

**CITY OF NEW YORK
DEPARTMENT OF BUILDINGS**

Pursuant to Administrative Code Section 27-131, the following equipment or material has been found acceptable for use in accordance with the Report of the Material and Equipment Acceptance (MEA) Division.

Patricia J. Lancaster, F.A.I.A., Commissioner

MEA 45-05-E

Report of Material and Equipment Acceptance Division

Manufacturer - Rational Cooking System, Inc. 455 E. State Parkway, Schaumburg, IL 60173.

Trade Name - Rational.

Product- Gas fired commercial convection steam cooker.

Pertinent Code Section(s) - 27-800, 27-826, RS 14-2 (ANSI Z223.1).

Prescribed Test(s) - RS 14-6 (ANSI Z83.11).

Laboratory - CSA Canadian Standards Association

Test Report(s) - File No. 153-117-1113966,1531117-1021613 dated July 28, 2004.

Description - The appliance is a gas fired steam cooker intended for cooking certain foods in commercial establishments. It comprises steam compartment controlled by timers, solenoid valves and pressure switches. It also employs relays, transformers, and liquid level controls. The steam compartments are supplied from internal steam generators, which are open to the atmosphere. The appliance is floor mounted and permanently connected to gas, electric and drain services.

Product Covered: Combination baking and roasting oven and steam generator/cooker models: SCC/CM 61G, SCC/CM 62G, SCC/CM 101G, SCC/CM 102G, SCC/CM 201G, SCC/CM 202G.

INPUT RATINGS

<u>SCC/CM 61G</u>	<u>SCC/CM 62G</u>	<u>SCC/CM 101G</u>	<u>SCC/CM 102G</u>	<u>SCC/CM 201G</u>	<u>SCC/CM 202G</u>
46,000	81,000	72,000	120,000	161,000	240,000

CLEARANCES

To combustible construction- SCC/CM (102/201/202)G Models

Rear: 2 inches

Left side: 14 inches

Right side: 2 inches

To combustible construction- SCC/CM (61/62/101)G Models

Rear: 4 inches
Leftside: 14 inches
Right side: 4 inches

To non-combustible construction (All models)

Rear: 2 inches
Leftside: 14 inches
Right side: 2 inches

For use only on- non-combustible floors.

ELECTRICAL RATINGS

SCC/CM (61/62/101)G Models -120 Volts; 2.1 Amps; 60 Hz; Single Phase
SCC/CM (102/201)G Models - 208/240 Volts; 15 Amps; 60 Hz; 1 or 3 Phase
SCC/CM 202G Models - 208/240 Volts; 15 Amps; 60 Hz; 3 Phase
120V or 208/240V; 1 phase ~ All Models.

Recommendation - That the above commercial steam cooker be accepted, when fired by natural gas only, under the following conditions:

1. Unit shall be installed in accordance with manufacturer's instructions, National Fuel Gas Code, and New York City Building Code requirements.
2. Cooking equipment shall be installed under hoods that vent to the outside and comply with Reference Standard RS-13 requirements of the New York City Building Code and have a fire suppression system complying with Reference Standards RS 13-2 and RS 13-3 with open heads and capable of simultaneous discharge and manual release. The Fire Suppression System exclusively used for cooking equipment shall be filed with the Buildings Department and examined and approved by the Fire Department.
3. Adequate supply of fresh air shall be provided into room or space enclosing equipment for unit ventilation and combustible requirements.
4. Special precautions regarding exhaust fans in the vicinity of the equipment may be required to prevent interference with operation of the equipment.
5. For grease removal, suitable baffle type grease filters, MEA accepted, shall be installed.

6. Gas line tubing and fitting connectors shall permit flexibility for operation, cleaning and servicing, and shall be MEA accepted for such use.
7. All gas line connections shall be made and equipment gas input settings shall be set by the licensed plumber installing unit.
8. All work provided by the installer from the point gas utility company main line service termination to the equipment shall be subject to approval by the plumbing inspector.
9. All shipments and deliveries of such equipment shall be provided with a permanent tag, suitably placed, certifying that the equipment shipped or delivered is equivalent to that tested and acceptable for use, as provided for in Section 27-131 of the Building Code.
10. Approval of all electrical equipment, apparatus, materials and devices shall be obtained from the Bureau of Electrical Control before installation.

Final Acceptance 4/27/05

Examined by Shye M. Fraser