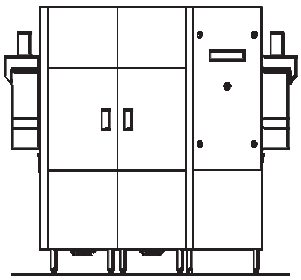
Professional warewashing technology

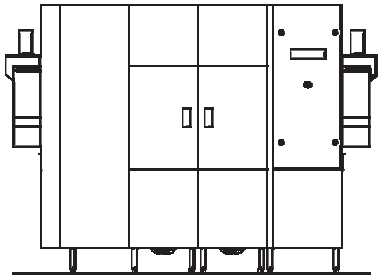
Technical Information

MEIKO
The clean solution

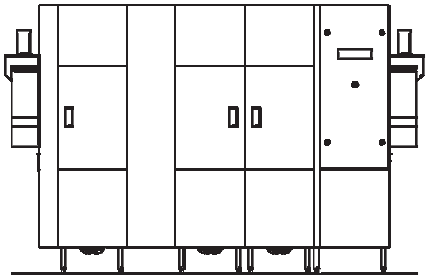
KA-64, KA-86, KA-100 Multiple-tank rack conveyors



KA-64



KA-86



KA-100

Performance

Maximum rack capacity per hour ..... 355 / 295 / 236
Water consumption (maximum) ..... 86 gallons (325.5 liters)/hr.
Water consumption (per rack) ..... 0.24 gallons (0.92 liters)/rack

Dimensions

Length, KA-64, table-to-table ..... 64” / 1626mm
Length, KA-86, table-to-table ..... 86” / 2184mm
Length, KA-100, table-to-table ..... 100” / 2540mm
Length, blower dryer (option) ..... + 23-5/8” / 600mm
Height ..... 76-1/8” / 1934mm
Depth ..... 31-1/4” / 795mm
Clearance height inside wash chamber ..... 20” / 508mm

Water connection data

Water hardness ..... 1-3 grains per gallon
Temperature, common water connection (standard) ..... 110-140°F / 43-60°C
Temperature, fill connection (with optional WAHRS) ..... 110-140°F / 43-60°C
Temperature, rinse connection (with optional WAHRS) ..... Cold as available, 53-68°F / 12-20° C recommended
Initial fill, KA-64 / KA-86 ..... 42.2 gallons / 160 liters
Initial fill, KA-100 ..... 63.3 gallons / 240 liters

Professional warewashing technology

Technical Information

The clean solution

Component data

Wash pump motor ..... 3.0 hp / 2.2 kW
Power rinse pump motor ..... 3.0 hp / 2.2 kW
Prewash pump motor (KA-100 only) ..... 3.0 hp / 2.2 kW
Conveyor drive motor ..... 0.13 hp / 0.12 kW
Vent motor (WAHRS option only) ..... 0.17 hp / 0.13 kW
Blower dryer motor (Blower dryer option only) ..... 0.67 hp / 0.48 kW

Heating data

	208V/60Hz/3Ph	230V/60Hz/3Ph	460V/60Hz/3Ph
Wash tank heat	17.2 kW	18.2 kW	18.2 kW
Power rinse tank heat	17.2 kW	18.2 kW	18.2 kW
Booster heat (max.)	25.2 kW	25.2 kW	25.2 kW
Blower dryer heat	3.6 kW	4.5 kW	3.9 kW

Electrical connection data

	208V/60Hz/3Ph				230V/60Hz/3Ph				460V/60Hz/3Ph			
	TB1	TB2	TB3	TB4	TB1	TB2	TB3	TB4	TB1	TB2	TB3	TB4
KA-64 / KA-86	57.3A	57.3A	70.0A	4.0A	55.1A	55.1A	63.3A	4.0A	57.1A	31.6A	--	--
KA-100	57.3A	57.3A	70.0A	13.5 A	55.1A	55.1A	63.3A	13.5A	61.5A	31.6A	--	--
Blower dryer				+12.3A				+ 13.4A	+9.8A			
WAHRS				+1.3A				+1.3 A	+1.3A			

NOTE: Peak load ampacity shown. Actual electrical supply sizing should be based on local codes (if present). In the absence of local codes, NEC recommends peak load amps X 1.25, rounded up to the next standard circuit breaker size. Please consult with your local professional electrician.

Venting data

Load end ..... 88 CFM / 150m^3/hr
Unload end ..... 88 CFM / 150m^3/hr
Total ..... 176 CFM / 300m^3/hr
Relative humidity (approx.) 98%