P2P

GPC 40TH ANNIVERSARY 40 1975-2015

General Pump Company SINCE 1975

PUMPING TO PERFECTION **Issue 11**

Waiting for Hot Water?

Don't waste water, time and money... install an Ultraflow circulator! Phone 1300 662 787

- Made in Europe
- 2 Year Warranty
- Robust and reliable
- Competitive pricing.
- Available with ½", ¾", 1", 1¼" connections
- High efficiency models
- ALL MODELS FITTED WITH 240V LEAD & PLUG
- Dual pump units with time clock controls
- Huge stocks

We have relocated! More stock, more space, fast delivery...

General Pump Company's relocation to larger premises in Emu Plains is proving extremely beneficial – more capacity for more stock and more space for unit manufacturing, ensuring fast deliveries to clients.
Office & Factory: 22-24 Sommerville Cct, Emu Plains NSW 2750

See over for

Ultraflow Horizontal Multistage Boosters

Ultraflow Horizontal Multistage Boosters

Need a cost-effective pressure boosting solution?

Ultraflow UHMS pressure booster units include

- High quality horizontal multistage pumpsets – all stainless steel wetted parts. Made In Europe
- Reliable, highly efficient variable speed drives – tried and proven across the globe. Made In Europe
- Stainless steel manifolds, brass or stainless steel valves
- Controllers manufactured in-house
- Systems assembled, programmed, wet tested and packaged in our Emu Plains factory
- Importantly, they are built, supported and serviced by qualified technicians with over 40 years of experience in the pump industry
- Available in single, dual, triplex and quad pump combinations

• Compact • Competitive
• Reliable • Efficient • Robust

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Phone 1300 662 787 E: sales@generalpumps.com.au

CASE STUDY

Pumping seawater?

General Pump Company has the solution... the 'ULTRAFLOW' range of 316 grade stainless steel submersible pumps

Recently, General Pump Company was contacted by a long time distributor who required a pump solution for the large waterfall at Ephraim Island. The waterfall is 30 metres wide and has sea water cascading over four tiers.

The existing pump was a surface mounted centrifugal pump coupled to a 22.0kW electric motor. This pump system had been one continuing 'nightmare' with constant priming problems, corrosion, cavitation, blockages to the closed impeller, etc. Being seawater, General Pump Company offered the 'ULTRAFLOW' UMCNSS5500/100/3 – a 316 stainless steel submersible pump with a 5.5kW, 415 volt electric motor.

By using a submersible pump, priming issues would be eliminated and the single channel impeller with a cutting blade would minimize any possibility of blockages. The client accepted the offer and the pump has been supplied and installed in conjunction with a timeclock controller which will operate the pump for 12 hours per day, 7 days per week. The pump is performing at approximately 1400 litres per minute achieving the desired effect across the 30 metre waterfall. Energy consumption & costs have been dramatically reduced by a massive 75%. Another very satisfied client… another successful solution from the experience team at General Pump Company.

We simply know pumps better…

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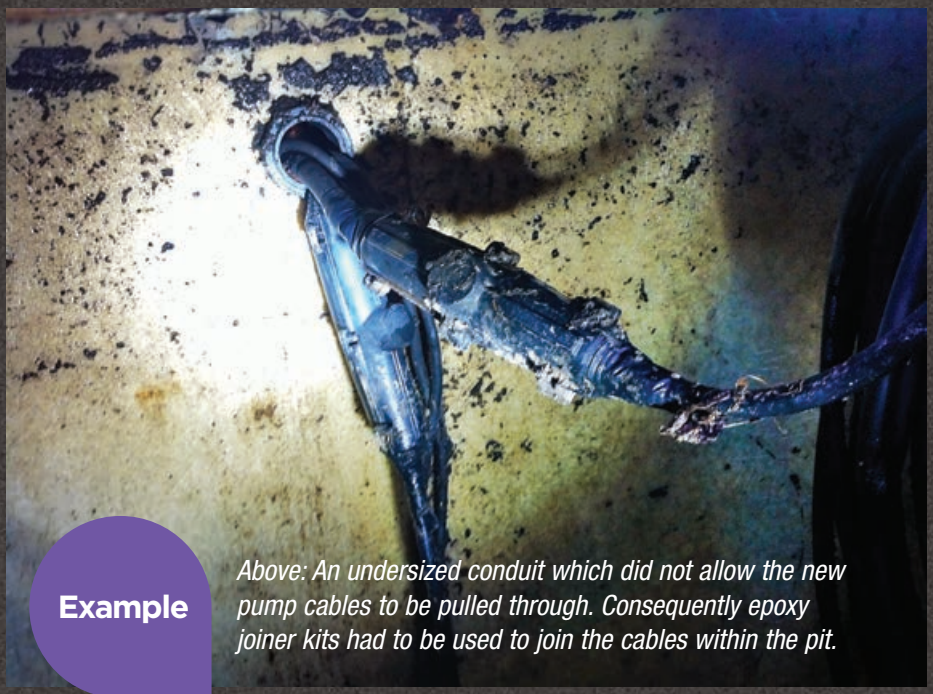
GOOD TIPS & ADVICE

Does conduit size matter?

Absolutely! There is nothing more frustrating than arriving at a new pump installation to find that the conduits have been installed, and many times concreted over, and they are too small to fit the pump and float switch cables through.



Example

Above: An undersized conduit which did not allow the new pump cables to be pulled through. Consequently epoxy joiner kits had to be used to join the cables within the pit.

Perhaps, more frustrating, is when a serviceperson needs to remove pumps or replace float switches in an existing installation and the cables are so tightly packed inside the conduit that they will not slide – this results in the service person having to cut the cables inside the pit or pumpwell and then fit an epoxy filled submersible cable joint to join the old cable with the new. The joints are time consuming to fit and an added cost. Having to fit them inside pump stations raises health and safety issues, confined space requirements, etc. Tight conduit elbows will also jam cables preventing them from sliding in the conduit.

Be generous with the sizing and selection of conduit diameters – don't hesitate to upsize or install additional conduits.

PLEASE contact us to confirm the number of pump and float switch cables, and the cable size, and we will be only too glad to provide you with the recommended conduit diameter required for your installation. PLEASE ensure that long sweeping bends are used instead of tight 90° elbows. This will ensure that cables can be pulled through conduits easily… saving time… saving money… saving 'nightmares'!

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