



CMA-180-VL

High Temperature
3- Door Single Rack
Dishwasher

New
"Ventless"
Heat
Recovery and
Condensation
Removal
Option



The "Ventless" option is a Heat Recovery Condensation Removal System:

Captures and distributes normally exhausted heat from the wash/rinse tank, using this FREE energy to pre-heat cold water prior to feeding the booster heater. Water entering the booster heater has been pre-heated, reducing the energy cost to bring booster temperature to required 180 degrees, potentially saving THOUSANDS of \$ in operational costs.

NO VENT HOOD REQUIRED: Saves THOUSANDS \$ on installation.

Features:

- **Replaces need for independent vent hood.**
- Final rinse valve receives cold water (41-65° F) that is processed through "heat recovery system", providing nearly cost free heating capabilities for water supplied to the booster heater, which reduces the recovery time for the booster heater.
- Heat recovery system captures water vapor from the wash & rinse cycle, and condenses it to heat the incoming cold water & evacuate the steam from the wash chamber.
- Door-actuated start.
- Safe-T-Temp feature assures 180°F sanitizing rinse every cycle.
- 12kW electrical booster heater.
- Booster-safety thermostat.
- 6kW wash tank heater.
- Low max. 0.89 US gallons of water usage per rack.
- Minimum 90-second cycle. (60 second wash/rinse & 30 second steam evacuation)
- 40 racks per hour (based on 90-second cycle).
- Fully automatic cycle for easy operation.
- Water level safety control.
- Maximum clearance for dishes is 17-1/2".
- All Stainless Steel construction.
- Wash tank screens, which filter recirculating wash water, prevent soil from entering spray arms.
- 3-door feature for straight or corner applications.
- Automatic heat exchange condenser wash-down feature.
- Rinse PRV supplied (Pressure Regulating Valve).
- Field convertible from three phase to single phase.
- Simple, rugged durability that you expect from CMA.
- Door Safety Interlock System (DSI) assures that doors remain locked throughout the entire cycle, allowing the HR system to evacuate the vapor from the machine.

Available Options:

- Alternative electrical available for export
- Stainless steel dishtables
- Dual power supply connections

**CMA
MIZER®**
Registered Trademark

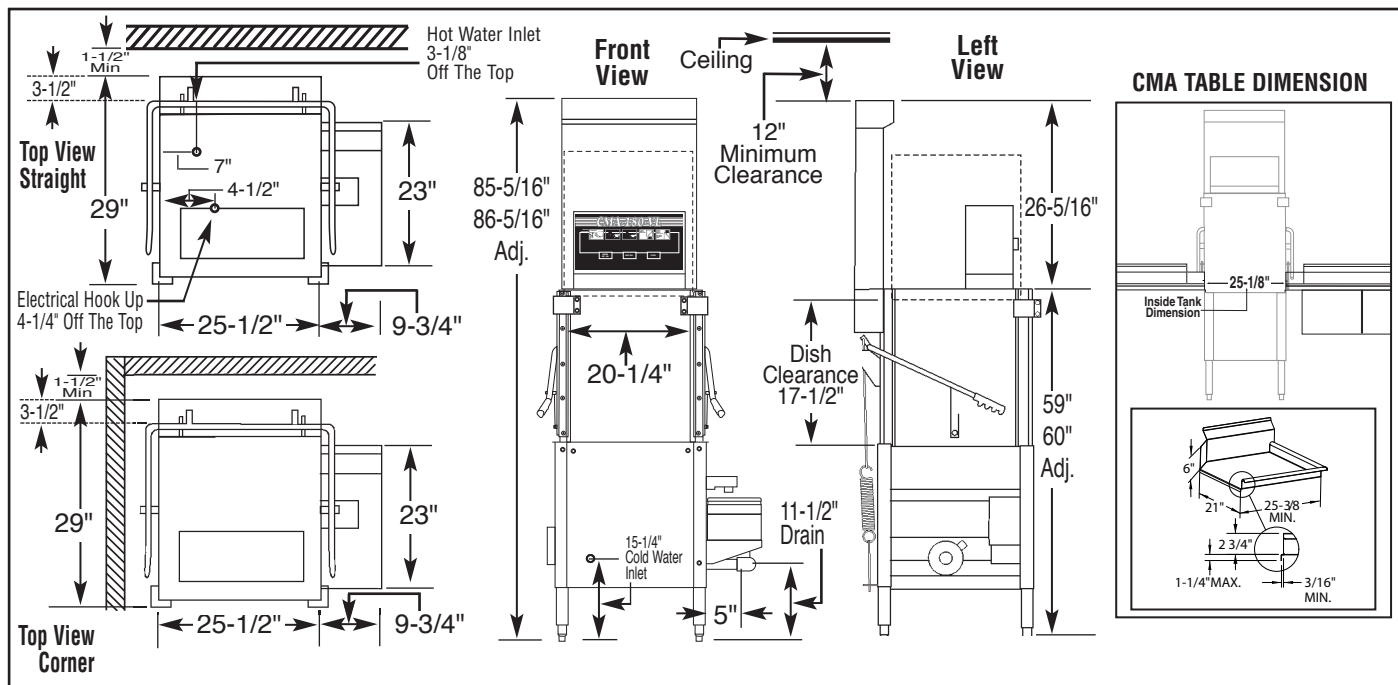




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WARNING: Plumbing connections must be made by a qualified service company who will comply with all available Federal, State, and Local Health, Plumbing and Safety codes.



Specifications:

MODEL CMA-180-VL	USA	METRIC	USA		METRIC	
WATER CONSUMPTION PER RACK (MAX) PER HOUR OPERATING CYCLE WASH TIME - SEC. RINSE TIME - SEC. STEAM EVACUATION TOTAL CYCLE	.89 GAL 36 GPH	(3.37 L) (139 L)	WASH PUMP MOTOR HP	1	1	
			DIMENSIONS			
			DEPTH	29"	(76.7cm)	
			WIDTH (OUTSIDE DIMENSION)	25 -1/2"	(65cm)	
			HEIGHT	85-5/16"-86-5/16"	(216-217cm)	
OPERATING CAPACITY RACKS PER HOUR	40	40	STANDARD TABLE HEIGHT	34"	(86.3cm)	
WASH TANK CAPACITY	8 GAL.	(30.3 L)	MAX CLEARANCE FOR DISHES	17-1/2"	(44cm)	
PUMP CAPACITY	52 GPM	(197 LPM)	DRAIN CONNECTION (OFF FLOOR)	11-1/2"-12-1/2"	(29-32cm)	
WATER REQUIREMENTS COLD WATER HOT WATER DRAIN CONNECTION RINSE PRESSURE SET HOT WATER INLET COLD WATER INLET OPERATING TEMPERATURE WASH-°F (MIN) RINSE-°F (MIN) HEAT LOAD TO ROOM (BTU/HR) LATENT 8,200 SENSIBLE 4,800	41-65°F 120°F -140°F 2" 20 ± 5psi 1/2" 1/2"	(5°C-18°C) (49°C - 60°C) (5.1cm) (1.41 kg/cm²) (1.3cm) (1.3cm)	STANDARD DISHRACK	1	1	
			DIMENSIONS	19-3/4" X 19-3/4"	(50X50cm)	
			ELECTRICAL RATING	VOLTS	PHASE	AMPS
			INCLUDES	208	1	78
			REQUIRED 12kW	240	1	88
			BOOSTER	208	3	49
				240	3	55
				480	3	25
				APPROXIMATE SHIPPING WEIGHT		
					500#	(226.5kg)

Summary Specifications: Model CMA-180-VL

The model CMA-180-VL single tank, high temperature dishwasher is designed for years of trouble free service, producing sparkling results while conserving energy, water and chemicals. This machine is supplied with a built-in 12 kW booster heater required for "Ventless" feature to function. The CMA-180-VL comes standard with the 3-door feature for straight or corner applications. Unique soil purging system filters wash water and plate debris into an external tray. The CMA-180-VL is NSF, UL, CUL and CE approved. Constructed entirely of stainless steel.

