

UPster H 500 with Gio

Hood type dishwashing machine

The MEIKO *Gio* MODULE is the reverse osmosis system for first class water treatment. With a purity of approx. 98 %, it produces almost completely desalinated water. The economic and environment friendly way to perfectly shiny, clean and hygienically clean washware.

The advantages of the MEIKO GiO MODULE at a glance:

- spotless wash and drying result
- valuable time savings:
 - no manual polishing up
 - faster loading and unloading
- fewer glass breakages
- no space wastage due to compact machine dimensions
- complete connection kit included in scope of delivery
- fully integrated into the dishwasher control system

Technical data

Fresh water line: Soft cold water 0-3°dH
3-phase current: 3N PE 400V 50Hz
GiO MODULE (separate)

Rack capacity/h (theoretical)
Programme cycle

60 / 40 / 17 racks/h
total 90 / 150 / 240 s

Rack dimension
Entry height
Dimensions (W x Hmin x D)

500 x 500 mm (540 x 500)
440 mm
635 x 1470 x 750 (850) mm (with hood rod)

Electrical feeding cable

3-phase current 3N PE 400V 50Hz
Total connected load: 10,6 kW
max. rated current: 19,6 A

Local fuse protection

20 A

Machine protection class

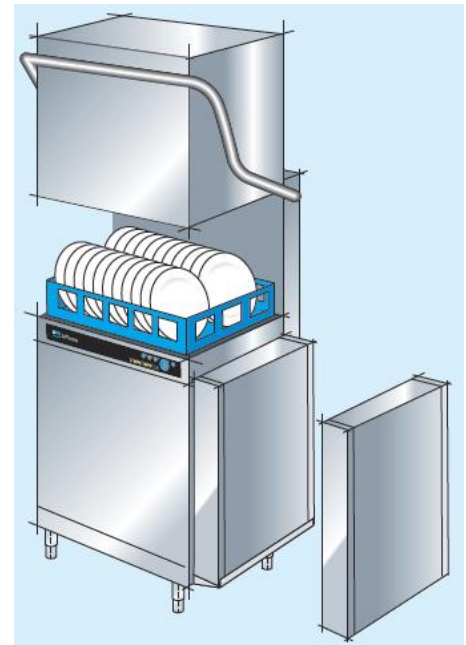
IP X4

Equipment

Control system MIKE CPU1
Infrared interface for wireless communication
Automatic program start
Leakage detector
Boiler safety device
Drain pump
AktivPlus wash water filter system
Automatic self-cleaning when tank is drained
Back wall cladding
Integrated reverse osmosis (separate, with connection and discharge set)

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
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	2.6 liters/cycle
Boiler	Contents: 10.5 l Heater: 7,50 kW Temperature: 83 °C
Wash tank	Filling: 22 l Heater: 2,00 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 20 programme cycles/h total: 2,7 kW perceptible: 1,8 kW latent: 0,9 kW
Ventilation flow rate	680 m ³ /h
Steam emission	1,3 kg/h
Sound level	67 dB(A)

