

Technical data sheet

M-iClean UM+

Type: M2

Execution for: Australia

Dishwashing machine

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

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

GiO-module (separate)



Sample illustration

Technical data

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| Rack capacity/h (theoretical) | 40 / 30 / 15 racks/h |
| Programme cycle time | 90 / 120 / 240 s, plus vapour treatment 120 s |
| Rack dimension | 500 x 500 mm |
| Entry height | 435 mm |
| Dimensions (W x Hmin x D) | 600 x 855 x 600 mm |
| Electrical feeding cable | 3-phase current 3N PE 400V 50Hz* Total connected load: 6.9 kW max. rated current: 15.7 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 ComfortAir (heat recovery) Reverse osmosis (including 10 µm filter with activated carbon) Roller base 35 mm |
| 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 20 °C |
| Flow rate | total 5.4 l/min (at 15 °C inlet temperature) Permeate 2.0 l/min Concentrate 3.4 l/min |

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|---|---|
| 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: 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 15 programme cycles/h total: 0.9 kW perceptible: 0.8 kW latent: 0.1 kW |
| Ventilation flow rate | 260 m ³ /h |
| Steam emission | 0.15 kg/h |
| Emission sound pressure level at the workplace (LpA) | 61 dB |
| Net / gross weight | 101.5 kg / 113.5 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)