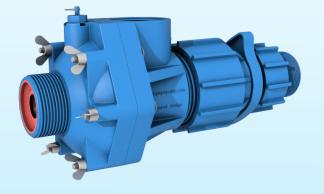
Technology

Utilising new materials and patented 'venturi valve' technologies, PAPA is able to deliver new products which are more compact, lighter and user friendly whilst maintaining and improving both efficiency and longevity.

> High strength reinforced composite material



PAPA is continually developing a range of ancillary items which are designed to enhance the scope and operational ability of our pumping systems.

Example:

Seradisc filter screen: Robust and adjustable filter screen to maximise service intervals.



The PAPA pump uses unique Latigloss composite material which is approved for drinking water applications by the following certification bodies.





Application Examples



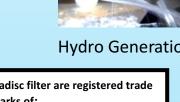


Humanitarian



Aquaculture





Hydro Generation





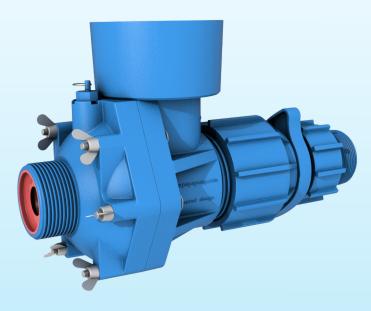
Papa Pomp

Irrigation

Flood Control

Livestock Erosion

Your Long Term Water Solution!



Pump, store and utilise water from your natural flowing river, stream or spring source without the requirement for fuel or electricity!

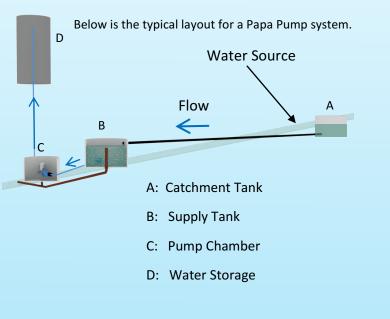
www.waterpoweredtechnologies.com

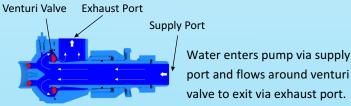


History

Water powered pumping traditionally goes back 1000's of years where it was used primarily for low head irrigation. More recently from the late 1700's **hydraulic ram pumps** were developed as an efficient and effective means of transporting water over long distances and great heights where they have been utilised to provide water in most parts of the world prior to the advent of '**previously inexpensive'** mains water and electricity supplies. The Papa Pump represents a modern, smaller, lighter and more effective alternative.

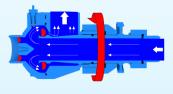
How It Works





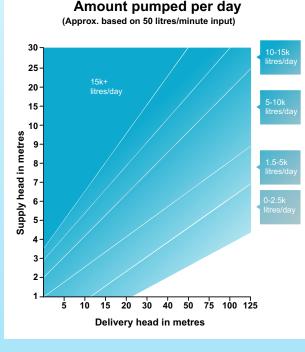
delivery non-return port Valve As flow increases around the valve, a differential pressure causes it to close. The water is then directed through the non-return valve and into the delivery port at high pressure. This pressure

suddenly reduces causing the venturi valve to re-open and the cycle to repeat.



Turning the adjuster allows flow through and from the pump to be regulated.

The Papa Pump is capable of transporting water to high heads and distances, delivering up to 16000 litres per day from your stream, river or spring using **'only the energy of the flowing water'**.



PAPA Pump Kit

All inclusive kit ready to install, complete with manual and technical information.



Water Powered Technologies Ltd reserves the right to change kit contents at any time. T&Cs apply