Features & Benefits

Temperature Rating: Cone 10, 2350°F, 1290°C

Loading: Lid position, when open, rests at an angle away from the kiln. Chains are used to secure the lid in place when open.

Stand: Heavy-duty 14 gauge full solid stand with multiple bends for strength. Bolt on legs. Feet protectors included.

Assembly: Two 9” high sections stack on top of each other. Easy to assemble. Bottom is reversible.

Construction: Stainless steel wrapped around brick with 3 clamps on each section. All stainless screws on case.

Insulation: Choice of 2-1/2” or 3” K23 firebrick.

Brick Coating: Proprietary reflective brick coating included. This helps firebrick stay strong on the surface and helps prevent dusting.

Patented Hard Ceramic Element Holders: Protect brick from loading damage, keep elements from falling out of grooves, makes changing elements easy, and optimizes heat transfer to load.

Elements: Heavy-duty. 2 elements per 9” high section.

Element Connections: Proprietary all-ceramic element connection block makes changing elements easy.

Control Panel: All controls and components are mounted in a control panel/element connection box. A layer of insulation and separation plate helps keep the controls cool. Control box can be easily removed for servicing. On/off switch and control fuse are included.

Control: One-Touch™ Intuitive Kiln Control easily fires the bisque and glaze programs typically used. It is also easy to adjust simple parameters like cone, delay, hold, heat-up, and cool-down rates. Also four custom ramp/hold programs with 8 segments each. (hotkilns.com/one-touch)

Peephole Plugs: Non-fragile solid ceramic with heat-locked head. 1” diameter full-view non-tapered. One per section.

Thermocouples: Type K 8 gauge with ceramic protection tube.

Relays: Mercury free relays.

Power Cord/Plug: 30 Amp NEMA 14-30 twelve foot cord included. Also see options.

Instructions: Complete visual instructions with control reference, process information, assembly, troubleshooting, and parts list. Web videos show how to use the control. (hotkilns.com/videos)

Warranty: Limited 3 year warranty. (hotkilns.com/warranty)

UL Listing: c-MET-us listed to UL499 standards.
LIBERTY-BELLE Home Studio Kiln

Options

Furniture Kit:
LB18-3 uses one 15” full round shelf, four 15” half shelves, four each 1”, 2”, 4”, and 6” triangular posts. (P/N: H-L-KIT/30).
LB18 (2-1/2” brick version) is the same except with 15-1/2” shelves (P/N: H-L-KIT/00).

Vent System: Vent-Sure downdraft vent (hotkilns.com/vent)

Optional Plugs: Standard NEMA 14-30 plug can be changed by customer to NEMA 14-50 (hardware is included to do this). A NEMA 15-50, NEMA 6-50, NEMA 10-30, or NEMA 10-50 plug is available for an extra charge. A NEMA 6-30 plug or a six foot NEMA 6-50 cord/plug is available for no charge. All plugs can be easily changed in the field if necessary.

Dimensions & Weight

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Inside Dimensions</th>
<th>Cubic Feet</th>
<th>Brick Thick</th>
<th>Furniture Kit</th>
<th>Furniture Kit Part No.</th>
<th>Outside Dimensions</th>
<th>Dimensions (with Kit)</th>
<th>Shipping Ship Wght</th>
<th>Ship Wght</th>
</tr>
</thead>
<tbody>
<tr>
<td>LB18-240</td>
<td>17-1/2&quot;D x 18&quot;H</td>
<td>2.6</td>
<td>2-1/2”</td>
<td>5 Shelves, 1 Post Kit</td>
<td>H-L-KITL/00</td>
<td>29&quot; W x 31&quot; H x 30&quot; D</td>
<td>36&quot; W x 55&quot; H x 36&quot; D</td>
<td>200 lbs</td>
<td>240 lbs</td>
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<tr>
<td>LB18-208</td>
<td>17-1/2&quot;D x 18&quot;H</td>
<td>2.6</td>
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<td>200 lbs</td>
<td>240 lbs</td>
</tr>
<tr>
<td>LB18-3-240</td>
<td>16-1/2&quot;D x 18&quot;H</td>
<td>2.5</td>
<td>3”</td>
<td>5 Shelves, 1 Post Kit</td>
<td>H-L-KITL/30</td>
<td>29&quot; W x 32&quot; H x 30&quot; D</td>
<td>36&quot; W x 55&quot; H x 36&quot; D</td>
<td>215 lbs</td>
<td>250 lbs</td>
</tr>
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Minimum Space Requirements: 46-1/2” wide by 46-1/2” deep.

Moving and installation: This comes assembled but can be quickly disassembled and reassembled to move through any door or up stairs. It comes packed in a skidded carton with secure foam-in-place packaging.

Electrical Specifications

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Part Number</th>
<th>Volt/Phase</th>
<th>Watts</th>
<th>Amps</th>
<th>Wire Size</th>
<th>Fuse Size</th>
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</thead>
<tbody>
<tr>
<td>LB18-240</td>
<td>K-L-1800/31</td>
<td>240/1P</td>
<td>5,760</td>
<td>24</td>
<td>10 ga</td>
<td>30 Amps</td>
</tr>
<tr>
<td>LB18-208</td>
<td>K-L-1800/21</td>
<td>208/1P</td>
<td>4,992</td>
<td>24</td>
<td>10 ga</td>
<td>30 Amps</td>
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<tr>
<td>LB18-3-240</td>
<td>K-L-1803/31</td>
<td>240/1P</td>
<td>5,760</td>
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UL Listing: c-MET-us listed to UL499 standards.

Power connection: A 30 amp NEMA 14-30 twelve foot plug is included. May be direct wired. Other plugs are optional. All models are single phase.

Energy, Time and Firing Costs: The kiln when empty can reach Cone 10 in about 2 hours and use about 12.5 KWH (this would cost about $1.00 @ 8 cents per KWH. When fired with a heavy load of 55 pounds it took 23 KWH to go to Cone 6 on a Fast Glaze program - about $1.84).