



Hunt Heating.  
**The smart choice.**





Clean and healthy  
Stylish, safe and comfortable  
Silent and energy efficient  
Low maintenance and reliable  
A cleaner greener environment

Hunt Heating was established in 1982 and as a fully owned Australian company has remained the leading supplier of hydronic products and solutions to the industry in Australia. With all our quality components, we can assure you of a hydronic system that will give many years of economical comfort and service. Say goodbye to dust, ducts and noisy fans. Welcome to the clean, silent world of hydronic heating.



### **Clean and healthy**

Dust and allergens are a major drawback with ducted heating systems with up to 40% of the population suffering from some type of allergy or asthma in Australia and New Zealand. Asthma and allergy sufferers are likely to benefit from a heating system that does not blow dust into the air. Steel panel radiators and convectors have long been the preferred choice of consultants and engineers for heating in the health industry. Panel radiators and natural convectors have a fast heat up/cool down cycle and are acknowledged by medical authorities for their ability to provide controllable heat without transference of airborne bacteria.

### **Stylish, safe and comfortable**

Bring European style, superb design and finish into your home with hydronic radiators and convectors. No flames, no fumes. Hydronic heating provides warmth in the same way nature does. Similar to the rays of the sun, radiant heat warms objects rather than air, by natural convection and radiation. It does not dry out the air, or cause unpleasant draughts and hot spots, giving uniform temperatures throughout your home.

### **Silent and energy efficient**

One characteristic of hydronic heating which is a clear advantage over many others is the fact it is silent, not relying on noisy electric fans cycling on and off. Radiant and naturally convected heat warms your home in peace and quiet. Hydronic heating allows you more flexible and economical bespoke room-

by-room control of heating and comfort, (this can also be very important in those homes with sensitive and hi-tech electronics, antiques and artifacts). Significantly less operating time is required to maintain the desired warmth compared to other methods of heating, keeping operational cost to a minimum. A high efficiency condensing hydronic boiler, installed within your home will quickly achieve the desired temperature and with the boilers intelligent controls enhanced with weather compensating sensor (optional) communicating directly with the fully modulating burner efficiencies can achieve 96.6% reducing gas consumption and running cost.

### **Low maintenance and reliable**

Hydronic heating is effortless and reliable. Simply set the wall timer and temperature thermostat, relax and enjoy the comfort and efficiency. Maintenance is seldom required as most of the working parts of your hydronic system are within the boiler. High quality manufacturing with long term warranties ensure your system will be around for generations to come.

### **A cleaner, greener environment**

Europeans with their very harsh winters have known for decades that hydronic heating is the most efficient form of central heating. This is why they now lead the world in terms of design and manufacture of eco friendly, energy saving boilers and systems. Hunt Heating is proud to offer these products as part of our extensive range.



# STEEL PANEL RADIATORS

## High performance and design

Steel panel radiators are high performance with an elegant, superb finish and design.

What you and your family want most from a radiator is to create a warm and comfortable home as quickly as possible and also to be economical to run. Convector fins welded directly to the waterways increase the effective heating surface area – which in turn results in a significantly quicker warm up time for your home.

## Thermostatic Radiator Valves

Set the TRV's to the level you want for the room; a lower setting uses less energy and so will save you money.

## Finishes

High gloss white, unique finish both scratch and corrosion-resistant.

## Measurements

### Steel Panel and Linear Steel Panel

Heights from

**300mm to 900mm**

Widths from

**400mm up to 3000mm**

### Available as

Single, compact, double and triple panels.

### Vertical Steel Panel and Linear Vertical Steel Panel

Heights from

**1400mm to 2400mm**

Widths from

**300mm up to 900mm**

### Available as

Single and compact



# CAST IRON RADIATORS

## Timeless Character

Cast iron radiators have a great appeal to many people – the rough, rustic, almost unfinished surface provides great character for the home that requires special effects.

Cast iron radiators can combine the elegance of a bygone era with the performance of high efficiency heating – due to the inherent ability of cast iron to spread and retain heat for much longer periods than steel.

## Thermostatic Radiator Valves

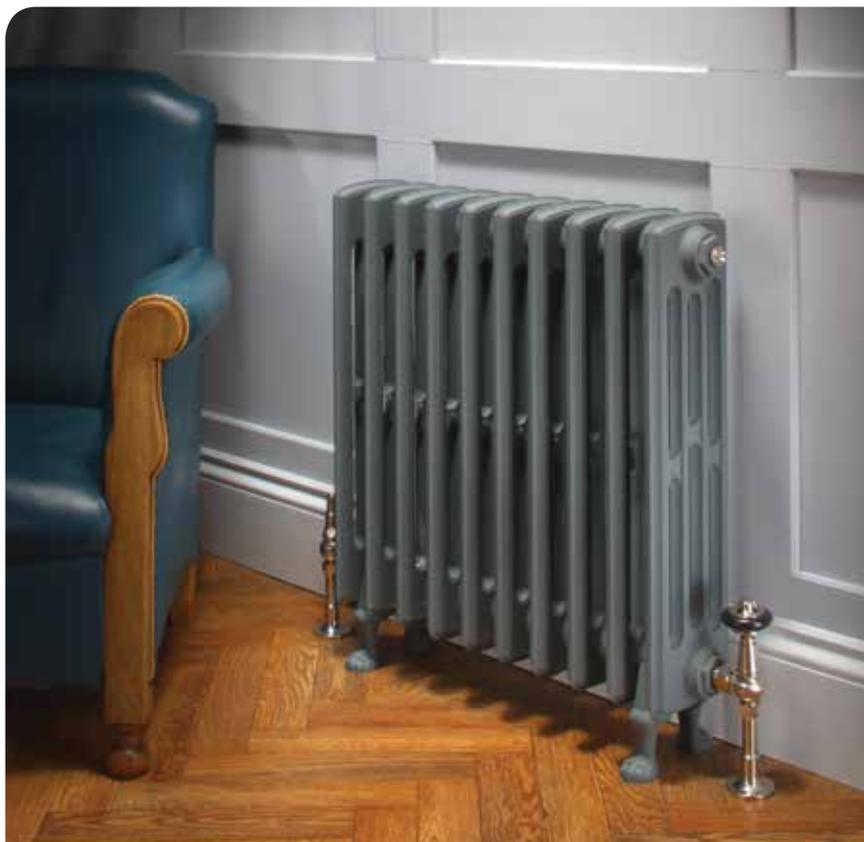
Set the TRV's to the level you want for the room; a lower setting uses less energy and so will save you money.

## Finishes

Radiators are supplied undercoated white and are treated to resist atmospheric agents. This makes an ideal primer for the finishing coat of enamel in your colour choice.

## Measurements

Available as **2, 3, 4, 6** columns in various heights.



timeless  
character

# STEEL TUBULAR RADIATORS

## Elegant and Stylish

Contemporary, elegant and stylish – tubular radiators can be used as an architectural feature of your home while combining looks and warmth in one superior product.

Manufactured with great attention to appearance – a key feature of the tubular radiators is the perfectly smooth lustrous finish without any traces of weld joints, allowing you to make a statement or blend with any interior décor.

## Thermostatic Radiator Valves

Set the TRV's to the level you want for the room; a lower setting uses less energy and so will save you money.

## Finishes

188 RAL colours including white 9010 as standard plus 11 special finishes

## Measurements

Available as **2, 3, 4, 5, 6** columns in various heights.



high  
performance  
& design





# TOWEL RAILS

## Luxury and Warmth

Create a safe, comfortable, healthier bathroom environment with stylish towel rails and enjoy the luxury of warm dry towels.

Complement the surroundings with your towel rail or choose to make a bold statement with one.

Keep bodies and towels warm and dry while extending the lifespan of your home's interior by reducing bathroom dampness.

All towel rails are available with an electric element option.

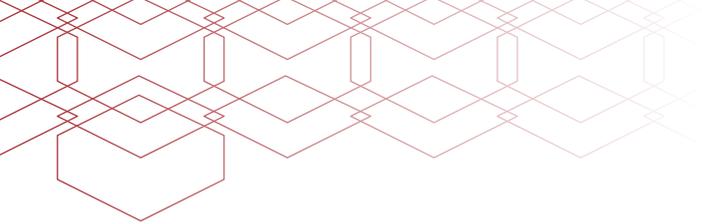
## Finishes

188 RAL colours including white 9010.

## Measurements

Straight and curved towel rails are available in various heights and widths



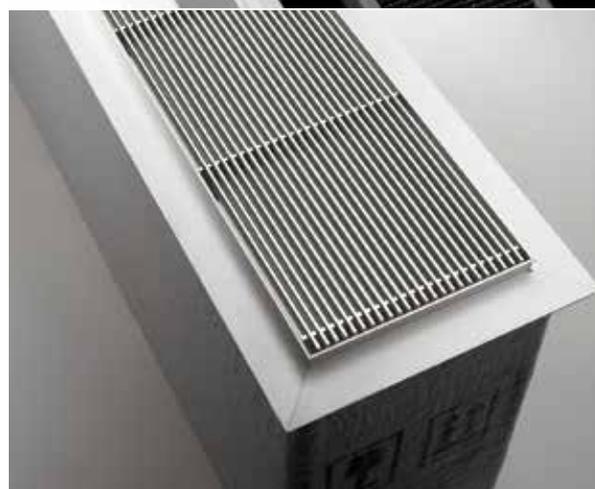
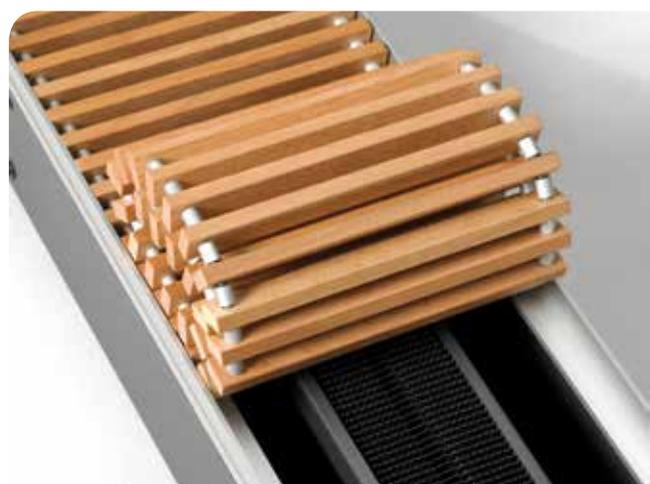


## TRENCH

### Warm Power Perfectly Integrated

Warm power perfectly integrated into invisible hydronic convectors, the ideal solution for main heating for rooms with floor to ceiling windows and large sliding doors negating any architectural design compromise. After the trench convector has been mounted within the compact trench housing recessed to finish floor level, only the decorative grille remains visible. A comprehensive choice of materials are available with many finishes and colours ensuring your hydronic underfloor trench system will fit with every interior. Our exclusive Jaga trench solution is certified to EN442, the only accredited standard guaranteeing heat outputs.

If you need confirmation of quality, refer to the comprehensive manufacturers guarantee against design or manufacturing defects on our website [www.huntheat.com.au](http://www.huntheat.com.au).



# UNDERFLOOR

## Low Energy Comfort

Ideal for new home construction single or multiple storeys, Hunt Heating can design and supply systems for solid floor, suspended floor, and overlay. The underfloor pipe system delivers warm water supplied and maintained at 50 degrees from your hydronic boiler, for the ultimate in comfort with an evenly distributed temperature surrounding the body with warmth head to toe, the temperature then reducing above head height creating supreme comfort. In comparison no other system can create this level of even comfort. Traditional ducted air for example produces highest temperatures around the head, with the cooler, less comfortable temperatures around the body. Underfloor heating is highly efficient - using the thermal mass of the concrete slab the heat transfer delivers optimum thermal comfort at much lower temperatures, overall heat losses are radically reduced. Incorporating hydronic underfloor heating with a high efficient condensing boiler will reduce fuel costs with up to 20% savings on gas bills. Designs and solutions can be tailored for suspended floor requirements or secondary pour systems.

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high  
performance  
& design

# DESIGNER RADIATORS

## Style, quality, innovation and performance

Not words usually associated with radiators, however, with our great selection of designer radiators we can show you many stylish ways to heat your home.

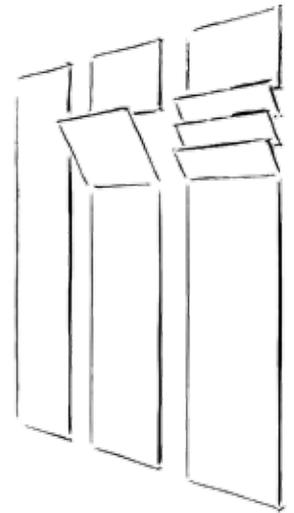
Use your design flair and individuality with our designer range. Whatever you want from your heating system you will discover it's possible to keep warm in style.

Break through the boundaries of traditional thinking with innovative technologies which heat better, faster, cleaner, and are more environmentally friendly.

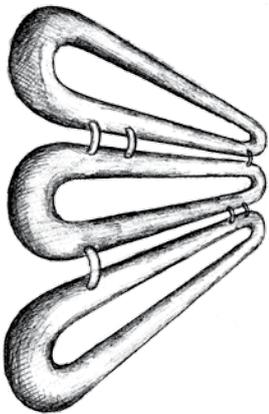
For a full range of products and solutions refer to our website [www.huntheat.com.au](http://www.huntheat.com.au)



FLAPS



style & quality



BELLS BEACH

## Flaps

Made entirely of recyclable aluminium affording high heating efficiency, it is distinguished by a 3 mm thick plate, interrupted by flaps which give the radiator its name and which are used as towel rails.

## Bells Beach

Bells Beach, designed to solve the practical problem of fitting radiators into tall and narrow or low spaces, it is a very functional product and at the same time a very elegant and fine radiator. Bells Beach design features include a gently curved front and softly rounded surfaces and edges throughout. Appearing to float off the wall and featuring hidden workings, controls and plumbing, Bells Beach also becomes a practical towel warmer, thanks to the additional chromed bar.

## Saturn & Moon

A highly sculptural piece of Zen minimalism that is calm, contemplative and relaxing. Saturn features a towel holder handle (Saturn's ring). When the towel holder is removed from Moon, it fits perfectly into any environment. Saturn & Moon features a totally hidden system connection, which is also easily accessible, thanks to the special attachment that allows the radiator to be raised, offering immediate access to the valve and holder. The sphere-shaped surface of Saturn & Moon captures light from the environment and softens the borders of the radiator like the halos at the beginning and the end of the eclipse. Saturn & Moon radiators are perfect for any environment, including homes, hotels, restaurants, cafés, clubs and bars. They can be placed in corridors, airports, on board yachts and cruise ships, as well as in the tiniest bathrooms.

## Scudi

This new entry implements the already wide range of electrical products from the Griffe range, also designed to be placed in homes with photovoltaic panels for the autonomous production of electrical energy.

## Series T

More than just a heater; a piece of furniture that integrates into spaces with great personality but doesn't want to be the centre of attention. With only an aluminium profile you can create "warm" configurations: individual and combined shelves, object holders, towel rails etc for the bathroom, entrance, hall, kitchen and living room. The first tailored radiator, made from extruded aluminium, with T-shaped section that gives the heater its name. This is available in various configurations, in both the vertical and horizontal versions.



## SERIES T



## BOILERS



### SUPERIOR EUROPEAN TECHNOLOGY AND QUALITY

More than 4 million homes are heated across the world with Immergas products. Our compact internal and external Immergas range of boilers are the best in class in terms of power and efficiency, providing outputs from 11kw to 1100kw. Instantaneous watermarked condensing combination boilers enable a single unit installation to take care of domestic hot water requirements whilst delivering comfort and efficiency to the hydronic heating installation. For larger homes, health and education applications our large condensing stainless steel cascade solutions are a perfect option. Utilising Hunt Heating's dedicated Customer Service Team, we can design a system bespoke for each individual's requirements, guaranteeing you an environmentally friendly 96.6% efficient low energy consumption. A high efficiency condensing hydronic boiler, installed within your home will quickly achieve the desired temperature and with the boilers intelligent controls enhanced with a weather compensating sensor (optional), communicating directly with the fully modulating burner, efficiencies can be achieved of 96.6%, reducing gas consumption and running costs.

## MULTI-ZONE DISTRIBUTION BOXES



### MULTI-SYSTEM DISTRIBUTION MANIFOLDS

The "D.I.M. V2" range (Multi-system Distribution Manifolds) offers a series of kits that provides easy to install zone options with same temperature circuits or mixed temperature such as one circuit connected to steel panel hydronic radiators the other circuit connected and controlling the hydronic underfloor system. Each zone managed separately by the simple wiring of 2 or 3 independent programmable room thermostats. Ideal for central heating systems with large water capacities.

- D.I.M. V2 base, to be used if the system requires large water capacities;
- D.I.M. V2 2 zone, to be used to manage systems divided into 2 zones;
- D.I.M. V2 3 zone, to be used to manage systems divided into 3 zones;
- D.I.M. V2 H-LT, for the management of mixed systems with differentiated temperature (e.g. a zone with radiators and one with radiant floor panels);
- D.I.M. V2 H-2LT, for the management of mixed systems with differentiated temperature (e.g. a zone with radiators and two with radiant floor panels).

## THERMOSTATS & VALVES



### INTELLIGENT TECHNOLOGY WALL MOUNTED THERMOSTATS

The right heating controls will let you keep your home at a comfortable temperature without wasting fuel or heat – so you'll reduce your carbon dioxide emissions and spend less on heating bills.

Quality wall mounted thermostats from Grasslin, Siemens & Honeywell give you fingertip control over your heating system. Ranging from basic on/off thermostats to sophisticated 5/2 & 7 day programmable thermostats to complete zoning systems.

- LCD display
- Back Light (option)
- Wireless 30m range (option)
- Battery powered (2 AA batteries)
- Frost protection

Program to suit your individual needs then forget - it's that easy.

Your room thermostat should be set to the lowest comfortable temperature - typically between 18°C and 21°C. Try turning your thermostat down a degree or two and seeing if you still feel comfortable. You don't need to turn your thermostat up when it is colder outside: the house will heat up to the set temperature whatever the weather. It may take a little longer on colder days, so you might want to set your heating to come on earlier in winter.

## RADIATORS



### AND YOU THOUGHT ALL RADIATORS WERE THE SAME...

Remember when radiators were purely functional, rather than design features that could enhance a room in their own right? These DeLonghi products radiate style, the dazzling white, high gloss finish is achieved by a process whereby every radiator is surface cleaned, phosphated, primer-coated and electrostatically painted before a remarkable stove-enameled finish is applied. Apart from creating a stunningly attractive product, this hi-tech coating provides a finish that's both scratch and corrosion-resistant and will last for years and years.

### VALVES

Heimeier, Pintossi and Giacomini are the worlds most successful valves offering quality and reliability in German and Italian engineering. Operate your hydronic heating system to optimum levels using the large variety of thermostatic and regulating valves and accessories.

### PEX POLYETHYLENE PIPE

- Inbuilt oxygen barrier protection
- Bends up to 5 times the external diameter by hand, even more with a bending spring
- 18mm diameter x 2mm wall
- 200mm coil lengths
- Temperature resistant -20°C to +95°C

## PIPE & CHEMICAL INHIBITORS



- Continuous operating temp 70°C
- Tested pressure 800 kilopascals

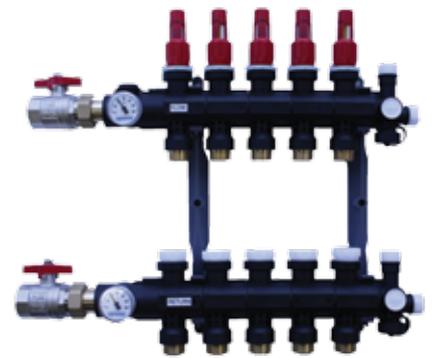
### CHEMICAL INHIBITORS

Corrosion deposits in an older central heating system can cause a substantial reduction in the effectiveness of the radiators, and the system as a whole - up to a 15% reduction. The build-up of the scale in heating circuits and on boiler components can cause a reduction in efficiency too. Using an effective chemical inhibitor can decrease the corrosion rate and prevent the build-up of sludge and scale - preventing system deterioration and helping to maintain efficiency. Typically, it can increase boiler efficiency by around 3%. Prolong the life of your hydronic heating system and keep moving parts lubricated for a quieter smoother operation. Fernox F1 hydronic water treatment is the best water treatment and system lubricant on the market - available in a convenient 500ml concentrate bottle. A wide range of water treatment solutions from Fernox are also available for system flushing, sludge and lime scale removal, along with leak sealants etc

### MANIFOLD SYSTEM

- Compact, easily extendable
- Built in flow metre
- Up to 12 circuits per manifold
- Control valves for every circuit
- Right or left hand connections

## MANIFOLD SYSTEMS



- Isolating & fill/drain valves included
- Air bleeders included

For full details refer to our website [www.huntheat.com.au](http://www.huntheat.com.au)

### How much can you save?

Whatever the age of your boiler, the right controls will let you set your heating and hot water to come on and off when you need them, heat just the areas of your home you want, and decide how warm you want each area to be. Here are the average savings you could make in a typical three-bedroom semi-detached home, heated by gas:

- Install a room thermostat if you didn't have one before: \$126 and 280kg carbon dioxide a year.
- Fit a hot water tank thermostat: \$55 and 130kg carbon dioxide a year.
- Fit a hot water tank insulation jacket: \$82 and 170kg carbon dioxide a year.

You can also make savings by using your controls more effectively:

- Turn down your room thermostat by one degree: save around \$117 and 260kg carbon dioxide a year.

You can upgrade or install heating controls without replacing your boiler, and it's a particularly good idea to think about this if your controls are over 12 years old. Room thermostats, for example, are much more accurate than they used to be.



# MULTI LAYER COMPOSITE PIPE (MLCP)



## UPONOR PLUMBING SOLUTIONS

MLCP can be used for radiator systems, underfloor heating and mains water supply.

### Advantages of Uponor MLCP

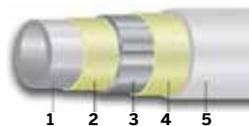
- Full watermark approvals
- Australian standards approved
- Made in Germany
- Low heat expansion similar to metals
- Hygienically harmless
- Fast, safe and easy to install
- Absolute corrosion resistance
- Internal oxygen barrier
- Low pipe roughness  $k=0.0004\text{mm}$
- Available in a wide range of sizes
- Low weight, easy handling
- Maximum temp  $95^{\circ}\text{C}$
- Maximum continuous operating pressure 10 bar at  $70^{\circ}\text{C}$
- No time spent soldering or welding
- 100 meter coils 16–20mm, 50 meter coils 25–32mm
- 5 meter straight lengths 32–40–50mm
- New pre-insulated pipe:  
75 meter coils 16–20mm, 50 meter coils 25mm
- R value = 0.40
- Insulation wall thickness 9mm

Uponor is a leading international supplier of plumbing and heating systems for the residential and commercial building markets. With an annual production of more than 100 million metres of pipe and millions of metal and composite fittings, Uponor markets the comprehensive MLCP system in more than 100 countries worldwide today.

Quality, service and environmental friendliness are key objectives in the development process. The system consists of in-house produced composite pipes and fittings that fit perfectly together.

### Multi Layer Composite Pipe – 5 layers

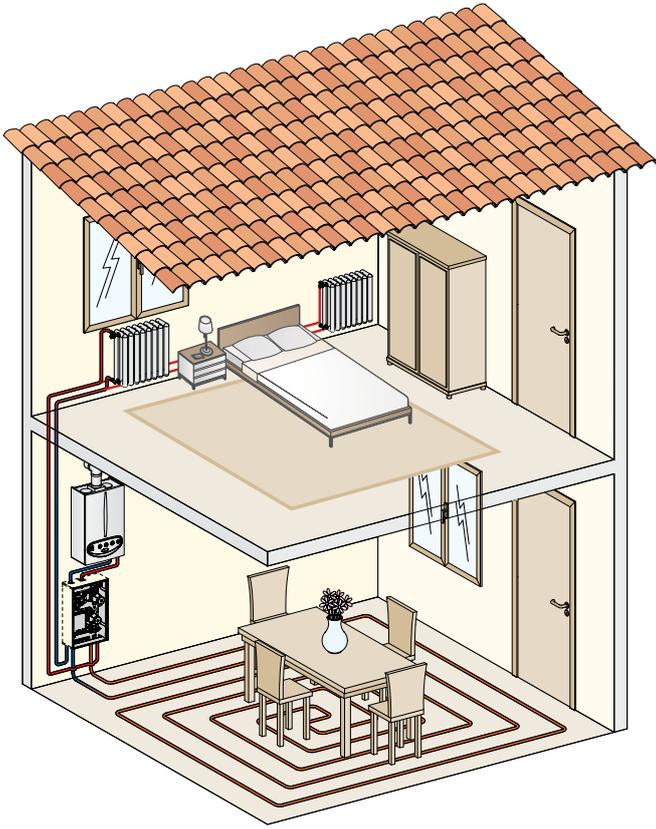
- 1 – pipe inner layer PE-RT
- 2 – adhesive
- 3 – welded aluminium pipe
- 4 – adhesive
- 5 – outer layer of PE-RT



### Easy as 1 2 3 – cut, bevel, press

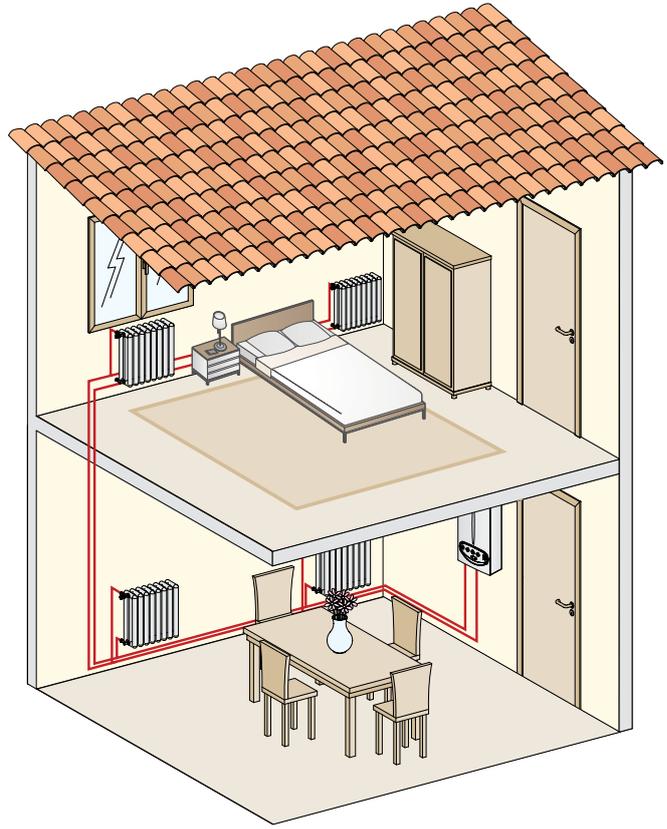


### Schematic 01



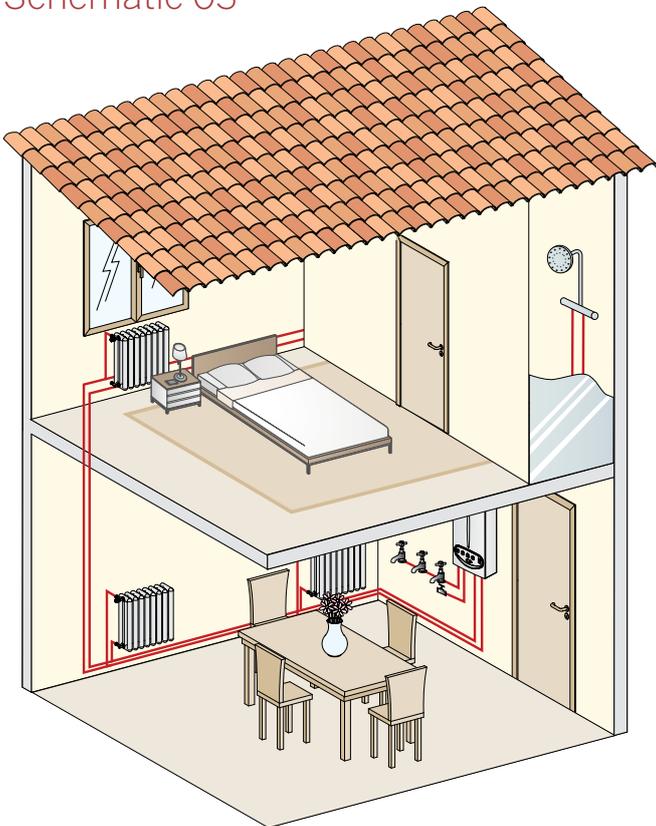
The example above displays a heating only boiler with a multi -zone solution providing underfloor heating to the ground floor and hydronic steel radiators to the first floor.

### Schematic 02



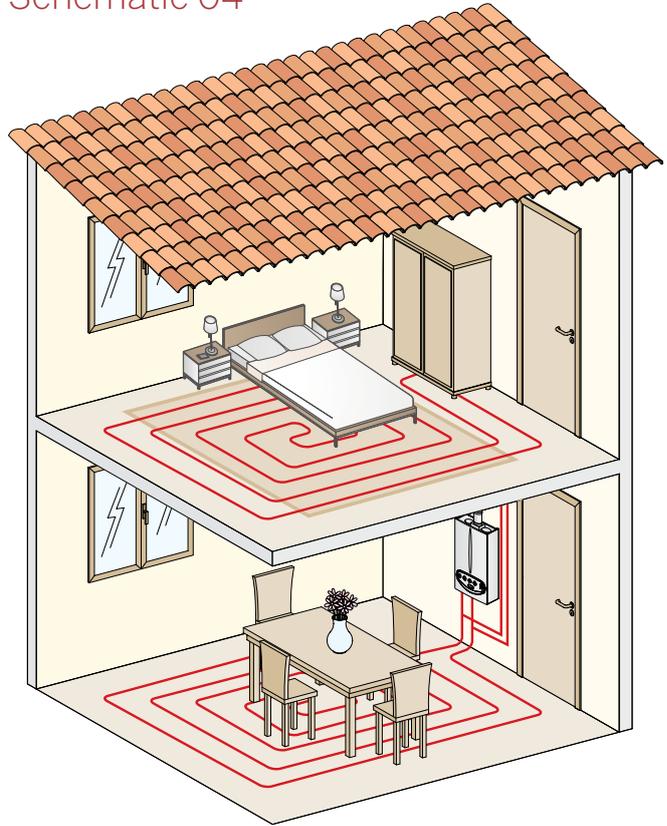
The example above displays a heating only boiler with hydronic radiators to the ground and first floors.

### Schematic 03



The example above displays a combination boiler providing hydronic heating and an instantaneous domestic hot water solution.

### Schematic 04



The example above displays a heating only boiler with a hydronic underfloor heating solution to the ground and first floors.



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