

## GLASS FUSING KILNS – GM1214

It's Big!

This is the largest round top-fired glass fusing kiln we make. Want to make a bird bath...you can do it. Want to make a sink..you can do it! When you are not making large things, you can load a ton of small things in this kiln (okay maybe not a ton, but a lot). This kiln is perfect for teaching and production studios.

### FEATURES

Sophisticated, Yet Easy to Use

- The **GlassMaster Controller** is the only controller on the market with **GlassFire Mode**. GlassFire Mode allows you to run a program simply by entering the type of effect you want: **Fuse**, **Tack Fuse** or **Slump** and a speed based on the size and thickness of the project. It really is that easy and it works on most projects.

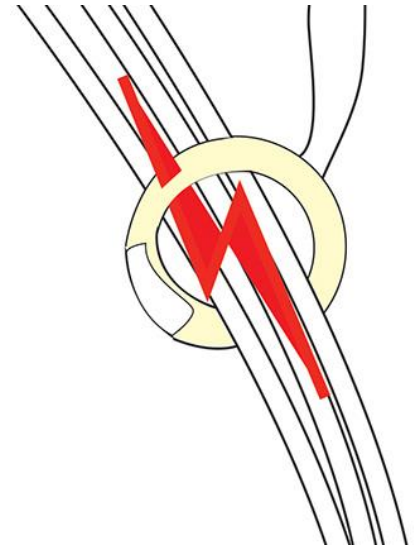


- If you prefer to write your own firing programs simply use the **Ramp/Hold** programming mode which can store up to 8 of your custom programs with up to 8 Segments. When you are ready to use one of your stored programs just load it and press start.
- **Built in Diagnostics** give you or our technicians the ability to diagnose kiln problems with just a few button presses.
- **Active Keys** allow you to make adjustments to the program while it is running based on a visual inspection. The **Anneal Now** key allows you to skip to the annealing phase of the program with a single key press. **Add Time** allows you to add 5 minutes to the final heating segment of the program if your project needs more time and **Add Temp** allow you to increase the temperature in the final heating segment if you want the glass to get hotter.

## Current Sensing Technology

Skutt is one of the few brands that installs a **Current Sensor in every GlassMaster Kiln**. This allows you to read the **Amperage** of each section of the kiln as well as the **Voltage** and **Voltage Under Load**.

Now with the touch of a few buttons you can give those readings over the phone to your kiln repair technician so they can troubleshoot the problem and make sure they have the correct parts when they come out for the repair. This **Saves Time and Money**. Prior to the use of these current sensors someone would have to come to your house and test the amperage and voltage inside the control box with live wires exposed. This system is **Much Safer**.



## Balanced Elements



As most of you probably already know, glass is very susceptible to uneven heating. The more uneven the heat is in the kiln chamber, the slower you need to fire the kiln. Side fired kiln owners understand this, and are willing to trade the disadvantages of having to slow their programs down for advantages of being able to fire on multiple levels.

Our Studio Kiln Series have lid elements and side elements. This does not mean you can fire on multiple levels. The side elements are there to replenish heat on the bottom of the kiln. This not only keeps the shelf warm (which is important), it also provides for uniform heat top to bottom for artists working with deep molds and drop molds.

## The Thermocouple

- Thin-walled inconel cover equals faster reaction time and higher accuracy.
- Easy and quick to replace.



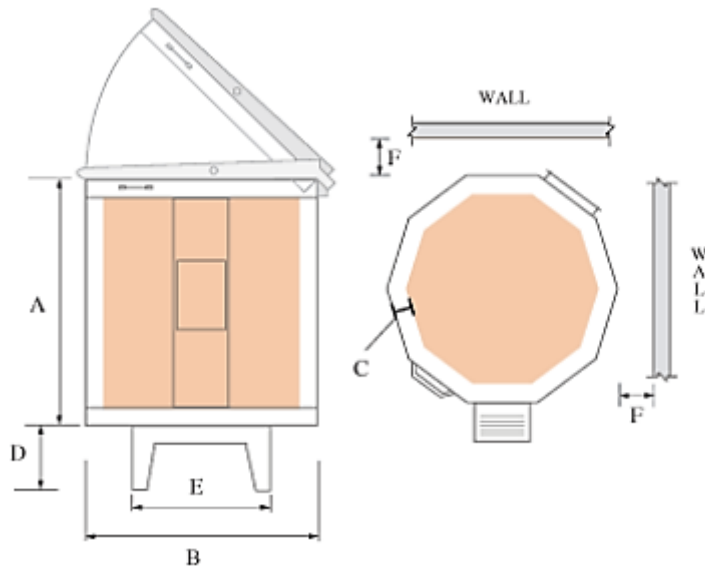
## The Lid Lifter

- Standard on GM1214-3
- Lift 100lbs with ease!
- All stainless construction.
- Easy and safe to tension.



## PRODUCT SPECIFICATIONS & DIMENSIONS

### DIMENSIONS



Model	Phase	Volts	Maximum		Power		Copper Wire Size	NEMA Receptacle	BTU's
			Cone	Temp(F)	Amps	Watts			
GM-1214-3	1	240	0	1800	42	10000	6	6-50	14100
GM-1214-3	1	208	0	1800	48	10000	6	6-50	14100
GM-1214-3	3	240	0	1800	29	10000	8	15-50	14100
GM-1214-3	3	208	0	1800	29.4	10000	8	15-50	14100

O.D. Dimensions					
A	B	C	D	E	F
33	34	3	8	12	18

### Chamber Capacity

Approximately 28 in. x 28 in. opening and 13.5 in. high. 5 cubic feet.

Depth	Opening Width	Opening Length	Cubic Ft.
13.5 in.	28.0 in.	28.0 in.	5

### Controller

Thermocouple: K

Clock: 60 Mhz

Voltage: 24 DC Relays

Output: 12 Volts DC

Fuse: 0.5 AMP



## THE WARRANTY

- Unlike most warranties, ours covers **Parts AND Labor**.
- Never Pro-Rated.
- Serviced by the most extensive, knowledgeable and talented distributor network in the industry.
- Backed by a company whose mission statement is “We help you make great things”. When your kiln is down, you can’t make great things.



## SHIPPING

Weights listed are only approximations. Actual weight will vary due to humidity levels and varying brick density.

Weight (LBS): 285

Skutt Kilns should arrive fully assembled.

Packed with the kiln you will find the following items:

- Kiln Stand
- Stand Feet
- Peep Plugs – attached to the kiln stand, enough to fill each peephole on your particular model.

