

# Technical data sheet

## TopClean M

Type: M2

Execution for: Oman

### Chemo-thermal disinfection

3-phase current: 3N PE 400V 50Hz

Water connection: Cold water

GiO MODULE (plinth, 120 mm)



Sample illustration

## Technical data

<b>Rack capacity/h (theoretical)</b>	10 / 6 / 5 racks/h
<b>Programme cycle time *</b>	360 / 540 / 720 s (3rd programme running time with change of water)
<b>Rack dimension</b>	500 x 500 mm to 540 x 500 mm
<b>Entry height</b>	420 mm
<b>Dimensions (W x Hmin x D)</b>	600 x 1340 x 600 mm
<b>Electrical feeding cable</b>	3-phase current 3N PE 400V 50Hz* nominal capacity: 12.4 kW nominal current: 19.6 A
<b>Local fuse protection</b>	25 A
<b>Protection class of the machine</b>	IP X5
<b>Equipment</b>	MIKE 2 control Infrared interface for wireless communication Leakage detector Soft start Boiler safety device Drain pump Automatic self-cleaning when tank is drained Back wall cladding Automatic door lock Compressed air connection for specially cleaned and de-oiled breathable air to EN 12021, 2-5 bar Integrated reverse osmosis (with connection and discharge set) connecting kit 1,6 m Integrated cupboard 400 mm Integrated cupboard, right hinged door
<b>Fresh water line</b>	For reverse osmosis: connecting set with stop valve, Pressure regulator, filter 10 µm with activated carbon Internal: air gap 'AA' in accordance with EN 1717 with booster pump
<b>Fresh water supply</b>	Minimum flow pressure 100 kPa / 1.0 bar in front of solenoid valve Maximum pressure 500 kPa / 5.0 bar in front of pressure reducer

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<b>Flow rate</b>	total 4.3 l/min (at 15 °C inlet temperature and a flow pressure of 200 kPa / 2 bar) Permeate 2.0 l/min Concentrate 2.3 l/min
<b>Fresh water thresholds for GiO MODULE</b>	Temperature cold water min. 1 °C to max. 35 °C electrical conductivity < 1000 µS/cm Total hardness max. 28 / 5 mmol/l CaCO <sub>3</sub> Free of particles > 10 µm Iron < 0.10 mg/l Manganese < 0.04 mg/l Chlorine < 0.10 mg/l (free chlorine) Potassium permanganate < 10 mg/l Silicic acid < 10 mg/l
<b>Final rinse water quantity</b>	4.2 liters/cycle, variable
<b>Boiler</b>	Temperature: 50 °C Contents: 7.0 l
<b>Wash tank</b>	Filling: 11.0 l Temperature: 60 °C
<b>Dosing of rinse aid</b>	Hose pump (24 V) with time control and suction lance with empty level monitoring
<b>Detergent dosage</b>	Hose pump (24 V) with time control and suction lance with empty level monitoring
<b>Material</b>	Cladding: 1.4301 Wash tank: 1.4301 Boiler: 1.4404
<b>Heat emission</b>	for 6 programme cycles/h total: 0.6 kW perceptible: 0.4 kW latent: 0.2 kW
<b>Ventilation flow rate</b>	160 m <sup>3</sup> /h
<b>Steam emission</b>	0.3 kg/h
<b>Emission sound pressure level at the workplace (LpA)</b>	65 dB
<b>Net / gross weight</b>	102.5 kg / 118.5 kg (standard packaging)
<b>Packaging dimensions (W x H x D)</b>	700 x 1440 x 700 mm (standard packaging)

## \*Note:

Electrical equipment suitable for supply voltage:  
3N PE 400 V 50 HZ (3N PE 380-415 V 50 Hz)