HIGH TEMPERATURE HEAT RECOVERY UNDERCOUNTER GLASSWASHER

181-VL

High Temperature
Undercounter Glasswasher

CMA MODEL: 181-VL

Stainless Steel Pedestal
24"W X 25-3/8"D X 15-1/4"H

FEATURES

- Soft Start feature lowers noise and reduces chance of glass breakage
- Reduces water vapor for under bar application
- Heat Recovery System promotes faster drying of glasses
- Large 11-1/4" height clearance accommodates larger glassware.
- Top mounted controls are easy to read and simple to operate.
- 304 Stainless Steel construction
- 20 racks or 600 glasses per hour (30 glasses per rack)
- .73 gallon of water per cycle or rack
- Safe-T-Temp booster heater for a 70°F rise
- 180°F fresh water final rinse
- Detergent and rinse aid chemical pumps
- 180 seconds cycle
- Removable Stainless Steel pump protection screen for easy cleaning
- Reduced energy costs-uses only cold water supply
- Raised door height makes it easier to remove racks
- 1.0 HP corrosion resistant pump
- Stainless Steel upper and lower wash and rinse arms
- Automatic fill function
- 6" Stainless Steel Legs
- Built in Delime switch.

AVAILABLE OPTIONS

- 4" Stainless Steel Legs

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c UL us LISTED COMMERCIAL DISHWASHER 864T

CMA Dishmachines 12700 Knott Street Garden Grove, CA 92841 • 800-854-6417 • 714-898-8781 • Fax: 714-895-2141 • www.cmadishmachines.com

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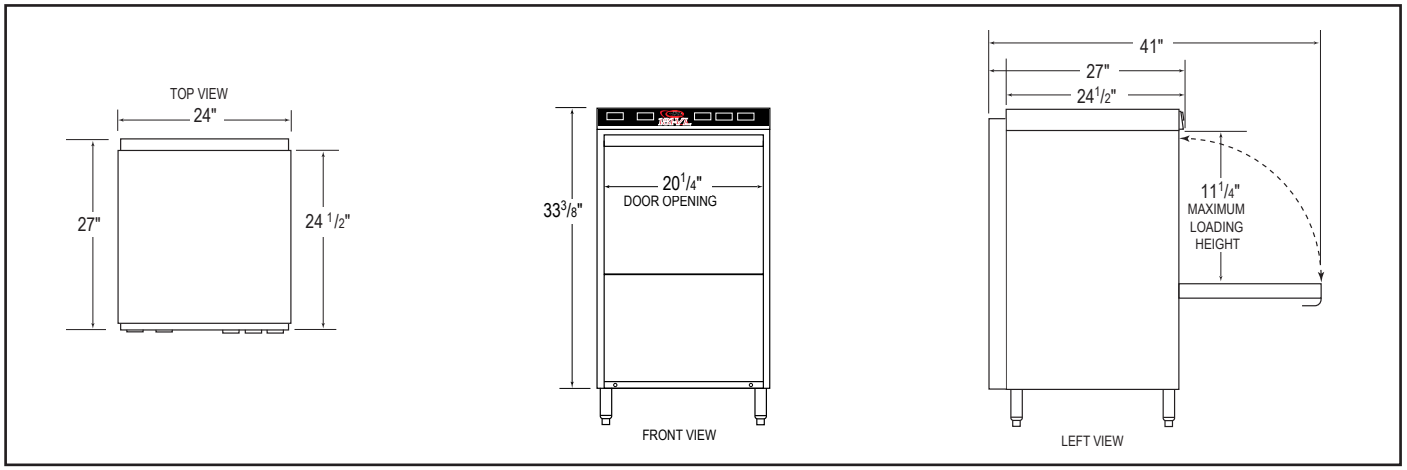
High Temperature
Heat Recovery Undercounter
Glasswasher

WARNINGS:

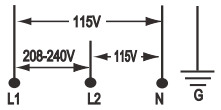
- Plumbing connections must be made by a qualified service company who will comply with all available Federal, State, and Local Health, Plumbing and Safety codes.
- CMA recommends utilizing a water softening system to maintain water hardness measurements of 3.5 gpg (grains per gallon) or less. This will assure maximum results and optimum operation of the dishmachine.



Specifications:

MODEL CMA 181-VL	USA	(Metric)
WATER CONSUMPTION		
PER RACK	.73 GAL.	(2.76 L)
PER HOUR	14.6 GAL.	(55.3 L)
OPERATING CYCLE		
WASH TIME–SEC	96	96
RINSE TIME–SEC	14	14
DWELL TIME-SEC	3	3
VENT FAN-SEC	65	65
TOTAL CYCLE TIME-SEC	178	178
OPERATING CAPACITY		
RACKS PER HOUR	20	20
WASH TANK CAPACITY	2.5 GAL.	(9.46 L)
PUMP CAPACITY	38 GPM	(144 LPM)
WATER REQUIREMENTS		
COLD WATER TEMP	41-65°F	(5-18°C)
WATER INLET	1/2"	(1.27 CM)
DRAIN CONNECTION	1"	(2.54 CM)
RINSE PRESSURE SET	20 ±5PSI	1.41 KG/CM²
CYCLE TEMPERATURES		
WASH-°F	150° F-160° F	(65.5°C/71°C)
RINSE-°F	180° F-195° F	(82°C/90°C)

CMA 181-VL	USA	(Metric)
FRAME DIMENSIONS		
DEPTH	27"	(68.6 CM)
WIDTH	24"	(60.96 CM)
HEIGHT	33-3/8"	(84.77 CM)
MAX CLEARANCE FOR DISHES	11-1/4"	(28.6 CM)
WASH PUMP MOTOR	1 HP	1 HP
ELECTRICAL RATING	**208 VOLTS 1 PH-60 Hz**	**240 VOLTS 1 PH-60 Hz**
TOTAL AMPS	33.0 AMPS	36.0 AMPS
BOOSTER HEATER KW	5.3 KW	7.1 KW
THIS SYSTEM REQUIRES THREE POWER WIRES WHICH INCLUDES A CURRENT CARRYING NEUTRAL. AN ADDITIONAL FOURTH WIRE MUST BE PROVIDED FOR MACHINE GROUND. NO GFI BREAKER.		
APPROXIMATE SHIPPING WEIGHT	272#	(123 KG)
SHIPPING DIMENSIONS	PALLET & BOX 29" X 28" X 41"	



Summary Specifications: CMA 181-VL

The CMA 181-VL undercounter dishmachine with heat recovery technology reduces hot water vapor at end of cycle, provides hot water (1800F) sanitizing through the use of a built-in booster heater. 180°F final rinse safety system ensures proper temperatures in the final rinse by holding wash cycle in run mode until 180°F rinse temperature is detected. The unit comes standard with upper and lower stainless steel wash and final rinse arms, digital LED temperature gauges and easy to operate controls. The CMA 181-VL is constructed entirely of stainless steel. Uses standard 19-3/4"X19-3/4" glassracks with a 11-1/4" door clearance. This dishmachine only requires a cold water hookup.

Advisory: CMA does NOT endorse "Tankless On-Demand" water heaters for use on CMA Dishmachine products. CMA DOES endorse, and highly recommends, the standard "tank" style water heaters, sized properly to handle each particular facility with their water heating requirements.

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