

SAFETY WARNING

The typical Australian hot water tank appears harmless enough, but it could be the most dangerous item in your household.

Many homeowners forget about their hot water tank until it stops working, or in some cases, causes critical injuries and significant damage.

Typical hot water tanks work on the simple principle of using an electric heating element, or a gas burner, to heat water within the tank. Pressure is created from the heating process and each tank must be fitted with safety mechanisms to prevent the build up of excessive pressure and temperature. If the pressure or temperature increases to excessive levels within the tank, it may burst & steam can be created resulting in a massive explosion.

It is an Australian Safety Standard requirement that all hot water tanks are fitted with a Temperature Pressure Relief Valve (TPR Valve). The TPR Valve is designed to automatically release the pressure within the tank when it reaches a critical level, however the valve can often become siezed closed. When the TPR Valve seizes or malfunctions, the pressure within the tank may build up and lead to an explosion, potentially causing property damage, injuries and death.

EXTEND THE LIFE OF YOUR TANK - GUARANTEED*

Most hot water tanks contain a Sacrificial Anode. As the name suggests this anode is a sacrificial and replaceable metallic rod which erodes over time. Manufacturers use a Sacrificial Anode to ensure the erosion and rust that would naturally occur in every hot water tank, is concentrated on the anode and not on the expensive tank.

If your heater's Sacrificial Anode has worn out, your tank starts to corrode and rust. This corrosion critically weakens the structural integrity of the tank and significantly reduces the life-span of your hot water system.

Regularly testing the TPR Valve and having the Sacrificial Anode checked by an authorised technician will ensure the safe operation of your hot water system and significantly extend the life of your heater – Saving you money.



TPR VALVE TIPS

Normal Operation

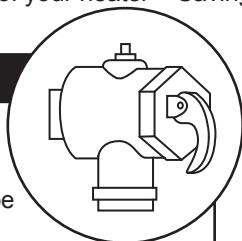
It is normal and desirable that this valve allows a small quantity of water to escape after you use hot water. However, if it discharges more than a bucket full of water in 24 hours, call your Mr Washer technician.

Continuous dribble

Try gently raising the easing lever on the relief valve for a few seconds. This may dislodge a small particle of foreign matter and clear the fault. Release the lever gently.

Steady flows for long period (often at night)

This may indicate the mains water pressure sometimes rises above the designed pressure of the water heater. Ask your Mr Washer technician to fit a pressure limiting valve.



MAINTENANCE SCHEDULE

SIX MONTH SERVICE

(by owner)

Operate the TPR Valve for approximately 10 seconds by raising the easing lever on the top of the valve until water flows from the drain line. Then gently lower the easing lever. Check to ensure the valve closes correctly.

FIVE YEAR SERVICE

(by authorised personnel only)

Replace Temperature & Pressure Relief valve, Inspect & replace the anode if required, Clean and service the gas burner and pilot on gas models and flush the cylinder

AFFECTED BRANDS



(Summary extract from Dux and Rheem owners manual)



DO YOU KNOW WHAT DANGER LOOKS LIKE?

Never assume that just because a hot water tank looks shiny and new on the outside that it is safe on the inside.



Quite often, hot water systems are very well concealed within the home. As the system has not been exposed to the elements or abuse, it creates a false sense of security that the system is operating efficiently and safely.

If you have not checked the valves regularly, or the unit has not been inspected by an authorised technician recently, your system may be posing a serious safety risk to you and your family.

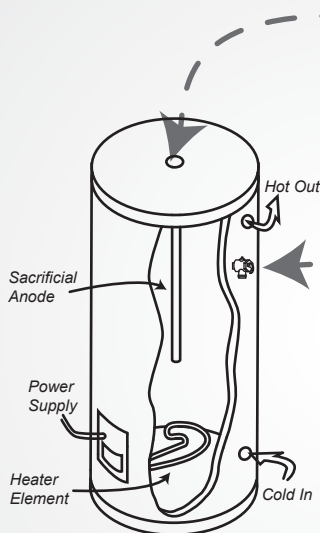
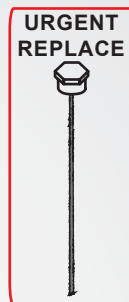
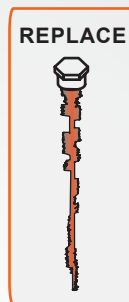
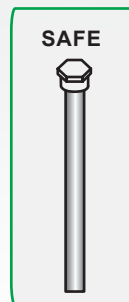


Inside an exploded tank

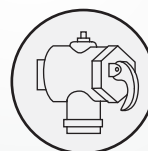


Hot water tank destroys garage

Sacrificial Anodes



TPR Valve



HOT WATER SAFETY INSPECTION



- ✓ Inspect TPR Valve
- ✓ Remove & inspect anode
- ✓ Water pressure test
- ✓ TPR Maintenance Training

- ✓ Tank lasts up to 3 times longer
- ✓ Increases energy efficiency
- ✓ Safer and cleaner hot water
- ✓ 12 Month Guarantee*

* If you authorise the replacement of the Sacrificial Anode and/or the TPR Valve, and your heater fails within 1 year, we will take the cost of this replacement, off the cost of your new heater that we install. So you cant lose!

Mr Washer
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