



# ELECTRIC COUNTER STEAMER AUTO FILL, MANUAL DRAIN

Job \_\_\_\_\_  
Item# \_\_\_\_\_



Model shown is an R18-4

Model	Compartment Pan Capacity			
	PanDepth			
	1"	2-1/2"	4"	6"
R18-4	8	4	2	2

### OPERATION SHALL BE BY:

Electrically heated, boiler free steam generation rated at:

- 9.0 kW for Model R18-4

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 \*

**\*- UNIT SHALL BE FIELD CONVERTIBLE TO SINGLE PHASE AND ALSO CONFIGURABLE TO 2/3 RATING.**

6 kW for model R18-4

### STANDARD FEATURES:

- Automatic water fill 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
- On/Off power switch
- Ready indicator light
- Cooking indicator light
- Low water indicator light with audible alarm
- 60 minute electromechanical timer with end of cycle audible alarm
- 4" adjustable legs
- Removable stainless steel pan supports
- Removable steam diffuser plate helps prevent objects from falling into water reservoir
- Water supply in "Y" strainer

### OPTIONS AND ACCESSORIES:

- 380 VAC, 3 phase, 50/60 Hz
- 415 VAC, 3 phase, 50/60 Hz
- 480 VAC, 3 phase, 50/60 Hz
- 600 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
- Correctional package
- Constant steam feature
- 120 minute timer
- Drain hose kit
- 28" high single unit stand and double unit stacking stands available (Contact factory for details)

### SPECIFICATIONS:

Shall be a Southbend model **R18-4 (4 pan)** countertop, boiler free convection steamer, c-CSA-us and NSF certified. Unit shall be constructed of #4 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 with spring release. The steamer shall be provided with removable stainless steel pan supports and steam diffuser plate.

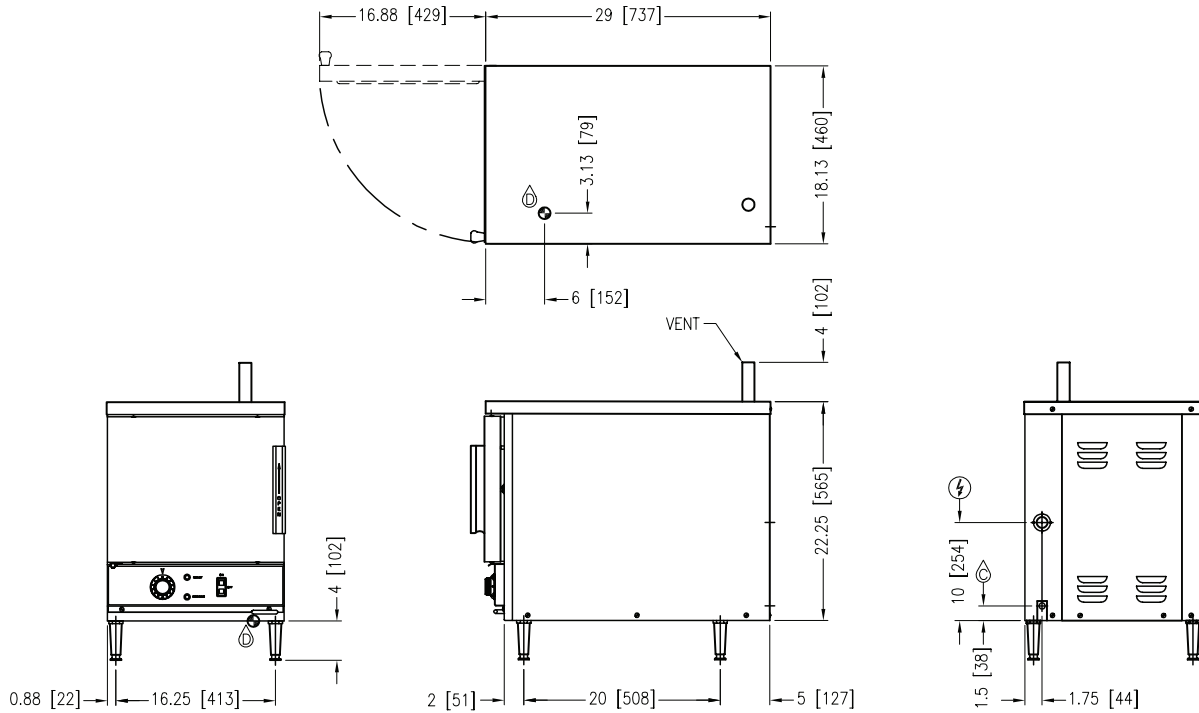
The control housing shall be constructed of stainless steel with a full access removable panel. The controls shall include an On/Off switch, a ready indicator light, cooking indicator light, 60 minute electric timer with audible alarm at the end of the cooking cycle and an automatic water fill system. Steam flow to the cooking chamber shall be interrupted when the door is opened and shall be reactivated when door is closed. Provide options and accessories as indicated.

**NOTE: DRAIN PAN PROVIDED BY OTHERS.**

**\*SEE REVERSE SIDE OF SPEC SHEET FOR WATER TREATMENT SYSTEM STATEMENTS\***



Models:  R18-4



**SERVICE CONNECTIONS**

- ⚡ – ELECTRICAL CONNECTION:  $\varnothing$  1 1/8" hole for 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), connected to Y strainer
- Ⓓ – DRAIN: 1/2" (13 mm) NPT

**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
R18-4	9	43.3	25.0	40.9	23.6	37.5	21.7	13.7	12.5	10.8	8.7
	6	28.9	N/A	27.3	N/A	25.0	N/A	N/A	N/A	N/A	N/A

**PAN CAPACITIES**

MODEL	PAN DEPTH	INCHES	1"	2.5"	4"	6"	SHIPPING WEIGHT	MINIMUM CLEARANCE	
		MM	25	64	102	152			
R18-4	Total Quantity of Pans		8	4	2	2	172 lbs. [78 kg]	SIDES	0
								BACK	3

**WATER QUALITY STATEMENT**

Water quality is the major factor affecting the performance of your appliance. If you are unsure of water quality, consult a local water treatment specialist and have the water analyzed. Your water supply must be within these general guidelines:

- Total dissolved solids.....Less than 60 PPM
- Total alkalinity .....Less than 20 PPM
- Silica.....Less than 13 PPM
- Chlorine .....Less than 1.5 PPM
- pH Factor .....7.0 - 8.5

Water which fails to meet these standards should be treated by installation of water conditioner.

**\*FAILURE OR MALFUNCTION OF THIS APPLIANCE DUE TO POOR WATER QUALITY IS NOT COVERED UNDER WARRANTY.\***

At no additional charge, SOUTHBEND auto-fill countertop steam units will be shipped with either a complete water treatment system part number 1190861 (for single steamer) or 1190862 (for stacked steamers) and will include an extended limited parts and labor warranty in (6) month intervals for up to (2) years from original date of equipment installation.

Reference [www.southbendnc.com](http://www.southbendnc.com) for complete water treatment system warranty details and restrictions.

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



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