



ELECTRIC STEAM COMPARTMENT COOKER WITH CABINET BASE

Job

Item#



MODEL	COMPARTMENTS	CAPACITY
EC-2	2	8-16 Pans
EC-3	3	12-24 Pans

SPECIFICATIONS:

Shall be a Crown Model _____, pressure compartment cooker with electric steam boiler. The cooker shall be constructed of all-welded satin finish stainless steel, type 304. The doors shall have a removable inner liner of aluminum plate with full perimeter gasket seal, an outer liner of one-piece all-welded stainless steel, and a wheel-and-screw closing mechanism. The doors, with a clear opening of 10-1/4" x 26-3/8", shall latch upon closing and shall open 15° upon latch release. Compartment operation shall be at a maximum pressure of 6 psi (41kPa).

The control housing shall be constructed of stainless steel with a full-access removable panel. The timing of each compartment shall be independently controlled by:

- Automatic timer controls with visible and audible signals. At the end of the cooking cycle, the controls automatically shut off and exhaust the incoming steam, drain the condensate from the compartment, and sound a continuous signal until turned off manually.

Each cooking compartment shall have either removable shelf supports with one slide-out shelf (second shelf optional) or removable universal pan supports. The capacities shall range as follows:

- Shelf supports: Four full size (1/1 gastronorm) pans, 2-1/2" or 4" (64mm or 100mm) deep.
- Universal supports: Eight full size (1/1 gastronorm) pans, 2-1/2" (64mm or 100mm) deep, or four full size (1/1 gastronorm) pans, 4" (100mm) deep.

The compartment cooker shall be mounted on a cabinet base with full perimeter angle frame, reinforced counter and boiler mountings, electric boiler with controls which shall include the following as standard, automatic water level control, pressure

gauge, water gauge glass, pressure control with secondary safety pressure control, air vent, safety relief valve and cathodic descaler. Thermostatically controlled cold water shall automatically condensate exhausted steam into water before releasing it to the drain. The cabinet shall be all stainless steel #4 finish type 304, hinged doors and 6" (152mm) stainless steel legs fitted with adjustable bullet feet on the front and flanged on the rear.

OPERATION SHALL BE BY:

Electrically heated steam boiler operating at 15 psi (103kPa) and rated at 24 KW.

The boiler shall be equipped for operation on:

- 208 VAC, 3 Phase, 50/60 Hz
- 240 VAC, 3 Phase, 50/60 Hz

OPTIONAL ITEMS AT EXTRA COST:

- 36 KW
- 42 KW
- 220 VAC, 1 Phase, 50/60 Hz
- 220 VAC, 3 Phase, 50/60 Hz
- 380 VAC, 3 Phase, 50/60 Hz
- 415 VAC, 3 Phase, 50/60 Hz
- 480 VAC, 3 Phase, 50/60 Hz
- 415/240 VAC, 3 Phase, 4 wire
- 380/220 VAC, 3 Phase, 4 wire
- California code
- CSD-1
- Stainless steel rear panel
- Automatic blow down
- Front flange feet
- Split water lines

ACCESSORIES:

- Extra shelf
- 12" x 20" x 2-1/2" perforated stainless steel pan
- 12" x 20" x 2-1/2" solid stainless steel pan
- 12" x 20" x 4" perforated stainless steel pan
- 12" x 20" x 4" solid stainless steel pan
- Steam take-off kit
- Delimiting kit
- Ball float trap
- Water in "Y" strainer
- Spray and rinse assembly

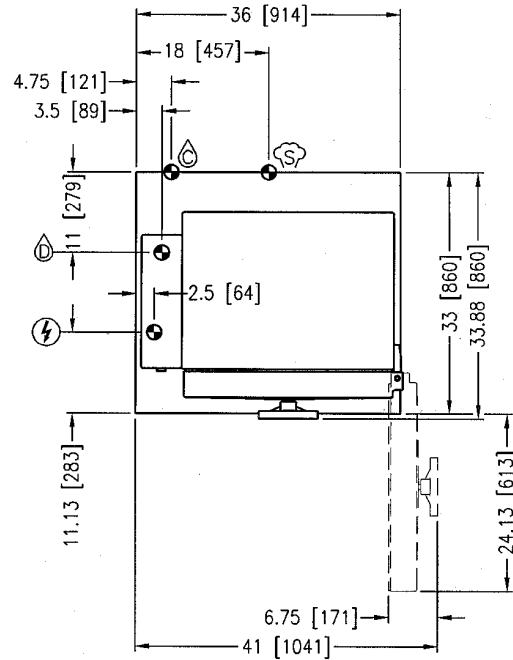
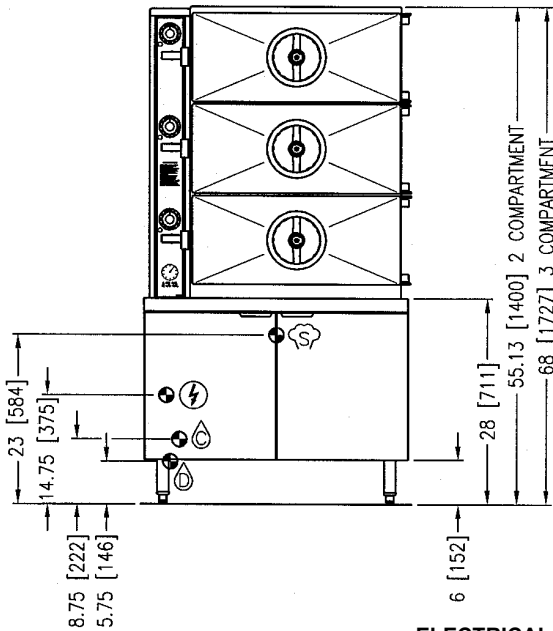


Models: EC-2 EC-3

MODEL	SHIPPING WEIGHT
EC-2	960 lbs. [435 kg.]
EC-3	1,100 lbs. [499 kg.]



REAR FLANGED FOOT DETAIL
2 EQUALLY SPACED
Ø 7/16" (11mm) HOLES
ON 2.5" (63mm) B.C.



IN (mm)
3147R0

ELECTRICAL CHARACTERISTICS

MODEL	PHASE	208V		230V		240V		380V		415V		480V	
		kW	AMPS	kW	AMPS	kW	AMPS	kW	AMPS	kW	AMPS	kW	AMPS
EC-2 or EC-3	3	24	66.6	24	62.9	24	57.7	24	36.5	24	33.4	24	28.9
	3	36	99.9	36	94.5	36	86.6	36	54.7	36	50.1	36	43.3
	3	42	116.6	42	110.2	42	101.0	42	63.8	42	58.4	42	50.5

SERVICE CONNECTIONS

- COLD WATER: 3/8" O.D. tubing at 25-50 PSI (170-345 kPa)
- DRAIN: 2" (51 mm) IPS piped to open floor drain. No solid connection.
- ELECTRICAL CONNECTION: 1/2" (13 mm) conduit connection to controls. 2 amps per compartment, 120-60-1 or 220-50-1.
- STEAM TAKE-OFF CONNECTION: 3/4" IPS optional to operate adjacent equipment.

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 solidsLess than 60 PPM
- Total alkalinityLess than 20 PPM
- Silica.....Less than 13 PPM
- ChlorineLess than 30 PPM
- pH Factor7.0 - 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. CONTACT CROWN FOR WATER QUALITY SOLUTIONS.

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



70 Oakdale Road, Toronto ON, Canada M3N 1V9
(919) 762-1000 www.crownsteamgroup.com