Threaded Tee, 20 x 1/2 FT x 20	10	\$236.20	\$23.62
	MT2512FT25	Threaded Tee, 25 x 1/2 FT x 25	4	\$124.96	\$31.24
	MT2534FT25	Threaded Tee, 25 x 3/4 FT x 25	4	\$124.96	\$31.24
	MT3234FT32	Threaded Tee, 32 x 3/4 FT x 32	4	\$169.48	\$42.37



End Cap

	Code	Description	Per Bag	Bag List \$	Unit List \$
 	MT16EC	MT 16 End Cap	10	\$53.70	\$5.37
	MT20EC	MT 20 End Cap	10	\$75.10	\$7.51
	MT25EC	MT 25 End Cap	10	\$87.40	\$8.74
	MT32EC	MT 32 End Cap	10	\$117.10	\$11.71


FAR Joint Repair Connector

	Code	Description	Per Bag	List \$
 	UFJR	FAR Joint Repair Connector Chrome Plated 3/4" Eurocone. Fantastic sliding sleeve makes repairs a breeze.	1	\$43.81


Composite to Copper Connector

	Code	Description	Per Bag	List \$
 	CCU5042	MT Composite to Copper Connector U25 x 22CU	1	\$29.18
	CCU904042	MT Composite to Copper Connector U20 x 22CU	1	\$23.45

Chrome Riser

	Code	Description	Per Bag	List \$
 	MT16E15350	MT 16 Composite x 15mm Chrome Riser 350mm	1	\$29.55



Eurocone Splitter

	Code	Description	Per Bag	List \$
	EMEUROSPLIT	3/4" Eurocone Splitter	1	\$45.85



PPSU Press Fittings

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



Equal Joiner

	Code	Description	Per Bag	Bag List \$	Unit List \$
 	MTPP1616J	MT 16 X 16 Joiner PPSU	10	\$73.10	\$7.31
	MTPP2020J	MT 20 X 20 Joiner PPSU	10	\$95.80	\$9.58
	MTPP2525J	MT 25 X 25 Joiner PPSU	10	\$149.50	\$14.95
	MTPP3232J	MT 32 X 32 Joiner PPSU	10	\$205.10	\$20.51


Reducer

	Code	Description	Per Bag	Bag List \$	Unit List \$
 	MTPP2016	MT 20 X 16 Reducer PPSU	10	\$90.10	\$9.01
	MTPP2516	MT 25 X 16 Reducer PPSU	10	\$124.80	\$12.48
	MTPP2520	MT 25 X 20 Reducer PPSU	10	\$141.90	\$14.19
	MTPP3225	MT 32 X 25 Reducer PPSU	10	\$195.40	\$19.54


Elbow

	Code	Description	Per Bag	Bag List \$	Unit List \$
 	MTPP1616E	MT 16 X 16 Elbow PPSU	10	\$81.20	\$8.12
	MTPP2020E	MT 20 X 20 Elbow PPSU	10	\$107.10	\$10.71
	MTPP2525E	MT 25 X 25 Elbow PPSU	10	\$181.80	\$18.18
	MTPP3232E	MT 32 X 32 Elbow PPSU	4	\$115.12	\$28.78

Equal Tee

	Code	Description	Per Bag	Bag List \$	Unit List \$
	MTPP161616	MT 16 X 16 X 16 Tee PPSU	10	\$111.10	\$11.11
	MTPP202020	MT 20 X 20 X 20 Tee PPSU	10	\$154.60	\$15.46
	MTPP252525	MT 25 X 25 X 25 Tee PPSU	4	\$93.92	\$23.84
	MTPP323232	MT 32 X 32 X 32 Tee PPSU	4	\$149.68	\$37.84



Unequal Tee

	Code	Description	Per Bag	Bag List \$	Unit List \$
	MTPP162016	MT 16 X 20 X 16 Tee PPSU	10	\$148.00	\$14.80
	MTPP201616	MT 20 X 16 X 16 Tee PPSU	10	\$135.70	\$13.57
	MTPP201620	MT 20 X 16 X 20 Tee PPSU	10	\$145.10	\$14.51
	MTPP202016	MT 20 X 20 X 16 Tee PPSU	10	\$145.10	\$14.51
	MTPP251625	MT 25 X 16 X 25 Tee PPSU	4	\$85.80	\$21.45
	MTPP252020	MT 25 X 20 X 20 Tee PPSU	4	\$94.56	\$23.64
	MTPP252025	MT 25 X 20 X 25 Tee PPSU	4	\$104.68	\$26.17
	MTPP322032	MT 32 X 20 X 32 Tee PPSU	4	\$143.76	\$35.94
	MTPP322532	MT 32 X 25 X 32 Tee PPSU	4	\$146.32	\$36.58



Fusion Fittings

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



Fusion FT Connector

	Code	Description	Per Bag	Bag List \$	Unit List \$
 	MT40114FTF	MT 40 X 1 1/4" Fusion FT	2	\$121.38	\$60.69
	MT50112FTF	MT 50 X 1 1/2" Fusion FT	2	\$136.26	\$68.13



Fusion MT Connector

	Code	Description	Per Bag	Bag List \$	Unit List \$
 	MT40114MTF	MT 40 X 1 1/4" Fusion MT	2	\$157.30	\$78.65
	MT50112MTF	MT 50 X 1 1/2" Fusion MT	2	\$170.94	\$85.47
	MT632MTF	MT 63 X 2" Fusion MT	2	\$330.70	\$165.35



Fusion Reducer

	Code	Description	Per Bag	Bag List \$	Unit List \$
 	MT4025AF	MT 40 X 25 Fusion Reducer	10	\$123.70	\$12.37
	MT4032AF	MT 40 X 32 Fusion Reducer	10	\$192.10	\$19.21
	MT5025AF	MT 50 X 25 Fusion Reducer	10	\$154.80	\$15.48
	MT5032AF	MT 50 X 32 Fusion Reducer	10	\$154.80	\$15.48
	MT5040AF	MT 50 X 40 Fusion Reducer	10	\$216.70	\$21.67
	MT6325AF	MT 63 X 25 Fusion Reducer	10	\$562.30	\$56.23
	MT6332AF	MT 63 X 32 Fusion Reducer	10	\$562.30	\$56.23
	MT6340AF	MT 63 X 40 Fusion Reducer	10	\$526.50	\$52.65
	MT6350AF	MT 63 X 50 Fusion Reducer	10	\$526.50	\$52.65



Fusion Tee

	Code	Description	Per Bag	Bag List \$	Unit List \$
 	MT404040F	MT 40 X 40 X 40 Fusion Tee	10	\$247.90	\$24.79
	MT505050F	MT 50 X 50 X 50 Fusion Tee	10	\$371.70	\$37.17
	MT636363F	MT 63 X 63 X 63 Fusion Tee	8	\$817.52	\$102.19

Fusion Elbow

	Code	Description	Per Bag	Bag List \$	Unit List \$
 	MT4040EF	MT 40 X 40 Fusion Elbow	5	\$108.35	\$21.67
	MT5050EF	MT 50 X 50 Fusion Elbow	10	\$315.80	\$31.58
	MT6363EF	MT 63 X 63 Fusion Elbow	2	\$117.70	\$58.85

Fusion Joiner

	Code	Description	Per Bag	Bag List \$	Unit List \$
 	MT4040JF	MT 40 X 40 Fusion Joiner	10	\$192.10	\$19.21
	MT5050JF	MT 50 X 50 Fusion Joiner	10	\$272.50	\$27.25
	MT6363JF	MT 63 X 63 Fusion Joiner	2	\$105.30	\$52.65

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

Pipe Accessories

	Code	Description	Box List \$	List \$
	CPCLIPS16	Pipeclips White Nail In 16mm 100 per bag (1000 per box).		\$0.25
	CPCLIPS20	Pipeclips White Nail In 22mm 100 per bag (1000 per box).		\$0.28
	CPCLIPS25	Pipeclips White Nail In 28mm 100 per bag (1000 per box).		\$0.36
	CROS16C	Rosette Pipe Flange Chrome ID: 16mm OD: 46mm 100 in box		\$2.88
	CROS16MMW	Rosette Pipe Flange White ID: 16mm OD: 46mm 100 in box	\$68.00	\$0.68
	CROS20MMW	Rosette Pipe Flange White ID: 20mm OD: 52mm 100 in box	\$68.00	\$0.68
	CROS28W	Rosette Pipe Flange White ID: 28mm OD: 60mm 100 in box	\$68.00	\$0.68
	CSNAPC	Snappit 15mm x 200mm Chrome Pipe Cover For a sharp aesthetic. Pack of 10.		\$65.97
	MTM2W	2 Port Brass Plumbing Manifold 1" MF 4 per bag.		\$33.34
	MTM3W	3 Port Brass Plumbing Manifold 1" MF 4 per bag.		\$40.01
	FAR3422	FAR Chrome plated 3/4" Male to 22mm Compression		\$17.04
	TVRT20100-200	Flexible Extendable Stainless Steel Hose 3/4" 3/4" M x 3/4" F – 100 – 200mm length		\$27.70








Pipe Tools

	Code	Description	List \$
 	KLCRTOOLM	Klauke Mini MAP115ml Press tool Kit Compact and light weight battery operated tool for pressing of fittings with U profile. 16–32mm jaws. Includes carry case, battery and charger. Special introductory deals available, please contact your sales rep.	\$5,116.77
 	MTTIK	Bevelling Tool Insert Kit Contains 16, 20, 25, 32mm inserts, and handle.	\$441.93
 	MT3WR	HD 3-Way Reamer 16 20 & 25mm	\$142.03
 	MTT1632H	Bevelling Tool Handle for Inserts 16-32mm	\$156.63
	MTT16B	Bevelling Tool Insert 16mm	\$83.91
	MTT20B	Bevelling Tool Insert 20mm	\$89.51
	MTT25B	Bevelling Tool Insert 25mm	\$95.11
	MTT32B	Bevelling Tool Insert 32mm	\$108.69
 	MTT40B	Reamer T Handle 40mm	\$111.89
	MTT50B	Reamer T Handle 50mm	\$128.65
 	MTTPD	Pipe Decoiler 4 Arm Compact configuration and easy transportation. Ask us about a pipe and decoiler combo special offer!	\$1,252.21

	Code	Description	List \$
 	MTTPB	Pipe Bender Set	\$1,348.78
	MTBS16	Inside Bending Spring 16mm Make perfect bends without kinking pipe.	\$30.01
	MTBS20	Inside Bending Spring 20mm Make perfect bends without kinking pipe.	\$37.34
	MTBS25	Inside Bending Spring 25mm Make perfect bends without kinking pipe.	\$53.37
	MTBS32	Inside Bending Spring 32mm Make perfect bends without kinking pipe.	\$195.70
	MTOBS16	Outside Bending Spring 16mm Make perfect bends without kinking pipe.	\$40.01
	MTOBS20	Outside Bending Spring 20mm Make perfect bends without kinking pipe.	\$56.69
	MTOBS25	Outside Bending Spring 25mm Make perfect bends without kinking pipe.	\$76.70
 	MTWBT	Pipe Deburring Tool Bevel tool for deburring Multitubo composite pipe and edges of different materials. Copper, steel, brass, aluminium, plastic.	\$72.38
 	MTTP16JG	Temporary Blanking Cap 16mm	\$7.85
	MTTP16	Reusable Test Plug 16mm With venting port.	\$78.33
	MTTP20	Reusable Test Plug 20mm With venting port.	\$83.91
	MTTP25	Reusable Test Plug 25mm With venting port.	\$89.51
	MTTP32	Reusable Test Plug 32mm With venting port.	\$95.11

LIMITED STOCK

MULTITUBO PIPE SYSTEM






	Code	Description	List \$
 	MTWTKIT	Multitubo Fusion Welding Kit Fusion tool kit for Multitubo composite pipe system. Includes heating iron, mandrels 25–63mm and bevel tool.	\$2,529.51
 	KLCRTOOLUP16	Klauke Mini 16mm U Profile Jaw Also called KSP5 profile.	\$370.62
	KLCRTOOLUP20	Klauke Mini 20mm U Profile Jaw Also called KSP5 profile.	\$360.18
	KLCRTOOLUP25	Klauke Mini 25mm U Profile Jaw Also called KSP5 profile.	\$382.13
	KLCRTOOLUP32	Klauke Mini 32mm U Profile Jaw Also called KSP5 profile.	\$382.13
	KLCRTOOLTH116	Klauke Mini 11.6mm Jaw (TH Profile) Also called KSP11 profile. For use with VarioComp.	\$370.62
	KLCRTOOLTH16	Klauke Mini 16mm Jaw (TH Profile) Also called KSP11 profile. For use with VarioComp.	\$370.62
		KLCRTOOLMB	Klauke Mini MAP115ML Press Tool Battery
	KLCRTOOLMC	Klauke Mini MAP115ML Press Tool Battery Charger	\$365.65
	KLCRTOOLC2	Klauke Mini MAP2L Press Tool Battery Charger	\$562.56



System Treatments


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Filtration

	Code	Description	List \$
	FXTF1	Ferrox 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 Ferrox products.	\$517.78
	FXTF1C	Ferrox 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.	\$516.01
	FARFILT1	FAR Filter Dirt Separator Swivel connection, magnetic separator 25mm.	\$350.24
	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.	\$446.25
	MAGVENT	Magvent Air, Dirt and Magnetite Separator The Magvent is used to remove air magnetite sludge and dirt. Stainless steel construction. Available from flange sizes 50–600mm.	Indent only
	FPADS65	CleanVent Air & Dirt Separator 65mm PN16 Stainless Steel	\$1,901.95

SPECIALIST PRODUCTS

Deaerator

	Code	Description	List \$
		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	\$360.09
	FARDEAR2	FAR filter Deaerator 2" 50mm	\$455.38

Inhibitor

	Code	Description	List \$
<p>Fernox F1 Protector</p> <p>System inhibitor for typical residential systems. Use when commissioning a new system and thereafter at annual servicing. Compatible with aluminium and steel radiators.</p> <ul style="list-style-type: none"> • 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 			
			
	FXPRO400EX	<p>Fernox F1 Protector Express Can 400ml</p> <p>Quick and convenient – doses in 30 seconds.</p> <ul style="list-style-type: none"> • Simple to use with no mess • Apply via radiator adapter or filling loop supplied 	\$101.17
	FXPRO500	<p>Fernox F1 Protector 500ml Bottle</p> <p>One bottle suits systems of approximately 10 radiators. Typically added via a plumbing pressure tester or dosing pot.</p>	\$83.31
	FXPRO10L	<p>Fernox HVAC F1 Commercial Protector 10L</p> <p>Concentrated system inhibitor for large volume hydronic systems. Compatible with all metals.</p>	\$1,442.38
	FXPROTSTX	<p>Fernox Inhibitor Test Strips</p> <p>For testing concentration of Fernox protector in systems. 50 test strips per container. Test sheet can be found on website.</p>	\$127.74
	DOSPOT2	<p>Dosing Pot 13.5L Stainless Steel</p> <p>For convenient dosing of hydronic systems with inhibitor. Complete with air vent and isolation valves.</p>	\$988.03

Fernox Protector





Long-term protection of central heating systems against internal corrosion and limescale formation

- Maintains system efficiency and extends boiler life
- Non-toxic and environmentally friendly formulation




FERNOX
MAKES WATER WORK



Cleaner



	Code	Description	List \$
	FXCLE265	Ferno F3 Cleaner 265ml Bottle Ferno F3 Cleaner for pre-commissioning cleaning of new systems and removal of sludge and scale from existing systems, restoring efficiency.	\$78.16
	FXCLE10L	Ferno HVAC F3 Commercial Cleaner 10L Ferno F3 Cleaner for pre-commissioning cleaning of new systems and removal of sludge and scale from existing systems, restoring efficiency.	\$1,355.18
	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.	\$184.97
	BXHXC	Heat Exchanger Cleaning Fluid 400ml for Condensing Boilers	\$51.08

Antifreeze


	Code	Description	List \$
	FXAFRZ5L	Ferno 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.	\$314.91
	FXHTF20L	Ferno 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%.	\$868.44
	FXREFRACT01	Ferno Antifreeze Refractometer For on-site test of antifreeze concentration.	\$627.71

NEW

Jointing Compounds

	Code	Description	List \$
	FXLSX	Ferno LS-X Joint Sealer 50ml Tube Quick and easy to use for leak free threaded and compression joints.	\$24.79
	FXHW	Ferno Hawk White Jointing Paste The heating and plumbing installer's best friend for the jointing of threaded connections.	\$18.12

Leak Sealer

	Code	Description	List \$
	FXSEAL500	Ferno F4 System Leak Sealer 500ml Bottle A good solution for dealing with micro leaks in hydronic heating systems.	\$80.14



Valves, Gauges & Filters

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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	List \$
V2PZVB20	Danfoss 2 Port Zone Valve Body 20mm (BSP female)	\$84.99
V2PZVB25	Danfoss 2 Port Zone Valve Body 25mm (BSP female)	\$93.37



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	List \$
V2PZVA	Danfoss 2 Port Valve Actuator	\$124.57



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	List \$
V2PZV1	FAR 2 Port, 1" Zone Valve and Actuator (230V 25mm female/female)	\$568.64



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	List \$
V3PZV1	FAR 3 Port, 1" Zone Valve and Actuator (230V)	\$422.39



FAR HP 3-Way DHW Valve Kit

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



Code	Description	List \$
HPKVK3	FAR HP 3-Way DHW Valve Kit 1" Ideal for 10 and 16kW heat pumps.	\$628.91
HPKVK2	FAR HP 3-Way DHW Valve Kit 1 1/4" Ideal for 16kW and above heat pumps.	\$717.14



FAR HP 3-Way Valve Actuator

Actuator only (no valve included).



Code	Description	List \$
HPZHPKVKA	FAR HP 3-Way Valve Actuator.	\$577.56



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	List \$
V2WZ1	Watts 2 Port Zone Valve 25mm	\$81.76



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	List \$
V3WBYPAS1	Watts 3 Port Divert Valve 25mm	\$81.76











Watts Capillary Head + Probe 20–70°



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






Code	Description	List \$
V3WTHMHD	Watts Capillary Head + Probe 20–70°	\$114.56

Ball Valves



	Code	Description	List \$
		Ball Valve 1/2" M/F (15mm)	
	VB12MF	Simple male/female ball valve in nickel plated brass for use with water or air. Uses teflon seals.	\$13.98
		Ball Valve 3/4" M/F (20mm)	
	VB34MF	Simple male/female 20mm ball valve in nickel plated brass for use with water or air. Uses teflon seals.	\$19.72
	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.	\$28.84
	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.	\$48.71
	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.	\$69.95
	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.	\$108.99
	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"	\$66.32
	VBALLFTVL114	Ball Valve with Integral Filter 1 1/4"	\$119.53
	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"	\$103.84
	VBALLF114	Ball Valve with Integral Filter 1 1/4"	\$158.16
	VBALLF112	Ball Valve with Integral Filter 1 1/2"	\$228.98
	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.	\$21.08

	Code	Description	List \$
	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).	\$123.99
	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).	\$123.99



Pressure Valves

	Code	Description	List \$
	VDIFFHYD	Differential Bypass/Hydrolux 1" Sometimes called a hydrolux valve, this differential pressure valve relieves system pressure for pumps when thermostatic or zone valves close.	\$114.24
	VDIFFHYD1	Differential Bypass/Hydrolux 1 1/4" Sometimes called a hydrolux valve, this differential pressure valve relieves system pressure for pumps when thermostatic or zone valves close.	\$205.23
	VFILL	Filling Valve and Gauge 15mm The fill valve enables convenient commissioning. <ul style="list-style-type: none"> • Gives a constant pressure to the system when venting radiators or underfloor systems • Requires double check valve if permanent connection to mains supply 	\$152.24
	VPRESRELF	Pressure Relief 1/2" x 3/4" 3 Bar Pressure relief valve for closed or sealed systems using an expansion vessel. 50kW.	\$97.29
	VPRESRELF2	Pressure Relief 3/4" x 1" 3 Bar Pressure relief valve for closed or sealed systems using an expansion vessel. 100kW.	\$131.76


Flow Valves

	Code	Description	List \$
	VBALWT20156	Inline Flow Meter 25mm 1.5–6L/min (1") Flow meter for inline direct reading and regulating of system flow.	\$155.70
	VBALWT20828	Inline Flow Meter 25mm 8–28L/min (1") Flow meter for inline direct reading and regulating of system flow.	\$154.85
	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")	\$387.09
	VBALWT322070IN	Inline Flow Meter 32mm 20–70L/min Insulated (1 1/4")	\$477.78
	VBALWT4030120IN	Inline Flow Meter 40mm 30–120L/min Insulated (1 1/2")	\$614.84






Air Valves

	Code	Description	List \$
	VAAV	Auto Air Vent 1/2" The FAR automatic air vent is a high quality valve for peace of mind installation. Top Vent.	\$31.94
	VAAVN	Auto Air Vent 1/2" Non-Return Valve Enables servicing without drain down.	\$11.71

Non-Return Valves

	Code	Description	List \$
	VALNONR	Non-Return Valve 25mm Plunger style non-return valve to prevent thermosyphon or backfeeding in a heating system.	\$17.77
	VALNONR32	Non-Return Valve 32mm Plunger style non-return valve to prevent thermosyphon or backfeeding in a heating system.	\$101.69

Gauges

	Code	Description	List \$
	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.	\$27.75
	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.	\$127.70
	THW	Thermometer 60mm and 1/2” Pocket Water temperature thermometer with 15mm BSP pocket for system water temperature gauging.	\$20.74
	UFMTGC1	Inline Temp Gauge Connection Fitting 1” FAR	\$24.41
	VBFT	Temperature Gauge for Far Valves 40mm	\$25.07

Spare Parts

Central Heating New Zealand carries a wide range of spare parts for our key brands to enable swift servicing and repairs.

Our technical experts have a wealth of knowledge and will work with you to troubleshoot any problem. They're dedicated to providing the right solution for your issue.



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

 **Central Heating**
NEW ZEALAND

A heating system fit for an architect

After living in the existing 1940s bungalow, Tim Dagg, director at Sheppard & Rout Architects decided it was time to demolish the existing home which was no longer working for them, and build a new home.

After specifying central heating in many architecturally designed homes, Central Heating New Zealand was an easy choice. Underfloor heating was the best choice as it is unobtrusive and completely hidden. Central Heating New Zealand supplied and installed our radiant underfloor in-slab heating system. 870m of PE-RT pipe was attached to the structural mesh, then concrete is poured on top. Powered efficiently by our reliable 10kW Chofu Heat pump.





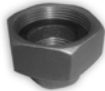








Pumps

Pumps & Unions

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Pumps & Unions

	Code	Description	List \$
	WILORS25-70	Wilo Pump RS 25/70 230V 3 speed Circulation pump suitable for most residential heating systems. Three speed control. Order unions separately.	\$384.29
	WILOE25-0.5/8	Wilo Pump Electronic 25-0.5/8 130mm 230V Variable speed circulation pump. (Order unions separately).	\$1,067.86
	GFOSPUMP2580	Grundfos Pump UPS25-80 1PH 180mm Body Three speed high head circulation pump. (Order unions separately).	\$694.18
	UFMPU	FAR Pump Union 1 1/2" x 1" Chrome Plated.	\$30.01
	PEG657030	Pump Union and Gasket 1 1/2" x 1" Standard BSP thread pump unions with gaskets. Sold individually.	\$21.29
	FBPUIV	Isolating Pump Union BSP 1 1/2" x 1" Brass pump unions with isolation valves (sometimes referred to as bulldog unions).	\$25.64
	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).	\$174.38
	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.	\$1,071.51
	WILO3010E	Wilo Pump Yonas Maxo 30/0.5-12 180mm 230V Electronic	\$1,804.21
	WILO30-10U	Pump Union and Gasket 2" x 1 1/4" Standard BSP pump unions. For Wilo Top S 30/10 Pump.	\$27.64
	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.	\$907.77

NEW



Expansion Vessels

Expansion Vessels










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Expansion Vessels

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	List \$
 	EV2L	Expansion Vessel 2L For heating.	\$77.35
 	EV5L	Expansion Vessel 5L For heating.	\$80.22
	EV8L	Expansion Vessel Pot 8L For heating.	\$67.70
	EV12L	Expansion Vessel Pot 12L For heating.	\$82.91
	EV18L	Expansion Vessel Pot 18L For heating.	\$95.57
	EV24L	Expansion Vessel Pot 24L For heating and potable.	\$79.12
	EV50L	Expansion Vessel Pot 50 L For heating.	\$235.33
	EVB	Expansion Vessel Bracket Wall bracket for pot type up to 50L.	\$47.07
	EV100L	Expansion Vessel Pot 100L For heating.	\$441.71
	EV150L	Expansion Vessel Pot 150L For heating.	\$563.56
	EV200L	Expansion Vessel Pot 200L For heating.	\$655.31
	EV300L	Expansion Vessel 300L For heating.	\$1,016.28
	EV500L	Expansion Vessel 500L For heating.	\$1,690.81

Larger commercial sizes available on request.






Heat Exchangers

Heat Exchangers

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Heat Exchangers

	Code	Description	List \$
	HEX14B	<p>Heat Exchanger 14 Plate Brazed</p> <p>Compact, cost-effective heat exchanger for use with domestic cylinders. Suitable for spa pools.</p>	\$455.46
	HEX13	<p>Heat Exchanger 13 Plate Stainless Steel</p> <p>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>	\$1,408.65
	HEX19	<p>Heat Exchanger 19 Plate Stainless Steel</p> <p>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>	\$1,651.62
	HEXB	<p>Heat Exchanger Bracket</p> <p>Heat exchanger bracket for HEX13 and HEX19. Stainless steel.</p>	\$63.96









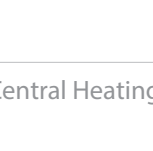

Full range of heat exchangers available upon request.





Spare Parts









Gas Boiler Parts	176
Diesel Boiler Parts	177
Variotherm Manifold Parts	178



Gas Boiler Parts

	Code	Description	List \$
	BXBSEVKIT	Baxi Basic Service Kit Baxi Ignition Electrode, Baxi Flame Detection Electrode, F1 Protector Express Can 400ml	\$194.10
	BXSERVKITDUOT	Baxi Duotec Service Kit Baxi Spare Temperature Sensor, Baxi Ignition Electrode, Baxi Flame Detection Electrode, Baxi Spare PCB Duo-tec GA	\$922.62
	BXSERVKITECO	Baxi Eco Service Kit Baxi Spare Fan Pressure Switch x2, Baxi Spare Temperature Sensor, Baxi Ignition Electrode, Baxi Flame Detection Electrode, Baxi Spare PCB Main Eco Boiler	\$934.65
	BXSERVKITLUNU	Baxi Luna and Nuvola Service Kit Baxi Spare Fan Pressure Switch x2, Baxi Spare Temperature Sensor, Baxi Ignition Electrode, Baxi Flame Detection Electrode, Baxi Spare PCB Main Luna Boiler	\$947.05
	BXZ710789900	Baxi Spare Fan Pressure Switch HUBA 70-60Pa (31)	\$145.31
	BXZ710790300	Baxi Spare Fan Pressure Switch HUBA 95-115Pa (24)	\$145.31
	BXZ8434820	Baxi Spare Temperature Sensor	\$32.67
	BXZ710220000	Baxi Ignition Electrode	\$48.45
	BXZ710731400	Baxi Spare PCB Duotec GA	\$797.03
	BXZ710424200	Baxi Spare Flame Detection Electrode for Duo-tec GA	\$42.64









	Code	Description	List \$
	BXZ5687020	Baxi Spare PCB Luna3 Comfort	\$540.24
	BXZ5683130	Baxi Spare PCB Main for Eco3 Boiler	\$527.82

Diesel Boiler Parts

	Code	Description	List \$
	FBSEVKIT	Firebird Service Kit Riello Fuel Pump Filter/O-Ring, Firebird System Boiler Pump, Fuel Filter 10mm BSPF, Riello Fuel Pump RDB, Danfood Diesel nozzle 0.65 and 0.55, Pressure Relief Valve, Auto Air Vent, Riello Burner, Riello Photocell RDB	\$1,090.95
	FBSPFULINE	Firebird Riello Flexi Fuel Line	\$54.85
	FBSPHOTCEL	Firebird Riello Photocell RDB	\$91.82
	FBSPPH	Firebird Riello Burner Pre-Heat Assembly	\$110.96
	FBSPA AV	Firebird Serviceable Auto Air Vent	\$29.08
	FBSPPRV	Firebird Pressure Relief Valve 3.0 bar with 1/4" port	\$99.46
	FBPUMP	Firebird System Boiler Circuit Pump Grundfos Pump 25-60	\$327.95
	FBSPUMP	Riello Fuel Pump RDB (oil pump)	\$290.30

	Code	Description	List \$
	FBSPUMPF	Riello Fuel Pump Filter Mesh/O-Ring (RDB oil pump)	\$31.37
	FBPUIVC	Firebird Pump Union Isolating Valve	\$25.64

Variotherm Manifold Parts

	Code	Description	List \$
	UFMVTCB	Variotherm Manifold Connection Block	\$77.53
	UFMVTEP	Variotherm Manifold End Plate	\$33.29
	UFMVTBVR	Ball valve 6/4" x 1" Female Thread Red	\$83.72
	UFMVTBVB	Ball valve 6/4" x 1" Female Thread Blue	\$83.72
	UFMVTAV	Manual deaerator 1/2" – self-sealing	\$11.39
	UFMVTT	Vario Thermometer 0–60 °C	\$28.00
	UFMVTN	Variotherm Manifold M8 Nut 100pcs	\$22.75
	UFMVTB	Variotherm Bracket set VarioManifold 5.0	\$42.41

Visit trade.centralheating.co.nz/products/ to view more spare parts.

Warranty, Returns and Terms of Trade, Residential Installations

Warranty

WARRANTY CONDITIONS

Central Heating New Zealand Limited (CHNZ) warrants to the customer (the customer being the end user of the product(s)) that:

1. The products are warranted to be free from manufacturing defects for the period specified for that type of product, from the date of purchase. CHNZ will, free of charge, replace or repair (at CHNZ's discretion) any parts proved to CHNZ's satisfaction to be defective.
2. The warranty covers the exchange of any faulty or defective parts or materials under 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. Should a water quality issue be found to be present, CHNZ reserves the right to withdraw the warranty
 - Repair or replacement of the boiler or any parts under this warranty does not lengthen or renew the warranty period.
 - To CHNZ design or approved system design.

WARRANTY EXCLUSIONS

1. Consequential losses: No consequential losses as a result of defective products are covered by any warranty offered by CHNZ, or accepted as a liability in any way.
2. Labour, travel and administrative costs: CHNZ accepts no liability for any labour, travel or administrative costs associated with replacement of faulty parts without the purchaser first obtaining authority in the form of email confirmation from CHNZ. Any agreed amount will be in the form of a credit to your account. CHNZ cannot accept responsibility, in any situation, for products installed in remote or locations outside 80kms from the point of purchase.
3. Products are not covered under warranty when undue stress is caused by poor system design and installation.
4. This Warranty shall not apply to any defect which, in CHNZ's opinion, arises 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.
5. CHNZ is not liable under any warranty, expressed or implied, unless the goods or equipment have been paid in full.
6. 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 2 above.
7. 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.

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.
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

Parts	Warranty Period	Part Exclusions	Conditional Exclusions
Buffer Tanks & Thermal Stores	5 years	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
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

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

1. Contact CHNZ to report the non-requirement of the product as 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
4. Email photographs of the damaged goods to CHNZ as soon as possible to enable a claim to be lodged with the freight company.
5. Return the product with the Returns Form and packaging to CHNZ.
6. 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 and Conditions of Trade

The following terms and conditions apply where Central Heating New Zealand Limited (CHNZ) supplies goods or services to a person, firm or company (the Client) which CHNZ believes will be used in the course of trade, and the terms of the Consumer Guarantees Act 1993 shall not apply.

These terms may be updated by CHNZ from time to time, and such updated terms will apply to all orders placed after such updated terms are published on CHNZ's website. Current terms may also be obtained on request from CHNZ.

Consumers (as that term is defined in the Consumer Guarantees Act 1993) must contract with CHNZ on CHNZ's retail terms of trade.

1. CONTRACT FORMATION

- a. A binding contract will form between the parties on notification to CHNZ of the Client's acceptance of CHNZ's quotation or CHNZ's acceptance of the Client's purchase order, and these terms (as may be updated by CHNZ from time to time) will apply to such contract regardless of any terms which may be included on the Client's purchase order.

2. OWNERSHIP

- a. Ownership of goods remains with CHNZ until payment for the goods is made in full and the Client authorises CHNZ to register a financing statement on the Personal Property Securities Register to protect CHNZ's position.

3. PRICE

- a. All orders for goods and services shall be filled at the prices set out in CHNZ's valid written quotation or CHNZ's current price list as at the date of supply of the order by CHNZ.
- b. Unless stated otherwise, all prices quoted by CHNZ are exclusive of GST and other taxes which are payable by the Client.
- c. Unless stated otherwise, all prices quoted by CHNZ include the cost of transport. Additional freight charges will be incurred by the Client for tanks, bunds, thermal stores or rural delivery.

4. TERMS OF PAYMENT

- a. Payment for goods, equipment and/or services shall be made within seven working days of date of invoice, unless prior written arrangement has been made with CHNZ. Clients with agreed credit accounts with CHNZ must pay in full by the 20th of the month following invoice.
- b. If full payment is not made by the Client on the due date, the Client must pay interest at a rate equal to 5% above the current overdraft rate which CHNZ has with its principal trading bank.
- c. Payment of all moneys is to be without set-off or deduction of any kind.
- d. Any expenses, disbursements and costs incurred by CHNZ in the enforcement of any rights will be payable by the Client, including all legal fees and/or debt collection fees.

5. CREDIT INFORMATION

- a. The Client consents to CHNZ making enquiries of, obtaining any information from and providing information to, any financier or credit rating agency about the financial standing and credit worthiness of the Client.

6. DELAY AND DELIVERY

- a. CHNZ is not liable to the Client for any delay or failure to supply goods or services. Dates given by CHNZ shall be indicative only and shall not be part of the conditions of sale. CHNZ shall not be liable to the Client for any loss of revenue or profits or any consequential loss of damages for failure to deliver on any indicative date given.
- b. Goods or services will be supplied by CHNZ during regular working hours on regular working days. If for any reason the Client requests CHNZ to supply goods or services outside regular working hours, any overtime or any such additional expenses shall be paid by the Client as part of the price at CHNZ's then current labour rates.
- c. Extra costs incurred by CHNZ due to cessation of work or increased work occasioned by the Client's instructions or lack of clear instructions, mistakes (other than by CHNZ), or work for which CHNZ is not responsible shall be reimbursed by the Client to CHNZ on invoice.

7. VARIATIONS

- a. CHNZ reserves the right to revise at any time of the quantity or type of goods or services supplied to the Client if it believes that other goods or services supplied by CHNZ can fulfil the same function.

8. CLAIMS

- a. Goods supplied shall be examined by the Client promptly upon delivery. Any damage or issue shall be reported to CHNZ immediately, including photographs to be emailed, in accordance with CHNZ's Warranty and Returns procedures as set out on CHNZ's website and available to the Client on request. To the full extent permitted by law no claim will be recognized by CHNZ unless the claim is made as soon as is reasonably possible and in any event within five (5) days after

delivery of the goods to which the claim relates.

- b. Claims for loss in transit shall be made against the carrier in accordance with the provisions of the Carriage of Goods Acts 1979.

9. RETURN OF GOODS

- a. The Client must obtain CHNZ's written approval before returning any goods in accordance with the CHNZ Returns Policy.
- b. Goods may be returned for credit if:
 - they do not comply with the description under which they were sold;
 - they are not of merchantable quality; and/or
 - they are not reasonably fit for the purpose that CHNZ knew they were intended for.

10. LOSS OR DAMAGE TO GOODS

- a. CHNZ is not liable for any loss or damage to goods or equipment following despatch from CHNZ. Any costs arising from loss or damage to goods or equipment on the Client's site must be paid by the Client.

11. LIMITATION OF LIABILITY

- a. CHNZ applies the warranty of the manufacturer(s) of the goods sold to the Client, provided the Client's claim is within the provisions of the manufacturer's warranty in relation to the relevant goods. CHNZ shall, at its discretion, repair or replace the defective goods, or refund the purchase price to the Client, provided:
 - the goods have not been used or installed incorrectly or misused by the Client; and
 - the Client has supplied all relevant data and the invoice relating to the goods when requested to do so by CHNZ.
- b. To the full extent permitted by law, CHNZ will in no circumstances be liable to the Client for any loss, damage or expense, sustained or incurred, by the Client or any other party, whether direct or indirect, special or consequential, howsoever caused, arising directly or indirectly out of any act or omission by CHNZ. CHNZ's liability to the Client, if any, in contract, tort or otherwise, will be limited to the cost of repair or replacement of the relevant part, and in the case of services, to the invoice value of the relevant service, and in all instances any liability shall be reduced by the extent to which the Client contributed to the costs or loss.

12. BREACH

- a. CHNZ reserves the right to terminate supply of goods and/or services to the Client immediately upon the Client being in material breach of these Terms, and material breach shall include but not be limited to failure to pay any sums due by their due date.

13. NO WAIVER

- a. Any delay or failure to enforce any of these terms shall not be a waiver of such term, and any waiver on any occasion shall not be a waiver on any subsequent occasion.

14. ENTIRE AGREEMENT

- a. No waiver, change or modification of any of these terms or conditions or any additional terms and condition shall be binding on CHNZ unless in writing signed by an authorized officer of CHNZ.

15. GOVERNING LAW

- a. These terms shall be governed by New Zealand law.

16. PRIVACY POLICY

- a. CHNZ recognises the importance of protecting your privacy. We comply with our obligations under the Privacy Act 1993 when handling personal information.

17. INTELLECTUAL PROPERTY

- a. The Client agrees that CHNZ may use any documents, designs, drawings and photography associated with the Client's project for the purposes of advertising, public relations, marketing, or entry into any competition.



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(Updated February 2022)

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New Zealand's Experts

The combination of our skills, products, experience and people built up over the past 20 years, make us New Zealand's experts in the hydronic industry. We take pride in supplying the right heating system or products for our customers' specific functionality and budget requirements so that at the end of every project, both our customers and their clients are delighted.

Central Heating New Zealand: the experts in hydronic heating and cooling products, systems and design.

Take a look inside this comprehensive product catalogue or keep up to date with the latest products and promotions on our mobile-friendly website **trade.centralheating.co.nz**.

We have tailored our website to make it easier for you to search and order products online, checkout faster, store multiple shipping addresses and view your past orders.

Or, give us a call and speak with our keen knowledgeable team.



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