

## HYDROZON® compact filter systems H30-XL - the extra-large power filter

The new, high-quality HYDROZON® compact filter systems H30-L produce chlorine-free wellness water in the easiest possible way. They are intended for hotel swimming pools, treatment and exercise-treatment pools and public indoor and outdoor pools.

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.

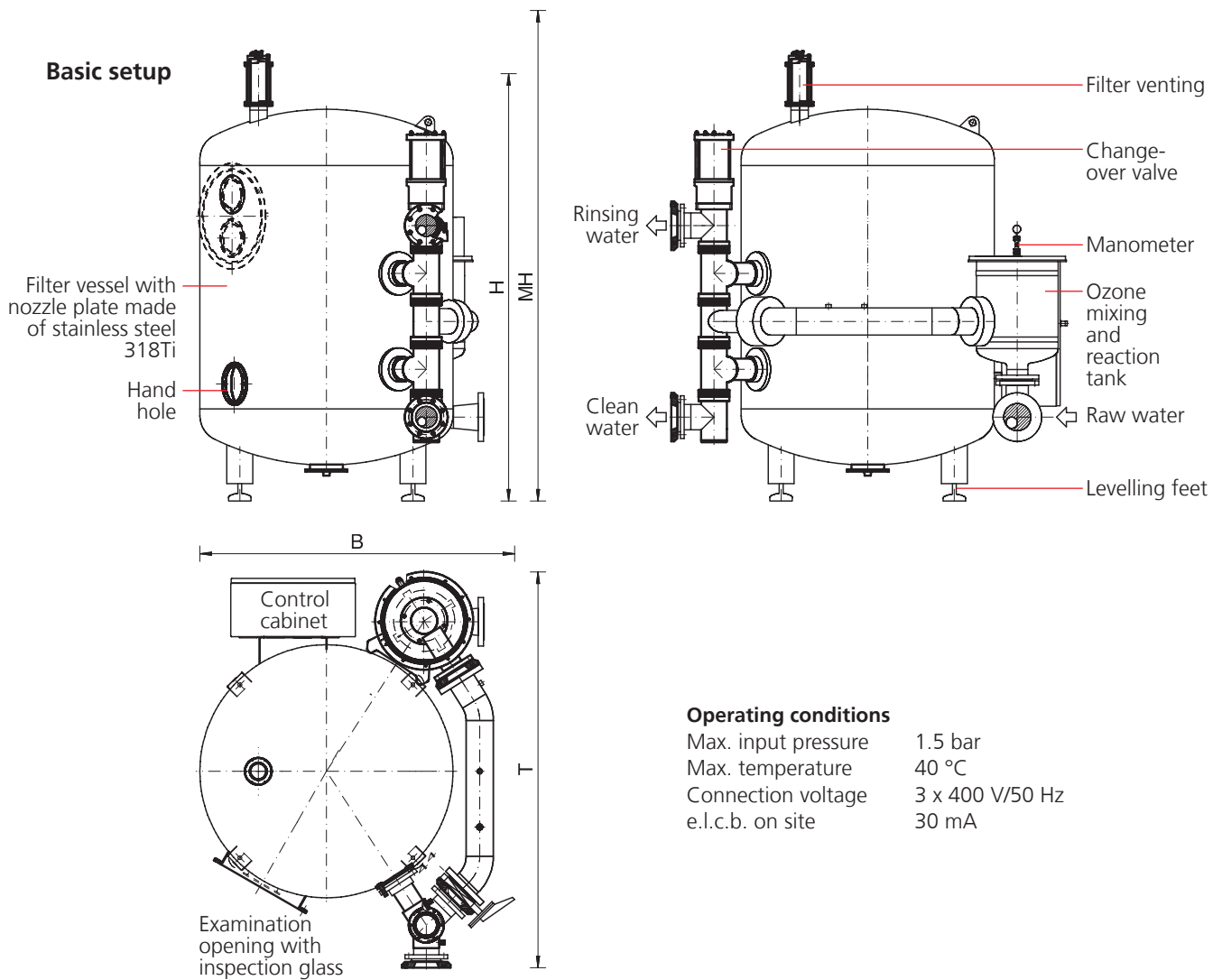
- Design**
- Compact, ready-to-connect, CE-tested performance units that take up very little space.
  - The system operates fully automatically. All parameters relevant to operation are displayed and adjusted on the touch panel on the front of the system.
  - Oxygen is produced on site from compressed air by means of a separate 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 with integrated strainer, 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



Data	Type	Treatment capacity [m³/h]	Ozone quantity [g/h]	Power required [kW]	Backwash water/backwash [m³]
	H30-XL/65	65	to 70	7.00	3.25
	H30-XL/75	75	to 120	8.50	3.75

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



**Operating conditions**

Max. input pressure 1.5 bar  
Max. temperature 40 °C  
Connection voltage 3 x 400 V/50 Hz  
e.l.c.b. on site 30 mA

**Dimensions**

Type	Dimensions (H x B x T) [mm]	Filter diameter (øD) [mm]	required installation height (MH) [mm]	Connections
H30-XL/65*	2200 x 1720 x 2040	ø 1300	approx. 2600	Flange DN 125
H30-XL/75*	2350 x 1630 x 2040	ø 1500	approx. 2750	Flange DN 150

\* External oxygen supply

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



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**Contact**

