




HYDROZON® compact filter systems P30 | H30-L | H30-XL

	P30			H30-L				H30-XL	
	P30/10	P30/15	P30/20	H30-L/10	H30-L/15	H30-L/25	H30-L/40	H30-XL/65	H30-XL/75
									
									
									
Treatment capacity [m³/h]	10	15	20	10	15	25	40	65	75
Max. ozone quantity [g/h]	10	20	30	20	20	30	50	70	120
Power demand [kW]	1.55	1.90	2.40	1.55	1.90	2.90	4.20	7.00	8.50
Backwash water/backwash [m³]	0.50	0.75	1.00	0.50	0.75	1.25	2.00	3.25	3.75
Filter vessel Ø [mm]	500	600	800	500	600	800	1100	1300	1500
Hand hole	○	○	○	●	●	●	●	●	●
Inspection glass	○	○	○	●	●	●	●	○	○
Manhole with 2 inspection glasses	○	○	○	○	○	○	○	●	●
Filter star	●	●	○	○	○	○	○	○	○
Nozzle plate	○	○	●	●	●	●	●	●	●
Support frame	●	●	○	●	●	○	○	○	○
Levelling feet at the filter	○	○	●	○	○	●	●	●	●
Integrated oxygen generation	●	●	●	●	●	●	○	○	○
External oxygen generation	○	○	○	○	○	○	●	●	●
Condensation point indicator	●	●	●	●	●	●	○	○	○
Mass flow controller	○	○	○	○	○	○	●	●	●
Integrated ozone generator	●	●	●	●	●	●	●	●	●
Mixing unit in the filter vessel = inspection opening	●	●	●	●	●	●	●	○	○
Mixing unit at the filter vessel	○	○	○	○	○	○	○	●	●
Integrated circulation pump	●	●	○	●	●	○	○	○	○
External circulation pump	○	○	●	○	○	●	●	●	●
Integrated ozone destructor	●	●	●	●	●	●	○	○	○
External ozone destructor	○	○	○	○	○	○	●	●	●

**For all
system types**

Operating conditions (installation location)	Max. ambient temperature: 28 °C with 60% relative humidity
	Max. input pressure: 1.5 bar
	Max. water temperature: 40 °C
	Max. chloride ion content in the water: 400 mg/l
	Connection voltage: 3 x 400 V / 50 Hz
	e.l.c.b. on site: 30mA
Included in the scope of delivery	Flow monitoring
	Pressure monitoring
	Room air monitoring for ozone
	Temperature monitoring for control cabinet
	Monitoring of units
	Data recording, messages and measured values
	Basic interface for control via external control signals
	Filter bleeding
Optional	Interface for web access on mobile terminal devices/PC
	Extended interface for control via external control signals
	Measuring systems: pH, temperature, bromine, Redox, bromide
	Dosing systems: pH, flocculant, bromide
	HYDROZON® central control unit
	Control-related integration of external components
	Salt or brine water-resistant version available on request.



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