

LanghBW Systems

LanghBW300

LanghBW600

LanghBW900

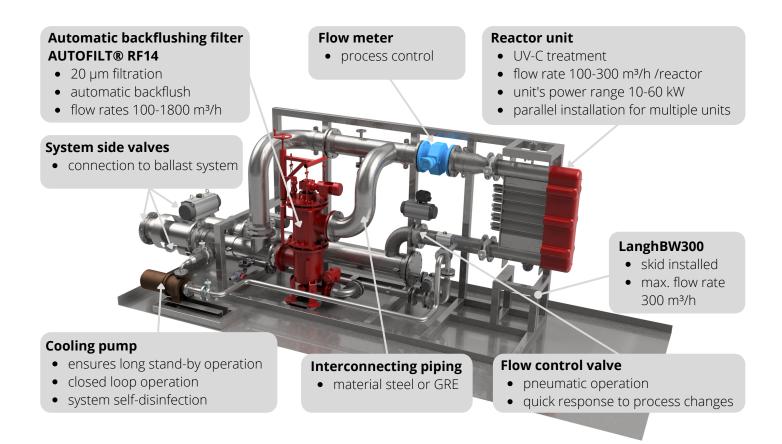
LanghBW1200

LanghBW1500

LanghBW1800

Ballast Water Management System for ballasting rates from 100 m³/h to 1800 m³/h

Fine filtration + UV-C treatment



Technical specification

- 20 µm filtration and high intensity UV-C irradiation
- flow rates 100-1800 m³/h
- max. power consumption: 22 kW/100 m³/h
- normal power consumption:

11 kW/100 m³/h

- full flow rate operation in water with UVT value down to 56%
- capable of treating min. 30% of total flow in **UVT down to 45%**
- no discharge hold time (IMO)
- marine, brackish and fresh water
- IMO and USCG approval*

*approvals pending, estimated time for type approval early 2022

Benefits of LanghBW

- high efficient and adaptive system
- low pressure loss over the system
- minimum operation restrictions
- low operation costs
- easy and straightforward user interface
- simple maintenance
- long service intervals
- robust design and high grade materials
- from mariner to mariner:
 - optimized for onboard use
 - affordable cost structure through system's lifespan
 - time preserving operation
 - can be used to increase ballasting capacity

System installation

- **easy installation** in retrofits and new buildings
- flexible installation options:
 - framed units
 - separate component installation
 - tailored design
- **compact design** small footprint and low installation height
- LanghBW600 reference dimensions:

L: 2600 mm

W: 1200 mm

H: 1700 mm

- easy integration to vessel's automation system
- installation during on-hire, no dry docking required

For more details, please visit our website at **www.langhtech.com** and feel free to request a quotation or ask for more information

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