SKUTT CERAMIC PRODUCTS

KM Kiln Specification Sheet

Electrical requirements for Skutt Automatic Kilns and KilnMaster Controller

Model	Volts	Amps	Watts	Copper Wire Size*	Fuse or Breaker Size	NEMA Receptacle Configuration
KM-614-3	115	20	2300	10	30	(Canada) 5-30
KM-614-3	115	20	2300	10	30	5-20
KM-714	240-208	20	3600	10	30	14-30
KM-818	240	26.7	6400	8	40	6-50
KM-818	208	26.7	6400	8	40	6-50
KM-818-30A	240	21.7	5200	10	30	6-30
KM-818-30A	208	24.0	4900	10	30	6-30
KM-1018	240	38.5	9250	6	50	6-50
KM-1018	208	40	8320	6	50	6-50
KM-1027	240	48	11520	6	60	6-50
KM-1027	208	48	9984	6	60	6-50
KM-1027 3ph	240	29.3	11520	8	40	15-50**
KM-1027 3ph	208	31.3	11000	8	45	15-50**
KM-1227	240	48	11520	6	60	6-50
KM-1227	208	48	9984	6	60	6-50
KM-1227 3ph	240	29.3	11520	8	40	15-50**
KM-1227 3ph	208	31.7	11000	8	45	15-50**
KM-1	240-208	Switching Capacity			48	6-50
KM-1 3ph	240-208	Switching Capacity			40	15-50

Model	Volts	Amps	Watts	Max. Cone	Copper Wire Size*	Fuse or Breaker Size
KM-1231PK	240	72	17300	10	2	90
KM-1231PK	208	80	16640	10	2	100
KM-1231PK-3ph	240	44.5	17300	10	6	60
KM-1231PK-3ph	208	51.5	17300	10	6	60
KM-1227PK	240	60	14300	10	4	80
KM-1227PK	208	69	14300	10	2	90
KM-1227PK-3ph	240	40	14300	10	6	50
KM-1227PK-3ph	208	46.7	14300	10	6	60

***An electrician will need to make the electrical connection.** The kilns are "hard wired" to allow for greater amperage. For each additional 50 feet use heavier wire, numerically two numbers lower—for example, instead of #6, use #4. If you anticipate installing any larger kiln in the future, use the heavier wire.*

**For runs longer than 50 feet use heavier wire, numerically two numbers lower—for example, instead of #10, use #8. If you anticipate installing any larger kiln in the future, use the heavier wire. **See special instructions and wiring diagram.*

(continued)