

Technical data sheet

UPster U 500

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

Rack capacity/h (theoretical)	40 / 30 / 15 racks/h
Programme cycle time	90 / 120 / 240 s
Rack dimension	500 x 500 mm (540 x 500)
Entry height	420 mm
Dimensions (W x Hmin x D)	600 x 845 x 600 mm
Electrical feeding cable	3-phase current 3N PE 400V 50Hz* Total connected load: 6.9 kW max. rated current: 16.0 A
Local fuse protection	16 A
Protection class of the machine	IP X4
Equipment	Control system MIKE CPU1 Infrared interface for wireless communication Leakage detector Soft start Boiler safety device Drain pump AktivPlus wash water filter system Automatic self-cleaning when tank is drained 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

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Flow rate	total 4.3 l/min (at 15 °C inlet temperature and a flow pressure of 200 kPa / 2 bar) Permeate 2.0 l/min Concentrate 2.3 l/min
Fresh water thresholds	Temperature cold water min. 1 °C to max. 35 °C electrical conductivity < 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	2.6 liters/cycle
Boiler	Contents: 7.0 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	Performance: 0.55 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: 1.4404
Heat emission	for 20 programme cycles/h total: 2.1 kW perceptible: 1.4 kW latent: 0.7 kW
Ventilation flow rate	540 m ³ /h
Steam emission	1.0 kg/h
Emission sound pressure level at the workplace (LpA)	63 dB
Net / gross weight	95.0 kg / 108.0 kg (standard packaging)
Packaging dimensions (W x H x D)	700 x 1150 x 700 mm (standard packaging)

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***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)