



H₂Optimizer

DRINKING WATER UNITS * DWU-SERIES

LEADING IN WATER QUALITY, WATER HYGIENE AND WATER SAFETY



 *H₂Optimizer*

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IF WATER QUALITY, WATER HYGIENE AND WATER SAFETY ARE ABSOLUTE PRIORITY...

Then you have come to the right place at **H2Optimizer**, for both certainty and customized solutions. Systems composed with sustainable components from manufacturers whose innovative approach, and ditto patents, have secured a strong position in the field of water purification technology. Together with these partners, H2Optimizer is able to help you solve your water quality problems. We supply from small systems for private homes to larger units and installations for the real estate market (multi-company buildings), healthcare institutions, industry and maritime applications (shipping, offshore, etc.).

H2Optimizer DWU Series Water Purification Units

We have introduced a compact all-round drinking water treatment module especially for shipping and for drinking water facilities in temporary or permanent accommodations at construction sites or at outdoor events.

With its own electrically driven pump with frequency controller, this unit supplies pressurized drinking water according to the delivery-on-demand principle.

It can be used permanently in permanent installation on board ships and offshore installations. In addition, another use option is the temporary and mobile deployment for a safe drinking water supply at, for example, outdoor events or a drinking water supply in temporary accommodations of, for example, contractors at new construction sites.

Features **DWU-series** basic module:

- 50-micron self-flushing pre-filter (Delta Victor)
- Self-priming pump 3x230V
- Provides pressurized water
- Filters standard >5 micron
- Aqualen™ filter technology
- Removes sediment
- Removes heavy metals
- Removes chemicals
- Removes radioactive substances (eg contrast medium from medical research)
- Anti-bacterial filter
- UV-C water sterilizer
- Low water/salt consumption with softener regeneration
- Maintenance friendly
- Easy operation

Optional available:

- EWO water vitalizer

Features: **DWU** type **PF25SU40**

- Electrical system: AC230V/50Hz
- Enclosure: IP55
- Frequently controlled e-pump
- Water flow, std.: 25 ltr/min
- Head max. 40 mwc
- Water pressure: 4 bar
- Water filter: Aquaphor Viking Maxi
- Filtercartridge: B520-13
- Max. water temperature: 40° Cel
- Regeneration time: 12-15 min
- Water flow regeneration: 18 ltr
- Salt for regeneration: 0,3 kgs
- Grey water tank content: 105 ltr
- UV-C lamp: 40W High Output
- Water tubes: polyethylene tube (anti-biofilm Speedpex tube)
- Fittings: messing
- Connections: ¾" BSP
- Dimensions:
- W x D x H = 1360 x 700 x 830 mm
- Weight, empty: approx. 96 kgs