



BLCM-102E

BLCM-102E

Single Electric
Boilerless Combination-Oven/Steamer



Shown on optional stand with casters

Project _____

Item No. _____

Quantity _____

- Standard pan cassette with 3.35" (85mm) spacing holds eight full size sheet pans or sixteen 12" x 20" x 2-1/2" deep North American hotel pans
- Optional pan cassette with 2.56" (65mm) spacing holds ten full size sheet pans or twenty 12" x 20" x 2" deep Gastronorm pans

Refer to operator manual specification chart for listed model names.

CONSTRUCTION

- 304 Stainless steel exterior and interior
- Dual pane tempered viewing window with hinged inner glass for easy cleaning
- 2" (50mm) fixed drain in the bottom center of cavity
- Door mounted drip tray reduces the risk of wet, slippery floors
- Automatic door stops in positions 110° and 180° for ease of loading and unloading and improved safety.
- Left hinge door is field convertible to the right side (with the purchase of conversion kit)
- Two step safety door latch. The first step stops the fan.

OPERATION

- Multiple cooking modes include hot air, combi 1 (30-40% steam), combi 2 (60-80% steam), retherming, steaming, low-temperature steaming, forced steam, and preheating
- Automated CombiWash, closed circuit cleaning system features very low water and detergent consumption and no contact with chemicals. No proprietary chemicals required, see owner's manual for detergent guidelines.
- Injection steam system - water is injected onto the heating elements, the resulting steam is distributed in the oven chamber by the fan wheel.
- User friendly control with dial and digital display
- Control stores up to 50 recipe programs with 10 cooking stages each
- Reversible 9 speed fan for optimum baking and roasting results
- Programmable time delay start
- 85°-480°F (30°-250°C) temperature range, 575°F (300°C) preheating
- Low water indicator

STANDARD FEATURES

- Rack support platform
- External core temperature probe with multiple measuring points. User-friendly location reduces strain on the probe
- 21-1/2" tall stainless steel stand with runners & adjustable feet
- Bright halogen lights for superior visibility
- Built in hand shower
- Removeable cleaning chemical bottle shelf
- 5 wire shelves
- Start-up inspection service by factory authorized service agent
- One year parts and labor oven warranty*

* For all international markets, contact your local distributor.



OPTIONS AND ACCESSORIES

(AT ADDITIONAL CHARGE)

- **Banqueting Accessories**
 - Pan cassette with 2.56" (65mm) spacing
 - Pan with 3.35" (85mm) spacing
 - Plate cassette with 2.56" (65mm) spacing holds 51 plates
 - Plate cassette with 3.35" (85mm) spacing holds 63 plates
 - Transport trolley, to move the cassette
 - Insulated thermal blanket with vent
- 21-1/2" tall stainless steel stand with runners & casters
- Wire oven rack
- Right hinge door
- Backflow preventer
- Extra year warranty

OPTIONS AND ACCESSORIES

(AT NO CHARGE)

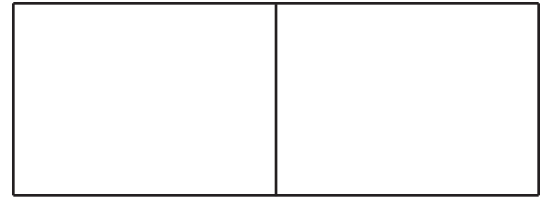
- Optional pan cassette with 2.56" (65mm) spacing

BLODGETT OVEN COMPANY

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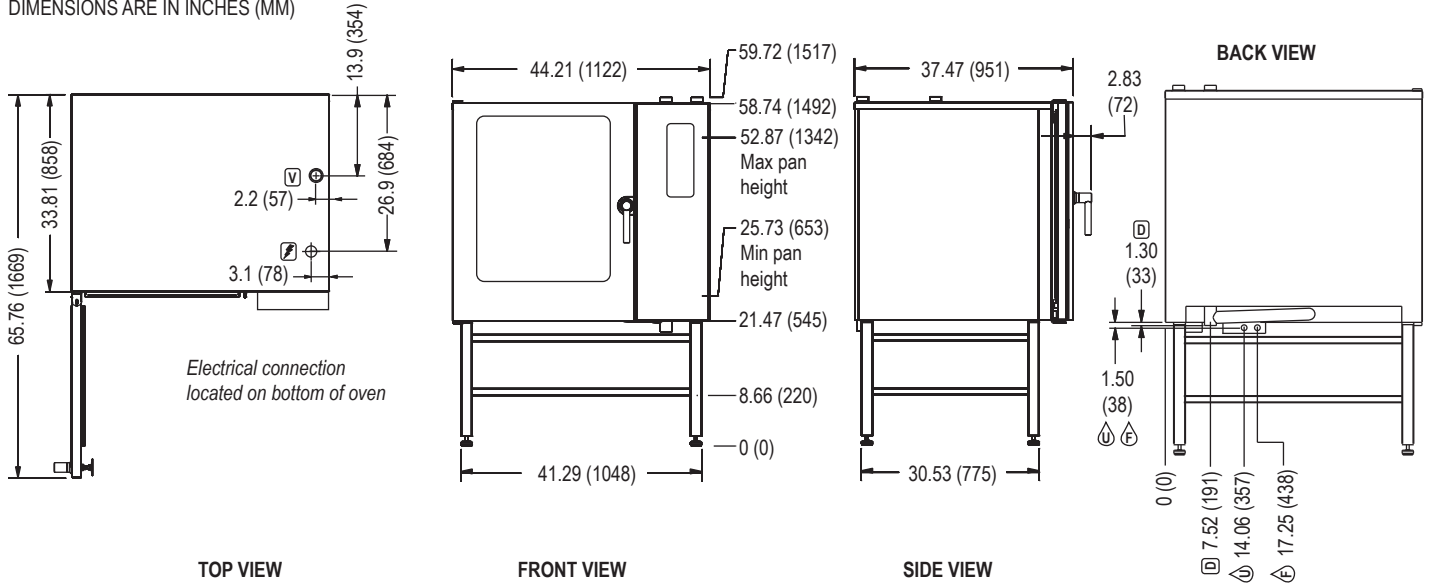


BLCM-102E



APPROVAL/STAMP

DIMENSIONS ARE IN INCHES (MM)



SHORT FORM SPECIFICATIONS: Provide Blodgett Combi model BLCM-102E boilerless combination-oven/steamer. The BLCM-102E has a pan cassette with 3.35" (85mm) spacing that holds Eight full size sheet pans or sixteen 12" x 20" x 2-1/2" deep North American hotel pans. The optional pan cassette with 2.5" (65mm) spacing holds ten full size sheet pans or twenty 12" x 20" x 2" deep Gastronorm pans. Unit shall have 304 stainless steel exterior and interior. Oven door shall have dual pane tempered viewing window with hinged inner glass for easy cleaning. Multiple cooking modes include hot air, combi 1 (30-40% steam), combi 2 (60-80% steam), retherming, steaming, low-temperature steaming, and preheating. Unit shall have the ability to cook with pressureless steam, hot air, or combination of steam and hot air. Unit shall have steam injection system. Unit shall have bright halogen lights for superior visibility. Standard control includes user friendly digital display with dial, ability to store up to 50 recipe programs with 10 stages per recipe, and time delay start. The reversible 9 speed fan provides optimum baking and roasting results. Automated CombiWash, closed circuit cleaning system features very low water and detergent consumption and no contact with chemicals. One-year parts and labor warranty. Provide start-up inspection service by a factory authorized service agent. Provide options and accessories as indicated.

DIMENSIONS:

Floor space: 44.21" x 37.47" (1122 x 951mm)
Unit height:
 Oven on stand 59.72" (1517mm)

OVEN CLEARANCES:

From combustible and non-combustible construction

Right 4" (102mm)
 Left 0" (0mm)
 Back 2" (50mm)

Blodgett recommends and 12" (305mm) be maintained on the control side for servicing.

MINIMUM ENTRY CLEARANCE:

Uncrated 37.47" (951mm)
 Crated 38" (965mm)

POWER SUPPLY:

Voltage	KW	Phase	Amperage
208 VAC	27	3	75
240 VAC	27	3	65
480 VAC	27	3	33

Other voltages available, contact factory

WATER SUPPLY & DRAIN:

Good quality water feed is the responsibility of the owner. Water quality must be within the following general guidelines.

TDS: 40-125 ppm Hardness: 35-100 ppm pH: 7.0 - 8.5
 Silica: <13 ppm Chlorides: <25 ppm Chlorine: <0.2 ppm
 Chloramine: <0.2 ppm

The best defense against poor water quality is a water treatment system designed to meet your water quality conditions. Blodgett offers optional systems from Optipure.

Pressure: 40(min)-50(max) PSI
 Connections: 2" drain connection - max. drain temperature 140°F (60°C)
 3/4" garden hose cold water

The drain piping must consist of temperature resistant material, greater than 160°F, and be of adequate diameter not to cause flow restriction. Improper materials may deform and cause restrictions, thus affecting performance.

Appliance is to be installed with backflow protection in accordance with federal, state or local codes.

SHIPPING INFORMATION:

Approx. weight: 715 lbs. (324 kg)
Crate size: 81" H x 38" W x 39" D (2057 x 991 x 991mm)

NOTE: The company reserves the right to make substitutions of components without prior notice

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