



The clean solution



Standard Features:

- **ENERGY STAR** Qualified
- Capacity **23** racks per hour
- Rinse water consumption **0.61** gallons (2.31 liters) per rack
- Double-wall construction improves energy efficiency and provides a cooler exterior
- Variable programmed time cycles - 95, 150 and 210 seconds
- Built-in liquid detergent and rinse aid pumps
- Detergent empty indicator
- Easily-accessed pump priming and delimiting modes
- Easily-accessed dirt/sediment and carbon/chlorine filters
- Machine shutdown automatically rinses the wash chamber with hot, fresh water to ease cleaning, then drains the machine
- Stainless steel non-clogging combination wash/rinse arms provide simpler disassembly for cleaning
- Sloped ceiling is safer for the user and minimizes dripping of soiled water onto sanitized ware
- 3/4 Hp (0.56 kW) wash pump
- 304 and 316Ti stainless steel construction for corrosion resistance
- Type A air gap system eliminates water leaks and maintenance associated with vacuum breaker
- Pumped drain for both floor and wall drain applications

Options:

- Inline slide base - adds 1" (25mm) to height
- Framed base with individual legs - adds 6" (152mm) to height
- Flush-paneled stainless steel base - adds 4-3/4" (120mm) to height
- Flush-paneled stainless steel cabinet base - adds 15-3/4" (400mm) to height
- Flush-paneled stainless steel cabinet base with individual 6" legs - adds 21-3/4" (550mm) to height
- NEMA plug kit (three phase only - installed by others - incl. receptacle and plate). 208-230/60/3 = NEMA 15-50P
- Drain water tempering kit (installed by others)
- Drain water tempering kit (factory installed)
- Drain board top

M-iClean UM WITH GiO MODULE

**HOT WATER SANITIZING
UNDERCOUNTER
GLASSWASHER WITH
INTERNAL REVERSE
OSMOSIS SYSTEM**

Special Features:

- **Internal reverse osmosis system** - Incoming water is forced through a semipermeable membrane to remove dissolved solids including salts and soils, providing outstandingly clean final rinse water. Glasses dry spot-free without the need for hand-polishing.
- **Illuminated door handle** - Provides visual cues to the operator on the machine operating status. The color of the illumination will show the operating state of the machine (ready for operation, washing, or displaying an important message)
- **Glass touchscreen display** - Provides a range of information in plain text, including wash and rinse tank temperatures, selection of different cycle times, a graphical progress bar, operating state, and service information
- **M-iClean Filter** - Food soil is continually strained from the wash water by the two-stage M-iClean Filter. Captured soil is removed at the end of each cycle., improving washing results and minimizing both detergent use and manual cleaning
- **Blue Cues color coding** - Components that require manual cleaning are colored blue for intuitive operation and easier staff training
- **Auto Safe** - The internal booster heater is automatically regulated to ensure proper sanitizing temperatures, regardless of the incoming water temperature
- **Soft Start** - The wash water is pumped at a reduced pressure for the first few seconds of the wash cycle, protecting the ware from being moved by a sudden burst of pressure
- **Pumped Final Rinse** - An internal rinse pump ensures that the final rinse pressure is constant, for efficient operation and consistent results
- **Leak Detection System** - Stops machine operation if an internal leak is detected

Technical Specifications:

Maximum Capacity 23 racks/hour / 575 dishes/hour / 828 glasses/hour

Minimum Cycle Time (Seconds):

Wash Cycle	80.0
Dwell / Drain Time	8.4
Rinse Cycle	6.6
Total Cycle	95.0

Water Requirements:

Incoming Water Temperature	Cold as avail., 70°F (21°C) recommended
Required Water Hardness	1-20 grains per U.S. gal.
Maximum Water Turbidity	1 NTU (MAX)
Rinse Water Consumption per Rack	0.61 gals. (2.31 liters)
Concentrate (Waste) Water Consumption per Rack	1.07 gals. (4.05 liters)
Total Water Consumption per Hour	38.64 gals. (146.27 liters) (max. with 70°F [21°C] water supply)
Incoming Flow Pressure	14.5-72.5 psi (1.0-5.0 bars)
Incoming Waterline	3/4" garden hose
Machine Drain Line	7/8" ID, 1-1/8" OD flexible hose
RO Concentrate Drain Line	1/4" ID, 3/8" OD flexible hose
Common Drain Adapter (if used)	1-1/2" plumbing tube, or 1-1/2" PVC pipe coupling (using supplied adapter)

Required Operating Temperatures:

Wash (Minimum)	150°F (66°C)
Rinse (Minimum)	180°F (82°C)

Tank Capacities:

Wash Tank	2.9 gals. (11.0 liters)
Booster Heater	2.1 gals. (7.9 liters)

Electrical Requirements:

Wash Tank Heat	3.27 kW @ 208V, 4.0 kW @ 230V
Booster Heater	3.68 kW @ 208V, 4.5 kW @ 230V
Wash Pump	0.74 hp (0.55 kW)
Final Rinse Pump	0.27 hp (0.20 kW)
Drain Pump	0.09 hp (0.07 kW)

Electrical supply	Peak load ampacity	Min. supply circuit ampacity	Max. breaker/disconnect
208-230V/60Hz/1 Ph	38.6A @ 208V	60A	60A
	42.1A @ 230V	60A	60A
208-230V/60Hz/3Ph	31.1A @ 208V	50A	50A
	33.9A @ 230V	50A	50A

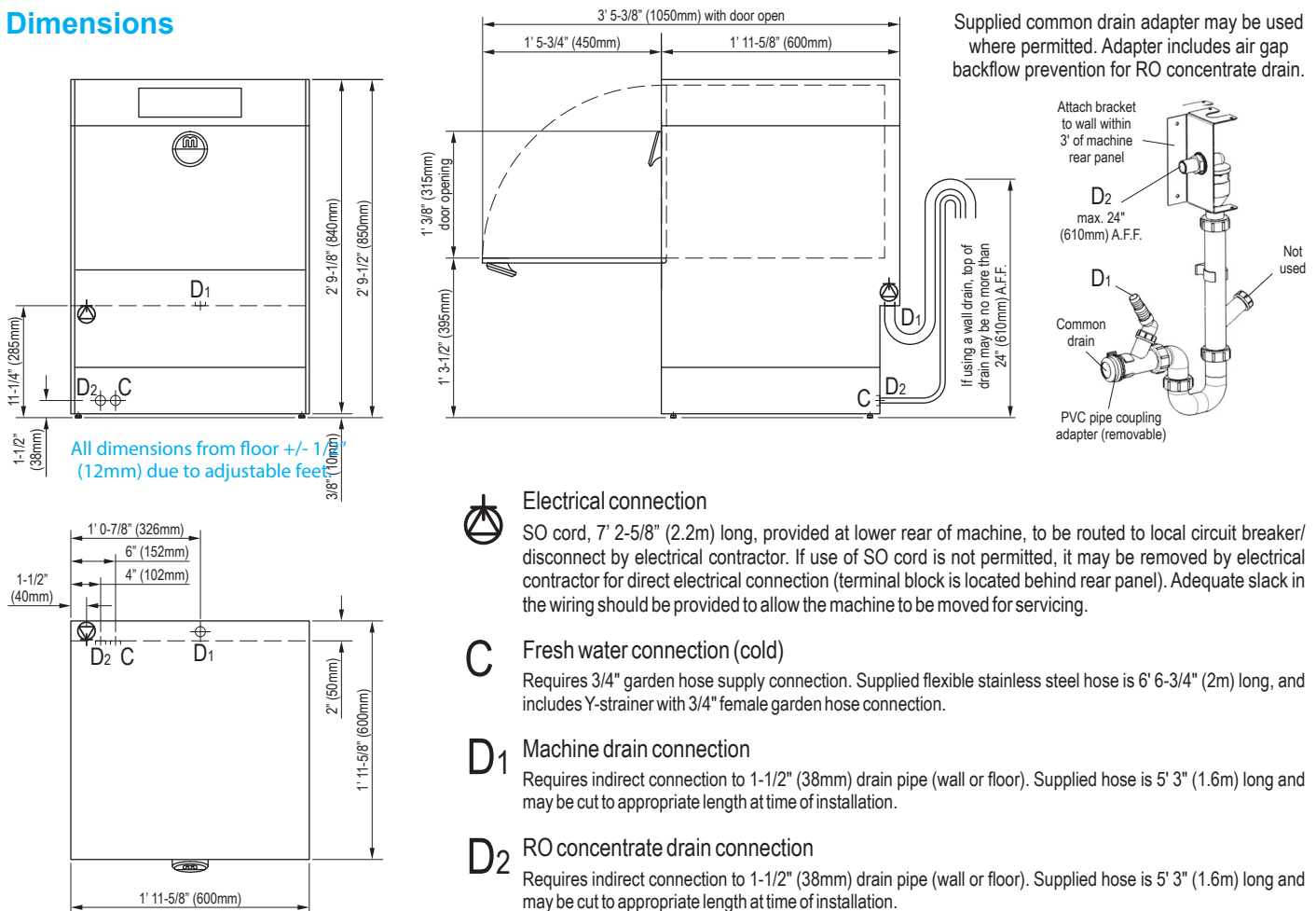
Dimensions:

Overall (W x D x H)	23-5/8" x 23-5/8" x 33-1/2" (600 x 600 x 850mm)
Inside Clearance Height	12-3/8" (315mm)
Wall Clearance	Rear 1" (25mm) min.

Machine / Shipping Details:

Shipping Weight	183 lbs. (83 kg)
Shipping Size (W x D x H)	27-5/8" x 27-5/8" x 41-3/8" (700 x 700 x 1050mm)

Dimensions



Specification

M-iClean UM Item Number _____

Unit will be an NSF and cETL-listed MEIKO UM hot water sanitizing undercounter glasswasher.

Operating voltage will be:

_____ 208-230V / 60Hz / 1Ph _____ 208-230V / 60Hz / 3Ph

Unit will be equipped with optional GiO Module, directing incoming cold water through a semi-permeable membrane to remove dissolved solids, eliminating the need for hand-polishing of glassware.

Unit will have three user-selectable cycles (of 95, 150 and 210 seconds) and will utilize 0.61 gallons (2.31 liters) of fresh rinse water per cycle.

Unit will include an illuminated door handle to provide visual feedback to the operator on machine status. The color of the illumination will show the operating state of the machine (ready for operation, washing, or displaying an important message).

Unit will feature a glass touch screen control panel and display. Display will provide customized graphical and text information based on the machine operating mode, including temperatures, machine status, service diagnostics and machine logs. Display will be capable of displaying information in multiple selectable languages, to include English, French, Spanish and German.

Unit will have integral M-iClean Filter system to automatically filter and remove soil from the wash tank during the washing process.

Final rinse water will be delivered via an integrated final rinse pump to ensure consistent results and water consumption, regardless of variations in water supply pressure.

Unit will automatically extend wash cycle if required to permit final rinse water to heat to a minimum sanitizing 180°F (82°C), regardless of incoming water temperature.

Wash pump will permit differing water pressures for each selectable cycle to accommodate varying amounts of soiling.

Unit will incorporate a soft start feature, building wash pressure slowly, to reduce risk of chipped or broken ware.

Unit will incorporate features to stop operation and turn off fill valve if an internal leak is detected.

Unit will include built-in liquid detergent and rinse aid pumps.

Unit will include a detergent sensor with a message in plain text on the machine display indicating if the detergent is empty.

Unit will include user-selectable delimiting and pump priming modes.

Unit will feature double-wall, insulated stainless steel construction on all exterior panels to retain heat inside the machine, conserve energy and provide a cool-to-the-touch exterior.

Unit will include Blue Touch color-coding of components that require frequent manual cleaning for simpler staff training.

Unit will include one coated wire glass rack.

Note: All specifications are subject to change without notice based on MEIKO's dedicated product improvement program.

This glasswasher is compliant with the Reduction of Lead in Drinking Water Act (2011) amendment to the Safe Drinking Water Act (SDWA).

