Technical Information



M-iClean HM

Execution for: Great Britain

Dishwasher

Working direction: left - right 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



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: 9.2 kW
	max. rated current: 16.9 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 opening
	Automatic basket detection
	Integrated reverse osmosis (separate, with connection and discharge set)
	Bracket for integrated reverse osmosis unit, left
	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

M-iClean page 1 / 2 MP000200681.1.3 M-iPlan 13/02/2018

Technical Information



RPa / 2 bar) Permeate 2.8 l/min Concentrate 4.5 l/min	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
Permeate 2.8 l/min Concentrate 4.5 l/min	Flow rate	
Temperature cold water min. 1 °C to max. 35 °C Conductivity < 1000 μS/cm Total hardness max. 28 dH / 5mmol/l CaCO3 Free of particles > 10 μm Iron < 0.10 μm Iron < 0.10 μm Iron < 0.10 μm/l Manganese < 0.04 μm/l Chlorine > 0.10 μm/l Manganese < 0.04 μm/l Chlorine > 0.10 μm/l Manganese < 0.04 μm/l Chlorine > 0.10 μm/l Manganese < 0.04 μm/l Manganese < 0.05 μm/l Manganese		•
Conductivity < 1000 µS/cm Total hardness max. 28 dH / 5mmol/l CaCO3 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 Silicic acid < 10 mg/l Silicic acid < 10 mg/l Heater: 8.00 kW Temperature: 83 °C Tank / boiler locked Wash tank Filling: 22.01 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 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		Concentrate 4.5 l/min
Total hardness max. 28 dH / 5mmol/l CaCO3 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 Silicic acid < 10 mg/l Final rinse water quantity 2.4 liters/cycle, variable Contents: 10.5 Heater: 8.00 kW Temperature: 83 °C Tank / boiler locked Wash tank Filling: 22.0 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: 2.7 kW perceptible: 1.8 kW latent: 0.9 kW Ventilation flow rate	Fresh water thresholds	·
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Chlorine > 0.10 mg/l (free chlorine) Potassium permanganate < 10 mg/l Silicic acid < 10 mg/l Silicic acid < 10 mg/l Silicic acid < 10 mg/l Contents: 10.5 I Heater: 8.00 kW Temperature: 83 °C Tank / boiler locked Wash tank Filling: 22.0 I 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 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 Contents: 10 mg/l Free chlorine) Potagilar acid < 10 mg/l Free chlorine) Contents: 10.5 I Heat emission Filling: 22.0 I Heater: 4.00 kW Temperature: 60 °C Cadding: 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		Iron < 0.10 mg/l
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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	Material	Cladding: 1.4301
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Ventilation flow rate 680 m³/h		
Ventilation flow rate 680 m³/h		· · ·
Steam emission 1.3 kg/b	Ventilation flow rate	
	Steam emission	1.3 kg/h