

# ABOUT US

: Vision plumbing is a quality business that works in domestic, industrial and commercial areas. Over the years work that has been undergone has varied from normal residential homes to schools, workplaces, restaurants, and factories.

Vision plumbing covers everyone from- households, real estate agents, insurance companies, even builders and owner builders.

In this time, we've built a reputation of being professional, reliable and competent in all aspects of the work we perform.

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We have enjoyed continuous and rapid growth, which has been achieved through:

- Working with a strong service culture
- Our commitment to operating under Quality Management, Occupational Health and Safety, and Environmental

Management Systems

- Quality workmanship
- Excellent staff relations and continuous employment stability
- Commitment to innovation and introduction of new technologies

into our operations

- Our culture of finding solutions for our customer.

Vision Plumbing maintains membership of the following professional organizations to ensure that work practices and procedures are always aligned to the best industry practices:

- Membership of Civil Contractors Federation
- Member of Master Plumbers & Mechanical Services

Association of Australia

# SERVICES:

Vision Plumbing prides itself on its quality service. No job is too big nor small and we will love to assist you in any way possible.

If you're after a plumbing team that can look after you from a new large project to a small 10 minute job, you have found them, here at Vision plumbing.

## ***Hot water services.***

Vision Plumbing can repair or replace any brand of hot water heaters – gas or electric – and even upgrade systems to meet specific needs, making them more efficient and saving you money on energy and water costs

You would like a hot water service that makes hot water available when you want it. And maybe you would also like it to be cost conscious and environmentally friendly.

In thinking about your hot water needs you may find the following information interesting:

- In a typical household heating hot water services accounts for 25% of the entire energy cost and 23 per cent of the total greenhouse gas emissions.
- More than half of hot water use in a normal house is in the bathroom. The laundry typically accounts for a third. The remainder is generally in the kitchen.
- One of the best ways to reduce your energy bills is to reduce hot water use by installing water efficient shower heads and taps – you will save on energy and water.
  - " Vision Plumbing can help with installing water efficient shower heads and taps.

## **Hot water system options**

There are five basic types of water heating systems:

1. Mains pressure storage systems.
2. Low pressure or gravity feed.
3. Instantaneous or continuous flow systems.
4. Solar systems.
5. Heat pump electric systems.

## **Hot water – storage systems**

Water is heated and stored in an insulated tank. They operate on either mains pressure or from a gravity feed (constant pressure) tank.

**Mains pressure storage** – Hot water is delivered at a similar pressure and flow rate to cold water. The main benefit of this to you is that more than one

outlet can be turned on without generally affecting water pressure. The storage tank can be inside or outside the house and is typically located at ground level.

#### **Pros**

- Fast hot water delivery to taps, saving water.
- Cheapest option for hot water replacement.
- Units such as the Aquamax 390 have an energy efficient 5 star rating as well as an excellent 10 year warranty on its tank.

#### **Cons**

- Generally large in size, taking up space on outside wall of house or inside in cupboard.
- Runs out of hot water.

**Low pressure or gravity feed** – With a gravity feed hot water system the tank is usually located in the roof of the house. The major shortcoming of gravity feed systems is that the pressure of your hot water depends on the height difference between the tank and where you need the hot water. Gravity feed systems are mostly found in older properties and properties not connected to mains water. They are often cheaper to purchase and last longer than mains pressure systems. In most cases these are not the most practical system to install, and are no longer readily available.

For either system warranties for the tanks typically range from 5 to 10 years.

#### **Instantaneous and continuous flow water heaters**

Continuous flow systems are relatively new technology compared to the storage systems and have quickly gained popularity. They heat only the water you need when you need it. They can be mounted internally or externally.

Instantaneous and continuous flow hot water systems do not run out of hot water. However, standard instantaneous systems only deliver adequate hot water to one or two points at the same time and at a reduced flow/pressure, (high performance continuous flow units can supply several points at once at full mains water pressure).

Continuous flow hot water heating systems can be fitted with temperature controls that let you set the water temperature for different points in the house (eg in the shower). This means water is not overheated and hot water does not need to be diluted with cold water to achieve a suitable temperature – great for reducing your energy use.

#### **Pros**

- Very compact in size.
- Most continuous low units have an efficient 5 star rating.
- Never run out of hot water.
- Optional temperature controllers can be installed in bathrooms, kitchen and laundry for precise temperature control and increasing the energy efficiency of the hot water unit.

#### **Cons**

- Expensive installation due to requirements of large gas pipes and electrician to install power point or connection.
- Can take a long amount of time to deliver hot water to taps due to

not storing any hot water.

### **Solar hot water systems**

Solar hot water systems are the most efficient water heaters available. They consist of solar panels mounted on the roof to heat the water, all have either gas or electric boosters which are only used to assist on cool or overcast days.

Some solar hot water systems have their hot water storage tanks and boosters installed on the ground, separate from the solar panels. These are known as split systems. The advantages of such a system are that they do not require strengthening of the roof structure to support a water tank, and the storage tank and booster units are more accessible for maintenance. The other type of solar hot water system is the close coupled unit, where the tank and booster are coupled directly to the roof mounted solar panels. In some cases this saves on installation costs if no roof strengthening work is required, and saves space at ground level as the storage tank is on the roof.

#### **Pros**

- The most energy efficient for of water heating available, free hot water during warmer months.
- Roof mounted close coupled units take up no living area.

#### **Cons**

- Expensive installation costs due to high cost of equipment and long installation times.
- High cost of maintenance due to large number of working parts and difficult access.

### **Heat pump electric system**

A heat pump water heater works in a similar way to a refrigerator or reverse cycle air conditioner. In the case of an air conditioner the heat inside the room is extracted from the room and pumped to the outside atmosphere. In winter it works in reverse, extracting heat from the ambient air outside and pumping it to the inside. That's what a heat pump hot water unit does, it takes the heat from the outside ambient air and uses it to heat the hot water. As with air conditioners and refrigerators, a heat pump uses refrigerant to boost the effect of the ambient air.

#### **Pros**

- Environmentally friendly compared to other standard electric mains pressure hot water units.
- Attracts government rebates to lower installation costs.

#### **Cons**

- Not as environmentally friendly as efficient mains pressure gas units.

### **Finding the right hot water system for you**

Vision Plumbing can help you with any hot water system you choose. To help determine which system is best for you we have summarised the key questions we will ask you when we meet.

1. How many bathrooms do you have in your home?

2. How many showers and baths?
3. How many people live in your home and what are their ages?
4. Do you wash your clothes with hot, cold or warm water?

## **BLOCKED DRAINS**

Have you got a sewer or stormwater drain that is blocked? Let the experts at vision plumbing inspect it for you today to diagnose the best possible solution.

Blocked below ground drains are a common and reoccurring problem that in more cases then not have not been cleaned and repaired correctly. Vision plumbing has the latest drain cleaning equipment on hand. Sewer machines, pressure jets and CCTV ( drain camera ) are all available for your home, workplace, council or plumber.

If you have a blocked kitchen sink , bathroom basin, sower, bath , or toilet, laundry trough , to blocked stormwater drains causing flooding and damage, please call Vision plumbing today.

## **GAS INSTALLATIONS/ LEAKS**

If you have a gas appliance that needs to be replaced or installed Vision plumbing has got you covered. Gas work for a non licensed person or plumber is extremely dangerous. Dont put yourself or family at risk by getting a friend or non licensed person to carry out gas work at your property, let Vision plumbing do the job safe and correct.

Hot water service, ovens, cook tops , BBQ conversions from lpg to natural gas or fixed connections. Natural gas outside patio heaters are becoming increasingly popular in busy outdoor places, this being another area were Vision plumbing can help.

If you have a gas leak it shouldn't be ignored. Allow us to carry out a manometer test to locate the leak then provide the best possibly repair or replacement option for you.

## **WATER PIPE RENEWAL**

Poor water pressure? Poor water quality? Sick off poor shower pressure? These problems allot of the time are caused by old galvanised steel pipes that have corroded internally and need replacing.

Allow us to replace the entire water supply on your water meter to each individual fixture within.

## **TOILET OR TAP REPAIR**

Leaking taps and toilets waste water and in today's world of being water saver friendly , this matter shouldn't be ignored. Leaking taps or toilets, hard to turn off, making a water hammer noise, only flushes on full flush, want a dual flush cistern, are all common faults and situations through- out your everyday house or workplace. Call Vision plumbing today to assist in this matter.

## ***Property maintenance***

### **Check a home's plumbing *before* you buy!**

Before buying a home, you have to be sure it's in top condition. And that includes its entire plumbing and water infrastructure. It pays to think about hidden cost of things like blocked drains and faulty sewerage.

Vision Plumbing will visit the prospective home, and perform a comprehensive inspection of every aspect of its plumbing.

- Sewer and stormwater inspections
- Bathroom, kitchen & laundry connections
  - Water leak & pressure testing
  - Roof guttering & downpipes
    - Hot water service
    - Household gas heating

## **WATER SAVING DEVICES:**

### ***Water audits and rebates***

With unusually dry weather and high level water restrictions affecting the amount of water available, Vision Plumbing can help by performing a Water Conservation Audit.

A Water Conservation Audit (limit 1 per property) is a service that helps assess where a household can save water. It can quantify potential savings and recommend products and methods to help achieve the savings.

Once you know where water savings can be found, you can then better understand the benefits things like Rain Water Tanks, Grey Water Diverters, Flow Control Valves and other products that can help you make the most of a limited resource.

To enquire about a water conservation audit call Vision plumbing today!

### ***Rainwater tanks.***

It's more important than ever to keep saving water.  
We can help you keep your garden green all year.

It may seem that, as winter approaches, the need to continue to conserve and save water is less important than in the hotter, drier summer months.

The truth is, it's now more important than ever to put water-saving measures in place.

For starters, autumn and winter are when there is typically more rainfall to capture, so it's actually easier to save more water during the cooler months.

Rainwater tanks are one of the easiest ways to capture the water that falls on and around your home. Depending on the size of your house and your garden, a Rainwater Tank can be purchased and installed by the experts at Vision Plumbing usually in just a few weeks.

The two questions we typically get about rainwater tanks are, what size tank do I need? And, what government rebates apply to my purchase?

**Government rebates.** Before purchasing a rainwater tank, people want to know what government rebates might apply. That's easy. The chart below shows what you can expect to claim back from the Victorian government after purchase.

- Tanks less than 2000 litres: **\$150 rebate.**
- Tanks greater than 2000 litres, used for garden only: **\$150**
- 2000-4999 litres total capacity, connected to system: **\$500**

- 5000 litres-plus, connected to system: **\$1000**

### ***Flow control valves***

#### **Save water by restricting the flow.**

Flow control valves and aerators are an inexpensive and effective water saving solution. These products can reduce water flow in taps and showers by up to 50 per cent without having to change the look of your bathroom, kitchen or laundry.

Flow control valves must reduce flow to 9 litres per minute or less to be eligible for rebate. Includes pre-packaged sets of flow control valves.

## **EMERGENCY SERVICE**

Vision plumbing has a quality after hours and emergency service. From 5pm-6am we are all year round available for our customers. If you have a burst pipe or blocked drain to work that is has to be done after hours we here at Vision plumbing can assist.



