

INTEK Intelligence

Electric Convection Drying Oven

SN 4529

PROJECT: COMBINED BATCH and FLOW-THROUGH OVEN



THE CHALLENGE

This customer wanted a versatile oven design to cure painted fiberglass surfaces and shapes designed for the food service and convenience store industry. Not knowing what they may be creating for one customer to the next they needed maximum accessibility and a forgiving heat source. Double doors at both ends of the oven met the first requirement and the convection heating system addressed the second. For further flexibility the oven is designed to accept additional oven chamber modules if future needs dictate, thereby increasing the oven length to handle even longer production requirements. The oven was shipped as a single piece to reduce the amount of time necessary for assemble during installation and start-up. This unique design allows for both batch and continuous flow-through operation.

PRICE RANGE: \$74,000 - \$96,000 depending on selected controls

SYSTEM DIMENSIONS-INTERNAL: 84" Wide, 90" Height, 240" length

POWER REQUIREMENT:

480V, 3Ph, 60Hz, 100kW, 128Amps

HEAT SOURCE: Electric Convection

RE-CIRCULATING BLOWER: 7500 CFM

EXHAUST: 1200 CFM

PROCESS TEMP: 300°F

PROCESS TIME: Varies with coating and substrate composition and density.

AVAILABLE OPTIONS: Process Timer, interior high temperature light, Double doors at both ends

PROBLEM SOLVED: Able to handle multiple product sizes and shapes from either end, in the same oven.



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