

# 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



© MEIKO 2019

Sample illustration

## Technical data

<b>Rack capacity/h (theoretical)</b>	40 / 30 / 20 racks/h
<b>Programme cycle time</b>	90 / 120 / 180 s
<b>Rack dimension</b>	500 x 500 mm
<b>Entry height</b>	315 mm
<b>Dimensions (W x Hmin x D)</b>	600 x 855 x 600 mm
<b>Electrical feeding cable</b>	3-phase current 3N PE 400V 50Hz* Total connected load: 6.9 kW max. rated current: 15.7 A
<b>Local fuse protection</b>	16 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 Integrated reverse osmosis (including 10 µm filter with activated carbon) Roller base 35 mm
<b>Fresh water line</b>	Air gap 'AB' in accordance with EN 1717 with booster pump
<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 35 °C
<b>Flow rate</b>	total 5.4 l/min (at 15 °C inlet temperature) Permeate 2.0 l/min Concentrate 3.4 l/min

# Technical data sheet

<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>	2.4 liters/cycle, variable
<b>Boiler</b>	Contents: 7.9 l Heater: 6.00 kW Temperature: 83 °C Tank / boiler interlocked
<b>Wash tank</b>	Filling: 11.0 l Heater: 2.00 kW Temperature: 60 °C
<b>Wash pump, with frequency converter</b>	Performance: 0.50 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 20 programme cycles/h total: 2.1 kW perceptible: 1.4 kW latent: 0.7 kW
<b>Ventilation flow rate</b>	540 m³/h
<b>Steam emission</b>	1.0 kg/h
<b>Emission sound pressure level at the workplace (LpA)</b>	60 dB
<b>Net / gross weight</b>	84.3 kg / 98.1 kg (standard packaging)
<b>Packaging dimensions (W x H x D)</b>	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)