MEIKO

The clean solution

FV 40.2

HOT WATER SANITIZING UNDERCOUNTER DISHWASHER



Special Features:

- **Auto Safe temperature control system** - *Guarantees* 180°F (82°C) sanitizing final rinse temperature, *regardless of incoming water temperature*
- **MIKE 2 electronic control system** - advanced micro-computer technology for service diagnostics and end-user dishmachine settings. Includes one-touch operation, one-touch selection of three different cycle lengths, automatic temperature monitoring with digital display, and advanced service diagnostics
- **Active Plus filtration system** - Double filtration of wash water removes food soil, improves washing efficiency and saves detergent while easing cleaning chores
- **Soft Start wash pump** - Protects dishes and glasses from chipping or breaking
- **Aqua-Stop** - Automatically stops machine operation and turns off the external fill valve if an internal leak is detected
- **Built-in booster heater with power rinse pump** - Guarantees constant final rinse pressure and temperature for consistent, outstanding results

Standard Features:

- **ENERGY STAR** Qualified
- Capacity **37** racks per hour
- Water consumption **0.66** gallons (2.5 liters) per rack
- Double-wall construction keeps heat inside the machine, reducing energy consumption and heat loss into the dishroom environment
- Variable programmed time cycles - 95, 150 and 210 seconds
- Fully automatic - automatic fill, automatic start, and automatic reset
- Built-in liquid detergent and rinse aid pumps
- Pumped drain for both floor and wall drain applications
- Machine shutdown activates an automatic rinse of the wash chamber to ease cleaning
- Stainless steel non-clogging wash and rinse arms
- Sloped ceiling is safer for the user and prevents dripping of soiled water onto sanitized ware
- Front mounted controls with digital temperature displays
- 3/4 Hp (0.56 kW) wash pump
- 304 and 316L stainless steel construction for corrosion resistance
- Type A air gap system eliminates need for vacuum breaker
- Comes with one peg rack and one combination rack

Options:

- Stainless steel stand - adds 8” (203mm) to height
- Stainless steel cabinet stand - adds 16-3/4” (426mm) to height
- Inline roller frame - 1-3/8” (35mm) H. Replaces standard legs; overall machine height 34-3/8” (873mm)
- NEMA cord kit (three phase only - installed by others - incl. cord, plug, 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

Technical Specifications:

Optimum Capacity 37 racks/hour / 925 dishes/hour / 1332 glasses/hour

Optimum Cycle Time (Seconds):

Wash Cycle	80
Dwell / Drain Time	9
Rinse Cycle	6
Total Cycle	95

Water Requirements:

Incoming Water Temperature (Optimum)	140°F (60°C)
Recommended Water Hardness	1-6 grains per U.S. gal.
Water Consumption per Rack	0.66 gals. (2.50 liters)
Water Consumption per Hour (max.)	24.42 gals. (92.44 liters)
Flow Pressure	8.7-72.5 psi (0.6-5.0 bars)
Incoming Waterline	3/4” garden hose
Drain line size	7/8” ID, 1-1/8” OD flexible hose
Maximum drain flow rate	15 gals. (56.8 liters) per minute

Required Operating Temperatures:

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

Tank Capacities:

Wash Tank	3.48 gals. (13.17 liters)
Booster Heater	1.71 gals. (6.47 liters)

Electrical Requirements:

Wash Tank Heat	3.27 kW @ 208V, 4.0 kW @ 230V
Booster Heater	3.53 kW @ 208V, 4.32 kW @ 230V
Wash Pump	3/4 HP (0.56 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	39.6A @ 208V	60A	60A
	43.2A @ 230V	60A	60A
208-230V/ 60Hz/3Ph	32.1A @ 208V	50A	50A
	34.9A @ 230V	50A	50A

Dimensions:

Overall (W x D x H)	23-5/8” x 23-5/8” x 33-7/8” (600 x 600 x 860mm)
Inside Clearance Height	16-9/16” (420mm)
Wall Clearance	Rear 1” (25mm) min.

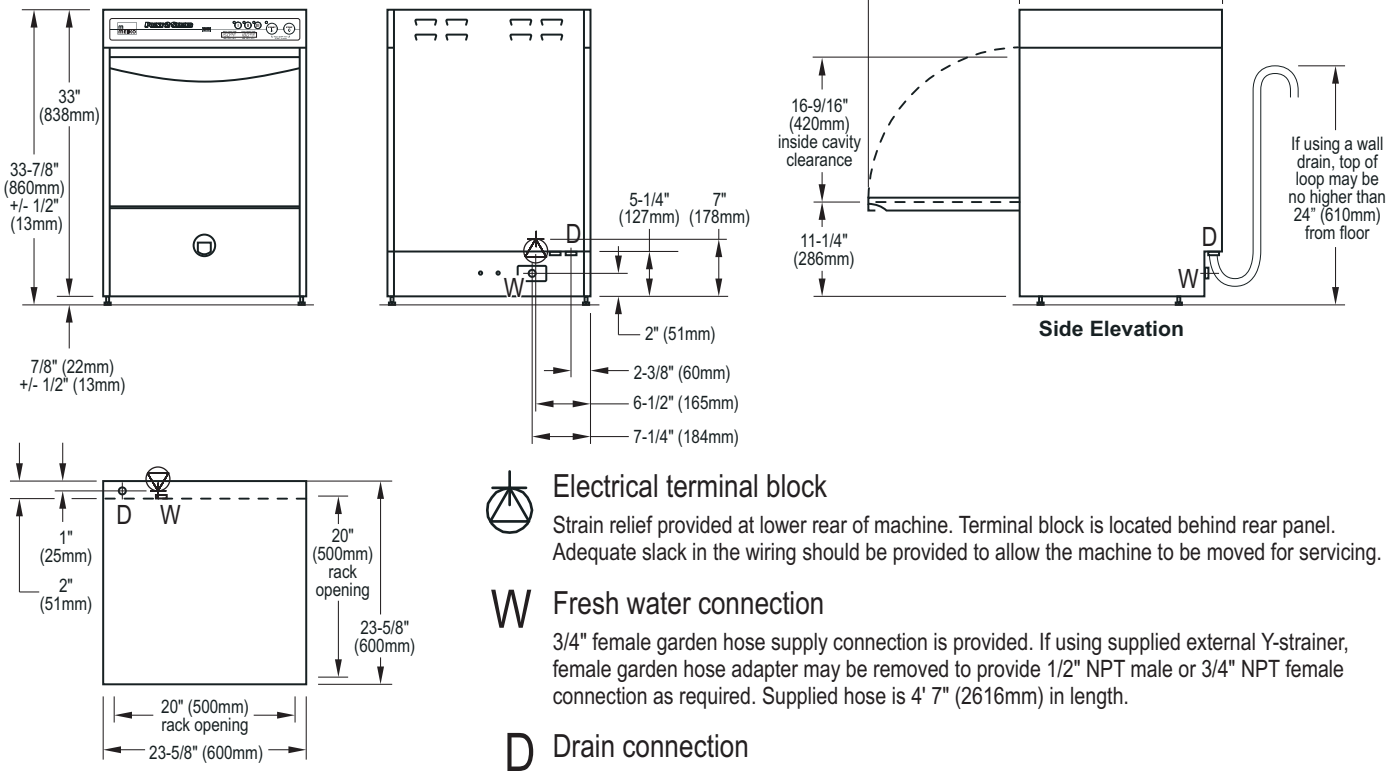
Machine / Shipping Details:

Shipping Weight	218 lbs. (98.9 kg)
Shipping Size (W x D x H)	28” x 29” x 40” (711 x 737 x 1016mm)

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Dimensions

All dimensions from floor +/- 1/2" (13mm) due to adjustable feet.
Height is not adjustable if using optional inline roller frame.



Electrical terminal block

Strain relief provided at lower rear of machine. Terminal block is located behind rear panel. Adequate slack in the wiring should be provided to allow the machine to be moved for servicing.

W Fresh water connection

3/4" female garden hose supply connection is provided. If using supplied external Y-strainer, female garden hose adapter may be removed to provide 1/2" NPT male or 3/4" NPT female connection as required. Supplied hose is 4' 7" (2616mm) in length.

D Drain connection

Requires indirect connection to 1-1/2" (38mm) drain pipe (wall or floor). Supplied hose is 4' 7" (2616mm) long and should be cut to appropriate length at time of installation to allow machine to be repositioned for servicing.

***"Auto Safe"* Feature:** The FV 40.2 guarantees that the minimum NSF 180°F (82°C) sanitizing final rinse temperature is achieved regardless of the incoming water temperature, even if connected to a cold water line, by automatically extending the wash cycle (if necessary) to provide additional heating time. Listed rack capacity assumes use of recommended 140°F (60°C) water supply. Exact rack capacity is dependent upon the incoming water temperature and on the electrical supply voltage.

Specification

FV 40.2 Item Number _____

Unit will be an NSF and cETL-listed MEIKO FV 40.2 hot water sanitizing undercounter dishwasher.

Operating voltage will be:

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

Unit will have three user-selectable cycles (of 95, 150 and 210 seconds) and will utilize 0.66 gallons (2.5 liters) of fresh rinse water per cycle.

Unit will feature front-mounted microcomputer controls including one-touch selection of cycle length and digital wash and rinse temperature displays..

Unit will have integral two-stage 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.

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 indicating if the detergent is empty.

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 one peg rack and one combination (flat) rack.

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

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

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MEIKO

The clean solution

FV 40.2 G

HOT WATER SANITIZING UNDERCOUNTER GLASSWASHER



Special Features:

- **Auto Safe temperature control system** - *Guarantees* 180°F (82°C) sanitizing final rinse temperature, *regardless of incoming water temperature*
- **Reduced size -** optimized for use as a glasswasher in smaller, space-restricted areas
- **MIKE 2 electronic control system** - advanced micro-computer technology for service diagnostics and end-user dishmachine settings. Includes one-touch operation, one-touch selection of three different cycle lengths, automatic temperature monitoring with digital display, and advanced service diagnostics
- **Active Plus filtration system** - Double filtration of wash water removes food soil, improves washing efficiency and saves detergent while easing cleaning chores
- **Soft Start wash pump** - Protects glasses from chipping or breaking
- **Aqua-Stop** - Automatically stops machine operation and turns off the external fill valve if an internal leak is detected
- **Built-in booster heater with power rinse pump** - Guarantees constant final rinse pressure and temperature for consistent, outstanding results

Standard Features:

- **ENERGY STAR** Qualified
- Capacity **37** racks per hour
- Water consumption **0.66** gallons (2.5 liters) per rack
- Double-wall construction keeps heat inside the machine, reducing energy consumption and heat loss into the dishroom environment
- Variable programmed time cycles - 95, 150 and 210 seconds
- Fully automatic - automatic fill, automatic start, and automatic reset
- Built-in liquid detergent and rinse aid pumps
- Pumped drain for both floor and wall drain applications
- Machine shutdown activates an automatic rinse of the wash chamber to ease cleaning
- Stainless steel non-clogging wash and rinse arms
- Sloped ceiling is safer for the user and prevents dripping of soiled water onto sanitized ware
- Front mounted controls with digital temperature displays
- 3/4 Hp (0.56 kW) wash pump
- 304 and 316L stainless steel construction for corrosion resistance
- Type A air gap system eliminates need for vacuum breaker
- Accommodates coated wire glass rack (included) as well as normal dishracks

Options:

- Stainless steel stand - adds 8” (203mm) to height
- Stainless steel cabinet stand - adds 16-3/4” (426mm) to height
- Inline roller frame - 1-3/8” (35mm) H. Replaces standard legs; overall machine height 34-3/8” (873mm)
- Power cord kit
- Drain water tempering kit

Technical Specifications:

Optimum Capacity:

Racks per hour	37
Dishes per hour	925
Glasses per hour	1332

Optimum Cycle Time (Seconds):

Wash Cycle	80
Dwell / Drain Time	9
Rinse Cycle	6
Total Cycle	95

Water Requirements:

Incoming Water Temperature (Optimum)	140°F (60°C)
Recommended Water Hardness	1-6 grains per U.S. gal.
Water Consumption per Rack	0.66 gals. (2.50 liters)
Water Consumption per Hour (max.)	24.42 gals. (92.44 liters)
Flow Pressure	8.7-72.5 psi (0.6-5.0 bars)
Incoming Waterline	3/4” garden hose
Drain line size	7/8” ID, 1-1/8” OD flexible hose
Maximum drain flow rate	15 gals. (56.8 liters) per minute

Required Operating Temperatures:

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

Tank Capacities:

Wash Tank	3.48 gals. (13.17 liters)
Booster Heater	1.71 gals. (6.47 liters)

Electrical Requirements:

Wash Tank Heat	3.27 kW @ 208V, 4.0 kW @ 230V
Booster Heater	3.53 kW @ 208V, 4.32 kW @ 230V
Wash Pump	3/4 HP (0.56 kW)

Approximate Total Load Amps:

- 208-230/60/1 ..... 39.6A @ 208V, 43.2A @ 230V
- 208-230/60/3 ..... 32.1A @ 208V, 34.9A @ 230V

Dimensions:

Overall (W x D x H)	23-5/8” x 23-5/8” x 29-1/2” (600 x 600 x 750mm)
Inside Clearance Height	12-7/16” (316mm)
Wall Clearance	Rear 1” (25mm) min.

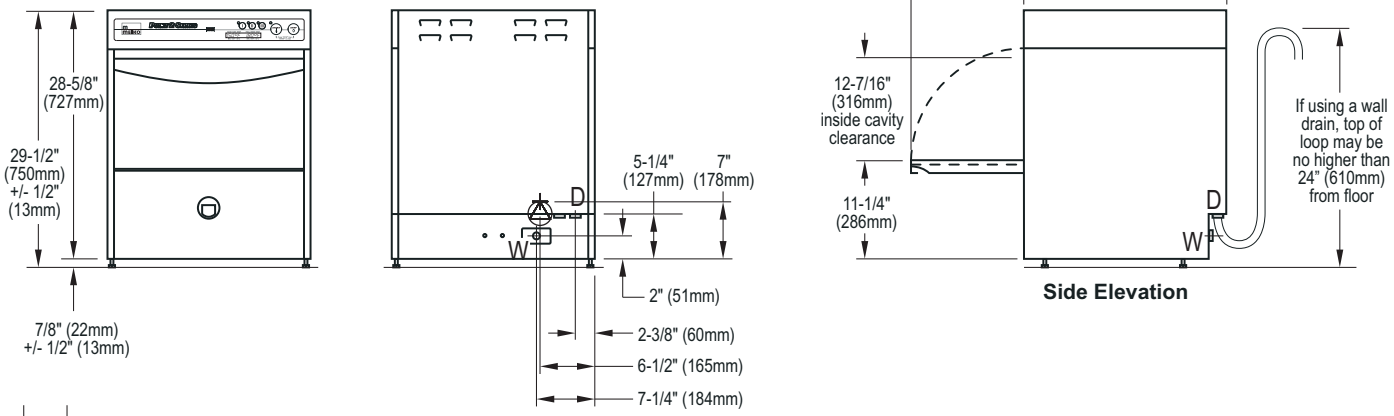
Machine / Shipping Details:

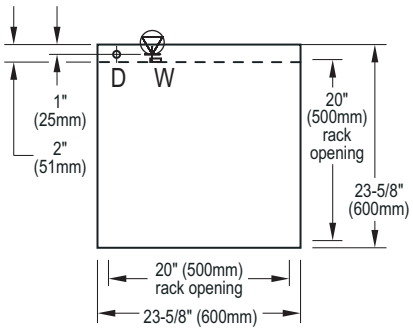
Shipping Weight	207 lbs. (93.9 kg)
Shipping Size (W x D x H)	28” x 29” x 37” (711 x 737 x 940mm)

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Dimensions

All dimensions from floor +/- 1/2" (13mm) due to adjustable feet.
Height is not adjustable if using optional inline roller frame.





Electrical terminal block

Strain relief provided at lower rear of machine. Terminal block is located behind rear panel. Adequate slack in the wiring should be provided to allow the machine to be moved for servicing.

W Fresh water connection

3/4" female garden hose supply connection is provided. If using supplied external Y-strainer, female garden hose adapter may be removed to provide 1/2" NPT male or 3/4" NPT female connection as required. Supplied hose is 4' 7" (2616mm) in length.

D Drain connection

Requires indirect connection to 1-1/2" (38mm) drain pipe (wall or floor). Supplied hose is 4' 7" (2616mm) long and should be cut to appropriate length at time of installation to allow machine to be repositioned for servicing.

"Auto Safe" Feature

The FV 40.2 G guarantees that the minimum NSF 180°F (82°C) sanitizing final rinse temperature is achieved regardless of the incoming water temperature, even if connected to a cold water line, by automatically extending the wash cycle (if necessary) to provide additional heating time. Listed rack capacity assumes use of recommended 140°F (60°C) water supply. Exact rack capacity is dependent upon the incoming water temperature and on the electrical supply voltage.

Specification

FV 40.2 G Item Number _____

Unit will be an NSF and ETL-listed MEIKO FV 40.2 G hot water sanitizing undercounter glasswasher.

Operating voltage will be:

_____ 208-230 V / 60 Hz / 1 Ph

_____ 208-230 V / 60 Hz / 3 Ph

Unit will have front mounted microcomputer controls, a 95 second total time cycle, and utilize 0.66 gallons (2.5 liters) fresh rinse water per cycle. Unit will utilize a fresh water pumped rinse for constant pressure and temperature every cycle. Unit will have integral wash tank soil removal system to maintain clean wash water. Unit will have built-in temperature safeguards to guarantee final rinse temperature meets minimum 180°F (82°C) requirement. Wash pump will be equipped with a soft start feature to reduce risk of chipped or broken ware. Unit will incorporate features to stop operation and turn off external fill valve if an internal leak is detected. Unit will have variable time cycles for heavier than normal soil loads. Unit will include built-in liquid detergent and rinse aid pumps.

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

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