

Technical data sheet

M-iClean HM

Type: M2

Execution for: Australia

Dishwashing machine

Working direction: right - left

Working height: 900 mm

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

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

GiO MODULE (integrated) M2



Sample illustration

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Technical data

Rack capacity/h (theoretical)	60 / 40 / 17 racks/h
Programme cycle time	60 / 90 / 210 s
Rack dimension	500 x 500 mm (540 x 500 mm)
Entry height	505 mm
Electrical feeding cable	3-phase current 3N PE 400V 50Hz* Total connected load: 9.2 kW max. rated current: 17.5 A
Local fuse protection	20 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 Drain pump Back wall cladding Automatic hood system Automatic basket detection Integrated reverse osmosis (including 10 µm filter with activated carbon) GiO pre-filter on the right-hand side of the machine
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

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Flow rate	total 6.8 l/min (at 20°C inlet temperature) Permeate 3.0 l/min Concentrate 3.8 l/min
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: 10.5 l Heater: 8.00 kW Temperature: 83 °C Tank / boiler locked
Wash tank	Filling: 22.0 l Heater: 4.00 kW Temperature: 60 °C
Wash pump	Performance: 0.75 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 25 programme cycles/h total: 2.7 kW perceptible: 1.8 kW latent: 0.9 kW
Ventilation flow rate	680 m ³ /h
Steam emission	1.3 kg/h
Emission sound pressure level at the workplace (LpA)	63 dB
Net / gross weight	180.0 kg / 210.0 kg (standard packaging)
Packaging dimensions (W x H x D)	800 x 1950 x 1000 mm (standard packaging)

*Note:

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