



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



## HC24EA SERIES

### Counter Convection Steamer – Professional Controls



HC24EA5  
shown on open leg stand



### SPECIFIER STATEMENT

Single compartment electric convection steamer. Professional Controls with 60-minute timer, buzzer and constant steam feature, cook/ready lights and power switch. High output stainless steel generator with SmartDrain and Powerflush along with 2-speed staged water fill for superior heat-up and steam quality. 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.

### MODELS

- HC24EA3 3 Pan Capacity
- HC24EA5 5 Pan Capacity

### STANDARD FEATURES

- + High output stainless steel steam generator
- + 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
- + Smart Drain System (timed drain) with PowerFlush
- + Professional controls with 60-minute timer, buzzer and constant steam feature, cook/ready lights and power switch
- + 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
- + Split water line connection. 1½" NPT drain connection
- + One year limited parts and labor warranty

### ACCESSORIES (Available at extra cost)

- 4" legs.
- Open leg stand
  - 28" open leg stand with pan slides 24"w x 28"h
  - 34" open leg stand with pan slides 24"w x 34"h
  - Set of two universal pan slides for open leg stand
  - Stand sliding shelf
- Flex stainless steel water connection 72", ¾" female NSHT on both ends, 2 required
- Stack kit
- Cord and plug set
- Casters
- Water treatment system

HC24EA SERIES COUNTER CONVECTION STEAMER – PROFESSIONAL CONTROLS

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



# HC24EA SERIES

## Counter Convection Steamer – Professional Controls

### SPECIFICATIONS

**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 tee at back of unit to be installed as a vent for the drain line opening and not more than two bends or elbows.

**Generator Water Supply:** 3/4" (19 mm) hose bib to generator, flow rate .5 gpm @ minimum 25 to maximum 50 psi. (170-345 kPa).

**Condensing Water Supply:** 3/4" (19 mm) hose bib to condenser, flow rate .5 gpm @ minimum 25 to maximum 60 psi. (170-345 kPa).

### 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>CHLORIDES</b>	25 ppm maximum
<b>CHLORINE/CHLORAMINES</b>	0.1 ppm maximum
<b>pH RANGE</b>	7-8
<b>UN-DISSOLVED SOLIDS</b>	less than 5 microns

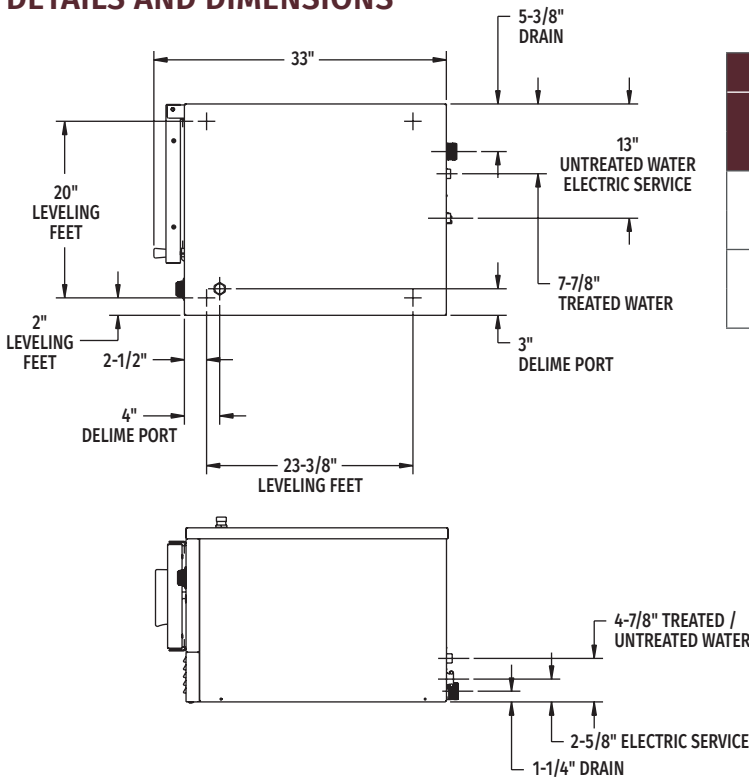
\* 17.1 ppm = 1 grain of hardness

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.

### NOTE:

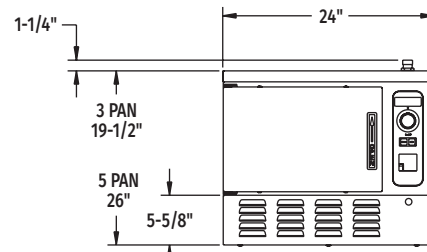
- Dimensions which locate the above connections have a tolerance of + or -3" (+ or -75 mm).
- Installation of backflow preventers, vacuum breakers and other specific code requirements is the responsibility of the owner and installer. It is the responsibility of the owner and installer to comply with local codes.
- Plastic drains are not recommended due to inherent limited temperatures of the plastic. Generator purge temperatures may exceed 180°F. The installer may be required to provide means to reduce generator purge water temperature to be that of the condensate temperature of 140°F or less.
- This appliance is manufactured for commercial installation only and is not intended for home use.

### DETAILS AND DIMENSIONS



PAN CAPACITY				
Model No.	1" deep	2 1/2" deep	4" deep	6" deep
HC24EA3	6	3	2	1
HC24EA5	10	5	3	2

ELECTRICAL DATA					
Model No.	Phase	208 Volt		240 Volt	
		KW	Amp	KW	Amp
HC24EA3	1	8.5	41	8.5	36
	3	8.5	27	8.5	21
HC24EA5	1	15	72	15	63
	3	15	48	15	36



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

