



ELECTRIC COUNTER CONVECTION STEAMER

Auto Fill, Auto Drain



☐ R24-6

OPERATION SHALL BE BY:

Electrically heated steam generator operating at 0 psi (0 kPa) with field replaceable elements rated at:

☐ 15.0 kW

The steam generator shall be equipped for operation on:

- ☐ 208 VAC, 3 Phase, 50/60 Hz *
- ☐ 240 VAC, 3 Phase, 50/60 Hz *
- ☐ 220 VAC, 3 Phase, 50/60 Hz *
- ☐ 380/220 VAC, 3 Phase, 50/60 Hz 4 wire
- ☐ 415/240 VAC, 3 Phase, 50/60 Hz 4 wire

*** UNIT SHALL BE FIELD CONVERTIBLE TO SINGLE PHASE**

STANDARD FEATURES:

- Water Treatment System
- 304 stainless steel exterior
- 316 stainless steel cooking chamber with coved corners
- Heavy gauge stainless steel door with full perimeter gasket
- Positive lock and seal mechanism with spring release door
- Illuminated power switch
- Ready indicator light
- Cooking indicator light
- 60 minute electromechanical timer with end of cycle audible alarm
- Removable stainless steel pan supports

OPTIONS & ACCESSORIES AT ADDITIONAL COST

- | | | |
|---|---|--|
| <input type="checkbox"/> 380 VAC, 3 phase, 50/60 Hz | <input type="checkbox"/> Correctional package | <input type="checkbox"/> 4" (102 mm) adjustable legs (SSL) |
| <input type="checkbox"/> 415 VAC, 3 phase, 50/60 Hz | <input type="checkbox"/> High sensitivity level controls (R.O. water) | <input type="checkbox"/> Stacking kit for (2) units |
| <input type="checkbox"/> 480 VAC, 3 phase, 50/60 Hz | <input type="checkbox"/> Constant steam feature | <input type="checkbox"/> Interconnect plumbing for 2 units (factory installed) |
| <input type="checkbox"/> 600 VAC, 3 phase, 50/60 Hz | <input type="checkbox"/> 120 minute timer | <input type="checkbox"/> 28" high single unit stand |
| <input type="checkbox"/> Decrease 15 kW to 12 kW | <input type="checkbox"/> Load compensating timer | <input type="checkbox"/> 18" high double unit stacking stand |

STANDARD CONSTRUCTION SPECIFICATIONS

Shall be a Southbend Steam model R24-6 (6 pan) counter convection steamer with electric steam generator, c-CSA-us and NSF certified.

Unit shall be constructed of satin finish 304 stainless steel with a one piece welded 316 stainless steel cooking chamber with coved corners.

The door shall have a removable inner liner of stainless steel with full perimeter gasket seal, an outer liner of one-piece all welded stainless steel, and a positive lock and seal mechanism. The steamer shall have removable stainless steel pan supports and a stainless steel drip trough integrally connected to the drain in order to collect condensate when the door is opened, and adjustable leveling feet.

The control housing shall be constructed of stainless steel with a full access removable panel. The controls shall include an illuminated three way power switch (On/Off/De-lime), a pilot ready light, a pilot cook light,

60 minute electric timer with audible alarm at the end of the cooking cycle.

Steam flow to the cooking chamber shall be interrupted when the door is opened and shall be reactivated when door is closed.

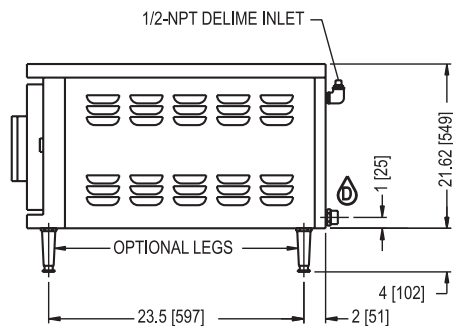
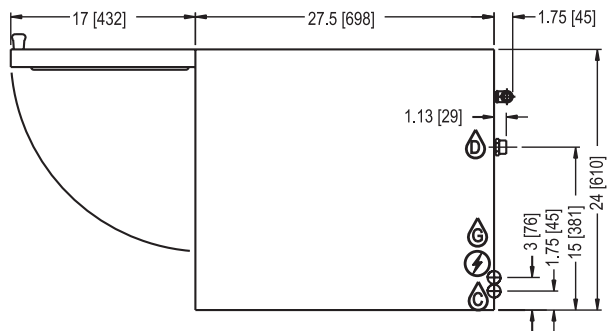
Standard features include a de-liming port located at the rear of the unit for easy access to allow cleaning of the generator tank, de-lime mode power setting, automatic blowdown valve, solid state liquid level controls and split water connections for simple hook up to a water treatment system.

The steamer is constructed so that it may be mounted flush to the counter top or on 4" (102 mm) legs (optional). The steamer may also be stacked using a stacking kit.

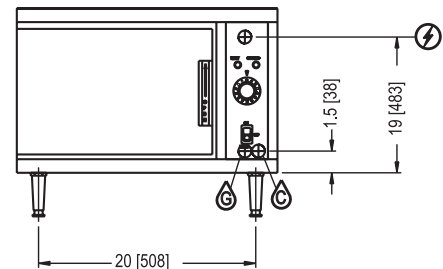
SEE REVERSE SIDE OF SPEC SHEET FOR WATER TREATMENT SYSTEM STATEMENTS



Approval Notes: _____

**SERVICE CONNECTIONS**

- ⚡ – ELECTRICAL CONNECTION: Rating to be as specified on data plate.
- 💧 – COLD WATER: 3/8" (10 mm) O.D. tubing at 25-50 psi (170-345 kPa).
- 🚰 – DRAIN: 2" (51 mm) IPS piped to open floor drain. No solid connection.
- ⚡ – GENERATOR WATER: 3/8" (10 mm) O.D. tubing at 25-50 psi (170-345 kPa).

**ELECTRICAL CHARACTERISTICS**

MODEL	kW	AMPS/PHASE									
		208V		220V		240V		380V	415V	480 V	600V
		1 PH	3 PH	1 PH	3 PH	1 PH	3 PH	3 PH	3 PH	3 PH	3 PH
R24-6	15 Standard	72	42	69	40	63	36	23	21	18	15
	12 Optional	58	34	55	32	50	29	19	17	15	12

COMPARTMENT PAN CAPACITY

Model	Pan Depth			
	1"	2-1/2"	4"	6"
R24-6	12	6	3	2

WATER QUALITY STATEMENT

Water is the essential ingredient in steam equipment, water quality is the major factor affecting the performance of your appliance. Crown Steam Group offers a Comprehensive Water Treatment System which exceeds our minimum water requirements. Proof of installation and proper cartridges replacement is required for warranty coverage. Water supply to Crown Steam Group steamers must be within these guidelines.

Total dissolved solids.....Less than 60 PPM
 Total alkalinityLess than 20 PPM
 Silica.....Less than 13 PPM
 ChlorineLess than 1.5 PPM
 pH Factor6.8 - 7.3

Water which does not meet these standards should be treated with the installation of Middleby's Water Treatment System. Call 919-762-1000 if you have questions concerning your water meeting these parameters.

*Failure or malfunction of this appliance due to poor water quality is not covered under warranty.

Reference www.crownsteamgroup.com for complete warranty details and instructions.

**INTENDED FOR COMMERCIAL USE ONLY.
NOT FOR HOUSEHOLD USE.**

