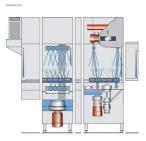
## Technical data sheet



## UPster K-S 200

**Execution for: Israel** 



Schematic sectional view of machine

## Rack type dishwashing machine

Type code: KF-S E3 N1 AT65P Working direction: left - right Power supply: 3N PE 400V 50Hz

Heating: Electric

Water connection: Soft cold water 12 - 24 °C

## **Technical data**

Transport speed 2 Transport speed 3 Rack capacity 1 (DIN EN) Rack capacity 2 Rack capacity 3  Motors  Total  Total	Performance*	Contact time*	2 minutes
Transport speed 3 Rack capacity 1 (DIN EN) Rack capacity 2 Rack capacity 3 Rack capacity 2 Rack capacity 3 Rack capacity 3 Rack capacity 3 Rack capacity 2 Rack capacity 3 Rack capacity 3 Rack capacity 3 Rack capacity 2 Rack capacity 3 Rack capacity 3 Rack capacity 3 Rack capacity 2 Rack capacity 3 Rack capacity 3 Rack capacity 2 Rack capacity 3 Rack capacity 3 Rack capacity 3 Rack capacity 3 Rack capacity 2 Rack capacity 3 Rac		Transport speed 1 (DIN EN)	0.79 m/min
Rack capacity 1 (DIN EN) Rack capacity 2 Rack capacity 3  Motors  Total  Total  18.5 kV  Electrical feeding cable** Power supply nominal capacity nominal current Max. Elect. cable cross-section, Connecting line made of copper [CU]  Consumption*** Average consumption during typical operation  Water connection: soft cold water 12 - 24°C Tank filling  Exhaust air values***  Rack capacity 1 (DIN EN) 95 racks/ 150 racks		Transport speed 2	1.25 m/min
Rack capacity 2 Rack capacity 3 Rack capacity 4 Rack capacity 5 Rack capacity 6 Rack capacity 7 Rack capacity		Transport speed 3	1.67 m/min
Motors Total 3.2 kV Heating energies Total 18.5 kV  Electrical feeding cable** Power supply nominal capacity nominal current Max. Elect. cable cross-section, Connecting line made of copper [CU]  Consumption*** Average consumption during typical operation  Water connection: soft cold water 12 - 24°C Tank filling 90  Exhaust air values*** Exhaust air volume approx.  18.5 kV 3.2 kV 3.N PE 400V 50H: 0.18.5 kV 21.8 kV 0.21.8 kV		Rack capacity 1 (DIN EN)	95 racks/h
Motors  Total  3.2 kV  Heating energies  Total  18.5 kV  Electrical feeding cable**  Power supply nominal capacity nominal capacity Nominal current Max. Elect. cable cross-section, Connecting line made of copper [CU]  Consumption***  Average consumption during typical operation  Water connection: soft cold water 12 - 24°C  Tank filling  90  Exhaust air values***  Exhaust air volume approx.  18.5 kV  3.2 kV  3.2 kV  4.5 kV  50  14.7 kV  150 m³/6  18.5 kV  18.5 kV  18.5 kV  19.5 kV  19.6 line filling 19.6 line fi			150 racks/h 200 racks/h
Heating energies  Total  18.5 kV  Electrical feeding cable** Power supply nominal capacity nominal current Max. Elect. cable cross-section, Connecting line made of copper [CU]  Consumption*** Average consumption during typical operation  Water connection: soft cold water 12 - 24°C  Tank filling  Exhaust air values*** Exhaust air volume approx.  18.5 kV  3N PE 400V 50H 21.8 kV nominal capacity n			
Electrical feeding cable**  Power supply nominal capacity 21.8 kW nominal current 35.5 A Max. Elect. cable cross-section, Connecting line made of copper [CU]  Consumption***  Average consumption during typical operation  Water connection: soft cold water 12 - 24°C  Tank filling 90  Exhaust air values***  Exhaust air volume approx. 150 m³/k	Motors	Total	3.2 kW
nominal capacity nominal current 35.5 A Max. Elect. cable cross-section, Connecting line made of copper [CU]  Consumption***  Average consumption during typical operation  Water connection: soft cold water 12 - 24°C  Tank filling  Exhaust air values***  Exhaust air volume approx.  21.8 kV 135.6 A 14.7 kV 14.7 kV 14.7 kV 150 m³/k	Heating energies	Total	18.5 kW
nominal current  Max. Elect. cable cross-section, Connecting line made of copper [CU]  Consumption***  Average consumption during typical operation  Water connection: soft cold water 12 - 24°C  Tank filling  Exhaust air values***  Exhaust air volume approx.  35.5 A  35.5 A  35.5 A  36.7 A  37.6 A  37.7 Exhaust air values  14.7 kV  14.7 kV  15.0 m³/k  16.0 l/k  17.0 m³/k  17.0 m³/k  18.0 m³/k  18.0 m³/k  18.0 m³/k  18.0 m³/k  18.0 m³/k  18.0 m³/k	Electrical feeding cable**	Power supply	3N PE 400V 50Hz
Max. Elect. cable cross-section, Connecting line made of copper [CU]  Consumption***  Average consumption during typical operation  Water connection: soft cold water Fresh water final rinse 12 - 24°C  Tank filling  Exhaust air values***  Exhaust air volume approx.  35 mm  14.7 kV  14.7 kV  150 m³/l		nominal capacity	21.8 kW
Connecting line made of copper [CU]  Consumption***  Average consumption during typical operation  Water connection: soft cold water Fresh water final rinse 160 l/l 12 - 24°C  Tank filling 90  Exhaust air values***  Exhaust air volume approx. 150 m³/l		nominal current	35.5 A
typical operation  Water connection: soft cold water Fresh water final rinse 160 l/l 12 - 24°C Tank filling 90  Exhaust air values*** Exhaust air volume approx. 150 m³/l		Connecting line made of copper	35 mm²
12 - 24°C Tank filling 90 Exhaust air values*** Exhaust air volume approx. 150 m³/l	Consumption***		14.7 kW
Exhaust air values*** Exhaust air volume approx. 150 m³/l		Fresh water final rinse	160 l/h
•••		Tank filling	90 I
Exhaust air temperature approx. 25 °C	Exhaust air values***	Exhaust air volume approx.	150 m³/h
		Exhaust air temperature approx.	25 °C





Heat load****	total	6.0 kW
	perceptible	2.9 kW
	latent	3.1 kW
Dimensions of machine	Feeding tunnel (E3)	300 mm
	Wash tank (W5)	500 mm
	Contact-plus zone (N1)	100 mm
	Discharge tunnel (AT65P) (Pump rinse section)	650 mm
	Total	1550 mm
Equipment		Heat recovery

<sup>\*</sup> Hygiene-related washing parameters in accordance with the type test as per DIN EN 17735

<sup>\*\*</sup> Due to differences in the configuration of the phases and the locking of individual heating elements the nominal capacity and nominal current may differ from the sum of the consumption of the individual items!

<sup>\*\*\*</sup> This is an average value based on a sample type of place setting and operating mode. Data for specific installations should be derived from the profitability calculation in each case.

<sup>\*\*\*\*</sup> The exhaust air temperature depends on the fresh water supply temperature. The listed conditions relating to the appliance's exhaust air are based on a maximum fresh water temperature of 18°C. In said conditions and in compliance with EN 16282 a exhaust air connection is not required for the machine.