

UPster K-S 200

Rack type dishwashing machine - a modular solution.

- Maximum cleaning quality in a compact format: 3 standard speeds incorporated (with the possibility to speed up or slow down each speed) to fine tune the washing performance to the customer needs.
- Hinged side-opening doors enable installation under low ceilings whilst still maintaining ease of cleaning.
- All models can have the direction reversed on-site, whether from right to left or left to right.
- Programmable touch screen control panel with blue tooth connectivity.
- Increased opening height of more than 500mm to larger items such as gastronom containers, larger pots & pans, canteen trays etc.
- Fully 304/316 AISI stainless steel construction with complete insulation.



Technical data

3-phase current: 3N PE 400V 50Hz
 Heating: Electric
 Working direction: left - right
 Water connection: Soft - warm water 25 - 49°C

Rack capacity/h (theoretical)

95 / 150 / 200 racks/h

Transport speed

3 speeds

Rack dimension

500 x 500 mm

Entry height

508 mm

Machine length

1550 mm excl. drying zone

2150 mm including drying

zone

Dimensions of machine

Entry tunnel

300 mm

Wash tank

500 mm

Contact-plus zone (N1)

100 mm

Discharge tunnel (final rinse zone)

650 mm

Option:

Drying section 1 (TR)

600 mm

Motors

Total 3,5 kW

Heating energies

Total 24,5 kW

Electrical feeding cable

Power supply

3N PE 400V 50Hz

Total connected load

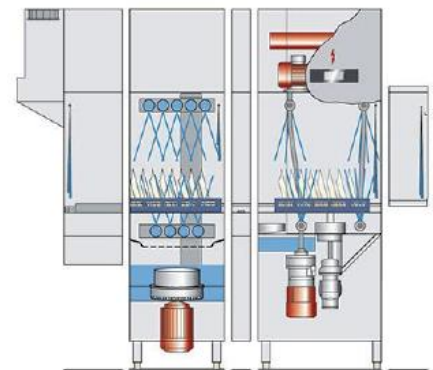
28,0 kW

max. rated current

44,3 A

Max. Elect. cable cross-section

35 mm²



Schematic sectional view of machine

Consumption

Average consumption during typical operation 19,3 kW

Water connection:

Fresh water final rinse
 Tank filling

Soft – warm water 25 - 49°C (min. 80 µS)

260 l/h
 90 l

Air outlet:

Waste air volume approx.
 Waste air temperature approx.

150 m³/h
 30 °C

Heat load

Perceptible
 Latent
Total

2,9 kW
 3,1 kW
6,0 kW

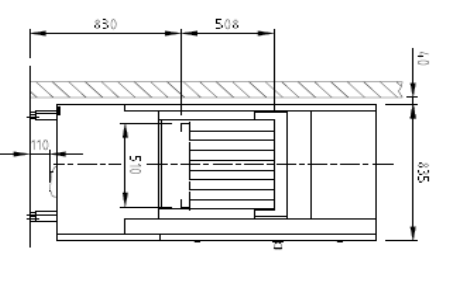
Equipment

Waste air channel with active fan

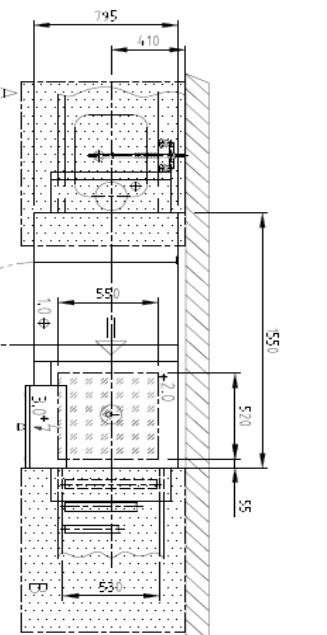
UPster K	
<p>HIGHLIGHTS</p> <ul style="list-style-type: none"> • Outstanding dishwashing performance and top-quality cleaning results in a compact package • Three choices of basket capacity – so you can choose the perfect solution for your wash-up area • Glass display panel at eye level made from safety glass which is easy to keep hygienically clean • Intuitive design (glass display panel) – provides maximum assistance to users • Intuitive design (cleaning) – provides maximum assistance to users • Bluetooth interface – modern, innovative communication technology • Hinged doors in the wash zone provide easy access to the wash arms • With the most generous passing height (508 mm) of any rack type dishwashing machine in its class, it gets even bulky items of dishware sparkling clean <p>ALL-INCLUSIVE PACKAGE</p> <ul style="list-style-type: none"> • Autotimer Maximum efficiency: saves water, energy and chemicals • System to reduce rinse aid use Reduces rinse aid costs by up to 70 % 	<ul style="list-style-type: none"> • Stainless steel manifold wash systems with eight wash arms and non-blocking wash nozzles Powerful performance for superb wash results – perfect cleaning results time after time • Stainless steel wash pump, impeller and ascending pipe Durable, high-quality and efficient • Stainless steel rinse arms Durable and high-quality with a consistent spray pattern • Control cabinet on front of machine Perfectly positioned for fast and cost-effective servicing and maintenance • Emergency stop At an ergonomic height, ensures safe operation • Thermally insulated door handles Never get too hot, can be used at any time • Door monitoring switch Machine switches off when door is opened, ensures safe operation • Device to protect against pollution of potable water line, with pressure pump Maximum operating reliability and optimum hygiene (EN1717 compliant) regardless of any fluctuations in pressure on site, consistent spray pattern • Floor clearance 150 mm Makes cleaning easier • Double-walled construction and door insulation Minimises the heat and noise emitted by the machine • Electrical connections (potential-free contacts) For on-site ventilation

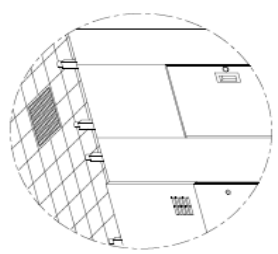
Technical Drawing without dryer:

<p>© CERTIFIED BY: DBP</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%;">T code:</td> <td>IF-S-E3-N1-A105P</td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> </tr> <tr> <td>1.0</td> <td>Tank drain. Connection pipe (with) and P-Trap to be provided locally. (D1 70)</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>2.0</td> <td>Water connection of the machine: soft - brass 3/8" x 1/2" - 1/2" x 1/2" max. 10.5 bar (1.6 MPa) / 150 psi max. 10.5 bar (1.6 MPa) / 150 psi consumption approx. 90 l/h for final rinsing (IF)</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>3.0</td> <td>Electrical connection of the machine: power cord designed for: standard electrical current / power: max. cable cross section: free cable end from PE/LW/air Voltage equalizing cable: The master switch must be provided on site</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td colspan="2">Heat load of wash room:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td colspan="2">For the complete remaining heat load of the room the wash room has to be added acc. to VDI 2052. The room ventilation has to be sized acc. to VDI 2052.</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>Recommended suction area according to German DIN 1956 or other local regulations have to be observed to determine ventilation of wash areas (heating section).</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>Recommended suction area according to German DIN 1956 or other local regulations have to be observed to determine ventilation of wash areas (heating section).</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td colspan="2">Machine Equipment</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td colspan="2">Waste air channel with active fan feeding table on site</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td colspan="2">Discharge table on site</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>	T code:	IF-S-E3-N1-A105P									1.0	Tank drain. Connection pipe (with) and P-Trap to be provided locally. (D1 70)									2.0	Water connection of the machine: soft - brass 3/8" x 1/2" - 1/2" x 1/2" max. 10.5 bar (1.6 MPa) / 150 psi max. 10.5 bar (1.6 MPa) / 150 psi consumption approx. 90 l/h for final rinsing (IF)									3.0	Electrical connection of the machine: power cord designed for: standard electrical current / power: max. cable cross section: free cable end from PE/LW/air Voltage equalizing cable: The master switch must be provided on site									Heat load of wash room:										For the complete remaining heat load of the room the wash room has to be added acc. to VDI 2052. The room ventilation has to be sized acc. to VDI 2052.											Recommended suction area according to German DIN 1956 or other local regulations have to be observed to determine ventilation of wash areas (heating section).										Recommended suction area according to German DIN 1956 or other local regulations have to be observed to determine ventilation of wash areas (heating section).									Machine Equipment										Waste air channel with active fan feeding table on site										Discharge table on site									
T code:	IF-S-E3-N1-A105P																																																																																																														
1.0	Tank drain. Connection pipe (with) and P-Trap to be provided locally. (D1 70)																																																																																																														
2.0	Water connection of the machine: soft - brass 3/8" x 1/2" - 1/2" x 1/2" max. 10.5 bar (1.6 MPa) / 150 psi max. 10.5 bar (1.6 MPa) / 150 psi consumption approx. 90 l/h for final rinsing (IF)																																																																																																														
3.0	Electrical connection of the machine: power cord designed for: standard electrical current / power: max. cable cross section: free cable end from PE/LW/air Voltage equalizing cable: The master switch must be provided on site																																																																																																														
Heat load of wash room:																																																																																																															
For the complete remaining heat load of the room the wash room has to be added acc. to VDI 2052. The room ventilation has to be sized acc. to VDI 2052.																																																																																																															
	Recommended suction area according to German DIN 1956 or other local regulations have to be observed to determine ventilation of wash areas (heating section).																																																																																																														
	Recommended suction area according to German DIN 1956 or other local regulations have to be observed to determine ventilation of wash areas (heating section).																																																																																																														
Machine Equipment																																																																																																															
Waste air channel with active fan feeding table on site																																																																																																															
Discharge table on site																																																																																																															



ELEVATION VIEW A



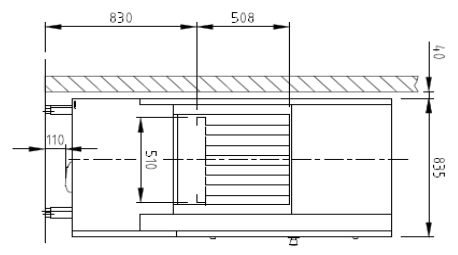


(In-line drainage provide in front of the machine)

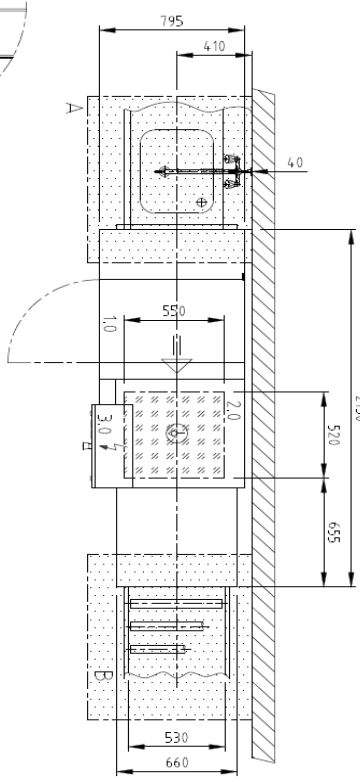
<p>MEIKO MIDDLE EAST FZE Goddard Road, Building 6, Office #209 P.O. Box 282365 Dubai UAE Phone: +971 3 41 51 72 Email: info@meiko.ae</p>	<p>Project: UPSTER STANDARD DRAWING / APE Title: K-S 200 L-R ELECTRO Drawing No: 1000016 Date: 10/2016 Author: BGP</p>
--	--

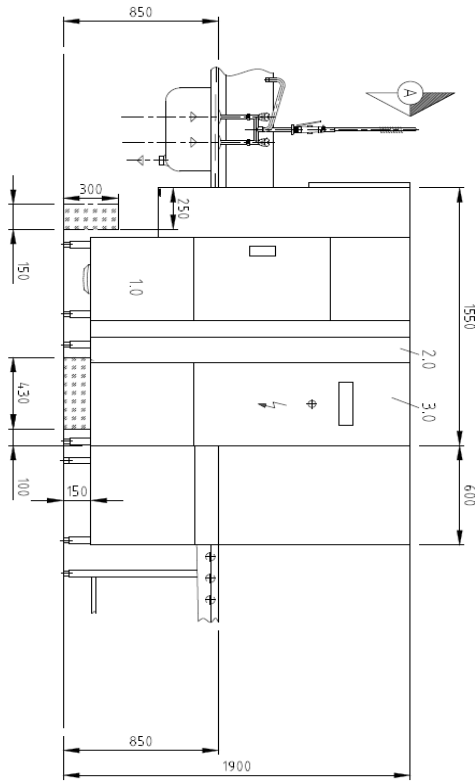
Technical Drawing with dryer:

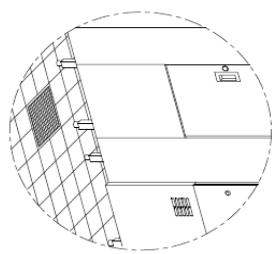
<p>© Copyright by MEIKO</p> <p>Typcode: KFS-E3 N1 A165P</p> <p>1.0 Tank drain. Connection pipe work and P-trap to be provided locally (DN 70)</p> <p>2.0 Water connection of the machine: soft - mains water 25 - 40°C (min. 80 psi) max. 0.54 m³/min (CaCl₂ 35.4 ppm, CaCO₃ max. 3.9%) consumption approx. 260 l/h for final rinse consumption approx. 90 l for final filling (TF)</p> <p>Electrical connection of the machine: power cord designed for standard electrical current / power max. cable cross section Free cable end from FFU/Wall ⊕ voltage-equalising cable</p> <p>Heat load of wash room: For the complete remaining heat load of the room the wash area has to be added acc. to VDI 2052. The room ventilation has to be sized acc. to VDI 2052. Total approx. 6.0 kW</p> <p>Recommended suction area according to German VDI 2052 or any local regulations have to be observed to determine ventilation or wash area. (Washing section) Recommended suction area according to German VDI 2052 or any local regulations have to be observed to determine ventilation or wash area. (Unloading section)</p> <p>Machine Equipment Dring Main switch, included but not installed Final end switch, included but not installed Feeding table on site discharge table on site</p>		<p>DN 50 Ø 55 a DN 20 G 3/4 a</p> <p>3N PE 400V~50Hz 49 T A 49 T A / 31.4 kW 35 mm² approx. 3.0 m</p> <p>latent approx. 3.1 kW percept. approx. 2.9 kW</p>	
--	--	---	--



ELEVATION VIEW A







On-site drainage provide in front of the machine!

<p>MEIKO MIDDLE EAST FZE Emaar Gold & Diamond Park, Building 6, Office 209 Sheikh Sayed Road P. O. Box 282365 Dubai UAE Tel: +971-341-5172 / Fax: +971-4-3415173 E-MAIL: wa@meikode.com</p>		<p>Revision</p> <p>Reference UP-STER STANDARD DRAWING / ARE</p> <p>Title K-S 200 L-R ELECTRO</p>	
<p>It is a matter of course to follow the drawing sheet and specification to their part for all rights. It is a matter of course to follow the drawing sheet and specification to their part for all rights. It is a matter of course to follow the drawing sheet and specification to their part for all rights.</p>		<p>Drawing no. S00-G68606_3</p> <p>Scale 1:1</p> <p>Drawn by Z.1.06.16</p> <p>Checked by Z.1.06.16</p>	

© Copyright by MEIKO