



PRODUCT BULLETIN

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WALK IN OVENS WRC, B, WTC SERIES

For paint baking, drying, preheating, annealing or any other heat processing of large or numerous parts at temperatures to 750°F. Oven size conveniently accommodates materials handling equipment. Choice of either combination or full horizontal air flow in either rear or top mounted heat chamber configurations. Designed and constructed for long, hard, continuous use.



STANDARD FEATURES

*UL LISTED CONTROL PANEL

*Standard walk-in ovens from Grieve meet the requirements of National Fire Protection Association Standard 86, Industrial Risk Insurers, Factory Mutual and OSHA standards. For some applications, such as those involving flammable solvents or hazardous locations, the above organizations require additional safety devices.

*Controls - Digital, microprocessor based, thermocouple actuated, indicating temperature controller

*Modulating burner on gas ovens

*Motor control push buttons and on-off heat switch

*Easy-to-see pilot lights

*Safety Equipment - Electric Oven

*Adjustable, thermocouple actuated, manual reset excess temperature controller

*Separate heating element control contactors

*Recirculating blower air flow safety switch

*Safety Equipment - Gas Oven

*Adjustable, thermocouple actuated, manual reset excess temperature controller

*Electronic flame safeguard protection

*Powered forced exhauster for combustion venting

*Exhauster air flow safety switch

*Recirculating blower air flow safety switch

*Latch-type manual reset main gas valve

*Testing device to test tight closure of main gas valve

*Solenoid blocking valve up to 400,000 BTU/HR heat input; motorized backup valve and vent valve over 400,000 BTU/HR

*Purge timer

*High gas pressure switch

*Low gas pressure switch

- *Construction
- *Choice of air flow patterns
- *Adjustable patented opposed louvers on full coverage supply and return duct work
- *Choice of rear or top heat chamber
- *Available with doors at each end
- *Choice of floor configurations, flat plate, & insulated floor, truck wheel guide tracks
- *Exceptionally heavy duty doors
- *Aluminized steel interior
- *Aluminized steel exterior with enamel finish
- *High temperature door gasket with stainless steel spring insert
- *6 lbs/cf density industrial rockwool insulation
- *Brushed stainless steel control panel face
- *1 year limited warranty
- *Every oven fully assembled and individually factory tested

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• All Models

- 208 volts, 3-phase, 60 Hz or —230 volts, 3-phase, 60 Hz or —460 volts, 3-phase, 60 Hz
- Other electrical characteristics available

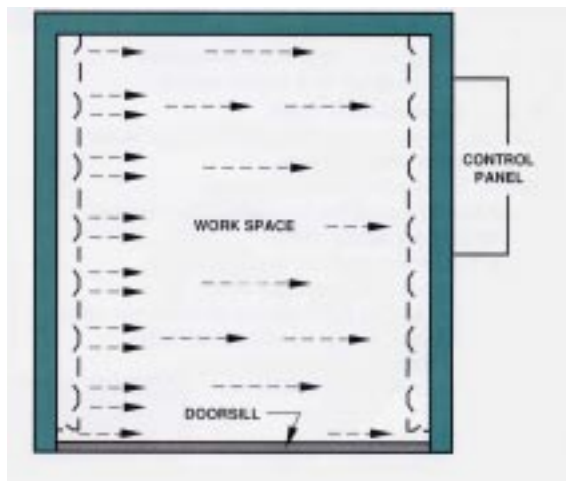
Aluminized steel interior. Carbon steel structural members and steel plate painted with high temperature aluminum paint. Trilite Green enamel painted aluminized steel exterior.

Two air flow patterns available

Combination air flow for random shapes and sizes or for large bulky objects where heated air can move upward, around and through the load. Horizontal air flow for applications where heated air must move sideways to pass through a load such as trays or flat sheets. See circulation diagrams below.

Two oven configurations available

Rear heat chamber for easy handling, low profile equipment. Top mounted heat chamber to minimize factory floor space occupied or to allow installation of doors at each end. Doors on front and rear allow for pass through operation or for loading from both ends.



Horizontal Air Flow

Best suited for drying material on shelves. Heated air is blown horizontally across the work space between full coverage duct work. For shelf truck loading applications with densely loaded shelves, solid bottom trays, or flat sheets where heated air can only pass sideways above and below each level. Also used for heating stacks of plates, separated by spacers, placed on oven floor or loaded on a flat bed truck.