

Salvator Max

Utilising wasted energy in the home



Salvator Max Overview

For further information about this product, including investment opportunities, partnerships, supply and distribution please get in touch:

Hydro-Electric electricity generation is a technology that was developed in the 19th Century and takes advantage of moving flows of water to mechanically turn a dynamo which in turn makes electricity.

The earliest known form of water wheels which exploited water to create useful energy were developed in Greece around 400 BC and by 100 BC the Romans had begun to exploit water to drive machinery.

Consequently the idea is tried and tested so can be easily understood by end users.

The system offers the user payback of the initial capital and labour investment in 12 months.

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Possible Applications

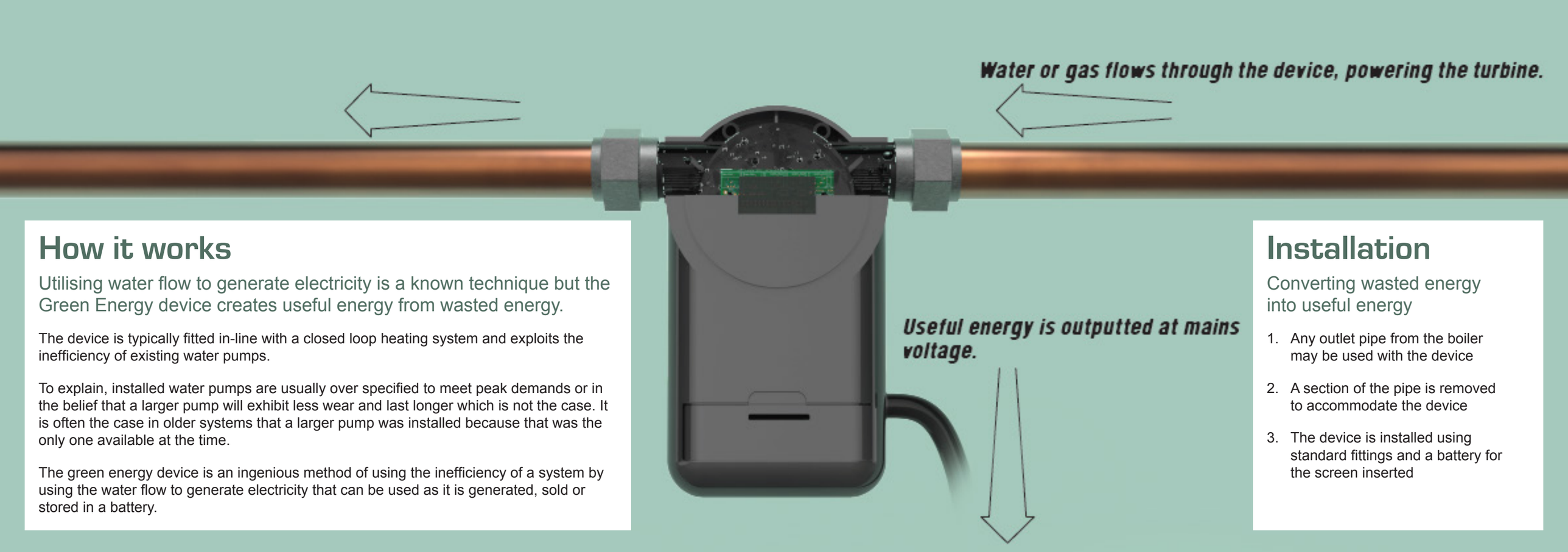
With the rapid development of LED lighting, the energy created by the system can make a useful contribution to a domestic system

For example it could be used to usefully power kitchen or living room LED lighting systems and the device lends itself to that application.

The device has the advantage of being retrofitted to existing water systems so has a huge potential market and can be used to exploit the inefficiencies of other systems such as:

- swimming pool systems
- pond aeriation systems
- open systems using pumps

The system could be used on water supply or drainage systems but this flow is erratic and consequently the benefit and potential payback would not be as great or calculable as a system with a guaranteed utilisation.



How it works

Utilising water flow to generate electricity is a known technique but the Green Energy device creates useful energy from wasted energy.

The device is typically fitted in-line with a closed loop heating system and exploits the inefficiency of existing water pumps.

To explain, installed water pumps are usually over specified to meet peak demands or in the belief that a larger pump will exhibit less wear and last longer which is not the case. It is often the case in older systems that a larger pump was installed because that was the only one available at the time.

The green energy device is an ingenious method of using the inefficiency of a system by using the water flow to generate electricity that can be used as it is generated, sold or stored in a battery.

Installation

Converting wasted energy into useful energy

1. Any outlet pipe from the boiler may be used with the device
2. A section of the pipe is removed to accommodate the device
3. The device is installed using standard fittings and a battery for the screen inserted

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Patents Pending
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