114000.1 Item 10

10.15.10 per A1101

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)
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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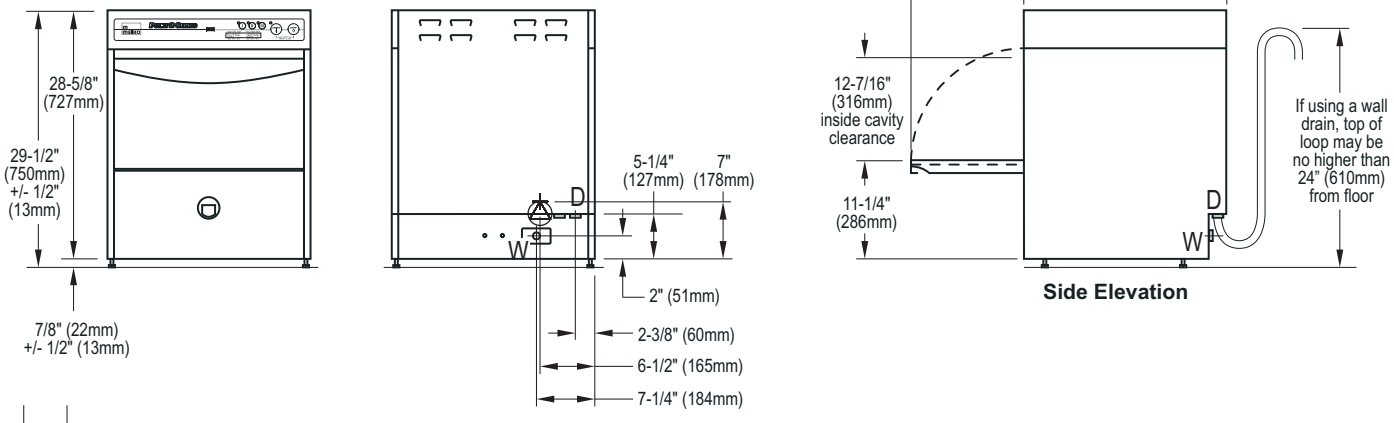
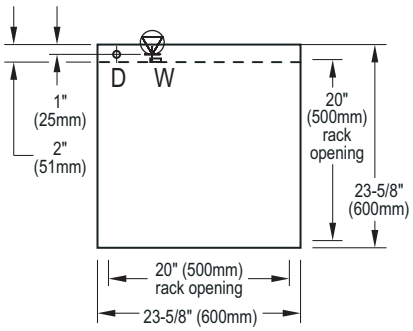
Dimensions

Compatible with 1/A0607

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

Per Spec 114000.1

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 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.

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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CANNONDESIGN

SUBMITTAL IDENTIFICATION SHEET

To be completed by Contractor/CM

WEBSTER UNIVERSITY ISB
PROJECT NAME

8274 BIG BEND BLVD
ADDRESS

NUMBER

WEBSTER UNIVERSITY
OWNER

CANNON DESIGN
ARCHITECT / ENGINEER

Joe Voypick
SUBMITTED BY

114000-006 REV1
CONTRACTOR / CM SUBMITTAL NO.

CANNON DESIGN SUBMITTAL NO.

DRAWING / DETAIL REFERENCE

114000
SPECIFICATION SECTION / PARAGRAPH

MANUFACTURER / SUPPLIER

ITEM / PRODUCT ID

REQUIRED DATE

PRIORITY

◯ CRITICAL

ITEM BEING SUBMITTED (check only one)

- ◯ Shop Drawings
- ◯ Samples (_____ copies)
- ◯ LEED Submittal
- ◯ Certification / Qualifications
- ◯ Record Documents
- ◉ Product Data
- ◯ Coordination Drawing
- ◯ Calculations
- ◯ Schedules
- ◯ O&M Manuals
- ◯ Other _____

ITEM BEING SUBMITTED FOR (check only one)

◉ Action ◯ Information Only ◯ Record

REMARKS OR DEVIATIONS

CONTRACTOR / CM CERTIFICATION
(SUBMITTALS NOT CERTIFIED WILL BE RETURNED WITHOUT REVIEW)

PARIC
PARIC CORPORATION
SUBMITTAL STAMP

THIS SHOP DRAWING HAS BEEN REVIEWED BY PARIC CORPORATION

Subcontractor remains responsible for dimensions, quantities, coordination with other trades and compliance with contract documents.

By:
Devin D. Gates

Approved

Approved for design content only. Contractor is responsible for field dimensions, quantity and site/equipment coordination as required.

Dennis G. Glore, Inc.
By: MDG Date: 02/22/2017

Joe Voypick
REVIEWED BY

2/21/17
DATE

To be completed by Reviewer

11 4000-006 REV002
CANNON DESIGN SUBMITTAL NUMBER

2/21/17
RECEIVED DATE

- ◉ A. No Exceptions Taken
  No further review of submittal is required.
- ◯ B. Make Corrections Noted
  Incorporate corrections in work; resubmission is not required.
- ◯ C. Revise and Resubmit
  Revise as noted, and resubmit for review.
- ◯ D. Rejected
  Submittal is not in compliance with Contract Documents; provide new submittal.
- ◯ E. For Record / Information Only
  Submittal was reviewed for Record / Information purposes only.
- ◯ F. Not Required for Review
  Submittal is not required by Contract Documents and has not been reviewed.

Review is for conformance with the design concept of this project and for general compliance with contract documents. Contractor is responsible for quantities, dimensions and compliance with contract documents and for information that pertains to fabrication processes, construction techniques and coordination of this work with all trades which will be affected thereby. This review is null and void if submittal deviates from contract documents and does not indicate or note deviations.

A/E COMMENTS ◯ See attached sheet(s) for additional comments

REVIEWED BY

DATE

77 Westport Plaza
Suite 250
St. Louis, MO 63146

TRANSMITTAL

No. 15051-0504

Paric Corporation

PROJECT: 15051-Webster University Interdisciplinary Science Building

DATE: 02/21/2017

TO: Cannon Design
1100 Clark Ave
St Louis MO 63102

Fax;
314-241-2203

RE: Dish Washer Product Data

ATTN: Kelvin Patel

JOB: 15051

WE ARE SENDING:	SUBMITTED FOR:	ACTION TAKEN:
☐ Shop Drawings	☑ Approval	☐ Approved as Submitted
☐ Letter	☐ Your Use	☐ Approved as Noted
☐ Prints	☐ As Requested	☐ Returned After Loan
☐ Change Order	☐ Review and Comment	☐ Resubmit
☐ Plans		☐ Submit
☐ Samples	**SENT VIA:**	☐ Returned
☐ Specifications	☐ Attached	☐ Returned for Corrections
☑ Other: Product Data	☐ Separate Cover Via:	☐ Due Date:

Item	*Package*	*Code*	*Rev.*	*Copies*	*Date*	*Description*	*Status*
Submittal		114000-006	2		02/21/2017	Dish Washer Product Data	Submitted

NOTES:

CC:

Signed: _____
Devin Gates

Approved

Approved for design content only. Contractor is responsible for field dimensions, quantity and site/equipment coordination as required.

Dennis G. Glore, Inc.

By: MDG Date: 02/22/2017