

**Heating products are diverse and can therefore seem overwhelming in terms of choosing which is best for you -by asking a few simple questions we can tailor the products available that would best suit you. Ask simple questions such as; whether you wish to heat your whole home, or simply one room.**

### GAS HEATING OPTIONS

#### DUCTED HEATING

One of the most common heating systems in most new constructions and much of the existing homes is natural gas heat. A central heating system provides warmth to the whole interior of a house (or a portion of a building) from one point to multiple rooms.

Ducted central heating is one of the most efficient ways to heat your entire house. If you're using a space heater or a reverse cycle air conditioner, the cost to heat only one room is approximately \$98 per quarter. But with gas ducted heating, you can heat your entire home for less than \$200 a quarter (if you use zoning and energy efficient models-see below\*).

#### HOW DOES IT WORK?

The heater draws air from inside your house into a return air grille. From here it then flows into the heater where it's warmed, and then to every room via outlets, in the form of warm, gentle air.

Positioned strategically throughout your home, these outlets are installed either in the floor or ceiling. Installation of the heater unit depends on your house. If your house is built on a concrete slab, the unit is installed in the roof. If it has space underneath or a very low roof line, the unit is installed outside or under the floor.

**In the floor:** The heat is dispersed via ducting through floor registers

**In the ceiling:** The heat is dispersed via ducting through down jets in your ceiling

#### ENERGY EFFICIENT

A high star rating model can cost a little more to purchase, but the savings on energy bills can easily make up the difference in just a few years. *Even a one star improvement can save around 10% on running costs!*



**Move to a warm zone**  
Zoning enables you to divide your home into sections so living areas can be heated during the day and sleeping areas at night, or whatever suits you. Your controller is programmed for the zoned areas; it's as simple as a punch of a button!  
Zoning is not only practical but economical.

### FLOOR HEATING/HYDRONIC HEATING

Hydronic heating is considered the most pleasant form of central heating, which as the name suggests, works on re-circulating water heated by a natural gas, LPG fired boiler or solar heat pumps.

The water is circulated from the boiler into radiators, skirting board convectors or fan convectors located strategically around the house or even your slab. The size and type of radiators and/or convectors determine the amount of heat provided. One of the many benefits that hydronic heating offers, is that each radiator and convector can be individually thermostatically controlled, providing the ultimate in comfort for each room. Living areas can be warmer than bedrooms. Unused rooms can be switched off or kept at a lower temperature.

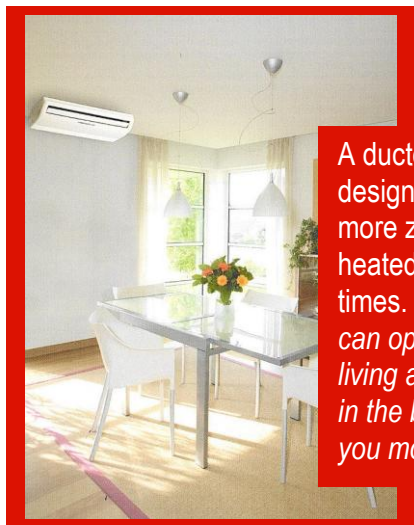
Hydronic heating is also modular. Once a boiler of appropriate size is installed, you are able to add radiators and/or convectors as required. If you build an extension, or renovate, you simply plumb the area and add radiators/convectors as required.



A favorite heat source of Asthma Sufferers & Alpine and cold climate zones

## ELECTRIC DUCTED HEATING

This system provides air conditioned comfort to new and existing homes as well as heating (through reverse cycle). The system comprises of two units. The indoor unit is usually located in the ceiling or under the floor with flexible ductwork distributing conditioned air through vents located throughout the house, whereas, the second unit (compressor) is installed outside the home.



A ducted system can be designed to operate in two or more zones, which can be heated or cooled at different times. *This means, that you can operate your system in the living area during the day and in the bedrooms at night saving you money on energy costs.*

## FLOOR HEATING

Radiant floor heating is incredibly comfortable. Electric radiant floor heating can be used not only for new home constructions, but also for a remodel, or a raised foundation application where you can install the under floor heating system in the crawl space under EXISTING tile floors without removing them.

## PANEL HEATING

These slim line panel heaters warm your room with a combination of both radiant and convection heat.. These can either be wall mounted or placed on casters so that they can be moved from room to room when required or even packed away during the summer months. Many may come with timers that can then be preset. These heaters are a great low cost heating alternative to the electric fan forced units. A favourite of asthma sufferers due to the radiant method of heating.



Radiant heat does not create air movement so dust is not distributed around also the absence of air movement helps to maintain your own body temperature.

## SLOW COMBUSTION HEATERS

A slow combustion heater is a heater which has an airtight firebox (glass door). There are a variety of sizes available which can heat anywhere from say 10sq up to a 40sq home.

The advantage of a slow combustion wood heater over an open wood fireplace is that they are more economical on fuel and give a larger heat output and allow for an overnight burn. A slow combustion heater can either be freestanding, or in-built (into an existing open fireplace or into new framing). There is also a number of differing looks available from contemporary to period style.

Slow combustion heaters provide the best efficiency - up to 70%. These heaters can also be used to provide warmth and visual effect to a room, or an entire home. This is due to an airtight firebox, additional airflow controls and air inlets plus secondary combustion chambers to improve efficiency.

These heaters come in a variety of sizes depending on the area you wish to heat, and whether this will be your main heat source. The best wood heater for you depends on your situation, requirements and preferences. They come in both freestanding and in-built options. An inbuilt can be for an existing fireplace (making it more efficient and cheaper) or for a new construction (zero clearance box). You can also get double sided heaters!

Some wood combustion heaters can now be inserted into a wall cavity where no brick chimney is in place. These are known as "Zero-Clearance" systems. They essentially have an extra containment box over the firebox this can allow you to generally frame up to 150mm of the box.

Wood heating is one of the few sustainable heat sources with the ability to replant also when using recognised firewood sellers who obtain their firewood through registered cutters. For further information on firewood and slow combustion heaters that work in with Landcare Australia lease view the following sites.

[www.homeheat.com.au](http://www.homeheat.com.au)

[www.sustainability.vic.gov.au](http://www.sustainability.vic.gov.au)

[www.dse.vic.gov.au](http://www.dse.vic.gov.au)

<http://www.environment.gov.au/atmosphere/airquality/publications/hot-tips/pubs/hot-tips.pdf>

## OPEN WOOD BURNING FIREPLACES

A firebox can be used to improve the performance of an existing fireplace (*up to 5 times more heat output*), or they can be fitted into a room without an existing fireplace creating the warmth and ambience that only a wood fire can give! Because the system is self-contained and easy to install, it will save up to half the price of a full brick chimney.

An insert firebox is a hollow, metal structure built into a fireplace, allowing for a greater degree of convection heating rather than relying purely on radiant heat. A variety of sizes are available depending on the room size and visual effect (i.e. *wow factor*) you are looking for. A firebox can also come in a freestanding case; eliminating the need to create a fireplace altogether.

## Gas Heating Options

### Gas Log Fires

Gas log fires can create a focal point in any room as well as providing warmth. Even if you have other heating in your home e.g. central heating, a gas fire can be used to complement this heating source. There are primarily two different types of gas fires- open gas and glass fronted. Both types are available in either freestanding or inbuilt varieties, depending on the look you are after.

### SO, WHAT'S THE DIFFERENCE?

An *open gas fire* is more visual, with some supplementary heating – heating a closeable room of up to 4 squares (approx. the size of a double garage). There is more flexibility available in terms of sizes and styles of the gas burner (ranging from logs, pebbles to coal); however, the running costs are greater; averaging around 50-60 cents per hour. These fires can be installed into an existing brick fireplace or timber framework.

A *glass fronted fire* is considered a room heater, heating open plan rooms anywhere from 4 to 15 squares in size. The heat output is therefore greater as they have a variable speed fan. Given that the heat chamber is fully sealed, the running costs are less; averaging approximately 38 cents per hour to heat an area up to 10 squares. Another benefit of the glass fronted fire is that they can also be flued horizontally onto an external wall- *saving you money!* These fires can be installed into an existing brick fireplace or timber framework.



From ultra modern to the look of yesteryear there are many different styles to choose from for both indoor and outdoor

Peace of mind! !!

Obtain a quote for work being carried out and that you have received a **Certificate of Compliance**. This ensures that the work has been carried out by a qualified tradesperson and is necessary for the warranty of Heating System.



## INSTALLING HEATING SYSTEMS

Woodpecker is one of the few Heating and Cooling businesses who actually have their own certified plumbers and installers on staff.

This is an important fact in our customers' peace of mind in that if there is a query it is Woodpecker they contact and who will tend to it. Our customers don't have to source trades people and chase them if concerns arise.

We give a guaranteed six-year compliance certificate on works carried out. We can organise and oversee other trades such as painters, carpenters, electricians on contacted jobs if required. Working directly with the sales team communication is key and avoids unnecessary errors.

Qualified and accredited our installers are professional and have been installing heating and cooling as a concentrated career. They know heating and cooling – no guess work!

Woodpecker installers are such a trusted name in the community we mostly carry out works in homes where our customers aren't even there, are away or it's even their second residence.

Our installations teams are neat well presented, prepared and courteous, we treat your home with the same respect as our own.

[www.woodpecker.com.au](http://www.woodpecker.com.au)

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