

M-iClean UM+ – Undercounter glass and dishwasher

A new generation of appliances that are designed to appeal to all our senses, created from an affinity for technology, efficiency, eco-friendliness and beautiful design. Dishwashing has never been so cost-effective, so environmentally-friendly and so attractive to the eye.



Capacity: up to 40 baskets/hour

Basket dimensions: 500 x 500 mm

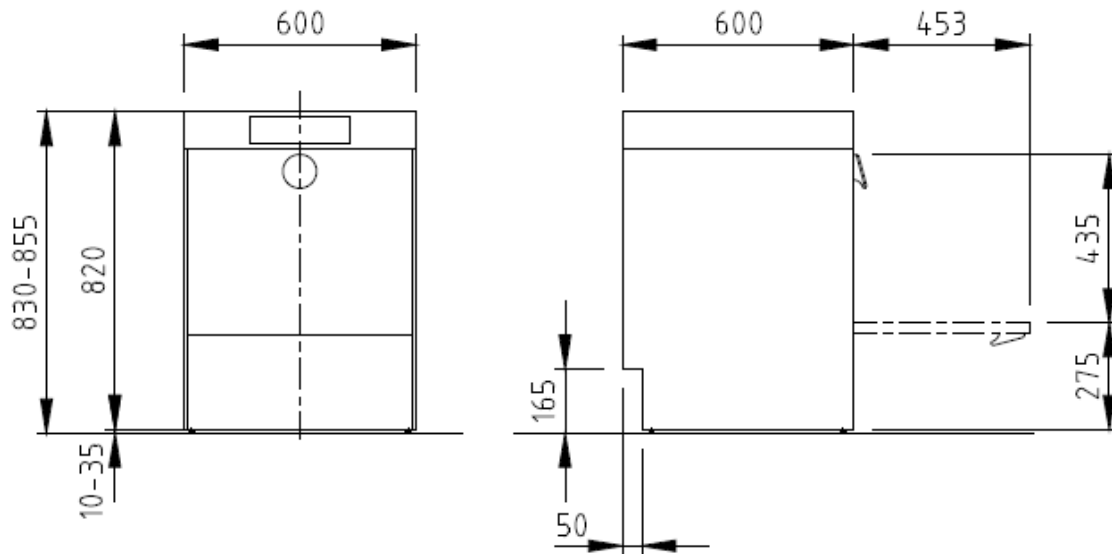
Entry height 435 mm

Cold or hot water connection

3 phase NPE, 400 V, 50 Hz - can be converted to 1 NPE, 230 V, 50 Hz on site / fuse protection 16 A (option 20 A)

Technical data:	M-iClean UM+		Characteristics/Sales advantages:
Version: glass washer	400 V	230 V	
Tank heating in kW:	2.0		• Handle with LED illumination and colour-coded status display • Touch display made from hygienic safety glass with programme progress indicator and high resolution TFT colour graphic display • Intuitive user interface – blue operating concept • Interior illuminated when the door is open • Intelligent energy management system – multiple power-saving modes • Bluetooth interface • M-iClean filter – active filter system (incl. monitoring of correct positioning and function) • Detergent and rinse agent pipes inside machine made from stainless steel • Thanks to its adjustable wash cycle parameters the M-iClean can be tailored to the customer's exact requirements, washware and types of soiling (by authorised service representatives). Short cycles with a higher theoretical basket capacity can be adjusted individually (dependent on provided power supply, fuse protection, feed water temperature, dirt level, ...).
Boiler heating in kW:	6.0	2.0	
Pump capacity in kW:	0.55		
Total connected load in kW:	6.8	2.8	
Water consumption l/basket:	2.4		
Tank capacity in l:	11.0		
Entry height in mm:	435		
Basket dimensions in mm:	500 x 500		
Programme cycle in sec:	90/120/240		
Theoretical capacity baskets/h:	40/30/15		
Programme cycle in sec (cold w.):	90/120/240	180/180/240	
Theoretical capacity baskets/h:	40/30/15	20/20/15	

Dimensions M-iClean UM+



- Drain connecting hose DN 22
- Clean water feed pipe G 3/4"
- Soft water 10 °C – max. 0.54 mmol/l CaCO₃ (max. 3 °dH)
- Minimum flow pressure: 60 kPa / 0.6 bar – maximum: 500 kPa / 5 bar
- Connecting hose(s) extending 1.4 m from the machine
- Connecting hoses can be positioned to the left or right

Option:

Reverse osmosis module for M-iClean UM+

GiO MODULE – integrated in lower part of plinth

- 120 mm machine height: UM+ 940 mm or
- 150 mm machine height: UM+ 970 mm

GiO MODULE – integrated on rear of unit

- machine depth: UM+ 690 mm

GiO MODULE – positioned separately from unit (W x D x H) 140 x 550 x 600 mm

GiO MODULE (all models):

Cold water connection (max. 35 °C), minimum flow pressure 1 bar, maximum 5 bar.

Conductivity of raw water <1000 µS/cm. Total water hardness max. 28 °dH.

Connection kit:

Reinforced hose (1 m), stop valve, pressure reducer, 10 µm filter with activated carbon, reinforced hose (2 m) to machine.

Drain kit:

Concentrate drain hose approx. 2 m, drain piping incl. isolation from mains. Type 'AA' air gap according to EN 1717.

Permeate and electrical lines between machine and separate

GiO MODULE approx. 3 m.

When using the GiO MODULE the fresh water supply must be isolated from the mains in accordance with EN 1717 (optional). (1 bar = 100 kPa) (1 °dH approx. 0.18 mmol/l CaCO₃)