



ELECTRIC STEAM COMPARTMENT COOKER WITH CABINET BASE



SPECIFICATIONS:

Shall be a Crown Model _____, pressure compartment cooker, with electric steam boiler. The cooker shall be constructed of all-welded type 304 #4 finished stainless steel. The doors shall have a removable inner liner of aluminum plate with full perimeter gasket seal, an outer shell of one piece welded stainless steel, and a wheel-and-screw closing mechanism. The doors, with a clear opening of 10-1/4" x 26-3/8" (260 mm x 670 mm) shall latch upon closing and open 180 degrees upon latch release. Compartment operation shall be at a maximum pressure of 6 psi (41 kPa). Each compartment shall be provided with universal pan supports. Each optional sliding shelf will support two full size (1/1 gastronorm) pans.

The control housing shall be constructed of #4 finish stainless steel with a full-access removable panel. Each compartment shall be independently controlled by an automatic timer control 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 sounds a continuous audible signal until turned off manually.

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, and safety relief valve. 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 4 adjustable flanged feet for mounting to the floor. A water treatment system, automatic blowdown, CSD-1 boiler controls, nickel plating, and split water line comes standard.

SEE REVERSE SIDE OF SPEC SHEET FOR WATER TREATMENT SYSTEM STATEMENTS

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

OPERATION SHALL BE BY:

Electrically heated steam boiler operating at 9-11 psi (62-76kPa) and rated at 24 KW.

The boiler shall be equipped for operation on:

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

STANDARD FEATURES:

- Water Treatment System
- Automatic blowdown
- CSD-1 boiler controls
- Split water lines
- Water in "Y" strainer (condenser feed)

OPTIONAL ITEMS AT EXTRA COST:

- 36 KW
- 42 KW
- 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
- 575 or 600 VAC, 3 Phase, 60 Hz (EBVS-3)
- Stainless steel rear panel (SSB-)
- Steam take-off kit
- Spray and rinse assembly
- Sheet pan support (SPS-PC1 or SPS-PC2)
- Wire shelf rack (SSR-PC)

Job _____
Item# _____

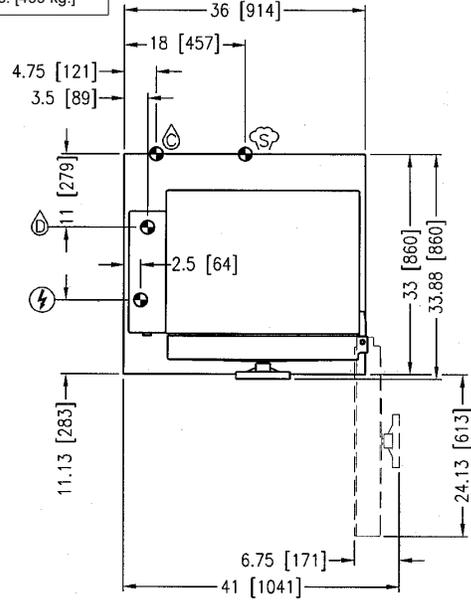
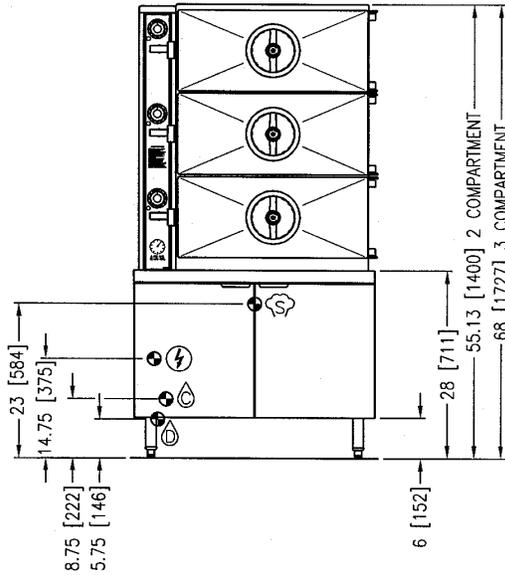


Models: EC-2 EC-3



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

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



IN (mm)
3147RO

ELECTRICAL CHARACTERISTICS

| MODEL | PHASE | 208V | | 220V | | 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: Field wiring electrical connection to be as specified on data plate.
- STEAM TAKE-OFF CONNECTION: 3/4" IPS optional to operate adjacent equipment.

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.**



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