

Technical data sheet

M-iClean UM

Type: M2

Execution for: Australia

Glasswasher

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

Fresh water line: Soft cold water 0-3 °dH

GiO MODULE (plinth, 120 mm) M2



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Sample illustration

Technical data

Rack capacity/h (theoretical)	40 / 30 / 20 racks/h
Programme cycle time	90 / 120 / 180 s
Rack dimension	500 x 500 mm
Entry height	315 mm
Dimensions (W x Hmin x D)	600 x 855 x 600 mm
Electrical feeding cable	3-phase current 3N PE 400V 50Hz* Total connected load: 6.9 kW max. rated current: 15.7 A
Local fuse protection	16 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 (including 10 µm filter with activated carbon) Roller base 35 mm
Fresh water line	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 5.4 l/min (at 15 °C inlet temperature) Permeate 2.0 l/min Concentrate 3.4 l/min

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Fresh water thresholds	Temperature cold water min. 1 °C to max. 35 °C electrical conductivity 70 - 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	2.4 liters/cycle, variable
Boiler	Contents: 7.9 l Heater: 6.00 kW Temperature: 83 °C Tank / boiler locked
Wash tank	Filling: 11.0 l Heater: 2.00 kW 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: 2.1 kW perceptible: 1.4 kW latent: 0.7 kW
Ventilation flow rate	540 m ³ /h
Steam emission	1.0 kg/h
Emission sound pressure level at the workplace (LpA)	60 dB
Net / gross weight	84.3 kg / 98.1 kg (standard packaging)
Packaging dimensions (W x H x D)	700 x 1050 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)
 1N PE 230 V 50 HZ (1N PE 220-240 V 50 Hz)