

Technical Information

M-iClean US

Execution for: Great Britain

Glasswasher

Alternating current: 1N PE 230V 50Hz

Fresh water line: Cold water

GiO MODULE (separate)



Sample illustration

Technical data

Rack capacity/h (theoretical)	20 / 20 / 15 racks/h
Programme cycle time	180 / 180 / 240 s
Rack dimension	400 x 400 mm
Entry height	315 mm
Dimensions (W x Hmin x D)	460 x 700 x 600 mm
Electrical feeding cable	Alternating current: 1N PE 230V 50Hz Total connected load: 4.9 kW max. rated current: 24.4 A
Local fuse protection	25 A
Protection class of the machine	IP X5
Equipment	Control system MIKE CPU4 Bluetooth interface for wireless communication Leakage detector Boiler safety device Automatic self-cleaning when tank is drained Integrated reverse osmosis (with connection and discharge set) Chlorine-resistant membrane (> 0,1 mg/l bis 2,0 mg/l)
Fresh water line	For reverse osmosis: connecting set with stop valve, Pressure regulator, filter 10 µm with activated carbon Internal: air gap 'AB' in accordance with EN 1717 with booster pump
Fresh water supply	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 Max. supply water temperature 35 °C
Flow rate	total 5.5 l/min (at 15 °C inlet temperature and a flow pressure of 200 kPa / 2 bar) Concentrate 3.5 l/min

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Fresh water thresholds	Temperature cold water min. 1 °C to max. 35 °C electrical conductivity < 1000 µS/cm Total hardness max. 28 dH / 5 mmol/l CaCO ₃ 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
Final rinse water quantity	1.9 liters/cycle, variable
Boiler	Contents: 7.0 l Temperature: 65 °C Tank / boiler locked
Wash tank	Filling: 7.5 l Temperature: 60 °C
Wash pump, with frequency converter	Performance: 0.50 kW
Dosing of rinse aid	Hose pump (24 V) with time control and suction lance
Detergent dosage	Hose pump (24 V) with time control and suction lance
Material	Cladding: 1.4301 Wash tank: 1.4301 Boiler: 1.4571
Heat emission	for 20 programme cycles/h total: 1.4 kW perceptible: 1.0 kW latent: 0.4 kW
Ventilation flow rate	340 m ³ /h
Steam emission	0.7 kg/h
Emission sound pressure level at the workplace (LpA)	58 dB
Net / gross weight	79.8 kg / 91.4 kg (standard packaging)
Packaging dimensions (W x H x D)	560 x 900 x 690 mm (standard packaging)