

M-iClean HM

Execution for: Great Britain

Dishwasher

Working direction: right - left

Working height: 850 mm

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

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

GiO-module (separate)

Automatic hood opening

Power Wash



Sample illustration

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
Dimensions (W x Hmin x D)	635 (725) x 1520 x 750 (800) mm (with handles)
Electrical feeding cable	3-phase current: 3N PE 400V 50Hz Total connected load: 9.9 kW max. rated current: 16.3 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 Power Wash Automatic hood opening Automatic basket detection Integrated reverse osmosis (separate, with connection and discharge set) Bracket for integrated reverse osmosis unit, right Chlorine-resistant membrane
Fresh water line	For reverse osmosis: connecting set with stop valve, Pressure regulator, filter 10 µm with activated carbon Internal: air gap 'AA' 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
Flow rate	total 7.3 l/min (at 15 °C inlet temperature and a flow pressure of 200 kPa / 2 bar) Permeate 2.8 l/min Concentrate 4.5 l/min
Fresh water thresholds	Temperature cold water min. 1 °C to max. 35 °C Conductivity < 1000 µS/cm Total hardness max. 28 dH / 5mmol/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, with frequency converter	Performance: 1.50 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 25 programme cycles/h total: 2.7 kW perceptible: 1.8 kW latent: 0.9 kW
Ventilation flow rate	680 m³/h
Steam emission	1.3 kg/h