



# P2P

## PUMPING TO PERFECTION



GENERAL PUMP COMPANY  
SINCE 1975

# ARE YOU PREPARED?

- Are you, your family, friends, neighbours and clients prepared for bushfires?
- Do you have the necessary fire fighting pumps, hoses and tanks?
- Do you have enough water pressure? Need fire hydrant booster pumps?

The NSW Rural Fire Brigade have issued a release predicting that the bush fire season will start earlier in a number of areas this year:

[www.rfs.nsw.gov.au/news-and-media/general-news/season-outlook-2014-15](http://www.rfs.nsw.gov.au/news-and-media/general-news/season-outlook-2014-15)

With forecasts of a drier November, the chances of dangerous and deadly bushfires are high.

General Pump Company stocks a wide range of fire fighting pumps, hoses, nozzles and kits to help you be prepared. Remember, if you fail to plan, your plan will fail.

**Start preparing today! Call 1300 662 787 to organise your fire pump kit.**



**Hello & Welcome to the November/December edition of P2P!**

General Pump Company is making a smart move! Due to the company's significant growth, we are now relocating to premises twice the size. The relocation will take place between 21/12/2014 and 4/01/2015. We will be operational in our new premises on January 5, 2015.

Be sure to update all your records with our new address details (see page 2). Our phone numbers, fax numbers and email addresses, etc. will all remain the same.

The larger facility will enable us to serve you even better. The additional space will offer:

- better access
- more efficient production
- increased stock levels.

While a lot of effort is being directed at the relocation, we remain at your disposal.

**Call the pump experts today for all your pumping requirements...**

**T:1300 662 787**



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**IS MOVING! SEE PAGE 3**

# PRODUCT FOCUS

Is your hot water pump system covered? Failure of pumps resulting from exposure to weather are not covered under warranty...

CONTACT  
US TODAY  
WITH YOUR  
SPECS!



Installation of dual hot water pump systems, mounted inside a weather resistant enclosure is your answer for ensuring your system is protected from the elements and remains covered by warranty.

General Pump Company's enclosure mounted, dual pump, hot water circulator systems couldn't be any easier to install. These quality, packaged units include:

- Complete with pipework and valves
- Each unit is fully water tested prior to dispatch
- Interconnecting electrical wiring between controller and pumps – an electrician is not required.
- Fully mounted within the IP56 rated, weather resistant enclosure – powder coated steel or stainless steel.
- Enclosures can be fitted with keyed locks for added security.
- Quick delivery – large stocks.

★ Typical enclosure mounted system shown. Items may vary depending on the specifications required.



# GPC IS MOVING!

## UPDATE YOUR RECORDS NOW

As of January 5, 2015 – General Pump Co will be operating at...

**New Address: 22-24 Sommerville Circuit, Emu Plains NSW 2750**

**New PO Box: PO Box 314, Emu Plains NSW 2750**

Phone, Fax & Email  
remain the same:

P: (02) 4731 3940

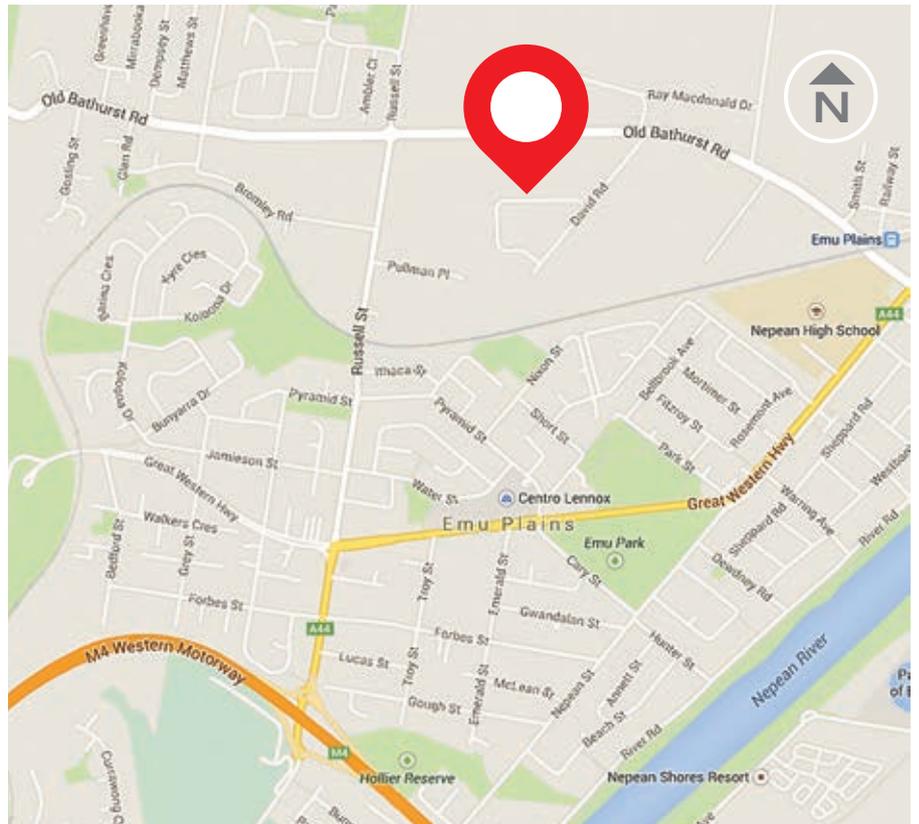
F: (02) 4731 3366

E: [sales@generalpumps.com.au](mailto:sales@generalpumps.com.au)

W: [www.generalpumps.com.au](http://www.generalpumps.com.au)

## Directions from M4

1. Take the Russell St, Emu Plains exit and continue north along Russell Street
2. Take the third exit at the first roundabout (right) on to Old Bathurst Road,
3. Continue along Old Bathurst Road and turn first right into David Road
4. Turn first right into Sommerville Circuit and look for No. 22-24.



# Q&A: What is a thermal overload? Do pumps with electric motors require a thermal overload?

A typical thermal overload



After jamming a sewage pump, this rag was removed, the thermal overload was reset and the pump operated normally again.

## Q: What is a thermal overload?

**A:** A thermal overload is a protective device that prevents a motor from drawing more electrical current (amps) than it should, consequently protecting the electrical motor from burning out when jammed, etc.

## Q: How does a thermal overload work?

**A:** The thermal overload attaches to an electrical contractor and measures the amount of electrical current (amps) that the electric motor is drawing. On every thermal

overload there a small dial in which you can set the maximum amount of electrical current that the motor should draw without damaging the motor. The maximum amount of amps a motor should draw is referred to as the 'Full Load Amps'. The full load amps is usually indicated on the data plate of the motor. If the motor draws more amps than the full load amp setting on the overload dial, the thermal overload will cut power to the motor and prevent it from damaging the motor.

## Q: Is a thermal overload beneficial for a pump motor?

**A:** Yes, where possible it is suggested to use thermal overloads to protect the electric motor on a pump. Sometimes pumps can jam, especially in sewage applications, and without an overload the motor can burn out. It is cheaper to install a thermal overload than to purchase a new replacement pump!

## Q: Will the overload automatically reset?

**A:** It is important to note that there are two options on the overload: You can choose to

have the overload reset either automatically or manually. We strongly suggest it is manually reset so that the reason for the overload tripping is investigated before the pump is used again. If it automatically resets and the pump is jammed, it will eventually burn the pump out.



Controls like the small blue dial above should be on manual reset.



Rotate the yellow dial to match the full load amps of the motor.

## IMPORTANT NOTE

The Australian Standard AS 3000 for electrical wiring states that ALL motors 2.2kW and above must have a contactor overload.

### Quote of the Month:

"If you act positively, you will become positive."



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