



RECOMMENDED

# FIRING SCHEDULE POSTER FOR PARAGON KILN MODEL X-14J

**WARNING**

Our warranty does not cover any damage caused by overfiring, regardless of the cause. Never fire by time alone... always use pyrometric cones! If you cannot see the cones, turn off the kiln at once!



DO NOT OPEN KILN LID FOR 8 HOURS AFTER FIRING HAS BEEN COMPLETED.

**AVERAGE FIRING TIME REQUIRED**

Voltage variation can cause firing time to vary from 1/2 to more than twice the time shown.

	START	1/4 HR. FROM START	3/4 HR. FROM START	1 HR. FROM START	1 1/4 HRS. FROM START	1 3/4 HRS. FROM START	2 HRS. FROM START	
<b>CHINA PAINTS, GOLD and OTHER OVERGLAZES</b> KILN SWITCH PEEPHOLE PLUG LID POSITION	LOW	4	6	HIGH				LARGE CONE 018 ON THE SHELF BEHIND THE PEEPHOLE BENDS IN 1 1/4 HOURS AVERAGE
	OUT	OUT	OUT	IN*				
	VENTED 1"	VENTED 1"	VENTED 1"	CLOSED				
<b>GLASS PAINTING</b> KILN SWITCH PEEPHOLE PLUG LID POSITION	LOW	1	HIGH	For more detailed instructions, see page 11 of your X-Series Instruction and Service Manual under glass painting.				LARGE CONE 022 the lowest cone used in this type firing ON THE SHELF BEHIND THE PEEPHOLE BENDS IN 2 HOURS AVERAGE
	OUT	OUT	IN*					
	LID OFF	LID OFF	LID ON					
<b>LOW-FIRE GREENWARE and GLAZE**</b> BOTH SWITCHES PEEPHOLE PLUGS LID POSITION	LOW	MED (3)	MED (3)	MED (3)	MED (3)	HIGH		Fire low-fire (ceramic greenware one cone hotter than low-fire glaze. LOW-FIRE (CERAMIC) GLAZE CONE NUMBERS BEND IN 2 HOURS AVERAGE
	OUT	OUT	OUT	OUT	OUT	IN*		
	VENTED	VENTED	VENTED	VENTED	VENTED	CLOSED		

\* Do not close lid until all odor of china paint oils or burning lace has gone. Leave peephole plugs out until no vapor can be detected by holding a hand mirror in front of the top peephole.

\*\* Model X-14J will not fire low-fire (ceramic) greenware or glaze, unless an additional heating collar (Model XX-4) is added; and is designed to fire china paints, glass or anything that requires a cone number range of cone 022 through cone 010.

With the addition of Model XX-4, the kiln and collar together will fire to 2000° F. maximum temperature. Do not try firing the X-14J kiln above 1700° F. maximum temperature! An overfire will cause damage to the kiln and your ware, and this is not covered by warranty. Advance both kiln and collar switches to the positions shown in the schedule for low-fire (ceramic) greenware or glaze.

**BEFORE EVERY FIRING**

- Place the proper pyrometric cone for the firing 3" to 4" behind the peephole, and make sure they are clearly visible through the peephole.
- Be sure low-fire glazed ware is properly stilted or dry-footed.

**HOW TO USE YOUR FIRING SCHEDULE**

- Choose the type firing you wish to do in the first column at left.
- Set your firing clock at exactly 12:00 o'clock.
- Turn switch to position shown under START opposite the type firing chosen.
- At the end of one-half hour, change switch to position shown under 1/4 HOUR.
- Follow the schedule through all time steps, making switch changes indicated in the columns corresponding to the time shown on your firing clock. Check the pyrometric cones behind the peephole every 15 minutes after the switch is turned to HIGH. Firing times are not affected any measurable amount by altitude (the number of feet above or below sea level) of kiln's location. But firing time can be doubled or cut in half by voltage variation at all altitudes.

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