

## Vent Master®



Complete Venting System Available in both 110 or 240 volt versions. CE/ETL listed.



Optional Expansion Kit allows you to add another kiln at a fraction of the cost of a new vent.



Optional High Temp hose (extender kit) available to increase distance between the blower and kiln.

### VENT MASTER® SPECIFICATIONS

#### 115 Volt Version

Electrical: 115V, 60 Hz.  
1.1 amp household current

Motor: 73 CFM

Shipping Wt.: 10 lbs.

CE Certified / ETL listed

#### 208-240 Volt Version

Electrical: 208-240 Volt, 50/60 Hz  
.5 amp

Motor: 73 CFM

Shipping Wt.: 10 lbs (4.5 kgs)

CE Certified / ETL listed



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# What Studio Potters Need to Know about Venting an Electric Kiln

Answers to your questions about ceramic firings and venting kiln fumes



## Why should I vent My Kiln?

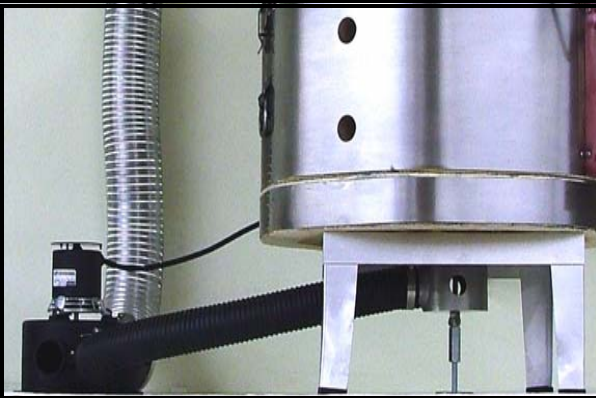
**Fume removal** is the number one benefit of venting. The patented Orton downdraft system collects and contains the fumes so they can be removed from your studio to the outside. Fumes never enter your work area.

For ceramic pieces, venting with the Orton system means that **colors turn out bright** and you can even fire red glazes without disappointment. Fewer firings may be needed because **you can mix different colored pieces** in one load.

The **kiln cools faster** with an Orton vent system. In some cases, the kiln can cool down up to four hours faster. This means you can empty and refill the kiln in less time and complete your firings, especially production runs, more efficiently.

Finally, downdraft venting **extends the life** of the metallic parts **of the kiln** by removing corrosive fumes. This means **longer kiln life, better performance and reduced repair costs**.

Typical floor mounted installation



## What are My Choices to Vent My Kiln?

Two methods can be used to vent a kiln other than propping the lid and opening the window. A hood can be placed over the kiln or an Orton downdraft vent system can be used.

With a hood system, fumes are released into the room before they are collected. The effectiveness of the hood depends on how close it is to the kiln and the volume of air that is removed. Rarely does a hood remove more than 85% of the fumes. Considerable make-up air is also needed to adequately remove fumes using the hood system.

The **Orton downdraft venting method is superior to hoods because it removes all of the fumes and requires considerably less make-up air**. In addition, downdraft venting improves the air flow inside the kiln which results in **brighter glaze colors, more uniform temperatures** within the kiln and **longer kiln life**.

Vent Master by Orton

## What about Installation?

Installation of the Orton Vent Master® is as **easy** as venting a dryer. The collector cup of the downdraft vent connects to the bottom or side of the kiln. The blower housing can be mounted **either on the floor or the wall** next to the kiln. The vent can be exhausted outside using standard aluminum dryer ducting or can be hooked into an existing exhaust system.

## What do I Need to Connect a Second Kiln?

An optional expansion kit is available to allow your Vent Master® to vent a second kiln. The expansion kit includes the collector cup, gasketing, clamps and 3 foot of high temperature flexible hose.

Typical wall mounted installation with 2 kilns

