



Rainwater harvesting
The complete system

NEW PRODUCT!
Reduces CO₂ emissions!

ZETA 02 PUMP controller

- Suitable for use with all standard pumps
- Reduces CO₂ emissions by up to 97%
- Reduces energy consumption by up to 132 kWh/year
- Cuts energy costs
- Electronic control circuit can be retro-fitted to all series SA06 pump controllers
- The pump controller starts the pump automatically to meet water demand
- German utility model 2020 13011 190.9



**... use WISY technology
to cut CO₂ emissions"**

WISY AG develops energy-efficient pump controller.

WISY AG based in Kefenrod Germany has developed a new pump controller for controlling pumps, pressure booster systems, domestic pressure boosting and rainwater units. This innovative product consumes much less power in standby mode than conventional pump controllers. Its high energy-saving potential also helps to reduce CO₂ emissions.

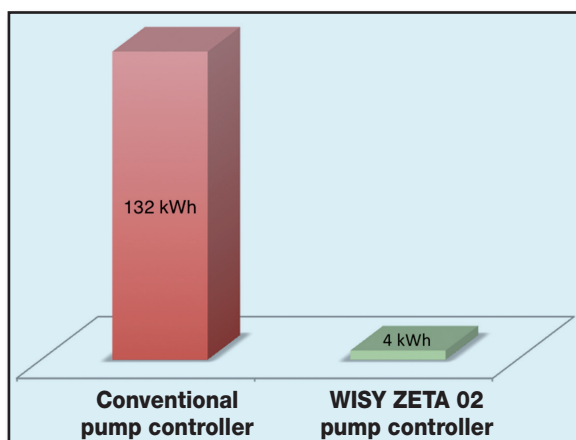
WISY ZETA 02 pump controller

Working in partnership with the Centre for Research and Transfer at the Mittelhessen University of Applied Sciences, WISY AG has succeeded in developing a pump controller for rainwater units which operates much more efficiently than conventional pump controllers. Thanks to its innovative electronic circuitry, the controller consumes only 0.2 watts in standby mode, a significant reduction when compared to other commercially available controllers which draw between 6 and 15 watts from the grid. Products currently available on the market consume power continuously, using as much as 132 kilowatt-hours (kWh) per year in standby mode. The WISY product uses no more than 4 kWh over the same period.

Great for the environment and great for the user – lower CO₂ emissions and lower energy bills!

With this new product, WISY has opted to satisfy the strict new requirements of the Ecodesign Directive drawn up by the European Union which states that the standby power usage of many products used in domestic or office environments must not exceed 0.5 watts. While the exacting standards laid down in this directive do not yet apply to pump controllers, WISY has developed a product which is already compliant!

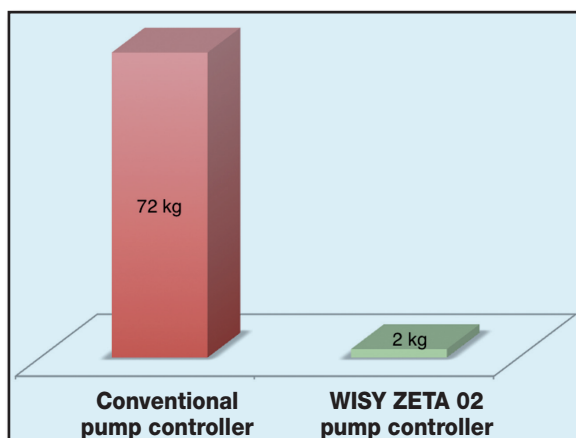
POWER CONSUMPTION per year



The high power usage of conventional pump controllers in standby mode is best illustrated by comparing them to other electrical devices: For example, a modern standard pump controller consumes even more power per year than a large flat-screen television. The financial advantage to users of the new WISY pump controller is obvious - a reduction in power consumption means much cheaper energy bills.

CO₂ EMISSIONS per year

(CO₂ emissions based on mix of fuels used to generate electricity in Germany)



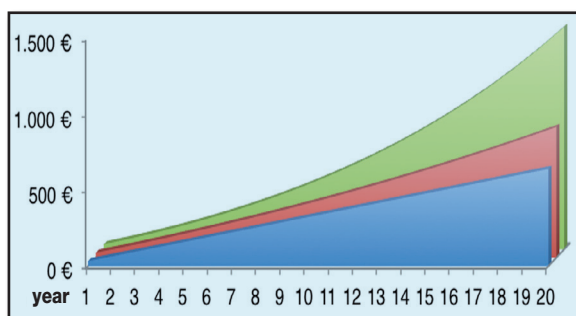
By developing such an energy-efficient product, WISY is also helping to reduce CO₂ emissions by up to 97% compared to those of conventional pump controllers. To express this as a number, WISY's new ZETA 02 pump controller reduces CO₂ emissions by 70 kg per year. Assuming that around 1,000,000 pumps currently in use can be converted to operate on the new pump controller, a potential reduction in CO₂ emissions of 70,000 tonnes per year could be achieved.

Out of love for the environment – choose WISY!

COST SAVINGS over 20 years

(at 0.25 euro cents per kWh)

- Saving with annual price increase of 0%
- Saving with annual price increase of 3%
- Saving with annual price increase of 8%



Technical data:

Voltage:	110 - 240 V
Frequency:	50/60 Hz; single-phase
Power consumption	
Standby mode:	0,2 W
Cut-in pressure:	1,5 bar
Maximum pressure:	10 bar
Flow rate:	160 l/min
Connections:	1" outside thread



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