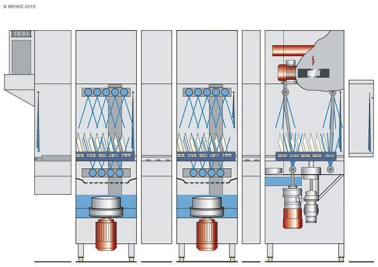
Technical data sheet

UPster K-M 280

Execution for: Israel



Schematic sectional view of machine

Rack type dishwashing machine
Type code: KF-M E3 WTV N25-15 AT65P
Working direction: left - right
Power supply: 3N PE 400V 50Hz
Heating: Electric
Water connection: Soft cold water 12 - 24 °C

Technical data

Performance*	Contact time	2 minutes
	Transport speed 1	1.17 m/min
	Transport speed 2	1.75 m/min
	Transport speed 3	2.33 m/min
	Rack capacity 1*	140 racks/h
	Rack capacity 2	210 racks/h
	Rack capacity 3	280 racks/h
Motors	Total	5.2 kW
Heating energies	Total	24.5 kW
Electrical feeding cable**	Power supply	3N PE 400V 50Hz
	Total connected load	29.7 kW
	max. rated current	47.9 A
	Max. Elect. cable cross-section	35 mm²
Consumption***	Average consumption during typical operation	20.5 kW
Water connection: soft cold water 12 - 24°C	Fresh water final rinse	260 l/h
	Tank filling	170 l
Exhaust air values***	Exhaust air volume approx.	150 m³/h
	Exhaust air temperature approx.	25 °C
Heat load****	total	5.8 kW
	perceptible	3.4 kW
	latent	2.4 kW

Technical data sheet

Dimensions of machine	Entry tunnel (E3)	300 mm
	Prewash section (WTV)	500 mm
	Contact-plus zone (N25)	250 mm
	Wash tank (W5)	500 mm
	Contact-plus zone (N15)	150 mm
	Discharge tunnel (AT65P) (Pump rinse section)	650 mm
	Total	2350 mm
Equipment		Heat recovery

* The basket capacity complies with the contact time specified in DIN SPEC 10534.

** The total connection value as well as the connection dimension may differ from the sum of individual consumers due to different phase assignment and individual, interlocked heating elements!

*** 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.

**** 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.