



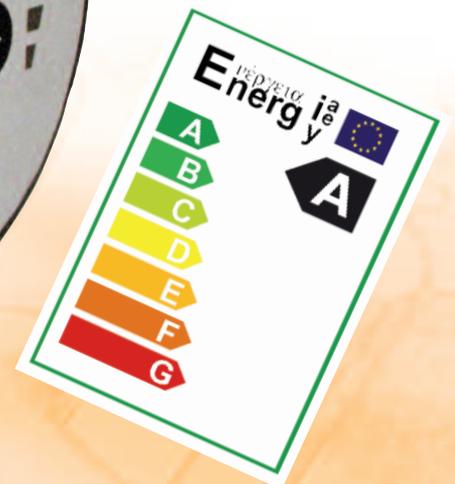
PUMP TECHNOLOGY

Energy Efficiency Pumps

WITA Delta HE



High efficiency





WITA Delta HE

High efficiency

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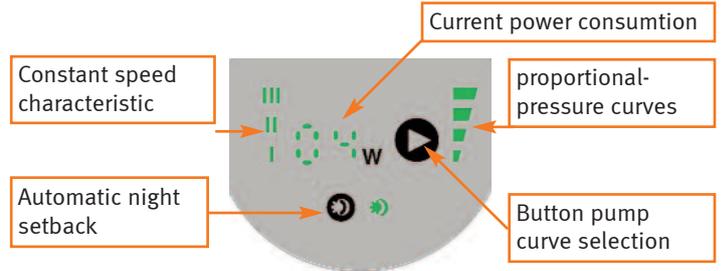
In an average household 10 to 15% of electricity consumption are caused by conventional standard pumps. By developing of the pump series *WITA Delta HE* we have achieved pumps which are classified in energy efficiency class "A". Through the use of *WITA Delta HE* the energy consumption compared to a conventional pump can be reduced to about 80%. The hydraulic power could almost be also equivalent to the standard pumps.

Simply using

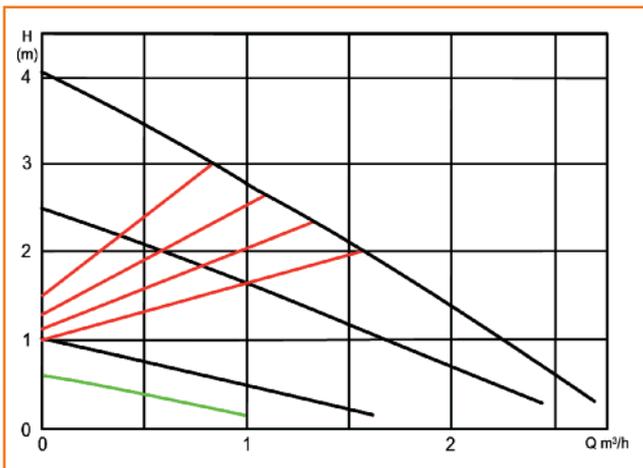
Because of the One Touch Operation seven different performance curves can be selected.

Additional to four characteristics which are working according to the proportional pressurization system is it possible to select three further curves with constant speed characteristics. Due to a switchable night-reduction the power consumption can be additional reduced because of a time-depended reduction of the temperature of the system. The LED display shows the current power consumption, the selected characteristic as well as the night-reduction.

Elements on the control panel



Curve **WITA Delta HE 35**



Curve **WITA Delta HE 55**



Technical data

WITA Delta HE	35	55
Maximum head	4,0 m	6,0 m
Maximum flow	2600 l/h	3200 l/h
Power P1 (W)	3 - 23	3 - 38
Power supply	1x230 V 50Hz	
Motor protection	no external motor protection required	
Protection class	IP 42	
Temperature class	F	
Operating temperature	0°C to +40°C	
Fluid temperature	+5°C to +110°C	
Temperature Class	TF 110	
Maximum system pressure	10 bar	
Connection sizes	DN 15, DN 20, DN 25, DN 32	
Installation lengths	110, 130, 180 mm	
Weight	approximately 2,46 kg	

Characteristics of Delta HE

- ◆ Permanent magnet rotor
- ◆ up to 80% energy savings
- ◆ Blocking-Engine
- ◆ Using high quality materials
- ◆ Adjusting the pump power at the actual needs of the plant
- ◆ proportional pressurization system
- ◆ switchable night setback