



# C24EA-PS SERIES

## Electric Counter Convection Steamer



SELL SHEET

Model C24EA5-PS



ANSI/NSF Standard #4

### SPECIFIER STATEMENT

Single compartment electric convection steamer. PowerSteam™ superheated 235°F steam for faster cook times. High output stainless steel generator with two-speed Staged Water Fill. Generator also includes Smart Drain System (timed drain) with PowerFlush. Professional Controls with 60 minute timer, buzzer, and constant steam feature, cook/ready lights and power switch. Stainless steel exterior and cooking compartment with coved interior corners. Heavy duty door and door latch mechanism with door gasket guard. Shipped for 208/60-50/3 electrical service. Can be field converted to 208/60-50/1, 240/60-50/3 and 240/60-50/1. Split water line connection. 1½" NPT drain connection.

#### Exterior Dimensions:

3 pan: 24" w x 33" d x 19½" h  
5 pan: 24" w x 33" d x 26" h

UL Listed. Classified by UL to NSF Standard #4.

Project \_\_\_\_\_  
AIA # \_\_\_\_\_ SIS # \_\_\_\_\_  
Item # \_\_\_\_\_ Quantity \_\_\_\_\_ C.S.I. Section 114000

### MODELS

- C24EA3-PS 3 pan capacity
- C24EA5-PS 5 pan capacity

### STANDARD FEATURES

- PowerSteam 235°F superheated steam
- High output stainless steel steam generator
- Staged Water Fill includes high-speed initial fill and low-speed fill during operation
- Smart Drain System (timed drain) with PowerFlush
- 60-minute timer with constant steam setting
- Illuminated power switch with cook and ready lights
- Cord strain relief
- Stainless steel exterior and cooking compartment with coved interior corners
- Heavy duty door and door latch mechanisms with gasket guard
- Shipped for 208/60-50/3 electrical service; can be field converted to 208/60-50/1 and 240/60-50/3 and 240/60-50/1
- Split water line connection; 1½" NPT drain connection
- One year limited parts and labor warranty

### OPTIONS

- Ultrasonic SonicSafe™ Scale Prevention for automatic protection against mineral buildup, includes second year extended limited parts and labor warranty
- Second year extended limited parts and labor warranty contract

### ACCESSORIES (PACKAGED AND SOLD SEPARATELY)

- CB15K Carbon Block filtration (for water treatment *with* Ultrasonic SonicSafe™ Scale Prevention)
- SMF600 ScaleBlocker® water treatment system, includes second year warranty (for water treatment *without* Ultrasonic SonicSafe™ Scale Prevention)
- 4" adjustable counter legs
- Open leg 24" w stand with shelf and 1 set of adjustable pan slides
  - 28" h
  - 34" h
  - 6" locking casters
- Stacking kit for two units with hardware, counter mount or on 15" and 28" stands
 

**Note:** Only a single 3 or 5 pan steamer or two 3 pan steamers can be stacked on a 28" h stand. Single 3 or 5 pan steamers only on a 34" h stand. Any combination of two steamers can be stacked on a 15" stand.

  - 15" open leg stand
  - 6" locking casters
- Cord and plug set, 208-240v/1ph (rated to 45 amps) 72": ANGLED PLUG HBL9462C NEMA 14-60 (CORDPLG-3PAN1P)
- Cord and plug set, 208-240v/3ph (rated to 40 amps) 72": ANGLED PLUG HBL8462C NEMA 15-60 (CORDPLG-3PAN3P).
- Cord and plug set, 208-240v/3ph (rated to 55 amps) 72": ANGLED PLUG HBL8462C NEMA 15-60 (CORDPLG-5PAN3P)
- Cord and plug set, 480v/3ph (rated to 30 amps) 72": STRAIGHT PLUG HBL2731 NEMA L16-30 (CORDPLG-5PAN480)
- Flex stainless steel water connection 72" ¾" female NSHT on both ends, 2 required and 3 with filter system, Qty. \_\_\_\_\_

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Approved by \_\_\_\_\_ Date \_\_\_\_\_ Approved by \_\_\_\_\_ Date \_\_\_\_\_

### SERVICE CONNECTIONS

- ELECTRICAL CONNECTIONS:** Field Wire Electrical Connection 1 1/4" (32 mm) K.O. service entrance.
- DRAIN:** 1 1/2" IPS piped to open drain. No solid connections. 60" length before open air gap opening and not more than two bends or elbows. **Note:** Stacked units must have independent drains, do not connect together.
- GENERATOR WATER SUPPLY:** 3/4" (19 mm) male NSHT to generator, flow rate 4 gpm @ minimum 20 to maximum 60 psi. (138-414 kPa) treated water.
- CONDENSING WATER SUPPLY:** 3/4" (19 mm) male NSHT to condenser, flow rate 4 gpm @ minimum 20 to maximum 60 psi. (138-414 kPa) untreated water.

### WATER QUALITY STATEMENT

The fact that a water supply is potable is no guarantee that it is suitable for steam generation. Your water supply must be within these general guidelines:

<b>SUPPLY PRESSURE</b>	20 - 60 psig
<b>HARDNESS*</b>	less than 3 grains
<b>SILICA</b>	less than 13 ppm
<b>TOTAL CHLORINE</b>	less than 0.1 ppm
<b>pH RANGE</b>	7-8
<b>UN-DISSOLVED SOLIDS</b>	less than 5 microns
* 17.1 ppm = 1 grain of hardness	

Other factors affecting steam generation are iron content, amount of chloridation and dissolved gases. Water supplies vary from state to state and from locations within a state. Therefore it is necessary that the local water treatment specialist be consulted before the installation of any steam generating equipment.

### NOTES

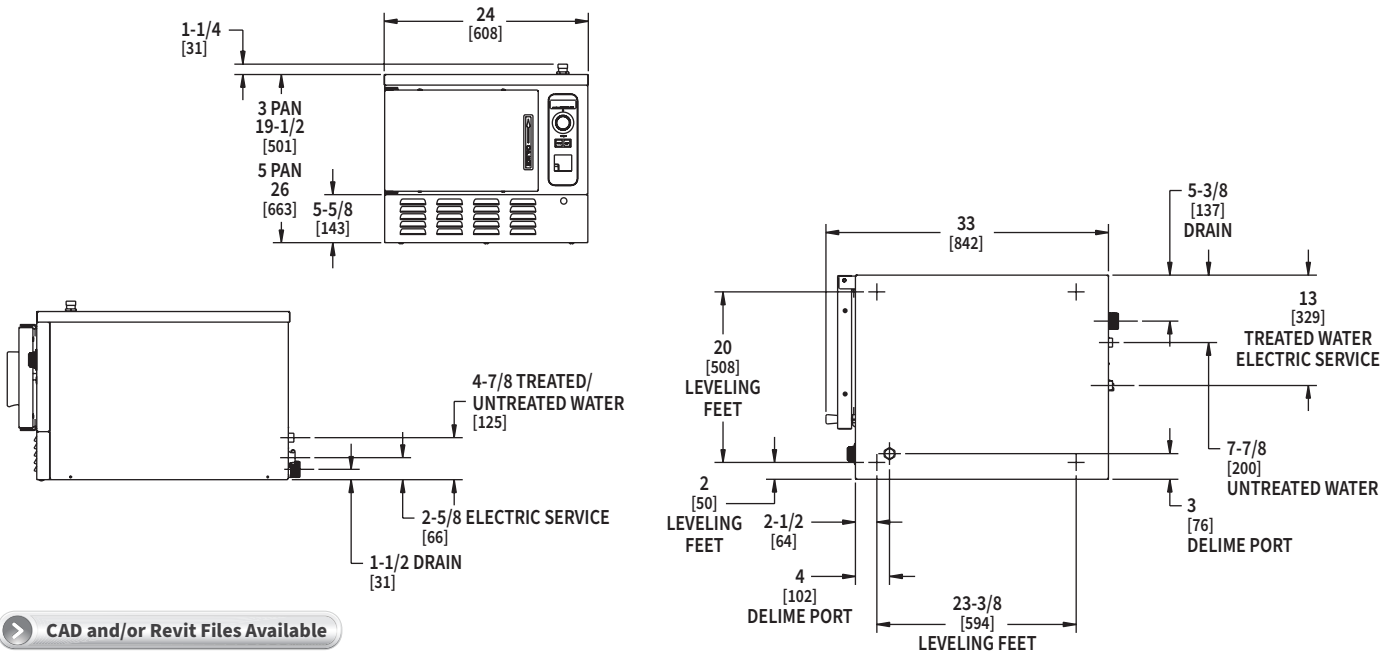
- Dimensions which locate the above connections have a tolerance of + or - 3" (+ or - 75mm).
- Installation of backflow preventers, vacuum breakers and other specific code requirements is the responsibility of the owner and installer. It is the responsibility of the owner and installer to comply with local codes.
- Do not use plastic drains.
- This appliance is manufactured for commercial installation only and is not intended for home use.

#### INSTALLATION MANUAL

Pan Capacity				
Model	1"	2 1/2"	4"	6"
C24EA3-PS	6	3	2	1
C24EA5-PS	10	5	3	2

Professional Control Package							
Model	PH	208V		240V		480V	
		KW	Amp	KW	Amp	KW	Amp
C24EA3-PS	1	9.25	44	9.25	39		
	3	9.25	29	9.25	23	9.25	12
C24EA5-PS	1	15.75	75	15.75	66		
	3	15.75	50	15.75	39	15.75	20

**NOTE:** 208 volt, 3 phase is an unbalance load, and amp listed is the max on any leg. Refer to the I/O manual for further details.



**CAD and/or Revit Files Available**

As continued product improvement is a policy of Vulcan, specifications are subject to change without notice.