



Paragon



**Better
Designed
Kilns™**

Glass Kilns Built to Last

"I've fired your kilns all over the country during my seminars. I never hear complaints about your kilns. They are reliable and last a hell of a long time."—Dan Fenton, Fenton Glass Studio, Oakland, California

CS-Series Clamshell Kilns

Paragon's new CS-series clamshell kilns operate on 120 volts. Their firing chambers lift out of the way so you can assemble glass pieces inside the kiln.

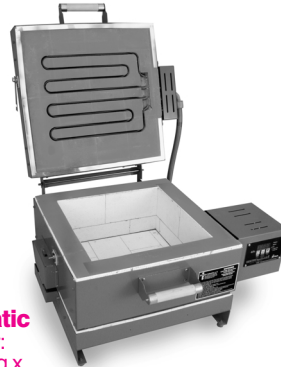
The CS-series come in dual- and single-opening versions. The CS-14D and CS-16D are dual-opening: Open the kiln by lifting the kiln body or by lifting only the lid. Lift the kiln body out of the way to assemble glass directly on the shelf; open the lid to load glass over a mold.

The CS-14S and CS-16S are single-opening—the lid and walls lift up as a single unit.

The kilns are easy to open because of two counter-weight springs mounted under the bottom. The kiln base extends 4" in the back to support the weight of the kiln in the open position.



CS-14D
Digital Automatic
Firing Chamber:
14" x 14" Opening x
6 1/2" deep



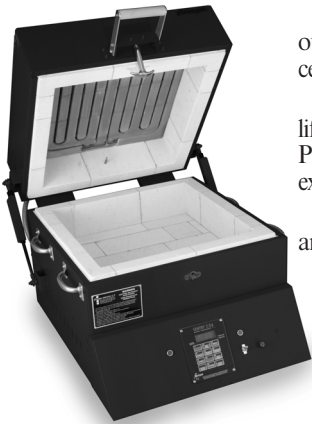
The CS-14D is dual opening: Open the kiln by lifting the kiln body or by lifting only the lid.



CS-14S
Digital Automatic
Firing Chamber:
14" x 14" Opening x
6 1/2" deep

The CS-14S shown here has the optional bead doors.

Pearl Clamshell Kilns



The Pearl-series firing chamber lifts out of the way to give convenient access to the shelf area.

Air pistons in all Pearls assist in lifting the top. You can place the Pearl-18 and -22 on a table without an extra stand.

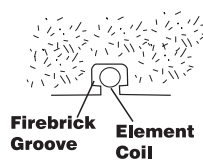
All Pearls have firebrick sidewalls and bottom. The Pearl-18 and -22

Pearl-22
Digital Automatic
Firing Chamber: 22" deep,
22" wide, 13" high



Pearl-18
Digital Automatic
Firing Chamber: 18" deep,
18" wide, 8 1/2" high

Element Grooves in the top of the kiln eliminate pins.



Fusion-Series Glass Kilns

All-purpose glass kilns

Paragon's Fusion-series digital hot glass kilns are packed with exciting features. They come in 6-, 7-, 8- and 10-sided versions.

For your convenience, flip the switch on the front panel to turn off power to the controller when the kiln is not in use.

An 18" tall stand comes standard on the Fusion kilns (except for the Fusion-14, which has a built-in stand). This stand raises the kiln to a comfortable height for loading and operation.

The Fusion-series lid element groove eliminates element pins. The element coils are wider than the groove opening, so the elements stay in place without pins.



Fusion-16
Digital Automatic
Firing Chamber:
16" x 16" Opening x
6 1/2" deep



Fusion-14
Digital Automatic
Firing Chamber:
14" x 14" Opening x
6 1/2" deep

The Fusion-14 shown above has the optional bead doors.



Fusion-10
Digital Automatic
10-sided Firing Chamber:
23 1/2" wide x 11" deep

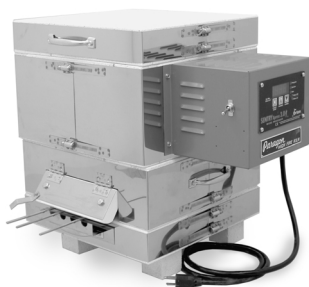
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Caldera & FireFly

The Caldera and FireFly kilns make glass compatibility and color tests fast and easy. The Caldera has a separate top and bottom; they are stackable and completely portable. The FireFly has an attached lid and bottom. These kilns come in manual-fire and digital versions. The manual versions include an infinite control switch, pilot light, and pyrometer.

Add 4 1/2" of height with a collar. The Caldera-BC collar has a 7 1/2" x 2" door on the side for annealing glass beads. The Caldera-X is the same type of collar, but without the bead door.

To strengthen the firing chamber, the firebrick corners are fitted together with L-shaped notches.



Caldera
Digital Automatic
Shown with optional
Bead Collar
Firing Chamber:
8" x 8" Opening x 6 3/4" deep



The Caldera and FireFly ship by convenient UPS.

Digital FireFly
Firing Chamber:
8" x 8" Opening
x 4 1/2" deep



Ovation-10
Digital Automatic
Firing Chamber: 22 1/2" deep,
41" wide x 11 1/4" high

The Ovation

If you have been firing a smaller kiln, you will be amazed at the space inside the Ovation-10. Fire several large projects such as bowls or platters in one load.

The lid is easy to lift with dual spring-assisted lid supports, which transfer the weight of the lid to a massive hinge assembly on the back of the kiln. This reduces

the stress on the kiln wall resulting in the long life that Paragon kilns are famous for.

The advanced digital Sentry 2.0 12-key controller is standard on the Ovation-10. The 3"-thick firebricks in the walls, top and floor strengthen the firing chamber and slow the natural cooling rate.

Kiln Specifications

Most Paragon glass kilns can be ordered with the optional industrial mercury relays. Ask about the optional glass window and bead door.

Model No.	Certified to CSA & UL Std 499	Max. Temp. °F	Loading	Cubic Feet	Firing Chamber		Approx. Shpg. Weight Kiln	Shpg. Furn.	Outside Dimensions W. X D. X H.	Doorway Clearance Needed
					Opening	Depth				
BlueBird	Yes	1200°	Front	.28	20"W x 5"H	5"	40	—	33 1/2" x 11 1/2" x 12 1/2"	
BlueBird Jr	No	1200°	Front	.12	13"W x 2 3/4"H	6 1/4"	38	—	20" x 15 1/4" x 16"	
BlueBird XL	Yes	1500°	Front	.47	20"W x 4 1/2"H	9"	86	—	25 1/2" x 19" x 16"	
Caldera	Yes	2350°	Top	.25	8" x 8"	6 3/4"	46	5	13" x 19 1/2" x 11 3/4"	
Caldera-S	Yes	2350°	Top	.25	8" x 8"	6 3/4"	46	5	13" x 19 1/2" x 11 3/4"	
Caldera-X	Yes	2000°	Top	.16	8" x 8"	4 1/2"	14	—	13" x 13" x 4 1/2"	
Caldera-BC	Yes	2000°	Top	.16	8" x 8"	4 1/2"	14	—	13" x 13" x 4 1/2"	
CS-14D	Yes	1700°	Top	.73	14" x 14"	6 1/2"	157	10	28" x 26 1/2" x 15"	26 1/2"
CS-14S	Yes	1700°	Top	.73	14" x 14"	6 1/2"	157	10	27" x 26 1/2" x 15"	26 1/2"
CS-16D	Yes	1700°	Top	.96	16" x 16"	6 1/2"	175	16	30" x 28 1/2" x 15"	28 1/2"
CS-16S	Yes	1700°	Top	.96	16" x 16"	6 1/2"	175	16	29" x 28 1/2" x 15"	28 1/2"
F-120	Yes	1700°	Front	.47	10 3/4"W x 7"H	11"	125	12	20 1/2" x 23" x 20"	20 1/2"
F-130 Elite	Yes	1700°	Front	.9	11"W x 13"H	11"	162	12	23 1/2" x 18 1/2" x 26"	23 1/2"
F-200	No	1700°	Front	1.73	25"W x 8"H	15"	273	—	36" x 26" x 24"	26"
F-240	Yes	1700°	Front	2.4	18"W x 13"H	18"	288	13	29" x 32" x 28 1/2"	29"
F-500	No	1200°	Front	5.5	24"W x 22 1/4"H	18"	600	—	35" x 29" x 38"	29"
FireFly Digital	Yes	2350°	Top	.16	8" x 8"	4 1/2"	45	5	15" x 21 1/4" x 12"	
Fusion-7	Yes	1700°	Top	.69	14 1/2" 7-sided	6 1/2"	115	12	22" x 24 1/2" x 30 1/2"*	22"
Fusion-8	Yes	1700°	Top	1.59	17 1/2" 8-sided	11"	158	15	25" x 28 1/2" x 35"*	26"
Fusion-10	Yes	1700°	Top	2.86	23 1/2" 10-sided	11"	205	30	30 1/2" x 39 1/2" x 35"*	32"
Fusion-14	Yes	1700°	Top	.73	14" x 14"	6 1/2"	105	10	26" x 22" x 14"	26"
Fusion-16	Yes	1700°	Top	.96	16" x 16"	6 1/2"	165	16	28" x 24" x 34 1/2" ‡	29 1/2"
GL-18ADTSD	No	1700°	Front	2.4	18"W x 13"H	18"	310	15	34 1/2" x 28" x 25 1/2"	31"
GL-24ADTSD	Yes	1700°	Front	4.68	24"W x 15"H	22 1/2"	397	43	40 1/2" x 32" x 29 1/2"	33"
Ovation-10	No	1700°	Top	5.2	22 1/2"W x 41 1/2" long	11"	402	45	50" x 39 1/2" x 38 1/2"*	39 1/2"
Pearl-18	No	1700°	Top	1.59	18"W x 18"H	8 1/2"	230	20	27" x 34" x 21"	28"
Pearl-22	No	1700°	Top	3.64	22"W x 22" long	13"	321	28	32" x 37" x 26"	32"
Pearl-44	No	1700°	Top	7.28	22"W x 44" long	13"	875	54	62" x 33" x 47"	33"
Pearl-56	No	1700°	Top	16	30"W x 56" long	16 1/2"	1,482	212	78" x 47" x 47 1/2"	47"
QuikFire 6	Yes	2000°	Top	.125	6" x 6"	6"	15	3	14 3/4" x 12 1/2" x 12 1/4"	
SC-2	Yes	2000°	Front	.19	8"W x 5 3/4"H	7 3/4"	36	—	13 1/4" x 14" x 15 1/2"	

GL-Series Square Kilns

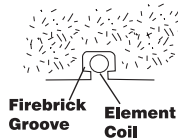
Rugged, reliable studio kilns

Paragon's GL-series are made for years of rigorous firing, as artists all over America can attest. The insulating firebrick, wrapped in heavy-gauge steel, soak up heat for slow, even cooling.

The spring-pressure latch and a 1/2" recess around the edge of the door seal the door tight. The door remains rock-steady on a heavy hinge shaft. Four hand lifts aid moving. The base is open in the back and slotted to dissipate heat. The kilns are ideal for classrooms, because students are less apt to slam a kiln door than a lid.

Optional Ceramic Fiber Top

The standard GL-series kiln comes with an insulating firebrick top with pinless element grooves. The upgrade options are 1) a ceramic fiber top with embedded heating elements or 2) a



ceramic fiber top with threaded elements. A fiber top helps keep the glass clean during firing.

Top, Side & Door Elements

The basic GL-series kiln comes with top-mounted heating elements for even glass expansion. Use side heat for taller projects such as drop-out vases sagged through a ring mold. Side elements, seated in dropped, recessed brick grooves, span the three walls in horizontal rows:

- GL-18A and GL-18AD: 4 rows
- GL-24A and GL-24AD: 6 rows

GL-24ADTSD Digital Auto

Firing Chamber: 24" wide, 15" high, 22 1/2" deep
Shown with optional side & door elements & door switch

Firebrick element Grooves in the top eliminate pins.

Door elements offer unsurpassed heat distribution for difficult pieces. (The door with elements is always hinged on the right side.)

Digital GL-series with top and side/door elements use Power Ratio digital technology to balance the heat between top and side/door elements. Kilns with side/door elements are equipped with a door safety switch. When the door opens, the switch shuts off the elements.

Optional Kiln Stand

The heavy-duty GL-series stand raises your GL-18, GL-22 or GL-24 kiln to a convenient height. Begin operating your new kiln without having to find a table strong enough to support over 300 pounds. The table is 147 pounds of rock-solid construction.

- ST-8: without casters
30 1/4" square x 28 1/4" high, 147 lb.
- ST-8-1: with 2" steel casters
30 1/4" square x 30 3/4" high, 150 lb.

We reserve the right to change product specifications without notice or obligation.

Electrical Power			Circuit Size		NEMA Config.
Volts	Amps	Watts	Copper Wire	Fuse Size	
120	8	960	14	15	5-15R
120	6	700	14	15	5-15R
120	14	1700	12	20	5-15R
120	14	1,680	12	20	5-15R
120	14	1,680	12	20	5-15R
--	--	--	--	--	--
--	--	--	--	--	--
120	15	1,800	12	20	5-15R
120	15	1,800	12	20	5-15R
120	20	2,400	12	20	5-20R
120	20	2,400	12	20	5-20R
120	14	1,680	12	20	5-15R
120	20	2,400	12	20	5-20R
240	20	4,800	12	20	6-20R
240	20	4,800	12	20	6-20R
240	29	6,850	8	40	6-30R
120	11	1,300	12	20	5-15R
120	15	1,800	12	20	5-15R
240	20	4,800	12	20	6-20R
240	30	7,200	10	40	6-30R
120	15	1,800	12	20	5-15R
120	20	2,400	12	20	5-20R
240	20	4,800	12	20	6-20R
240	45	10,800	6	50	6-50R
240	30	7,200	10	40	6-30R
240	17	4,000	12	20	6-20R
240	30	7,200	10	40	6-30R
240	48	11,500	6	50	6-50R
240	67	16,000	4	75	Direct
120	13	1,560	12	20	5-15R
120	12	1,440	14	15	5-15R

*Height includes 18 1/2" tall stand.

Pearl-56

The Pearl-56 is loaded with standard features: lockable casters; levelers; elements in the roof, walls, and floor; two peepholes in the front and two in the top; mercury relays; ceramic fiber lid. This is a glass artist's dream kiln.

The Pearl-56 uses advanced power ratio technology, a special feature on the Sentry controller, to balance the heat between the top and side elements in increments of 10%. Set the heat balance for any combination desired between the top and sides. Enjoy precise heat balance.

Air pistons in the Pearl-56 assist in lifting the top. To keep them cool for long, trouble-free service, electrical components are mounted in a separate switch box on the side of the kiln.

Pearl-56
Digital Automatic
Firing Chamber: 30" deep,
56" wide, 16 1/2" high

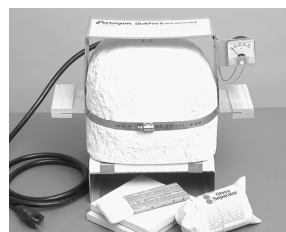


The QuikFire 6

Zero to 1000°F in five minutes!

The QuikFire 6 brings instant gratification to ceramics, glass fusing, enameling, silver, and china painting. Small glass pieces can be fired and cooled to room temperature in only 30 to 40 minutes. No more waiting to fill your larger kiln to test-fire a new technique or new glaze.

The QuikFire is a ceramic fiber shell with an embedded element. It measures 6" x 6" x 6" inside. The shell rests on a ceramic fiber base with steel stand. The QuikFire is rated to 2000°F. It fires on 120 volts and needs no other heating source. At only 1560 watts, it uses less power than many hair driers.



QuikFire 6
With Toggle Switch
Firing Chamber: 6" wide, 6" high, 6" deep



To see how your work is progressing, tilt the shell up an inch for several seconds. Read temperature at a glance with the built-in pyrometer, which indicates when to start watching the ware inside the kiln.

The optional PCB-1 Power Control Box uses an infinite control switch to slow the QuikFire 6 for large, thick pieces. May be used for other kilns rated up to 120 volts, 15 amps.



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F-Series Lamp Working Kilns

The F-120, F-130, F-200, and F-240 kilns have two mechanical relays for long life. (The relays turn on the heating elements after receiving a signal from the digital controller.) The two relays last longer than the single relay of competitive kilns, because less amperage goes through each relay. The F-500 comes with an industrial mercury relay. You can also order the other F-series kilns with the mercury relay.



F-130 Elite
Digital Automatic
Firing Chamber: 11" deep,
11" wide x 13" high



F-240
Digital Automatic
Firing Chamber: 18" deep,
18" wide x 13" high
(with optional sidewall
elements)
Bead Doors: 4" x 15"



F-200
Digital Automatic
Firing Chamber: 15" deep,
25" wide x 8" high
Bead Doors: 2" x 11"



F-500
Digital Automatic
Firing Chamber: 18" deep,
24" wide x 22 1/4" high
Bead Doors: 4" x 10 1/2"

The BlueBirds



BlueBird
Digital Automatic
Firing Chamber: 6" deep,
20" wide, 2 3/4" high
2 Doors: 2" x 10"



The Paragon BlueBird kilns safely anneal glass to prevent breakage during cooling. They are ideal for seminar teachers.

The BlueBird XL now comes with two types of doors: a 10" x 4" short door and a 10" x 4 1/4" tall door. The 10" x 4" short door has a 1/2" gap under the door and includes a double mandrel holder. Place bead rods on the mandrel holder, which cradles the rods at two points. Because of the gap, the door remains closed even with bead mandrels in the kiln. Adjust the height of the mandrel holder by loosening screws underneath.

Side latches hold the doors closed while heating to annealing temperature. Plastic knobs on the door handles stay cool to the touch. Rare-earth magnets hold the doors open when needed.



BlueBird XL
Digital Automatic
Firing Chamber: 9" deep,
20" wide, 4 1/2" high
Short door: 4" x 10"
Tall door: 4 1/4" x 10"



The SC-2



SC-2
Digital Automatic
Firing Chamber: 7 3/4" deep,
8" wide, 5 3/4" high
With optional
Bead door and Window



The digital SC-series kilns fire silver clay, glass, jewelry and beads in minutes up to 2000°F.

The SC-series is surprisingly affordable for digital kilns. They fire automatically at the rate and temperature you enter.

The high-tech ceramic fiber firing chamber is wrapped in a steel inner case. The outer surface remains cool due to air circulation between the inner and outer case.

- Digital Sentry Xpress controller with 8 Segment Ramp-Hold mode
- On/off safety switch
- Built-in base
- Door opens 180 degrees.

- The case is slotted for air circulation.
- Electrical components in the base stay cool even at extended hold times.
- The embedded elements heat from the two sides for even heat distribution.
- Top vent complete with tapered plug for lost wax casting
- Includes a 1/4" thick ceramic fiber shelf.

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