

# Technical Information

## UPster U 500

Execution for: Singapore

Glass and dishwashing machine

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

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



Sample illustration

### Technical data

<b>Rack capacity/h (theoretical)</b>	30 / 20 / 15 racks/h
<b>Programme cycle time *</b>	120 / 180 / 240 s (glass / dish / dish intensive)
<b>Rack dimension</b>	500 x 500 mm (530 x 500)
<b>Entry height</b>	320 mm
<b>Dimensions (W x Hmin x D)</b>	600 x 820 x 600 mm
<b>Electrical feeding cable</b>	3-phase current 3N PE 400V 50Hz* Total connected load: 5.2 kW max. rated current: 12.8 A
<b>Local fuse protection</b>	16 A
<b>Protection class of the machine</b>	IP X4
<b>Equipment</b>	MIKE control Infrared interface for wireless communication Soft start Boiler safety device Automatic self-cleaning when tank is drained
<b>Fresh water supply</b>	Minimum flow pressure 250 kPa / 2.5 bar in front of solenoid valve Maximum pressure 500 kPa / 5.0 bar Max. supply water temperature 60 °C
<b>Flow rate</b>	min. 0.3 l/s at 250 kPa/2.5 bar flow pressure
<b>Final rinse water quantity</b>	3 liters/cycle
<b>Boiler</b>	Contents: 8 l Heater: 4.50 kW Temperature: 65 °C, with dish wash programme 83 °C Tank / boiler locked
<b>Wash tank</b>	Filling: 20 l Heater: 2.00 kW Temperature: 60 °C
<b>Wash pump</b>	Performance: 0.55 kW

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<b>Dosing of rinse aid</b>	Hose pump (24 V) with time control and suction lance
<b>Detergent dosage</b>	Hose pump (24 V) with time control and suction lance
<b>Material</b>	Cladding: 1.4301 Wash tank: 1.4301 Boiler: 1.4404
<b>Heat emission</b>	for 15 programme cycles/h total: 1.6 kW perceptible: 1.0 kW latent: 0.6 kW
<b>Ventilation flow rate</b>	400 m <sup>3</sup> /h
<b>Steam emission</b>	0.7 kg/h
<b>Sound level</b>	61 dB(A)
<b>Net / gross weight</b>	54.0 kg / 66.0 kg (standard packaging)
<b>Packaging dimensions (W x H x D)</b>	700 x 1050 x 700 mm (standard packaging)

## \*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)

\* Programme cycle time depending on temperature of feeding water:

Prolongation of wash cycle with cold water connection or single phase execution;

For machine with single phase connection, warm water connection is recommended.