



Electric & Gas Kilns

BUILT BETTER, BUILT TO LAST



OlympicKilns.com



About Us

We are excited about the present and the future of Olympic Kilns. We have evolved from a small company to an international business, maintaining our small business values both to our employees and our customers. We work with a strong management team that has a hands-on approach to business and we continue to have direct contact with our customers to determine new market needs as well as troubleshoot problems when they occur.

Manufacturing kilns is a unique business and the opportunity to learn from our customers creates a drive and urgency to meet their needs, and helps us grow personally and as a company. Our basic philosophy is to work smart and provide quality products to acquire and keep your business. That hasn't changed from day one!



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Robert (Bob) Haugen, Founder and CEO, began the company in 1971. He has a masters in ceramic engineering from the University of Washington and his interest in building kilns was generated while working on the NASA heat shields for the space shuttles in graduate school. His vision and design expertise fosters a spirit of excellence throughout the company.

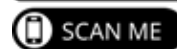


Robert (Rob) Haugen, President, has a bachelors' degree in economics from the University of Georgia. Rob's business savvy keeps company costs low in order to pass the savings onto our customers, while at the same time, moving forward with new techniques and equipment that increase Olympic Kilns efficiencies.

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 OlympicKilns.com to figure estimated electrical firing costs for your Olympic kiln.

Olympic Kilns began manufacturing kilns in Seattle, Washington in 1971 and derives its name from the Olympic Mountains. As the company grew so did its product lines to include electric, gas and glass kilns for the hobbyist, production artist and manufacturer of finished fired ware.

Olympic Kilns moved in 1982 to Georgia to be near its raw materials, insulating firebrick, to eliminate excess costs both to the company and its customers. The company resides in Flowery Branch, Georgia, located 45 miles northeast of Atlanta and provides more models, styles and types of kilns than any other kiln manufacturer today.



Scan the QR code
to go directly to
OlympicKilns.com



Before Purchasing Your Electric 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 the cord 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 Hook-Up

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.

Smarter Investing:

Consider what you will be firing for the coming year ...

What types of firings you will be doing – pottery, ceramics, glass, heat treating, annealing, casting, fusing?

What size pieces will you be working with – width and height?

Power available to you for kiln equipment – 120 volts? 240 volts? 208 volts? 480 volts? Single or 3 phase wiring?

THIS WARRANTY IS APPLICABLE TO ALL KILNS MANUFACTURED BY OLYMPIC KILNS THAT ARE USED FOR CERAMICS, POTTERY AND GLASS. CONE 10 KILNS HAVE A ONE-YEAR WARRANTY AND ALL OTHER KILNS HAVE A TWO-YEAR WARRANTY. CERTAIN PARTS, THERMOCOUPLE, KILN SITTER TUBE ASSEMBLY, ARE NOT COVERED UNDER WARRANTY, NOR IS KILN FURNITURE.

Limited Kiln Warranty

Haugen Manufacturing, Incorporated guarantees to the original purchaser that any defects in OLYMPIC KILNS which become apparent within two years for kilns rated below cone 10 and one year for kilns rated at cone 10 will be remedied as specified below.

Our warranty, of course, does not cover any kiln damaged or altered by you or others after it leaves our factory. Our warranty does not cover damage due to reduction or salt firing, over-firing, exceeding the maximum cone or temperature ratings, improper installation, use of electrical voltages different than those specified, or firing material other than ceramics.

If a defect of manufacturer becomes apparent, and your retailer does not resolve it to your satisfaction, we will in the following manner: Within (6) days of the first indication of a defect, tell us in writing of the defect, and the date, place and proof of your purchase. We will contact you to determine what parts seem to warrant repair and to instruct you as to shipment of the kiln parts. You will dismantle, package, and ship the parts we request (and no others), to us at your cost, freight prepaid. If the kiln has a defect of manufacture we will repair, replace or refund as is appropriate, within (30) days. We will ship to you at our cost in your package, for you to reinstall at your cost. If the parts shipped by you to us are in need of repair or replacement for something which is not covered by this warranty, we will not perform the work until you have authorized the work and made arrangements for payment. If substantially an entire kiln is returned for repair under warranty, you will prepay the cost of packaging and shipping both to and from the factory.

We shall in no event be liable for injuries to persons or property or for incidental, contingent, special or consequential damages arising from the use of our products. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

HAUGEN MANUFACTURING, INC.
P.O. BOX 1347 • 4225 THURMON TANNER PARKWAY
FLOWERY BRANCH, GA 30542



CONE 10 – 120 VOLT KILNS

FOR CERAMICS, GLASS & PMC



HB64E

6.5" x 6.5" w x 4.5" d



HotBox E

6.5" x 6.5" w x 6.5" d



HB84E

8" x 8" w x 4.5" d



HB86E

8" x 8" w x 6.5" d



HB86E with Bead Collar

8" x 8" w x 11" d

Olympic 120 volt kilns have a wide range of firing options. Small and compact, the models are great for testing glazes, glass, PMC, jewelry making, doll-making, porcelain, blades, and china painting firings. Choose the size and shape that works and enjoy firing your pieces on 120 volts.

HotBoxes (HB) are square in design and fire to Cone 10 – 2350°F/1288°C. The HB64E, HotBox E, HB84E and HB86E have a detachable lid. Blank or Bead Collars are an available option to add depth to any of these models. Check out the accessories for the HB86E, adjustable stand and fiber floor with hole for glass vitrifying. See HB86P Vitrigraph at the bottom of this page. Because of the size of the HotBoxes, the 3 Key-Cone Fire Controller is the controller installed on these models.

The **HB89E and Doll E/Test** have hinged lids and are large enough to house the V6-CF, RTC-1000 or Genesis controller. All HotBoxes and the Doll/Test kiln fire to Cone 10 – 2350°F/1288°C.



HB89E with Hinged Lid

8" x 8" w x 9" d

The HB89E and Doll E/Test are well-suited for testing glazes, firing small items, and both have a hinged lid. The HB89E and the Doll/Test kiln fire to Cone 10 – 2350°F/1288°C.



Doll E/Test

11.25" x 7" w x 9" d



Bead Collar

An optional bead or blank collar can be added to HotBoxes (excluding the HB89E) for an additional depth of 4.5". Maximum temperature with either collar – 2000°F/1093°C.



Blank Collar



1214-120HE

11.25" w x 13.5" d

Large 120-volt Cone 10 Kiln

The 1214-120HE is a large 120-volt, cone 10-2350°F/1288°C, high fire, kiln! This model reaches temperature quickly because it runs on a 30-amp, 120-volt circuit. A NEMA L5-30 power cord and receptacle are required.



NEMA L5-30



The **HB86P Vitrigraph** is a 120 volt model with interior dimensions of 8" x 8" wide x 6.5" deep and temperature control by infinite switch. Vitrigraphing is made easy with an adjustable stand ranging from 23" to 33" high. The HB86P Vitrigraph includes two (2) floors – one floor is fiber, and one floor is cordierite with holes for stringers to flow through. An optional brick floor for firing the kiln during regular use slumping, fusing, jewelry making, testing, etc. is available. The 3 Key electronic controller is optional. Maximum temperature – 2350°F/1288°C.



What Makes an Olympic 18H", 23H" & 28H" Kiln a Better Choice?

- **Smart Investment** – Olympic 18H", 23H" and 28H" models are recognized as a smart investment because of longevity and durability. These models are perfect for the classroom because they are tough and can handle continuous firings.
- **Extra Insulation** – Energy Efficiency – The 18H", 23H" and 28H" models are built with 3-inch brick which provides extra insulation resulting in energy efficiency. Olympic's proven electrical box design, with heat shields and perforations, in the top and bottom, keep the electrical components cool. Balanced heating elements insure even heating of the firing chamber under all firing conditions.
- **Stackable** – Olympic 18H", 23H" and 28H" models are stackable because they are built in sections. This means the kiln can be easily taken apart or changed in size without having to remove the entire electrical box.
- **Versatility** – Olympic 23H & 28H models come in depths ranging from 18", 22 1/2", 27" and 31 1/2" deep. The 18H" models come in depths from 18" to 27" deep. You can add an optional lid element on any of these models enabling the kiln to fire pottery/ ceramics and glass.
- **Electronic Controller Choice** – You can equip your kiln with a one of the four electronic controllers Olympic carries based on what works best for you. Choose either the 3 Key/Cone Fire, digital V6-CF or RTC-1000, or the Genesis touchscreen controller.
- **Lid Lift** – Olympic 23H" and 28H" models are built with Lid Lift Assists for easy opening or closing of kiln lid. The Lid Lift is optional on all 18H" models.
- **Multiple Options** – Choose from additional accessories to enhance your kiln, including 2 or 3 zone control, solid state or mercury relays, castors, and/or an automatic lid shut-off.
- **Customer Service** – We love our products and we love our customers! We're here for you when you need assistance.



1818HE
17.5" w x 18" d



1823HE
17.5" w x 22.5" d



2318HE
23 3/8" w x 18" d



2327HE
23 3/8" w x 27" d



2818HE
28 1/4" w x 18" d



2823HE
28 1/4" w x 22 1/2" d



2827HE
28 1/4" w x 27" d



2831HE
28 1/4" w x 31 1/2" d



1827HE
17.5" w x 27" d



2323HE
23 3/8" w x 22 1/2" d



2331HE
23 3/8" w x 31.5" d

OVALS 240-208 VOLT SMALL HIGH FIRE KILNS

BIG, BAD BOY OLYMPIC OVALS – CONE 10 – 2350°F/1299°C READY, WILLING & ABLE

These **big, bad oval boys** are wired single or three phase and their walls are built with 3" thick firebrick providing extra insulation resulting in more energy efficiency. We'll wire and build the Oval tailored to your electrical specifications. They ride hard, can handle large loads and unusual size pieces. Ovals are equipped with standard relays but optional solid state or mercury relays are always a choice. Olympic Ovals are equipped with touchscreen or digital electronic controllers. These big, bad boys are equipped with a lid assist for easy opening and closing of the kiln lid and the top ring has a 2" brick lip for added strength.



30" WIDE MODELS

2018HE	30" w x 20" d x 20" h
2023HE	30" w x 20" d x 24.5" h
2027HE	30" w x 20" d x 29" h



37" WIDE MODELS

2518HE	37" w x 25" d x 20" h
2523HE	37" w x 25" d x 24.5" h
2527HE	37" w x 25" d x 29" h
2531HE	37" w x 25" d x 33.5" h



42" WIDE MODELS

3018HE	42" w x 30" d x 20" h
3023HE	42" w x 30" d x 24.5" h
3027HE	42" w x 30" d x 29" h
3031HE	42" w x 30" d x 33.5" h

SMALL HIGH FIRE CONE 10 – 2350°F/1288°C TEST KILNS



1214-240HE
11.25" w x 13.5" d

1414HE
14.5" w x 13.5" d



Square 169HE
16.5" x 16.5" w x 9" d
Available with short
or tall stand*



The **Olympic 1214HE, 1414HE and SQ169HE test kilns** are a crucial tool for high production studio potters. Their small size makes them ideal for developing and trying new glaze recipes as well as running a new batch of glaze to see results before putting it on a full load of ware. The High Fire Test kilns are very efficient for firing smaller loads when not in use for testing. Olympic Kilns small test kilns are powered to run on 240-208 volt and high fire to cone 10 -2350°F /1288°C . The models are small yet larger than the typical 120 volt test kiln. Choose from cylindrical 12"-14" wide or square 16" wide models equipped with electronic controllers for accurate programming to match results when items are fired in a larger production kiln. *Additional pricing for a tall stand.



OLYMPIC FREEDOM KILNS

GET THE FULL KILN DEAL



Every **Freedom Package** is turn-key. Each Freedom kiln is equipped with a 12-key digital controller for cone-fire and ramp/hold programming, kiln furniture kit, VentMaster, and a Freedom Kit containing an Assorted Stilt Package for glazing ware, two elements with element pins and high temp connectors, a thermocouple, a pint of mortar, and a crimping tool. You're ready to fire, ready for fun!

And you can size up with seven (7) Freedom cone 10 models. Sizes range from the petite Freedom 1414HE, 14 1/2" wide x 13.5" deep, to the super size Freedom 2527HE, 37" wide x 25" front to back x 29" deep. Upgrade options are available, such as the Genesis touchscreen controller, solid state or mercury relays, castors to be able to wheel the kiln around, and a lid element for fusing glass, to name a few.

SO MUCH FREEDOM, SO MUCH FUN!



Freedom Kit –
+ \$200 value of merchandise
for FREE!

Every Freedom Kit includes:

- 2 Elements with Element Pins and Hi-Temp Connectors
- Crimping Tool
- Thermocouple
- Pint of Mortar
- Assorted Stilt Package
- Freedom Kiln Wiring Schematic

The Freedom Package –
Freedom Kiln with Accessories
Furniture Kit – Shelves, Posts & Kiln Wash
VentMaster
Freedom Kit



MEDALLION ARTIST SERIES



Go Green with a Dream Machine that Saves You Green!

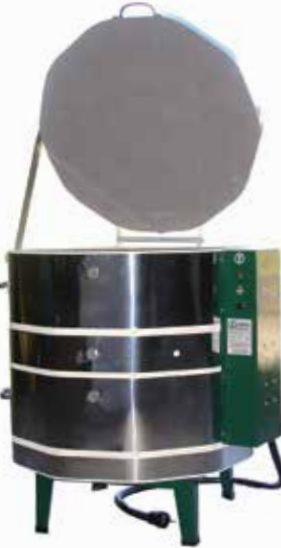
OLYMPIC'S MEDALLION ARTIST SERIES



MAS1818HE
17.5" w x 18" d



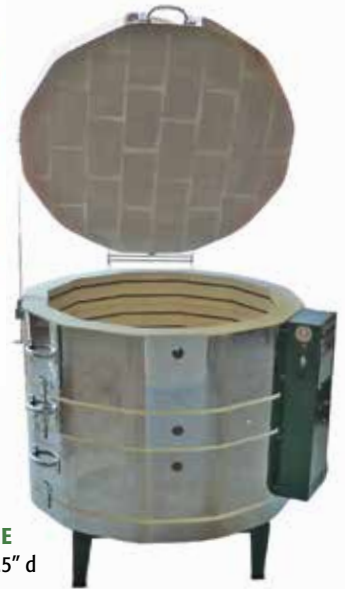
MAS1823HE
17.5" w x 22.5" d



MAS2323HE
23 3/8" w x 22.5" d



MAS2327HE
23 3/8" w x 27" d



MAS2823HE
28 1/4" w x 22.5" d

- Go green by saving dollars buying a Medallion Artist Kiln.
- Go green with green electrical boxes
- Go green with less energy consumption using 3" brick which provides extra insulation for more efficient firings
- Go green with high fire cone 10 kilns
- Go green with six models to choose from: MAS1818HE, MAS1823HE, MAS2323HE, MAS2327HE, MAS2823HE, MAS2827HE
- Go green with kilns equipped with an electronic controller for convenient, precise firings



Solid green electrical box with touch screen houses either a Genesis touch screen, 12-key or 3-key controller with cone fire & ramp/hold programming



Lid Lift Assist is an available option for any Medallion model



MAS2827HE
28 1/4" w x 27" d



LARGE CAPACITY ELECTRIC

FRONT & TOP LOADING, GUILLOTINE LIFT & CAR LOADING DESIGNED FOR LONG LIFE AND LARGE CAPACITY LOADS.

Olympic Kiln builds affordable, powerful electric Large Capacity kilns for the production potter or company where creating large quantities or big pieces is a priority. Users are provided with equipment that handles large capacity loads with ease, and best of all, is affordable. Our Large Capacity electric kilns have many outstanding features and can be designed as top or front-loading, guillotine lift, and as a car kiln with removable floor and door for convenient loading and unloading. The frames of the Large Capacity 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 Large Capacity kiln with a cooler skin and outside temperature. Olympic Large Capacity electric kilns fire to Cone 10 – 2350°F/1288°C.



FL20E
28" w x 28" d x 45" h
20 cubic feet



FL12E with Guillotine Lift
24" w x 24" d x 36" h
12.1 cubic feet



TL5432E
54" w x 36" d x 32" h
36 cubic feet

Olympic car kilns are built with a roll out door and floor. Door elements are standard and floor elements are an optional feature. The car tracks are 6 feet long for ample space to load and unload ware. High volume electric kilns and car kilns are equipped with their own breaker boxes for safety and lockout. A power cord connects floor element to electrical box when the door is closed.



ELECTRIC RAKU & TOPHAT KILNS

CREATE BEAUTIFUL RAKU PIECES IN AN ELECTRIC KILN



**Fire Ceramics &
Glass in One
Easy Loading Kiln**

The **TopHat and Electric Raku** firing chambers are designed to keep heat inside when it is lifted up for fast turn-around. These models with their design provide easy access to your work on all sides of the kiln.

You can do it all in an Olympic Electric Raku or TopHat – raku, bisque, glaze and glass fire!



TopHat 189
17.5" w x 9" d



Hand Crank to lift firing chamber



TopHat 2323
23 3/8" w x 22 1/2" d



1214E Raku
11.25" w x 13.5" d

**120 VOLT
TOO!**

240-208 VOLT DUAL MEDIA KILNS

Olympic's **Dual Media (DM)** kilns are designed for firing ceramics and glass. Dual Media models are built with 3" brick for energy efficiency and will fire to 2350°F/1288°C for high firing pottery and ceramic projects. A lid element for glass fusing is included and is activated by an infinite switch. Any 240 or 208 top loading model can be built for dual media firing, so model selection is endless and can be determined by you. Dual Media 23" wide and larger are equipped with a lid lift assist for easy opening and closing of the kiln lid.



DM2323HE
23 3/8" w x 22.5" d



DM3018HE
30" front-to-back x 42" w x 18" d



STUDIO FRONT LOADING KILNS



Annealing is one of the steps of firing glass. Kilns are programmed to slowly cool (anneal) glass to eliminate any stress after it is formed. Glass pieces may crack or shatter when subject to small temperature change or mechanical shock and annealing glass is critical to its durability. If glass is not annealed, it will retain many of the internal stresses caused by firing it and significantly decrease the overall strength of the glass. Olympic kilns equipped with an electronic controller can be programmed to heat the glass to the desired form and once achieved, the controller is programmed to decrease temperature to a set annealing temperature to strengthen or harden the piece for long life.

FRONT LOADING MODELS ARE IDEAL FOR FIRING JEWELRY, WAX BURNOUT, METAL MELTING (BLADES), GLASS RAKING AND COMBING.



ANNEALER

24" x 8" x 6"

Maximum firing temperature – 1700°F/927°C

The 3 Key controller can be mounted on side or below firing chamber.



129FLE

11.25" x 9" x 9.75"

Maximum firing temperature – 2250°F/1232°C

Model can be built with a side hinged door, or bottom hinged door, or guillotine lift.



139FLE

12.5" x 9" x 7.75"

Maximum firing temperature – 2250°F/1232°C

Model can be built with a side hinged door, a bottom hinged door, or guillotine lift.



1210FLE

12" x 12" x 10"

Maximum firing temperature – 1700°F/927°C

The 1210 FLE is equipped with the 3 Key controller and guillotine lift.

The larger 240-208 volt front loading kilns, 12"-18" wide, come in six different sizes. Although the kilns are tag rated to 1700°F, they can fire as high as 2300°F. The larger Olympic front loaders are equipped with the standard bottom hinged doors. Options available include guillotine lift, side hinged door, bead/punty doors, and a quartz viewing window. Please specify when ordering. Choose from four controllers – 3 Key, RTC-1000, V6-CF, or Genesis.



All studio front loading models have the option to equip the kilns with a bead door for annealing.



1214FLE

11.25" w x 13.5" d x 9.75 h

Maximum temperature – 2300°F/1260°C

Model can be built with a side hinged door, bottom hinged door, or guillotine lift.



149FLE

14.5" w x 9" d x 10" h

Maximum temperature – 2300°F/1260°C
Model can be built with a bottom hinged door or guillotine lift as shown.



1414FLE

14.5" w x 13.5" d x 10" h

Maximum temperature – 2300°F/1260°C

Model can be built with a bottom hinged door, or guillotine lift. Shown with optional bead door and guillotine lift.



1818FLE

17.5" w x 18" d x 12" h

Maximum temperature – 2300°F/1260°C

Model can be built with a bottom hinged door, or guillotine lift as shown.



1823FLE

17.5" w x 22.5" d x 12" h

Maximum temperature – 2300°F/1260°C

Model can be built with a bottom hinged door, or guillotine lift.



2412FLE

24" w x 12" d x 12" h

Maximum firing temperature 1800°F/982°C

The 2412FLE is equipped with a guillotine lift.

120-VOLT MODELS FOR CERAMICS, PMC & GLASS

Be inspired with dynamic shaped square kiln firing equipment for heat-treating your artistic expressions. Fire glass and precious metal clay in Olympic square designed kilns which provide unlimited freedom on what you can create. Choose from multiple widths available to move you forward in your creativity.



The **HB86P Vitrigraph** is a 120 volt model with interior dimensions of 8" x 8" wide x 6.5" deep and temperature control by infinite switch. Vitrigraphing is made easy with an adjustable stand ranging from 23" to 33" high. The HB86P Vitrigraph includes two (2) floors – one floor is fiber, and one floor is cordierite with holes for stringers to flow through. An optional brick floor for firing the kiln during regular use slumping, fusing, jewelry making, testing, etc. is available. The 3 Key electronic controller is optional. Maximum temperature – 2350F/1288°C.



126 Lite
12.5" x 12.5" w x 6" d
Fires to 1700°F/926°C



129E
Comes with 18" Tall Stand
11.25" w x 9" d
Fires to 2250°F/1232°C



1214-120E
11.2" w x 13.5" d
Fires to 2100°F/1149°C



The Traveler

Portable and versatile sums up the Olympic's 120 volt models but the Traveler heads the list. The Traveler's lid element provides glass fusing capabilities and the height of the chamber gives ample space for taller items.

The folding lid makes the Traveler easy to pack in most vehicles and once you reach your destination, the wheels make it a breeze to move. The Traveler's inside dimensions are 11.5" x 11.5" wide by 1" high and fires to 2000°F/1093°C. The Traveler may be equipped with any Olympic controller.



Champ XL
14.5" x 14.5" w x 6" d
Maximum temperature – 1700°F/927°C
Equipped with a lid element only.



Square 146GFE
14.5" x 14.5" w x 6" d
Maximum temperature – 1700°F/927°C
Equipped with lid and body elements.



Square 146GFETLC
14.5" x 14.5" w x 6" d
Maximum temperature – 1700°F/927°C
Top and clamshell loading. Equipped with lid & body elements.

146 Slider
14.5" x 14.5" x 6" d
Maximum temperature – 1700°F/927°C
Clamshell loading and equipped with lid and body elements.



Quatro 16
16.5" x 16.5" w x 6" d
Maximum temperature – 1700°F/927°C
Top loading and equipped with lid and body elements.



Quatro 16TLC
16.5" x 16.5" w x 6" d
Maximum temperature – 1700°F/927°C
Top and clamshell loading and equipped with lid and body elements.



Square 186GFE
18" x 18" w x 6" d
Maximum temperature – 1550°F/843°C
Top loading only and equipped with lid and body elements.



Square 186GFETLC
18" x 18" w x 6" d
Maximum temperature – 1550°F/843°C
Top and clamshell loading. Equipped with lid and body elements.



SQUARE & OVAL GLASS FIRING KILNS 240-208 VOLT

Square 14" Wide



Square 14" wide models

14.5" x 14.5" x 9" or 13.5" d

Maximum temperature – 1700°F/927°C
Can be adjusted on the controller to higher temperatures. Top loading, clamshell loading, or top & clamshell loading.

Square 18" Wide



Square 18" wide models

18" x 18" x 9" or 13.5" d

Maximum temperature – 1700°F/927°C
Can be adjusted on the controller to higher temperatures. Top loading, clamshell loading, or top & clamshell loading.

Square 20" Wide



GF2s

Square 20" wide models

20" x 20" x 9" or 13.5" d

Maximum temperature – 1700°F/927°C
Can be adjusted on the controller to higher temperatures. Top loading, clamshell loading, or top & clamshell loading.

Square 25" Wide



GF3s

Square 25" wide models

25" x 25" x 9" or 13.5" d

Maximum temperature – 1700°F/927°C
Can be adjusted on the controller to higher temperatures. Top loading, clamshell loading, or top & clamshell loading.

Square 29" Wide



GF5s

Square 29" wide models

29" x 29" x 9" or 13.5" d

Maximum temperature – 1700°F/927°C
Can be adjusted on the controller to higher temperatures. Top loading, clamshell loading, or top & clamshell loading.

149 Slider



514 Slider



314 Slider



189 Slider



Olympic Sliders are clamshell designed square kilns with sliding floor for ease in loading & glass manipulation. The 314 and 514 Sliders have a gas strut that opens the firing chamber with ease and a sleek wood handle keeps things cool so you can concentrate on things hot. The Slider lid brace arm is built into the side of the kiln and locks in place when the firing chamber is opened. Olympic Sliders ship completely assembled on a heavy angle iron stand and are ready to fire. Sliders come equipped with the RTC-1000 12 key digital controller or you can upgrade to the Genesis controller with touch screen technology.

209GFE



Oval 209GFE or 2014GFE

30" w x 20" front-to-back x 9" or 13.5" d

Maximum temperature – 1700°F/927°C
Can be adjusted on the controller to higher temperatures.

2514GFE



Oval 259GFE or 2514GFE

37" w x 25" front-to-back x 9" or 13.5" d

Maximum temperature – 1700°F/927°C
Can be adjusted on the controller to higher temperatures.

3014GFE



Oval 309GFE or 3014GFE

42" w x 30" front-to-back x 9" or 13.5" d

Maximum temperature – 1700°F/927°C
Can be adjusted on the controller to higher temperatures.



If additional height is needed inside the kiln, Olympic can build the oval to accommodate the depth required. Lid lift assist is standard on all ovals but models may be purchased without it. Cordierite shelving for ovals consists of two half round shelves and one rectangle shelf to make the shape of the oval when you need to stagger ware. Cordierite full shelves are available for the 20, 25 & 30 ovals and smooth ceramic fiberboard can be cut to fit as a full shelf for the oval models.

LARGE CAPACITY GLASS FIRING KILNS

Olympic Kilns builds affordable powerful volume producing glass kilns. Users are provided with equipment that handles large capacity loads and big pieces with ease. The Large Capacity Glass Fusing kilns have many outstanding features and can be designed as top loading, clamshell loading, or both top and clamshell loading; and as a Bell design with the firing chamber electronically raised and lowered and a removable floor for convenient loading and unloading.



GF12ECS CLAMSHELL LOADING

60" w x 30" d x 12" h
Maximum temperature – 1700°F/927°C
Comes equipped with gas struts for easy opening and closing of the kiln chamber. Top loading only – GF12E, or TLC – GF12ETLC, top and clamshell loading designs available.

GF15E TOP LOADING

60" w x 36" d x 12" h
Maximum temperature – 1700°F/927°C
Comes equipped with gas struts for easy opening and closing of the kiln chamber. Clamshell loading GF15ECS, or TLC – GF15ETLC, top and clamshell loading designs available.



GF17ETLC TOP AND CLAMSHELL LOADING

65" w x 30" d x 15" h
Maximum temperature – 1700°F/927°C
Comes equipped with gas struts for easy opening and closing of the kiln lid and chamber. Top loading – GF17E, or clamshell loading – GF17ECS.







The **GF32E Bell model** has unique features which makes it a number one choice for volume production. The firing chamber lifts and lowers electronically and the top of the chamber contains the elements in quartz rods. The floor of the kiln can be built stationary or with a roll out track for easier access during loading and unloading.



GF32E BELL LOADING
96" w x 48" d x 12" h
Maximum temperature – 1700°F/927°C



Bartlett Instruments Electronic Controllers www.bartinst.com	GENESIS 2.0	V6-CF	RTC-1000	3K-CF
				
FEATURES				
Keypad	Touchscreen	24 key membrane switch	12 key	3 key
No. of Thermocouples or Zones	1 to 3	1 to 3	1 to 3	1
Thermocouple Type	K, S, or R	K, S, or R	K or S	K
Method of Control	PID	PID	PID	on/off
Vary-Fire (Ramp/Hold)	Stores up to 30 user programs	Stores up to 6 programs (last fired program remains in memory)	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)	Up to 32 segments per program	8	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	Yes	Yes
Add Time (to current hold period)	Yes	No	Yes (adds time in 5 minute increments)	Yes
Preset Cone Fire Programs	4 Speeds (Slow, Medium, Slow, Medium, Fast)	4 Speeds (Slow Bisque, Fast Bisque, Slow Glaze, Fast Glaze)	3 Speeds (Slow, Medium, Fast)	3 Speeds (Slow, Medium, Fast)
Cone Fire to Ramp Hold	Yes	Yes	No	No
Temperature Scale	°F or °C	°F or °C	°F or °C	°F or °C
Multi Zone Control	Yes	Yes	Yes	No
Delay Start	Yes	Yes	Yes	Yes
Alarm	Yes	Yes	Yes	No
Error Codes	Yes	Yes	Yes	Limited (power failure, t/c FAIL, t/c leads reversed)
Cost of Firing Calculation	Yes	No	Yes	No
Diagnostics	Yes	Yes	Yes	No
Wi-Fi Ready	Yes	No	No	No
Wi-Fi enabled for easy software updating	Yes	No	No	No
Data Graphing	Yes	No	No	No
Monitor Firing with Phone App	Yes	No	No	No

Electronic Wall Unit

Electronic wall units are designed to make a manual kiln (equipped with a pyrometer or kiln sitter) into an electronically-controlled kiln. The kiln sitter remains on the kiln and electronic controller housed in the wall unit is positioned on the wall beside the kiln.

1. Attach wall mount control vertically to wall.
2. Plug or direct-wire wall unit to the power source.
3. Plug or direct-wire the kiln into the wall unit.
4. Drill a hole the size of the thermocouple through the kiln wall and insert thermocouple from wall unit into the kiln. Insert thermocouple approximately 1" inside the kiln.
5. Place a junior cone that is one size hotter than you intend to fire into the kiln sitter and activate the kiln sitter.
6. Turn all switches on the kiln to the high setting.
7. Read electronic controller instruction manual thoroughly and follow programming instructions that best suit your firing requirements.

The 3 Key-Cone Fire, Genesis, V6-CF and RTC-1000 controllers are available as wall units. Wall units are built by voltage for 120 volts kilns and by amperage for all other models.

- 120 volt wall unit
- 30-50-100 amp wall units
- 3-phase wiring (additional charges)



CHOICE OF 4 CONTROLLER BOARDS



Electro Sitter will replace your obsolete kiln sitter model! The Electro Sitter comes complete with electronic controller of your choice for cone-fire or ramp/hold programming, an attached Type K thermocouple, ceramic fiber, and electronic controller manual.

Installation is easy. The Electro Sitter will fit where the kiln sitter/timer is attached to the kiln. Simply remove the screws from the kiln sitter on the front of the kiln, then detach wires connecting to the kiln sitter. Wires will be attached to the back of the Electro Sitter exactly as they were attached to the kiln sitter terminal block. The thermocouple from the Electro Sitter goes through the kiln sitter hole and is exposed 1" inside the kiln. Use fiber to fill space in kiln sitter hole. After the Electro Sitter is installed, read the controller manual that came with it. When you are ready to program the controller, turn kiln switches to high. You now have an electronically controlled kiln!

Electro Sitters may be used in most brands of kilns that have a kiln sitter. The units are rated up to 50 amps, higher amperages available at an additional charge.

THE EPK – ELECTRICAL PARTS KIT

Olympic Kilns EPK – Electrical Parts Kit – provides all the electrical components you need to revive, restore and extend the life of your kiln.



The EPK includes a full set of elements for the specific model, high temp connectors, element pins, transformer, fuse, crimping tool, pint of mortar, lead wires with slip-on connectors, thermocouple, and relays. Never experience down time again because you didn't have a part on hand. Keep your great kiln with an EPK. And you receive significant savings when purchasing an EPK compared to purchasing individual parts. Contact your Olympic Kilns distributor to order and specify your model and serial number with the voltage and wiring – single or three phase.

Before Purchasing Your Gas Kiln

Determine Kiln Location

- Adequate space – at least 12 inches of space between the kiln and the wall. All flammable materials such as curtains, plastics, etc. in the area of the kiln should be removed.
- Proper ventilation – if the kiln is located in a confined area, it is essential that an exhaust hood be placed above the kiln and vented to the outside. This ensures removal of heat and exhaust gases including carbon monoxide. Even if the kiln is outside, be sure that the hot exhaust gases do not cause damage.
- A 120 volt outlet will be needed if either the High Limit Controller or Auto-Cone were purchased with the kiln.
- Torchbearer, Raku and the DownDraft 9 models require a 3/4" gas pipeline; however if the kiln is a long distance from the gas source, a 1" pipeline may be necessary. The 1" gas pipeline is required on all other DownDraft models.
- Because all kilns generate heat, the burner system/stand should be placed on a cement floor. Tiles or linoleum could be damaged without this precaution. It is important that the kiln be fired only on the metal stand or frame provided. The height of the burner system/frame (11") is necessary for proper burner positioning and adequate cooling beneath the kiln. Remember to use sheet metal or non-flammable material to shim the legs when leveling the kiln.
- 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.

Gas Usage

Propane

Olympic gas kilns burners are factory set for use on either propane or natural gas determined by the customer's order. If propane is used, your tank must have a low-pressure regulator like those on a camper or trailer. If an adjustable regulator is used approximately ½ pound of pressure is necessary. The larger the tank the better; however, a five (5) gallon tank is the minimum size for the 1827G or 18 Raku and a 15 gallon tank is the minimum size for the 2327G/23 Raku and 2827G/28 Raku kilns. Due to gas flow, the propane tank may have a tendency to freeze solid. If ice is observed forming on the outside of the tank, water can be run over it to help keep it melted. The tank can also be lowered into a large bucket of warm water.

The table below is the minimum size tank for a cone 10 firing for each DownDraft model. You need to purchase a larger tank than the cone 10 firing requirement so that you are not refilling the tank after each firing.

DD9	10	DD20	24
DD12	15	DD24	29
DD14	18	DD30	40
DD17	21	DD40	48

Natural Gas

A larger burner orifice is necessary when used on household gas pressure of six (6) to eight (8) inches of water column. If your kiln was ordered for use on household natural gas, it is equipped this way.

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.

Shipments delivered by freight carrier require a lift gate if a loading dock is not available at the delivery location. 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.

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.

Olympic gas kiln models 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 your phone or web directory 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 of the kiln, the weight, 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.

Visit OlympicKilns.com/products/gas to see all options and accessories for gas kilns.



UPDRAFT GAS KILNS

RAKU & TORCHBEARER MODELS

**Great for
Bisque, Glaze,
Reduction &
Raku!**

18 Raku

17 1/2" w x 22 1/2" d



23 Raku

23 3/8" w x 27" d



28 Raku

23 1/4" w x 27" d



Olympic Raku designed models firing chambers retain the heat when lifted up with a hand crank and provide fast turn-around time when raku'ing. Rakus provide easy access all around the kiln to the pieces being fired. The Torchbearer style is a top loading stackable gas kiln which makes for easy portability when needed. Additional rings can be added to the Torchbearer kiln to add more depth yet maintain the same temperature range.



1827G

17 1/2" w x 27" d

Shown with optional Ignition System
& High Limit Controller



2327G

23 3/8" w x 27" d

Shown with optional Ignition System



2831G

28 1/4" w x 31 1/2" d

Shown with optional Ignition System
& Kiln Sitter

Olympic UpDraft Gas Kilns are constructed from durable firebrick and are equipped with venturi burner systems to ensure even temperature firings. Raku and Torchbearer gas kilns with their portability offer many advantages such as low initial cost, convenient movement for demonstration use and in situations where space does not permit the installation of large permanent kilns.



The multiple burner configuration gives the Raku and Torchbearer gas kilns even heating characteristics, fast controllable firing times and economical operation. These gas models are available in three widths: 18", 23" and 28" with depths ranging from 22.5" to 31.5" deep. Raku and Torchbearer designs fire to Cone 10 – 2350°F/1288°C and use propane or natural gas for fuel.

Firing raku pottery using Olympic 18 Raku at
Quinlan Arts Center, Gainesville, GA



LARGE CAPACITY GAS KILNS

HIGH VOLUME, LARGE CAPACITY GAS KILNS – FIBER OR BRICK



DD30 Car Kiln
with optional High Limit Controller
30 cubic feet of setting space
36" w x 36" d x 40" h



Rotating Door – 360 degree revolving door for DownDraft models.

The DownDraft kiln's exhaust and its intake, is at the bottom. DownDrafts require a chimney or stack to induce enough draft to pull in fresh air for combustion. Olympic DownDrafts fire to Cone 10 – 2350°F/1288°C and can be built of brick or fiber to run on propane or natural gas.

The frames of the Olympic downdraft gas kilns are built of heavy angle iron and metal tubing. Kiln walls are 4 1/2" insulating brick with 1" ceramic fiberboard and a 1" air space created by the tube frame. The exterior of the downdraft kilns are durable stainless steel. Fiber and brick DownDrafts are built with double insulated floors, consisting of brick and ceramic fiberboard. The additional strength and insulation enables the kiln to fire at high temperatures, and to maintain temperatures, without damage or deterioration. The roofs of the Olympic DownDrafts are designed with bolt in pyro-block modules for energy efficiency and easy repairs. There is a binder in the ceramic board insulation that will emit an odor during the first firing. This is normal and will not occur after the first firing.

Olympic DownDrafts are built with high efficiency venturi burners; or as an option, forced air burners with the output of 500,000 BTUs, either burner providing excellent temperature and reduction uniformity.

Olympic DownDraft gas kilns have the option of having the walls built with brick or fiber. Fiber walls allow the kiln to heat up and cool down faster than kiln brick, which is designed for a slower heating up and cooling down program. Pictured at right is a custom fiber built downdraft gas kiln with an optional feature of the venturi burners on the side of the chamber wall instead of underneath the kiln.



DD17 Brick Kiln
equipped with optional Vent Hood
17 cubic feet of setting space
29" w x 28" d x 37" h



Optional High Limit Controller acts as a digital pyrometer and can be set to the desired target temperature of the firing. Once the kiln reaches temperature, the High Limit Controller will shut down the kiln.



DD24 Fiber Kiln
with venturi burners placed on the side
24 cubic feet of setting space
32" w x 35" d x 38" h



Optional Forced Blower Burners 200k

CUSTOM ELECTRIC & GAS KILNS

FOR AERONAUTICS, BLADE WORK, DPF, HEAT-TREATING, CERAMICS, POTTERY, GLASS



We set a high standard of quality and design for Olympic kilns. Many of the features on the kilns produced over the years have resulted from customer requests to enhance a kiln's design or performance. We listen to our customers.

We are innovative and willing to pioneer new concepts and designs. Our cutting edge ideas have become industry standards today and we have the ceramic engineering expertise and business savvy to create the kiln of your dreams for the future.



CUSTOM KILNS QUOTED UPON REQUEST.



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