



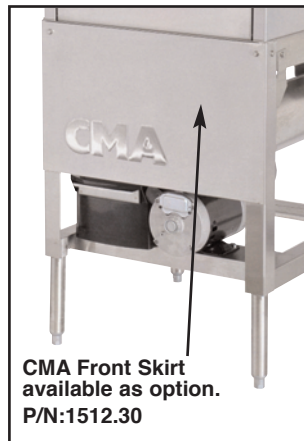
## EST-FL (FRONT LOADER)

Chemical Sanitizing  
Single Rack  
Dishmachine



EST-FL  
(Front Loader)  
Without  
Hot water  
Assurance  
System  
P/N:1614.50

EST-FL  
(Front Loader)  
With  
OPTIONAL  
Hot water  
Assurance System  
P/N:1614.00



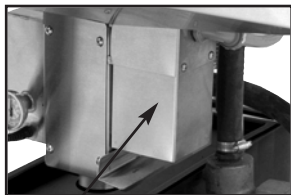
CMA Front Skirt  
available as option.  
P/N:1512.30

### Features:

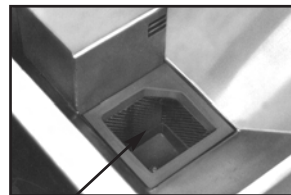
- 75% less floor space than traditional Dishmachines (compact space-saving design)
- Standard 20"X20" racks
- Requires only 5.06 sq ft of floor space
- Front loading door design provides optimal working height for easy loading and unloading of dishes
- 90 sec cycle (40 racks per hour)
- Energy Star water saving design uses only 1.09 gallons of water per cycle
- Standard 115v electrical circuit
- Powerful Stainless Steel pump with Upper and Lower Wash Arms
- Pumped fresh water rinse system
- Low-temp chemical sanitizing system which requires minimum 120 degree, ideal 140 degree water supply
- Top mounted controls with automatic 3-product dispensing system
- Large 16" dish clearance height
- Interchangeable components compatible with other CMA products
- Built-in scrap accumulator
- Inside sump design
- ETL/UL/Energy Star Certified

### Available Options

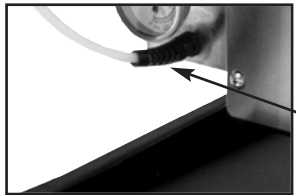
- Built-in Hot Water Assurance System provides hot water every cycle
- Sanitizer Alarm
- CMA Front Skirt



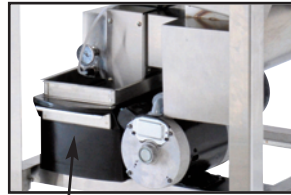
Internal power drain saves space, quiet activation. Drains quickly.



Self cleaning pump screen prevents service calls.



Unique sanitizing system injector is located close to pump, allowing sanitizing to take place immediately. Strategic location eliminates chlorine damage to the machine.



Built-in "Poly Pro"™ scrap accumulator. With Stainless Steel tray and cover.

**CMA**  
**MIZER**®  
Registered Trademark



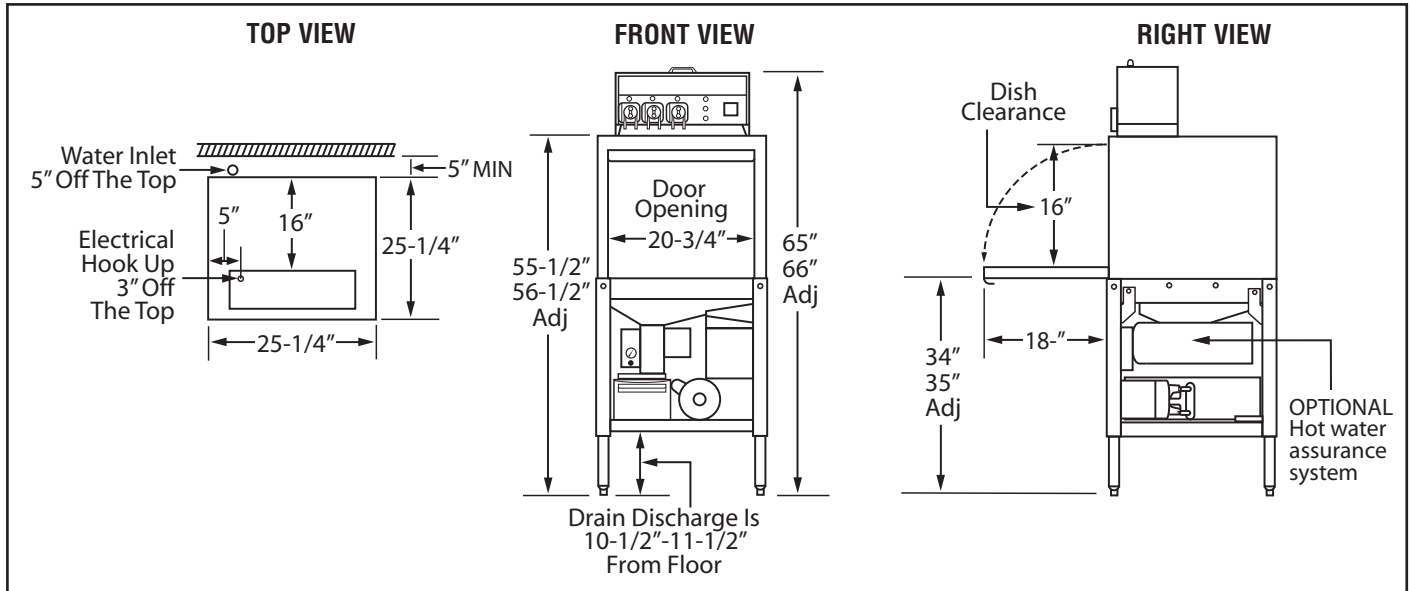


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Single Rack  
Dishmachine

### 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 EST	USA	METRIC	USA	METRIC
<b>WATER CONSUMPTION</b>				
PER RACK	1.09 GAL.	(4.12L)		
PER HOUR	43.6 GPH	(165 L)		
WATER INLET	1/2"	(1.27cm)		
DRAIN	2"	(5.1cm)		
<b>OPERATING CYCLE</b>				
WASH TIME - SEC.	53	53		
RINSE TIME - SEC.	30	30		
DWELL	7	7		
TOTAL CYCLE	90	90		
<b>OPERATING CAPACITY</b>				
RACKS PER HOUR	40	40		
<b>WASH TANK CAPACITY</b>	1.09 GAL.	(4.12 L)		
<b>PUMP CAPACITY</b>	52 GPM	(197 LPM)		
<b>OPERATING TEMPERATURE</b>				
REQUIRED	120°F	(49°C)		
RECOMMENDED	140°F	(60°C)		
<b>FRAME DIMENSIONS</b>				
DEPTH	25-1/4"	(64.1cm)		
WIDTH	25-1/4"	(64.1cm)		
HEIGHT	55-1/2"-56-1/2"	(141.2cm-143.5cm)		
MAXIMUM CLEARANCE HEIGHT FOR DISHES	16"	(40.6cm)		
<b>STANDARD DISHRACK</b>	1	1		
DIMENSIONS	19-3/4"X19-3/4"	(50X50cm)		
<b>WASH PUMP MOTOR HP</b>	1	1		
<b>ELECTRICAL RATING</b>	<b>VOLTS</b>	<b>AMPS</b>		
	115	16		
<b>APPROXIMATE SHIPPING WEIGHT</b>	243# (With HTR)	(110 kg)		
	243# (With No HTR)	(110 kg)		
<b>SHIPPING DIMENSIONS</b>	PALLET & BOX @ 41" X 41" X 66" (With HTR)			
	PALLET & BOX @ 41" X 41" X 66" (No HTR)			

### Summary Specifications: Model EST Front Loader

The Energy Mizer model EST FRONT LOADER low temperature, chemical sanitizing commercial dishwasher meets UL Electrical and ETL Sanitation (NSF Standard 3) standards. Model EST FRONT LOADER is constructed entirely of stainless steel. Each unit automatically washes, rinses and sanitizes food service utensils in standard 20" x 20" racks. Unit comes with upper and lower stainless steel wash arms.

**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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CMA reserves the right to modify specifications or discontinue models without prior notification.

PN: 10127.00

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