



## BLCT-102G

Single Gas

Boilerless Combination-Oven/Steamer  
with Touchscreen Control



*Shown on optional stand with casters*

### OPTIONS AND ACCESSORIES

(AT ADDITIONAL CHARGE)

#### ■ Banqueting Accessories

- ☐ Pan cassette with 2.56" (65mm) spacing
- ☐ Pan cassette with 3.35" (85mm) spacing
- ☐ Plate cassette with 2.56" (65mm) spacing holds 63 plates
- ☐ Plate cassette with 3.35" (85mm) spacing holds 51 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

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 of 110° and 180°
- 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

- Injection steam system - water is injected onto the heating elements, the resulting steam is distributed in the oven chamber by the fan wheel.
- Easy to use touchscreen control
- Multiple cooking modes include hot air, CombiSmart, CombiOptima, retherm, steaming, low-temperature steaming, forced steaming, proofing, preheating
- Stores up to 500 recipes with up to 15 steps each
- Manual or automatic cooling
- Automatic humidity pulsing
- External core temperature probe
- Rack timing allows for setting individual timers for each rack
- Reversible 9 speed fan for optimum baking and roasting results
- USB port for data and recipe transfer
- HACCP recording and documentation
- 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.

### STANDARD FEATURES

- Rack support platform
- External core temperature probe with multiple measuring points
- 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.*



### BLODGETT OVEN COMPANY

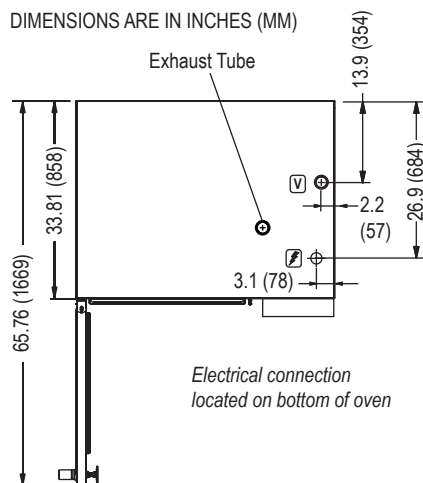
www.blodgett.com • 42 Allen Martin Drive, Essex Junction, VT 05452 • Phone: (802) 658-6600 • Fax: (802) 864-0183

BLCT-102G

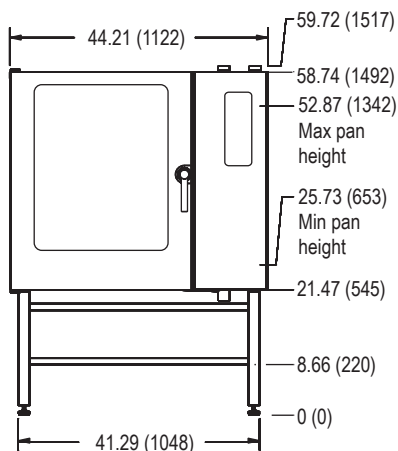


## BLCT-102G

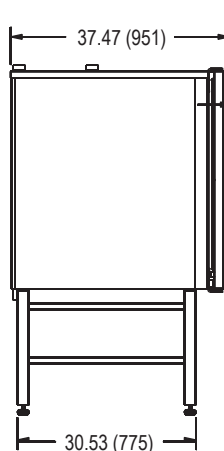
DIMENSIONS ARE IN INCHES (MM)



TOP VIEW



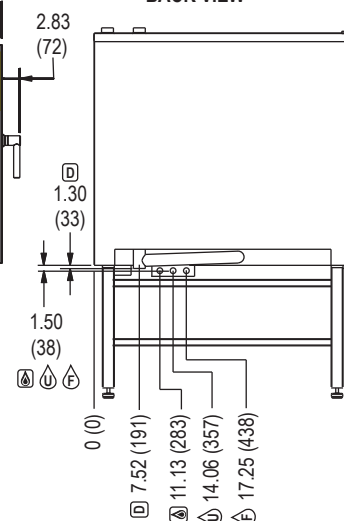
FRONT VIEW



SIDE VIEW

APPROVAL/STAMP

BACK VIEW



**SHORT FORM SPECIFICATIONS:** Provide Blodgett Combi model BLCT-102G boilerless combination-oven/steamer. The BLCT-102G pan cassette with 3.35" (85mm) rack spacing 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. 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. Multiple modes include hot air, combi with CombiOptima, retherming, steaming, low-temperature steaming, forced steaming, proofing, cooling, and preheating. Unit shall have bright halogen lights for superior visibility. Touchscreen control stores 500 recipes with 15 stages each, in addition to pre-programmed recipes. External core temperature probe, rack timing allows for setting individual timers for each rack, HACCP quality control, USB connectivity, automatic service diagnosis. 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 any stand w/feet 59.72" (1517mm)

Oven on any stand w/casters 59.72" (1517mm)

### OVEN CLEARANCES:

*From combustible and non-combustible construction*

Right 2.75" (70mm)

Left 2.75" (70mm)

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)

### GAS SUPPLY (per section):

3/4" NPT

#### Inlet Pressure:

Natural 3.2-8.0" W.C. static to unit

Propane 5.2-14" W.C. static to unit

#### Maximum Input:

95,500 BTU/hr

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

### POWER SUPPLY:

115V, 9 amp

Blodgett recommends a Pass & Seymour, model 2097, GFCI due to the use of a variable frequency drive. Must be hard wired in some cases.

### 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:** 640 lbs. (290 kg)

#### Crate size:

Oven 40" H x 47" W x 48" D (1016 x 1194 x 1219 mm)

Stand 34" H x 50" W x 28" D (864 x 1270 x 711 mm)

### BLODGETT OVEN COMPANY

www.blodgett.com • 42 Allen Martin Drive, Essex Junction, VT 05452 • Phone: (802) 658-6600 • Fax: (802) 864-0183