

## HYDROZON® compact filter systems H30-L - size and power combined

The new high-quality HYDROZON® compact filter systems H30-L produce chlorine-free wellness water in the easiest possible way. They are used in private swimming pools, hotel pools, whirlpools and public swimming baths. The latest technologies and decades of experience with the chlorine-free method have been optimally combined in the new H30 generation of systems. The result is a compact, efficient and visually attractive series of units that impress with their uniqueness on the market. You can look forward to a reliable and easy-to-use system, along with perfect water quality.

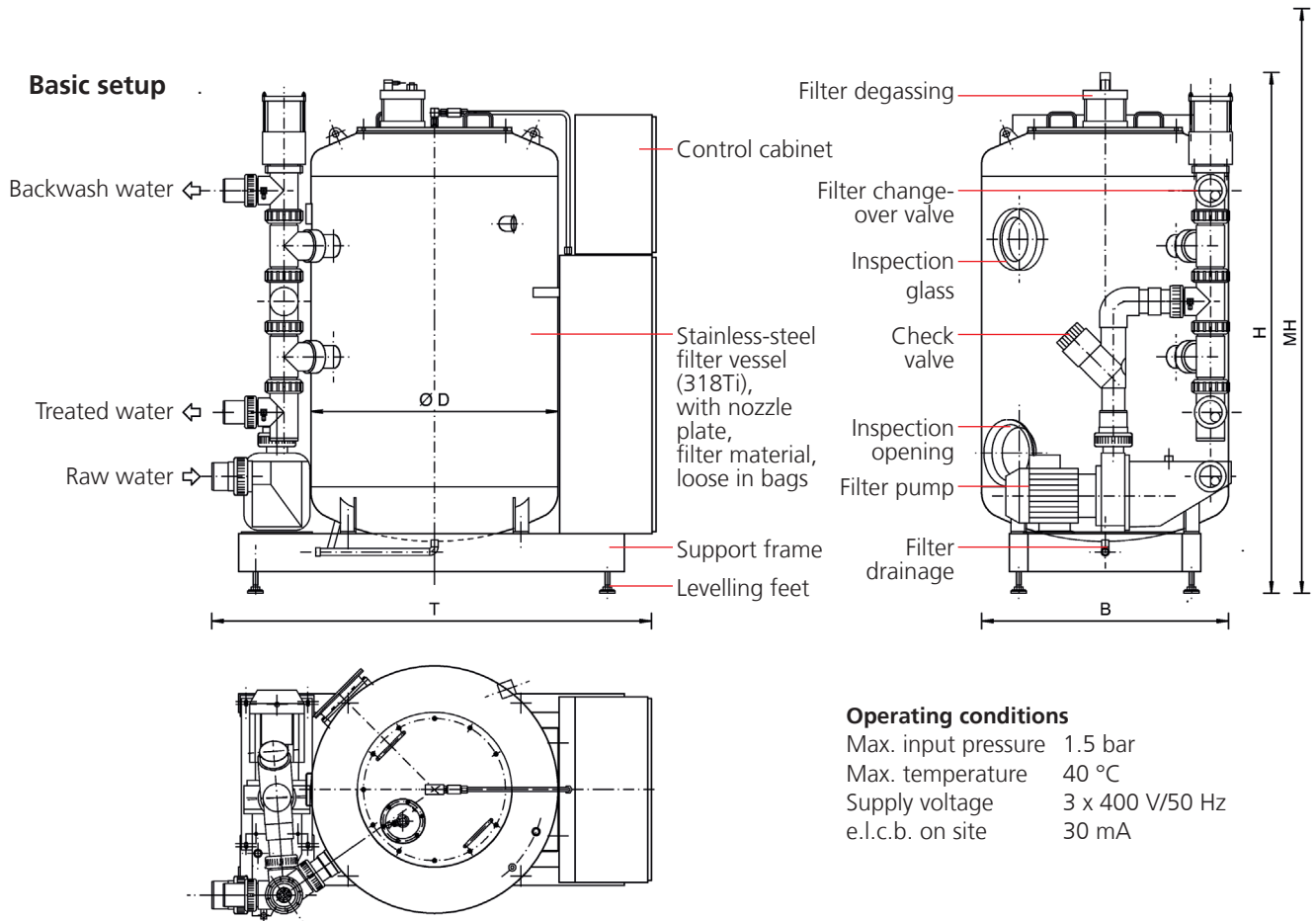
- Design**
- All the necessary operating components are housed together to form a compact, ready-to-connect and CE-tested performance unit that takes up very little space.
  - The system operates fully automatically. All parameters relevant to operation are displayed and adjusted on the touch panel on the front of the system.
  - Oxygen is produced on site from compressed air by means of an oxygen concentrator. The process-related components such as the plasma ozone generator, PLC etc. are housed together in the stainless steel control cabinet. The room air in the service room is monitored by sensors
  - Fully automatic filter and flushing operations are carried out by an energy-efficient filter pump, an optimised Venturi/injection system for efficient ozone mixing and a changeover valve.

- Extensions**
- The systems can be coupled with a higher-level control system or swimming pool control via network or external inputs/outputs
  - Measuring systems:  
pH, temperature, bromine, Redox
  - Dosing systems:  
pH, flocculant, bromide
  - Remote control:  
Additional panel in bathing area,  
Web interface for mobile devices/PC
  - HYDROZON® central control



Type	Treatment capacity [m³/h]	Ozone quantity [g/h]	Power consumption [kW]	Backwash water/Rinse [m³]
H30-L/10	10	to 20	1.40	0.50
H30-L/15	15	to 20	1.80	0.75
H30-L/25	25	to 30	2.90	1.25
H30-L/40	40	to 50	4.20	2.00

Any number of recirculation capacities possible in parallel operation, custom versions upon request.



**Dimensions**

Type	Dimensions (H x B x T) [mm]	Filter diameter (øD) [mm]	Required installation height (MH) [mm]	Connections
H30-L/10	1790 x 750 x 1070	ø 500	approx. 2000	DN 50
H30-L/15	1870 x 750 x 1200	ø 620	approx. 2100	DN 65
H30-L/25	2020 x 800 x 1400	ø 800	approx. 2300	DN 80
H30-L/40*	2200 x 1100 x 1800	ø 1100	approx. 2500	Flange DN 100/125

\* Delivery without support frame, external oxygen supply

**Optional** Brine water-resistant design available on request.



**Consultation/sales services provided exclusively by our specialist premium partners**

**Contact**

