

# Technical data sheet

## M-iClean HL

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

<b>Rack capacity/h (theoretical)</b>	60 / 40 / 17 racks/h
<b>Programme cycle time</b>	60 / 90 / 210 s, plus vapour treatment 30 s
<b>Rack dimension</b>	500 x 500 mm (650 x 500 mm)
<b>Entry height</b>	560 mm
<b>Dimensions (W x Hmin x D)</b>	735 ( 825) x 2285 x 750 (800) mm (with handles)
<b>Electrical feeding cable</b>	3-phase current 3N PE 400V 50Hz* Total connected load: 10.0 kW max. rated current: 16.3 A
<b>Local fuse protection</b>	20 A
<b>Protection class of the machine</b>	IP X5
<b>Equipment</b>	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 Power Wash 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
<b>Fresh water line</b>	Air gap 'AB' in accordance with EN 1717 with booster pump

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<b>Fresh water supply</b>	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
<b>Flow rate</b>	total 6.8 l/min (at 15 °C inlet temperature) Permeate 3.0 l/min Concentrate 3.8 l/min
<b>Fresh water thresholds</b>	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 <sub>3</sub> 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
<b>Final rinse water quantity</b>	3.0 liters/cycle, variable
<b>Boiler</b>	Contents: 10.5 l Heater: 8.00 kW Temperature: 83 °C Tank / boiler locked
<b>Wash tank</b>	Filling: 22.0 l Heater: 4.00 kW Temperature: 60 °C
<b>Wash pump, with frequency converter</b>	Performance: 1.50 kW
<b>Dosing of rinse aid</b>	Hose pump (24 V) with time control and suction lance
<b>Detergent dosage</b>	Hose pump (24 V) with time control and suction lance
<b>Material</b>	Cladding: 1.4301 Wash tank: 1.4301 Boiler: 1.4571
<b>Heat emission</b>	for 25 programme cycles/h total: 1.6 kW perceptible: 1.4 kW latent: 0.2 kW
<b>Ventilation flow rate</b>	410 m <sup>3</sup> /h
<b>Steam emission</b>	0.26 kg/h
<b>Emission sound pressure level at the workplace (LpA)</b>	62 / 64 / 67 dB
<b>Net / gross weight</b>	215.0 kg / 255.0 kg (standard packaging)
<b>Packaging dimensions (W x H x D)</b>	1000 x 2050 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)