

# plugged in

THE EXPERT TRADESMEN'S NEWSLETTER

## Welcome to the first edition of *Plugged In!*

### JEDI PLUMBING AND EVEREST

Electrical would like to thank our members by keeping you plugged in and up to date with the latest in our trades.

The plan is to keep everyone plugged in quarterly with informative articles, fun facts, helpful hints and maybe even share a laugh or two.

We hope you enjoy it and we welcome suggestions to improve future newsletters. Let us know if you have any topics you would like to learn more about, if you have any great tradie jokes (g-rated of course) or handy hints that the rest of us would benefit from.

From all the teams at Everest Electrical and Jedi Plumbing, have a wonderful winter, thank you for your continued support and we look forward to being of service when you need us next. ■

## 500kWh

The amount of electricity you could save per year simply by changing six 75 Watt incandescent bulbs for LED downlights.

### DID YOU KNOW?

A bolt of lightning can measure up to **three million (3,000,000) volts**, and it lasts less than one second!



**COLD, WET AND** covered in goose bumps? Is this your experience with winter bath time? Take the chill out of winter bathing with heated towel rails and heat lamps. Imagine stepping out of a hot shower or bath, wrapping yourself in a warm, dry towel and feeling your skin warm up from the heat lamps above you... Hello happiness and goodbye goose bumps!

Heated towel rails warm up quickly and can be used all year round for drying bathroom towels, pool towels and even delicate clothing. Some other advantages are:

- Dry, soft fluffy towels at all times.
- Mildew prevention

from wet towels (keeping bathroom dry and free from bacteria).

- They are energy efficient and safe to use in any environment.

### Choose a heated towel rack that makes the most sense for your space and budget.

- Maintenance free.
- Flexibility of temperature settings: heat a room or dry towels.
- Can be plugged in or hard wired—plugged in can be used at any power outlet however hard wired look better and don't have messy cords hanging down.
- Convenience of adding

a timer to rail so no wasting electricity.

If shopping for a heated towel rail consider features including; price, bathroom size, number of towels to be hung and number of people in the household. Choose a heated towel rack that makes the most sense for your space and budget. If your floor space is limited then wall mounted racks are ideal. Just make sure you use a qualified electrician to hardwire them into your electricity supply. Your electrician can also install heat lamps in your ceiling.

Some benefits of heat lamps include:

- They offer instant heat.
- Use very little energy.
- Give off infrared light that is good for your body.
- They are waterproof.

Once you have heated towel rails and/or lamps, winter bathing becomes a treat... now if we could just get someone to serve us breakfast in bed every morning life would be perfect!!!

Wishing you all a toasty warm winter. ■



**Remember...**  
to mention your membership  
when you book in your  
next job with us.

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## Did you know you have to regularly maintain your Hot Water Heater?

MOST OF US TAKE HOT WATER FOR granted and rarely think about our hot water heaters once they have been installed. We are unaware that our hot water heaters need to be regularly maintained to prolong their life and to prevent damage to the system. The Temperature Pressure Relief Valve (TPR valve) is the main component requiring this maintenance.

### What is a TPR valve?

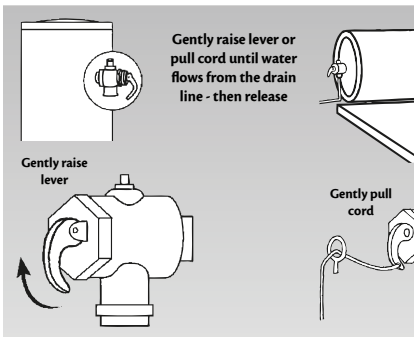
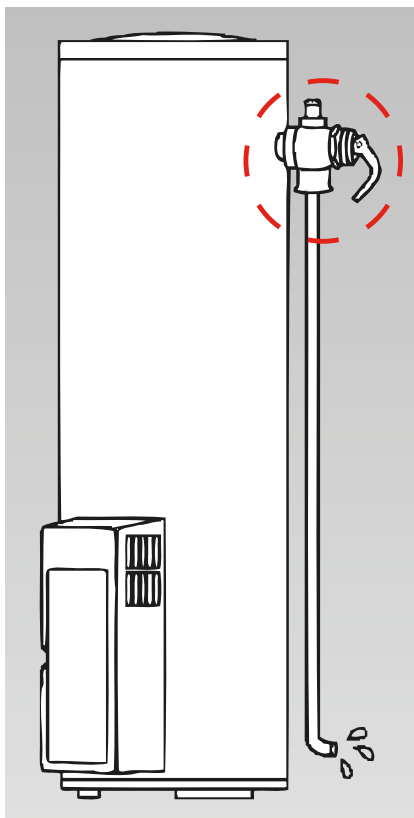
A TPR valve is designed to reduce pressure inside the hot water storage tank. When water is heated, it expands, and pressure inside the tank increases, so there has to be some way to release this pressure—or the tank could explode. The TPR valve is designed to open if the temperature exceeds 99 degrees or the pressure inside the tank rises above the valves pressure rating.

### What can happen if the TPR valve is not regularly maintained?

If not maintained, the TPR valve can seize, preventing pressure from being relieved from the tank. This in turn puts added pressure on the tank, reducing its life span or on occasions causing the tank to explode.

### Where to find the TPR Valve?

The TPR valve can be found on all hot water storage tanks. It is always near the top of the water heater, at the same level as the hot water outlet.



**The TPR valve should have the easing lever activated every six months to prevent a build up of mineral deposits.**

### How to maintain a TPR valve?

The TPR valve should have the easing lever activated every six months to prevent a build up of mineral deposits. To do this you gently raise the lever for a couple of seconds and then lower it again. Hot water will flow out of the drain line while the valve is open. The valves should also be replaced every five years to prolong the life of the heater. ■

# 3785Lt

The amount of water you can save in a month by fixing a leaking toilet. Put food colouring in your toilet tank. If it seeps into the toilet bowl without flushing, you have a leak.

### DID YOU KNOW?

Copper piping, which is the #1 material used for plumbing work in today's world, is the same material that the Egyptians used to lay their own pipe—some 3000 years ago!

## SPECIAL OFFER

SAVE  
**\$48.00**

off a TPR Valve replacement

Ph: 0411 774 381

Offer expires 31/08/13

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