

PARAGON KILNS



Viking 28



Dragon & Iguana Front Load



TNF SERIES (Tnf -24)



SNF SERIES (Snf -66)



S SERIES (S-99)



SC SERIES (SC-2)



GF SERIES (GF-10BD)



GL SERIES (GL-18ADTSD)



CHINA SERIES (X-14J)



JANUS SERIES
(JANUS 1613)



E & Q SERIES (E-9AX)



QUIKFIRE 6



J SERIES (J14-1)



H & K SERIES
(Tnf-H-17)



CALDERA SERIES
(Digital Auto)

Vikings are the professional grade, all digital kilns. As with the TnF studio kilns, they feature the Sentry 12-key controller, easy access switch box, ½ amp fuse, and LiteLid. But in addition, they use heavy-duty mercury relays instead of our standard mechanical relays. Mercury relays outlast the standard mechanical contactor relays by a wide margin. The Vikings have power to spare. They are 14,400 watt kilns and fire on a 70 amp, 240 volt circuit. The extra amperage increases element life, because the elements fire to higher temperatures without strain. UL/CUL & NEC compliant high amperage fuses protect the kiln and circuit wiring. These fuses are built into the kiln switchbox. As with our other studio kilns, the Viking switch box opens forward for easy maintenance. A support arm holds the box open, giving you access to the components inside the digital kiln. As with our other 10-sided TnF kilns, it is single-section construction.

Dragon & Iguana front-loading kilns have power to spare. This results in long element life, because the elements do not “struggle” to reach high temperatures. They fire to cone 10. Dropped, recessed grooves seat industrial-gauge elements. Ceramists who struggle with top-loading kilns will enjoy the Dragon and Iguana. The door swings open wide on a heavy steel rod with sealed bearings. Spring-loaded latches press the door tightly closed. The Dragon’s 4” thick walls, top and door are made of 3” firebrick backed by 1” of ceramic fiber block insulation. The Dragon floor is 4 ½” thick firebrick. The extra insulation not only saves energy but also cools slowly. This gives the microcrystalline structure and color of the glaze sufficient time for full development.

Tnf Series Paragon digital kilns are powered by either the 12-key Sentry micro processor or the smaller 3-key Sentry Xpress. These microprocessors are the result of intensive effort between Paragon Industries, L.P. and Orton Ceramic Foundation. The controllers add convenience and accuracy to your firings. Owning a Sentry is like hiring an assistant to watch your kiln. Nevertheless, please remember that you should monitor the kiln occasionally during firing, especially near the expected shut-off.

Snf kilns use switch-timers to change the heat settings. A Dawson Kiln Sitter with Limit Timer shuts the kiln off at the end of the firing. The top switch of an SnF kiln is an infinite control. The switch cycles on and off. The higher the switch setting, the longer the heating elements stay on during each cycle. This switch controls the heat output during the first stage of firing. The second switch (and third, if the kiln has one) is a switch-timer. When you set the second (and third) switches, you are adjusting timers, the same way you would set an egg timer. As the kiln fires and the timers run out of time, the second (and then the third) switches turn on, thereby delivering power to the elements. At the beginning of firing, the only elements that turn on are the ones wired to the top switch. When the time you set on the second switch elapses, stage two firing begins. The SnF kilns are easy to fire.