



GLASS KILNS

for Your Creative Spirit!



More Choices • More Styles • More Models • More Shapes

• 120 Volt Glass & PMC Kilns •

Hotboxes



HOTSIE P **HOTSIE E**
8" x 8" wide x 4.5" deep, .17 cu. ft.



HB84
8" x 8" wide x 4.5" deep, .17 cu. ft.

Hot! Hot! Hot! Hotboxes for Glass & PMC



HB86E
8" x 8" wide x 6.5" deep, .24 cu. ft.



HB86E with Bead Collar
8" x 8" wide x 10" deep, .41 cu. ft.

OLYMPIC HotBoxes (HB) provide easy portability and flexibility. Hotboxes are built in sections and the depth can be increased with blank or bead collars. Olympic Hotboxes can fire multiple type ware including glass, ceramics and silver clay and are equipped with either an analog pyrometer or 3K-CF controller for ramp/hold and cone fire programming. HOTSIEs are built with a fiber lid with a quartz porthole in the lid for viewing pieces during the firing; a fiber bottom that serves as the kiln stand; and a brick firing chamber. The HB84 and HB86 are built entirely of kiln firebrick and are 8" x 8" wide, with depths of 4.5" and 6.5"



Blank Collar

Bead Collar

Blank or bead collars add 4.5" depth to the Hotboxes' firing chambers. A blank collar adds depth only and a bead collar adds depth with an opening 3" high x 4" wide for placing items inside the kiln for annealing.

Happy Clam



Designed for the PMC & glass artist, Olympic's **Happy Clam** is the ideal tabletop kiln with its clamshell opening and non-scratch slide feet. Happy Clam provides versatility for PMC, glass and ceramics with the capability of firing to 2350°F. The wood covering eliminates heat on the handle when opening or closing the firing chamber. You will be happy as a clam with the accessibility and convenience the Happy Clam offers. 8" x 8" wide x 6.5" deep, 0.24 cubic ft.

Please see price list for complete product specifications.

126GFE



126 GFE
11.25" wide x 6" deep,
.38 cu. ft.

The **126GFE** is an all brick 120 volt kiln with a lid and body element. It comes with a tall 18" stand for easy accessibility.



126 Lite

126 Lite
12.5" x 12.5" wide x 6" deep,
.54 cu. ft.

The **126 Lite's** design is a combination of brick and fiber to provide you with a large area for firing and a lighter weight kiln to reduce shipping costs. The 126 Lite has an element in the brick lid and the firing chamber is made of fiber and is equipped with a 3 key controller that has 4 user programs/8 segments per program for ramp/hold programming. Fiber walls will generate some smoke and odors on the first firing, which is normal, and should not cause alarm.

146 GFE, Square 146GFE & Square 146GFETLC



146GFE
14.5" wide x 6" deep,
.62 cu. ft.



Square 146GFE or Square 146GFETLC
14.5" x 14.5" wide x 6" deep, .73 cu. ft.



The **146GFE** and the **Square 146GFE** are designed with a lid element for the fusing segment of the firing and a body element for the ramping up/down and annealing segments of the firing. The kilns are equipped with a selector switch for designating either the lid or body element to fire. Only one of the elements can be used at a time because of the limited power on 120 volts. Kilns are designed with a selector switch for using either the lid or body element. The RTC-1000 (12 key controller) provides 6 user programs/8 segments per program for ramp/hold. Kilns can be purchased as a top loader or top and clamshell loader; all models come with a tall stand. The Square 146GFE ships standard ground. The **Square 146GFETLC** ships via freight lines and additional carting charges apply.

• **Square Front Loaders** •

• **120 Volt Versatility** •

for Annealing, Fusing & Slumping Glass & Firing PMC Silver Clay

for Glass, PMC & Ceramics

The Annealer

The Annealer has two doors lined with heavy fiber for reducing heat loss, and the multiple doors allow different pieces to be annealed at different times. A mandrel can be inserted with confidence that an electrical part will not be touched with the element and thermocouple in the top of the kiln. Another outstanding feature are the wooden door handles which allow the kiln operator to open the doors without gloves. The Olympic Annealer can be built with four doors for accessibility on all sides as well.



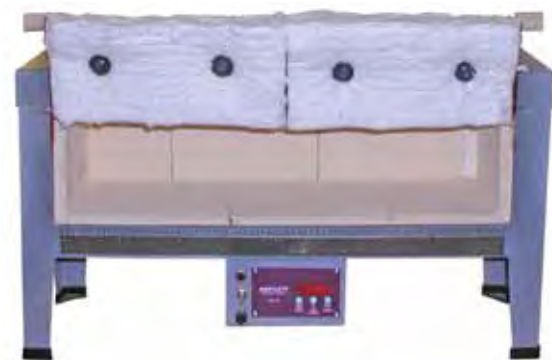
The Annealer
24" wide x 8" deep x 6" high
.67 cubic ft.

The Traveler

The Traveler runs on 120 volts and can be easily moved from one location to another with the attached wheels. When the lid is closed, the Traveler can travel in your vehicle to your destination of choice (23" wide x 19" deep x 28.25" high). It is equipped with a 3K-CF controller for ramp/hold and cone fire programming. A selector switch on the kiln determines whether the lid or body elements are used when firing the kiln. The Traveler is built in sections but is not designed to come apart.



The Traveler
11.5" x 11.5" wide x 11" deep
.84 cubic ft.



139FLE

139FLE is great for annealing and fusing glass and for firing PMC silver clay. The front loader can be built with a bottom or side-hinged door or, for additional ease, an optional guillotine door lift. A bead door installed on kiln door flips up for annealing pieces.



139FLP
Door – Bottom Hinged

**Go Where You Want to Go ...
Do What You Want to Do ...
Glass, PMC & Ceramics!**

**Now a kiln on wheels that goes
wherever you want to go!**



1210FLE
12" x 12" wide
x 10" high
.83 cubic ft.

1210FLE

1210FLE is a compact portable front loader designed with fiber walls and floor. The lid element is set securely in the top of the kiln, eliminating the fear of a mandrel hitting an electrical part. Easy accessibility is possible with the guillotine door lift and the lower punty door flips down for annealing pieces. Fiber walls will generate some smoke and odors the first firing, which is normal and should not cause alarm.



139FLE
Door – Side Hinged



**Square
186GFE**

Square 186GFE
18" x 18" wide x 6" deep,
1.1 cu. ft.

186GFETLC



186GFETLC
17.5" wide x 6" deep, .88 cu. ft.
Top & clamshell loading shown with
optional round quartz viewing window,
top loading model available



139FLE
12.5" wide x 9" deep x 7.75" high
.49 cubic ft.



139FLE
Door –
Guillotine Lift
& Bead Door

Lots of room to fire glass with either 18" shape. If you only have access 120 volts, you are no longer limited by the size pieces you fire. Both Olympic 18" wide models are great for the studio artist who wants to expand his or her work space but doesn't have a lot of room.

**Double the Fun –
18" Round or
Square 120 Volt!**

Please see price list for complete product specifications.

• Multi-sided, Multi-Choice Glass Fusing •

So many choices ... glass fusing models 240-208 volt, round or square

14.5" Wide Models



149GFE & 149GFETLC
14.5" wide x 9" deep, .86 cu. ft.,
top & clamshell and top loading

149GFETLC



1414GFE
14.5" wide x 13.5" deep,
1.4 cu. ft.



Square 149GFETLC
14.5" x 14.5" wide x 9" deep,
1.09 cu. ft.
Top & Clamshell loading
shown with optional quartz
viewing window



Square 189GFE
18" x 18" wide x 9" deep,
1.69 cu. ft.



Square 189GFETLC
18" x 18" wide x 9" deep,
1.69 cu. ft.,
Top & clamshell loading



18" Wide Models



189GFE, 189GFETLC
17.5" wide x 9" deep, 1.3 cu. ft.,
top, clamshell, top & clamshell loading –
189GFETLC clamshell shown with
optional castors



TopHat 189E
17.5" wide x 9" deep, 1.3 cu. ft.
Access available on all sides of the kiln!



Square 1814GFETLC
18" x 18" wide x 13.5" deep,
2.5 cu. ft.,
Top, clamshell, top &
clamshell loading



18" Wide Models



1814GFETLC
17.5" wide x 13.5" deep, 1.97 cu. ft.
Top & clamshell loading, top
loading available; shown with quartz
viewing window



Please see price list for complete product specifications.

23" Wide Models

10-sided 23 3/8" wide x 9" or 13.5" deep with multiple loading options: top, clamshell, top & clamshell & TopHat design. 23" wide loaders are built with a lid lift assist for easy opening and closing of the lid.



239GFETLC

23 3/8" wide x 9" deep, 2.33 cu. ft.
Top & clamshell loading



**TopHat 2323E
(Custom Design)**

23 3/8" wide x 22.5" deep
5.83 cu. ft.
23" TopHat available in 9" & 13.5" depths



239GFE

23 3/8" wide x 9" deep
2.33 cu. ft.
Top loading – shown with optional
round quartz viewing window



2314GFE

23 3/8" wide x 13.5" deep
3.5 cu. ft.
Top loading – shown with
optional round quartz
viewing window

2314GFETLC

23 3/8" wide x 13.5" deep,
3.5 cu. ft.
Top & clamshell loading

Precision is critical to any glass or PMC firing. For glass and PMC kilns, two controller options are available: the 3K-CF (3 key-cone fire) and the RTC-1000 (12 key). The 3K-CF is programmed by pressing up/down and scrolling to the desired target. For the RTC-1000 controller, programming is entered digitally.

Bartlett Instruments Electronic Controllers*	 	
	RTC-1000	3 KEY CONE FIRE
FEATURE		
Keypad	12 key	3 key momentary switch with overlay
No. of Thermocouples or Zones	1 or 3	1
Thermocouple Type	K or S	K
Method of Control	PID	on/off
Vary-Fire (Ramp/Hold)	Stores up to 6 programs (last fired program remains in memory)	Stores up to 4 programs (last fired program remains in memory)
Segments per program (each segment has a ramp rate to a temperature, and a soak period)	8 (can combine User programs 5 and 6 to get a 16 segment program)	8
Skip-Step (move from one segment to the next ramp)	Yes	Yes
Add Time (to current hold period)	Yes (adds time in 5 minute increments)	No
Preset Cone Fire Programs	3 Speeds (Slow, Medium, Fast)	3 Speeds (Slow, Medium, Fast)
Cone Fire to Ramp Hold	No	Yes
Temperature Scale	°F or °C	°F or °C
Multi Zone Control	Yes	No
Delay Start	Yes	Yes
Alarm	Yes	No
Error Codes	Yes	Limited (power failure, t/c FAIL, t/c leads reversed)
Computer Interface	Yes	No

*Chart information from www.bartinst.com, Bartlett Instruments web site.

Please see price list for complete product specifications.

• Multi-sided, Multi-Choice Glass Fusing •

• The Incredible, Affordable Oval •

28" Wide Models

12-sided, measuring 28 1/4" wide by 9" or 13.5" deep with multiple loading options – top loading & TopHat design. 28" wide top loading models have a lid lift assist for easy opening & closing of the kiln lid.



TopHat 2814E
28 1/4" wide x 13.5" deep, 5 cu. ft.
28" TopHats available in 9" depths



289GFE
28 1/4" wide x 9" deep, 3.33 cu. ft.
Top Loading



2814GFE
28 1/4" wide x 13.5" deep, 5 cu. ft.
Top Loading

• The Incredible, Affordable Oval •



209GFE & 2014GFE
30" wide x 20" front-to-back x 9" & 13.5" deep, 2.6 & 3.95 cu. ft.



259 GFE
37" wide x 25" front-to-back x 9" deep, 3.96 cu. ft.

Created, designed & refined by Olympic ... Often imitated, but never duplicated!

Back in the 70s, Bob Haugen had a customer interested in a 23" wide kiln but needed it "stretched" for some of the items he was firing. Bob took the stretched idea and created the first 25 oval so what was a 10-sided kiln 23 3/8" wide became an oval 14-sided kiln with an interior width of 37" wide by 25" front-to-back. The popularity of the oval shaped kiln would later emerge into two other sizes by stretching the 18" wide 8-sided kiln to a 30" wide by 20" front-to-back oval and stretching the 28" wide, 12-sided model to 42" wide by 30" front-to-back. Initially used primarily in pottery kilns, Olympic met the demand of glass kiln customers who needed the oval shape. Today's glass fusing ovals come in the three widths – 20, 25 and 30, with 9" and 13.5" depths. Each model comes with a tall 18" stand providing a height that makes unloading and loading the kiln easily accessible and with a lid lift assist to open and close the oval lid, which has an element installed for use during the fusing segment of the firing program.



3018GFE
42" wide x 30" front-to-back x 18" deep, 12.2 cu. ft.



309GFE
42" wide x 30" front-to-back x 9" deep, 5.5 cu. ft.



2514GFE
37" wide x 25" front-to-back x 13.5" deep, 5 cu. ft.



3014GFE
42" wide x 30" front-to-back x 13.5" deep, 8.25 cu. ft. Shown with optional quartz viewing window & castors



Standard cordierite shelving for ovals – 2 half shelves, 1 rectangle



CoreLite full oval shelves for 25" & 30" models

Please see price list for complete product specifications.

• Square Clamshell Loading •

When you are ready to expand, go with an Olympic Square Clam!

GF2s, GF3s & GF5s are equipped with a lid lift assist



GF2ETLC
Top & Clamshell Loading
20" x 20" wide x 9" deep
2.08 cubic ft.



GF5ETLC
Top & Clamshell Loading
29" x 29" wide x 9" deep
4.4 cubic ft.



GF314ETLC
Top & Clamshell Loading
25" x 25" wide x 13.5" deep
4.88 cubic ft.



GF3ETLC
Top & Clamshell Loading
25" x 25" wide x 9" deep
3.33 cubic ft.



GF214ETLC
Top & Clamshell Loading
20" x 20" wide x 13.5" deep
3.12 cubic ft.



GF323E
25" x 25" wide x 22.5" deep,
8.1 cu. ft.



GF514ETLC
Top & Clamshell Loading
29" x 29" wide x 13.5" deep
6.6 cubic ft.



OLYMPIC's top and clamshell loading square kilns make loading and unloading your work a breeze and the clamshell loading works well for flash venting, combing or viewing a piece during firing. The strut(s) make the clamshell loading option smooth and effortless. Olympic has multiple widths available that give you large square dimensions without the price of a commercial-sized kiln. Olympic's GF5ETLC and GF514ETLC allow room for larger square glass pieces and are equipped with counter weight lid systems for easy opening and closing of the kiln lid when using the top loading option.

All of the Olympic 240-208 volt squareTLC models have lid and wall elements. An infinite switch controls the intensity of the lid element. Models can be ordered with either the 3 Key or RTC-1000 controller, and when you need more depth, let Olympic build it for you like the GF323E! When you need to expand, order an Olympic clam! Two kilns in one – top & clamshell loading!

Please see price list for complete product specifications.

• Hot Glass Combo – Crucible 18 & 240-208 Volt Front Loaders •

Crucible 18

Olympic Kilns introduces the Crucible 18 for hot glass. The Crucible 18 is built with heavy insulation consisting of 3" thick brick walls and 1" fiber blanket surrounded by a solid stainless steel jacket. A 1' ceramic fiberboard gasket retains the heat in the kiln when gathering glass from the crucible. when ordering, customized gasket openings can be cut to the size of the crucible which will be used. The 2" thick separate kiln bottom may be turned over or easily replaced if damaged.

The kiln is built with a counterweight lid cover making gathering glass safe and easy. The counterweighted cover lifts to reveal the opening in the lid. A stainless steel trough on the lid directs glass back into the crucible, minimizing lid damage.

Four (4) sets of elements can be used for rapid heat up. Two (2) sets are required to maintain temperature, two (2) sets in reserved to prevent unwanted cooling if an element is lost while firing. The Crucible 18 is equipped with an automatic lid shut-off which shuts the elements off when the lid of the kiln is opened, a Bartlett 2 Key electronic controller with four ram-/hold programs, and a Type K or Type S thermocouple may be chosen when ordering.

The Crucible 18's inside dimensions are 17.5" wide x 18" deep, 2.63 cu. ft. and the outside dimensions are 31" wide x 39" deep x 35.5" high (kiln, 51.5" high (counter weight) with a shipping weight of 270 lbs. The kiln runs on 48 amps, 240 volt, 1,150 watts, and NEMA 6-50 power cord. A NEMA 6-50 receptacle and 60-amp breaker are required. Copper wire size is #6 or #4, if circuit is longer than 40 ft. Maximum temperature – 2350°F.

Please see price list for complete product specifications.

240-208 Volt Front Loaders

Olympic 240-208 volt front loaders for annealing and lamp-working make these models a great combo with the Crucible 18. Guillotine lift door or bottom hinged door provide easy access for placing pieces in or out of the kiln. Several models are available to choose from:

1214FLE – 11.25" wide x 13.5" deep x 9.75" high, .72 cu. ft.

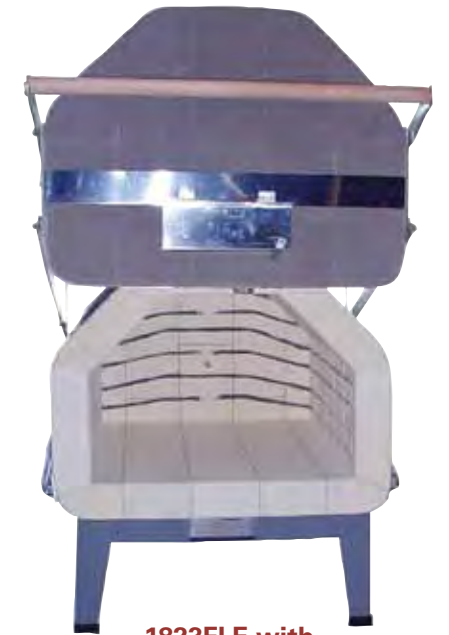
149FLE – 14.5" wide x 9" deep x 10" high, .93 cu. ft.

1414FLE – 14.5" wide x 13.5" deep x 10" high, 1.4 cu. ft.

1818FLE - 17.5" wide x 18" deep x 12" high, 1.95 cu. ft.

1823FLE – 17.5" wide x 22.5" deep 12" high, 2.44 cu. ft.

Custom models available upon request.



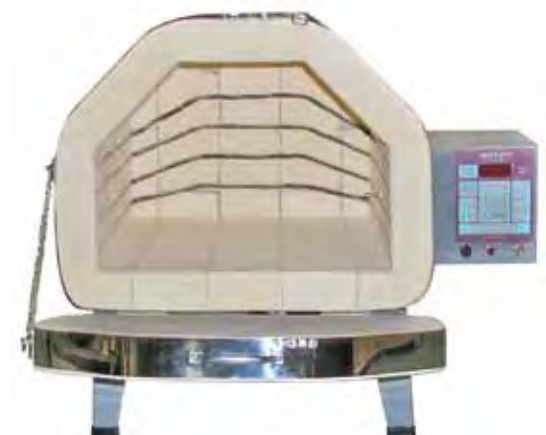
1823FLE with guillotine lift and bead door



1823FLE bottom hinged door



1414FLE with guillotine lift



• High Volume Production Glass Fusing •



GF10E

10 cu. ft. top loading shown with optional castors – 48" wide x 30" front-to-back x 12" deep



GF15CSE

15 cu. ft. clamshell loading – 60" wide x 36" front-to-back x 12" deep

Olympic Kilns builds affordable powerful electric commercial kilns. Users are provided with equipment that handles large capacity loads with ease, and best of all, is affordable. Our commercial electric kilns have many outstanding features and can be designed as top or clamshell loading, and as a bell kiln with removable floor for convenient loading and unloading. The frames of the commercial electric kilns are built of heavy angle iron and metal tubing. Kiln walls are 4 1/2" insulating brick with 1" ceramic fiberboard and 1" air space created by the tube frame. The result is an energy efficient electric commercial kiln with a cooler skin and outside temperature. These models are all built with double insulated floors consisting of brick and ceramic fiberboard. Top loading electric kiln walls and floors are constructed of brick and board insulation, and modern pyro-brick modules comprise the easy opening counter-sprung lid.

Floor elements, when selected as an option, are controlled by infinite switches which can be adjusted by the kiln operator as needed. All commercial electric kilns are equipped with heavy gauge elements and industrial relays for long life. Olympic commercial electric kiln electrical boxes are hinged for easy access for kiln maintenance. Custom-made commercial electric glass fusing kilns quoted upon request.



GF32E Bell

32 cu. ft. shown with optional removable floor – 96" wide x 48" front-to-back x 12" deep



• Glass Fusing Options & Accessories •

- 3 Phase Wiring Option
- 120, 240, 208, 480 Volt
- Automatic Lid Shut-off
- Bead Door for Studio Models
- Castors – Kilns with Wheels
- Ceramic Paper
- Clamshell Loading
- CoreLite Shelving
- Electro Sitter
- Lid Lift Assist
- RTC-1000 Wall Unit 120 Volt
- RTC-1000 Wall Unit 30 or 50 Amps
- RTC-1000 Wall Unit 100 amps
- 3 Phase Option for Wall Unit
- Flash Arm
- Floor Element
- Guillotine Lift for Front Loading Studio Kilns
- Kiln Wash – 1 lb. or 5 lb. bag
- Observation Hole Plugs
- Square Kiln Posts – Large & Small
- Pyrometer - Analog with Type K Thermocouple
- Pyrometer – Digital with Type K Thermocouple
- Quartz Rods for Lid Element
- Quartz Viewing Window for Studio Models – Round 2" Diameter, Rectangle 4" x 2" (Limits maximum temperature to 1700°F)
- Smooth Ceramic Fiberboard Shelving
- Type S Thermocouple
- VentMaster
- VentMaster Expansion Kit
- Wood Crating for TLC Kilns



Olympic builds custom kilns – call or email for a quote

Go Green! Stay Green!

Olympic electric kilns are built for extreme energy efficiency. An Olympic kiln allows you to achieve the desired results without the high energy consumption. Check our Kiln Assistance page at www.greatkilns.com to figure estimated electrical firing costs for your Olympic kiln.

Olympic model names ..

...identify their size –

Square 146GFE:

Square 146 – 14.5" x 14.5" square x 6" deep

GF – Glass Fusing

E – Equipped with an electronic controller (12 key digital or 3 key scroll and enter)

Letter abbreviations ...

Bell Chamber lifted by electronic wrench for ware loading on kiln floor

CS Clamshell Loading

DM Dual Media

E Equipped with an Electronic Controller

FL Front Loading

GF Glass Fusing

HB HotBox (small 120 volt kilns that reach high firing temperatures quickly)

P Equipped with a Pyrometer

TLC Top & Clamshell Loading

TopHat Entire chamber lifts by hand wrench to load ware on kiln floor

Double Bar - Single Bar Lid Lift Assist

The Lid Lift Assist system comes complete with stand, kiln feet and frame pieces for easy, simple installation. There are two systems, 1) double bar for oval and GF 2, 3, 5 series kilns; and 2) single bar for all other models. Olympic kilns 23" or larger are built with the lid lift assist unless specifically requested not to include at the time of order. When these models are received, the lid lift will need to be assembled. Installation instructions are included in the kiln operating manual or may be downloaded from Olympic's web site www.greatkilns.com. Visit the **Kiln Assistance** page to download the Lid Lift Assist (Counter Weight Lid System) installation instructions.

Before Purchasing Your Kiln

Determine Kiln Location

- Adequate space – at least 12 inches of space between the kiln and the wall. (However, for operator comfort, allow room to walk around the kiln if maintenance is required. Stackable kilns require tightening of the kiln rings while firing for proper alignment.)
- All flammable materials such as curtains, plastics, etc. in the area of the kiln should be removed.
- Choose a dry, well-ventilated area with good access to allow easy loading and unloading, yet out of the way of children and other activities.
- Position the kiln with the observation holes clearly visible and the electronic controller within easy reach.
- For kilns equipped with a power cord, place the kiln to the left of the proper electrical outlet so that the kiln can be plugged in without touching the metal jacket.
- Because all kilns generate heat, the stand or frame should be placed on a cement floor. Tiles or linoleum could be damaged without this precaution.
- If the kiln is to be placed outside, ensure that moisture is not permitted. Use a roof over the kiln or some type of water resistant tarp when the kiln is not being fired..
- Remember to use sheet metal or non-flammable material to shim the legs when leveling the kiln.

Power – Electrical Hookup

Your new kiln must have the proper outlet and breaker to supply adequate voltage, amperage and provide the performance it is designed to give. An incorrect connection may cause disappointing or even hazardous results. A qualified electrician needs to be consulted to determine whether your wiring is adequate.

Electric kilns running on 120 volts will plug into a standard outlet if the power cord is NEMA 5-15 but will require a NEMA 5-20 receptacle if the power cord is 5-20. Standard kilns will run on 240 volts, single phase. If your kiln was ordered 208 volts, single or three-phase power, it will be noted on the nameplate on the kiln. Commercial electric kilns may be wired for 240, 208, 380, or 480 volts; single or three phase. Most commercial kilns require direct wiring and a receptacle outlet is not required. Any kiln ordered three-phase will be direct wired.

Receiving Your Kiln Shipment

Olympic Kilns packs and ships its merchandise so that it will arrive at its destination undamaged. Olympic orders are FOB origin when they leave our loading dock. This means we hold the carrier's receipt that your order left in good condition. We do not allow any deductions from invoices for damaged ware.

It is the receiver's responsibility to understand and comply with practices as described in this section. The carrier is responsible for transporting your freight but not for unloading it.

Ground services, such as UPS, will deliver smaller shipments to your door. However, for shipments delivered by freight carrier, a lift gate is required if you do not have a loading dock.

If you do not have a loading dock, a lift gate for transporting the freight from the truck to ground level is required upon delivery. You will need to request lift gate service when ordering your kiln from your Olympic dealer. Otherwise, additional freight charges will be incurred upon delivery of freight. It is your responsibility to move the freight from the truck to its place of use.

If you do not have a loading dock, a lift gate for kilns on pallets no larger than 6 ft. x 6 ft. is available for transporting the freight from the truck to ground level.

Olympic kilns clamshell commercial glass kilns and electric and gas kiln models that are 17 cubic feet and larger cannot be shipped on pallets as small as 6 ft. x 6 ft. You will need to have a forklift that can move the kiln from the truck to the desired location. If you do not have access to a forklift, check the Yellow Pages for small moving companies that can take the freight off the long distance carrier and move the freight to the desired location. Give any prospective mover a physical description and the weight of the kiln, and inform them that it is designed to be picked up with a pallet truck or forklift only. Check several sources for quotes so that you can get the best price.



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