

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



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Sample illustration

Technical data

Rack capacity/h (theoretical)	60 / 40 / 17 racks/h
Programme cycle time	60 / 90 / 210 s, plus vapour treatment 30 s
Rack dimension	500 x 500 mm (540 x 500 mm)
Entry height	505 mm
Dimensions (W x Hmin x D)	635 (725) x 2230 x 750 (800) mm (with handles)
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 AirConcept (Exhaust air heat recovery) Heat exchanger (AirConcept) in stainless steel 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

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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 20 °C
Flow rate	total 6.8 l/min (at 15 °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: 1.4 kW perceptible: 1.2 kW latent: 0.2 kW
Ventilation flow rate	330 m³/h
Steam emission	0.26 kg/h
Emission sound pressure level at the workplace (LpA)	63 dB
Net / gross weight	200.0 kg / 230.0 kg (standard packaging)
Packaging dimensions (W x H x D)	800 x 2000 x 1000 mm (standard packaging)

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***Note:**

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