

OPERATION

Loading the Kiln

The bottom kiln shelf needs to be supported at least one inch off the kiln floor to allow sufficient air circulation. If the holes are blocked, venting cannot take place. If you are using half shelves, a slight gap left between them will allow better air circulation in the kiln chamber. If you are loading ware near the lid be sure not to place it directly under a vent hole. This may cause discoloration in glazes or thermal shocking.

Be sure to close the lid and plug all of the peep holes. You can open any peephole during the firing to check the bending of witness cones and the progress of your firing. Do not prop the lid or leave any peepholes open during a normal firing. To do so can cause fumes to enter the room and additional room temperature air drawn into the kiln may affect the firing.

Important: Keep the kiln floor clean and the holes unobstructed for the EnviroVent 2 to continue doing its job properly.

Motor Operation

The EnviroVent 2 motor is equipped with an in-line toggle switch in the power cord. This switch must be turned ON in order to ventilate your kiln and collect the fumes.

Leaving the motor in the on position during cooling will reduce the amount of time it takes to cool the kiln to a temperature where you can safely handle your ware. Turning the motor off will not significantly affect the kiln's ability to maintain temperature or perform a slow cooling therefore it is not necessary. If you would like to be able to automatically control when the Envirovent 2 turns on and off, you can install an EnviroLink on KilnMaster and GlassMaster Kilns. See the Accessories section for more details.

Fresh Make-up Air

It is essential to have a source of fresh air to replace the air vented outdoors. The EnviroVent 2 fan moves 140 cubic feet per minute. Unless you know that the room ventilation can handle the total volume of loss, leave a window or door slightly ajar for make-up air. Remember: do not exhaust fumes near a fresh air intake.

Firing times

When the correct holes are drilled in your kiln, firing times should not be much longer than normal. If firing times are significantly longer, see the Troubleshooting section for help.