

Technical Information

M-iClean UM

Execution for: Australia

Glass washer

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

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

GiO-module (separate)



Sample illustration

Technical data

Rack capacity/h (theoretical)	40 / 30 / 20 racks/h
Programme cycle	90 / 120 / 180 s
Rack dimension	500 x 500 mm
Entry height	315 mm
Dimensions (W x Hmin x D)	600 x 700 to 735 x 600 mm
Electrical feeding cable	3-phase current 3N PE 400V 50Hz* Total connected load: 6.8 kW max. rated current: 15.0 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 (with connection and discharge set) Roller base 35 mm
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 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

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Fresh water thresholds	Temperature cold water min. 1 °C to max. 35 °C Conductivity < 1000 µS/cm Total hardness max. 28 dh / 5mmol/l CaCO ₃ Free of particles > 10 µm Iron < 0.10 mg/l Manganese < 0.04 mg/l Chlorine < 0.10 mg/l 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 interlocked
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
Sound level	60 dB(A)
Net / gross weight	88.8 kg / 102.6 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)