While you’re deciding which Skutt kiln is right for you, keep in mind the power requirements of each kiln, and what power is available in your kiln room. In most cases, you will need an electrician to install the proper receptacle and wiring. We recommend wire of adequate size is installed for safety and to assure satisfactory performance of the kiln. See the chart on the next page for the electrical requirements of the entire Skutt kiln line. You can contact your local power company or an electrician to determine what voltage you have (208 or 240 volt supplies) and the amperage limitations you may have at your building.

**Power notes:**

**Low voltage problems**

Skutt kilns may not operate correctly if you are receiving low voltage from your power line. K5 kilns may fire slowly and not reach high fire temperatures. KM controllers may display an error message.

**Three-phase installation**

The 3-phase models KM1027 and KM1227 require a 3-phase contactor box to be used to shut off the kiln. The contactor box comes with a receptacle for the kiln connected to the bottom of the box. The contactor box is included in the price of the kiln. The 3-phase Models KM1127 and KM1227 can be plugged directly into a 3-phase (15-50) wall receptacle.

**208 versus 240 supplies**

As you can see from the chart, most Skutt models are available in either 208 or 240 volt versions. The exceptions are Models K5714 and KM1741 which are universal, and will fire with 208V or 280V power (614 and 609 models run on 115V). The 208V versions should never be fired on a 240V supply without first installing a full set of 240V elements. Otherwise, all components will be seriously overtaxed. Similarly, the 240 volt kilns should not be used on a 208 volt supply. The elements will not be properly powered and will fail to reach the maximum rated temperatures for that kiln.

**Notes on the 714**

Connecting and testing models K5714 and KM714: the wall outlets for these models must be powered by 3-wire 120/240-208V solid neutral supply—as for an electric range. Consult the kiln manual before installation.

**A few precautions**

Please remember that your Skutt kiln can reach high temperatures and should be handled with care. Never leave the kiln unattended while it is on. Keep the manual and manual holder in a safe place, and follow all recommendations and cautions outlined in the manual. Consult your distributor about installation. They can usually recommend a licensed electrician who has kiln installation experience, which will result in a kiln that can deliver all the performance we design into every Skutt product. However, although automatic controllers allow you to be away from the kiln during firing, we recommend that you monitor the firing periodically and that you always be present near the end of the firing through shutdown.

The metal on the outside of the kiln is extremely hot when the kiln is firing. Be sure to locate the kiln in an area that is clear of combustible materials and protected from small children and pets. Also if you are locating the kiln in a basement or men’s room do not locate the kiln directly under a window head. You can install the highest temperature experience head possible in accordance with your local building codes and Fire Marshal. Common temperature drop settings for a piece of work are 165˚ F (310˚ F) and 200˚ F. Hotter ratings are available if they require special permits in most cases.

**Ceramic Products Warranty — Limited**

SKUTT CERAMIC PRODUCTS, INC. warrants this product to be free from defects in materials and workmanship for two full years from the date of the first retail purchase from an authorized Skutt dealer.

What Skutt Will Do: Skutt will repair or replace, at its expense, any defective part upon return, freight prepaid, to any authorized Skutt service center. This warranty may not be assigned or transferred. This warranty does not cover any damage caused by by improper installation, misuse, or abuse of this product, or any modifications or alterations made to this product.

What You Must Do: You must promptly notify Skutt of any defect in materials or workmanship by telephone or letter. You must provide Skutt with reasonable access to the product at any reasonable time and place. You must remove the kiln from service and make it available to Skutt for inspection. You must return the kiln with all elements in their original factory condition.

How to Obtain Warranty Service: Notify your Skutt dealer or distributor within 10 days of discovery of any defect. Deliver any defective part, freight prepaid, to an authorized Skutt service center. A list of Skutt service centers may be obtained from your dealer or from Skutt Ceramic Products, Inc. at the address and telephone number below.

**How to Obtain Warranty Service.** Notify your Skutt dealer or distributor within 10 days of discovery of any defect. Deliver any defective part, freight prepaid, to an authorized Skutt service center. A list of Skutt service centers may be obtained from your dealer or from Skutt Ceramic Products, Inc. at the address and telephone number below.

**Other limitations.** ANY SPECIAL, INCIDENTAL, INDIRECT, CONSEQUENTIAL DAMAGES, INCLUDING PROPERTY DAMAGE; LOSS PROFITS; LOSS OF USE; OR OTHER ECONOMIC LOSS, ARE EXCLUDED TO THE FULL EXTENT PERMITTED BY STATE LAW. SOME STATES DO NOT ALLOW THE EXCLUSION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU. DEFENDANTS ARE NOT AUTHORIZED TO MODIFY THIS WARRANTY OR MAKE ANY ADDITIONAL COMMITMENTS. Skutt WILL NOT BE RESPONSIBLE FOR PROMISES NOT CONTAINED IN THIS WARRANTY.

**State Law Rights.** This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

**Kilnmaster Specifications**

- **Delay Firing start up:** up to 99 hours and 59 minutes.
- **Cone Fire Mode:** entry by cone number, 3 firing speeds, Cone 022 to 22.
- **COPPER WIRE**
- **NEMA-RECEPTACLE GUIDE**
- **UL/CSA LISTING**
- **Multiprogramming:** entry by program number, 3 firing speeds, Cone 022 to 22.
- **Electronic Cone Table:** converts cone numbers to temperature. Digital Readout: Fahrenheit or Celsius.
- **Power Failure Detection:** Thermocouple Failure Detection, Microprocessor Fault Detection.
- **Power requirements:** 115V, 1.4 Amp, 30 Amp circuit breaker, 30 Amp fused circuit.
- **Control Panel:** sealed touch pad, 8 soft keys, 8 set points, digital readout, program review.
- **Control:** in-line power switch. Air volume: 140 cfm. Shipping weight: 17 lbs. Ul listed vent system when used to be away from the kiln during firing, we recommend that you monitor the firing periodically and that you always be present near the end of the firing through shutdown.
- **Temperature:** Adjustable to desired temperature.
- **Control Panel:** sealed touch pad, washable.
- **Thermocouple:** Type K.
- **Electrical Requirements:** Copper wire. Nema receptacle.
- **UL/CSA Listing:** Listed for use with Skutt kilns.
- **Bonding:** For each additional 50 ft. use heavier wire.
- **Hi-temp oven: Type K.
- **Flow switch:** 140 cfm.
- **Elizabeth’s Wares and Values in Research is limited to those transformers used in a kiln:”
- **Skutt Ceramic Products, Inc.”
- **Firing程序:** entry by cone number, 3 firing speeds, Cone 022 to 22.
- **Electronic Cone Table:** converts cone numbers to temperature. Digital Readout: Fahrenheit or Celsius.
- **Power Failure Detection:** Thermocouple Failure Detection, Microprocessor Fault Detection.
- **Power requirements:** 115V, 1.4 Amp, 30 Amp circuit breaker, 30 Amp fused circuit.
- **Control Panel:** sealed touch pad, 8 soft keys, 8 set points, digital readout, program review.
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- **Control Panel:** sealed touch pad, washable.
- **Thermocouple:** Type K.
- **Electrical Requirements:** Copper wire. Nema receptacle.
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