

TAP8x4 system

The TAP8x4 system consists of four TAP8 modules connected in parallel, a fluid distribution system and an automation unit.



Specifications:

TAP8 module	
Power consumption	1kW at 100% utilization (Dimming to 50% power consumption possible depending on flow)
Lamp lifetime	16,000h
Number of lamps	4 lamps (220W each)
Capacity	Minimum 400J/m ² at 12m ³ /h
Electrical requirements	10 A, 230V + N + PE at 50Hz
Connection size	DN50, specifications to be decided
CIP compatible	Designed to sustain CIP liquid at 4 BarG and 85C
UV-unit Material	Stainless steel 316/304 and food grade FEP, gaskets fda EPDM and Viton
Cabinet Specifications	Passive cooling, IP54 Stainless steel 304
Cabinet Dimensions	H600, W400, D210mm
Automation interface	4.3" graphic multicolor touch screen
Sensors	UV sensor to monitor performance and multiple temperature sensors to protect cabinet and UV unit
I/O	Input: <ul style="list-style-type: none"> - Remote on/off Output: <ul style="list-style-type: none"> - "Stand by" (when the system is ready, and no alarms are active) - "ON" (as soon as the lamps are turned on) - "running" (after a 2 min. startup period, when the system is ready to process water) - "Alarm" (If a lamp stops functioning, sensor-value remains below expected level for more than 30 seconds or if the temperature exceeds operating limit. The system will not turn off unless there is a risk of melting components. The system will still be able to deliver 400J/m³ with only 3 lamps functioning at maximum flow) - "Service required" (when lamp or sensor lifetime is close to being exceeded) - 4-20mA output of UV sensor value

Capacity at varying UVT per TAP8 Module:

