

VOC DESTRUCT

ENVIROMENTALLY FRIENDLY SOLUTION



VOC DESTRUCT SYSTEM:

Ovens from TTX that use recirculation systems can include the patented VOC Destruct system, which can remove volatile organic compounds (VOC) from the air. VOC's are often produced during electroplating processes and have been connected to negative health consequences that can affect both employees in a shop and the wider community. Air that would be exhausted is pulled into the VOC destruct, which looks like a heater box, and is sucked through a media that will eliminate the fatty acids and VOC's. There is a burner in the box as well that will burn off the excess. This process will reduce the smoke on the oven, reduce condensation, and reduce the exhaust by 25%. It can also reduce the overall BTU's the oven uses as it then puts BTU's back into the oven, which may see an overall savings of a 25% reduction of BTU.

Contact a TTX sales engineer to learn more.



HOW IT WORKS:

Air that would be exhausted is pulled into the VOC destruct (looks like a heater box) and the air is sucked through a media that will eliminate the fatty acids and VOC's. There is a burner in the box as well that will burn off the excess. This process will reduce the smoke on the oven, reduce condensation, and reduce the exhaust by 25%. It can also reduce the overall BTU's the oven uses as it then puts BTU's back into the oven (may see an overall savings of 25% reduction of BTU).



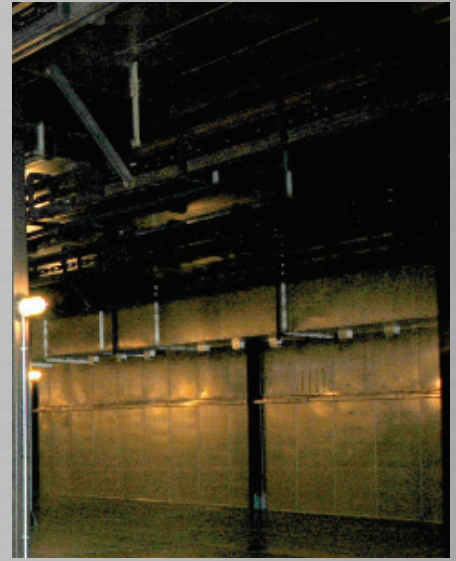
HEATING UNITS:

- Baking and dehydration ovens
- Curing ovens
- E-Coat ovens
- Multi-zoned ovens
- Both direct and indirect heat input
- Special use ovens



Creative thinking allows TTX to develop a system that meets our customers' unique requirements.





PRACTICAL APPLICATIONS:

Most industrial coating processes require some application of heat. TTX heating systems can utilize electric, oil, steam, and gas heat sources and are available in conveyORIZED and batch designs. From pots and pans to automotive bodies, TTX ovens can be designed to handle any product.

COST EFFECTIVENESS:

Therma-Tron-X's ovens are designed for more efficient use of floor space. TTX ovens utilize variable frequency blower drive systems in order to save energy and lower costs. Unique panel designs greatly minimize heat transfer to the skins of the oven exterior, reducing heat loss and energy usage.

YOUR BEST FINISH STARTS WITH US

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