



INDUSTRIAL PROCESS OVENS

GAS-FIRED & ELECTRIC

USES INCLUDE:

- POWDER/PAINT CURING
- COMPOSITE CURING
- MOLD HEATING
- DRYING AND WARMING

 P. (800) 535 – 8196

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 SPRAYTECH.COM

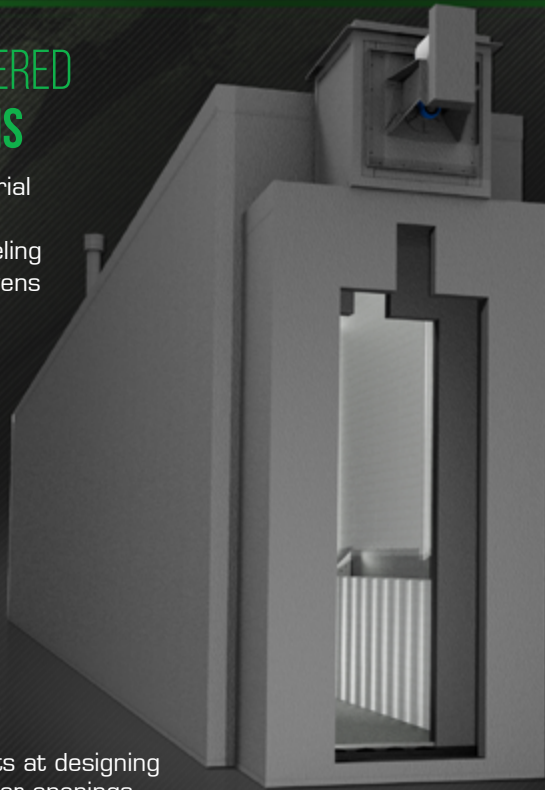
PRECISION ENGINEERED INDUSTRIAL OVENS

Spray-Tech/Junair industrial ovens are built from the ground up using 3D modeling software to ensure the ovens provide the most energy efficient and effective solutions possible.

Ovens come in various standard sizes and can be designed to fit any configuration that will meet any and all of your needs.

NEED TO FIT YOUR OVEN WITHIN A CONVEYOR SYSTEM?

No problem, we're experts at designing ovens with proper conveyor openings.



GAS FIRED OVENS

Spray-Tech/Junair has been in the business of manufacturing industrial gas-fired ovens for over 20 years. That knowledge and expertise has lead many high-profile clients to seek our solutions first.

Each oven is manufactured to incredible detail using 3D software and tested rigorously through both digital and physical stress tests. This allows us to know exactly how your oven will perform and what it takes to keep it performing for the long run.



MADE IN U.S.A.



500° MAX. TEMP



EVEN HEAT DISTRIBUTION

BALANCED AIR DISTRIBUTION SYSTEM

The diagram (Fig. 1) below shows the hot airflow in one of our gas fired ovens. Tempered air is distributed through the send plenums running along the entire length of the chamber returning to the top plenum and past the burner.

Using slat distribution and precision air recovery, Spray-Tech/Junair ovens provide a uniquely balanced heating chamber and a uniform +/- 10 degrees of set temperature throughout.

(As shown in the white square outline in Fig. 2)

Fig. 2

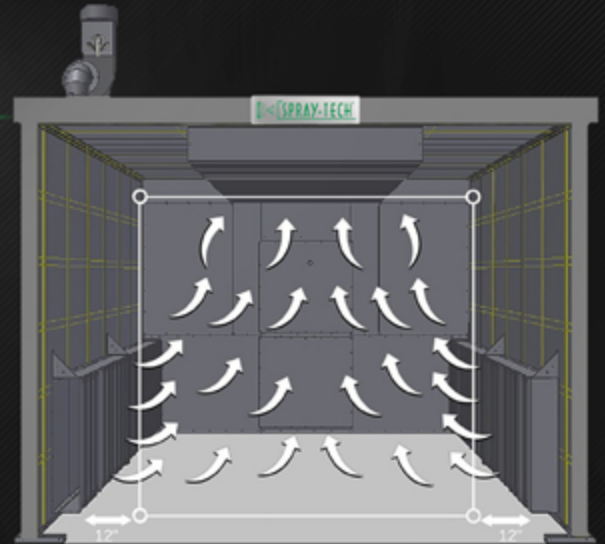
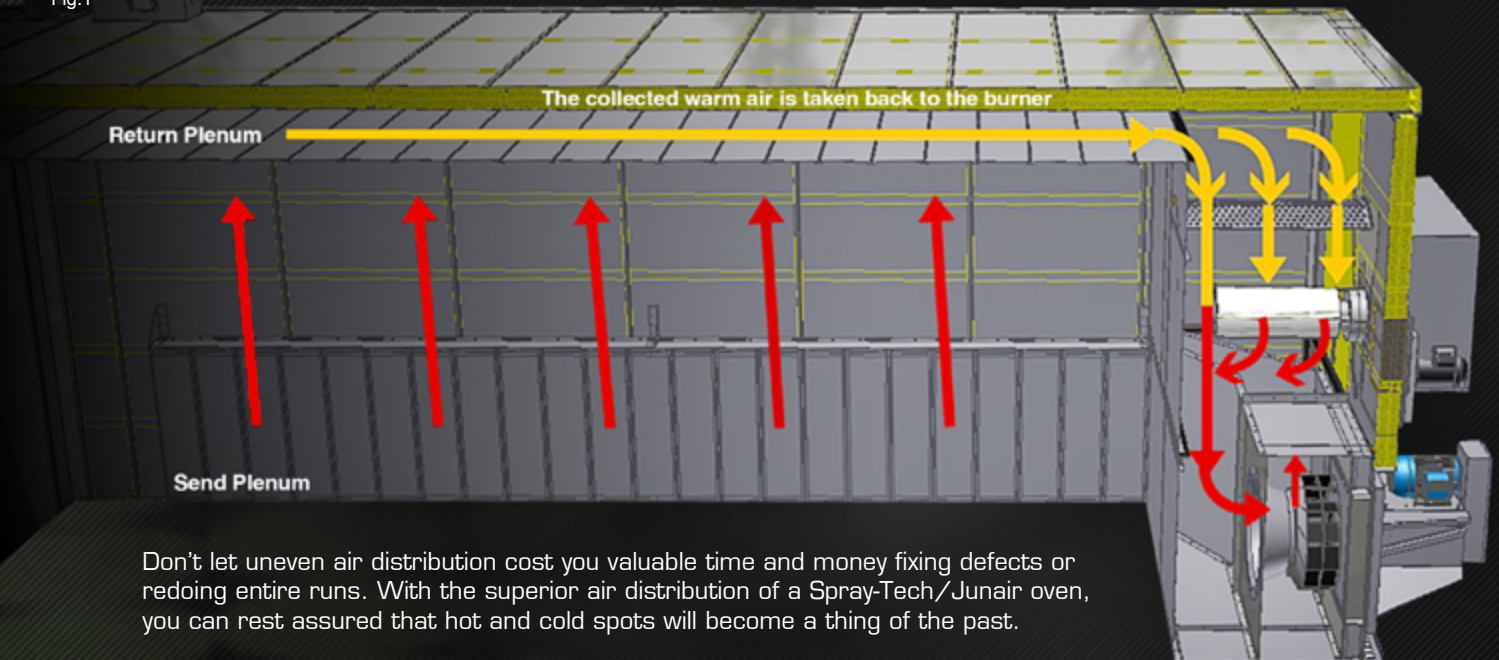
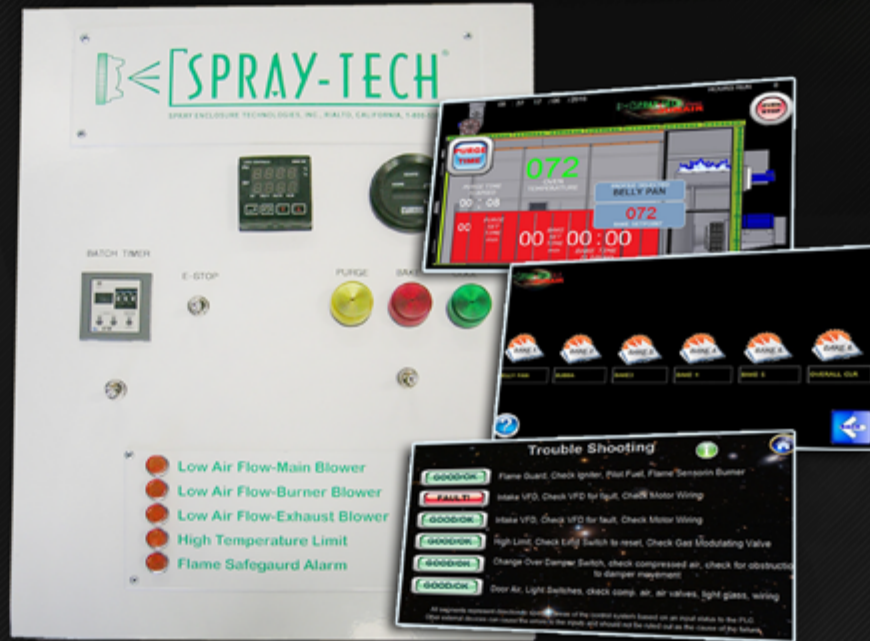


Fig.1



Don't let uneven air distribution cost you valuable time and money fixing defects or redoing entire runs. With the superior air distribution of a Spray-Tech/Junair oven, you can rest assured that hot and cold spots will become a thing of the past.

● Hot Air ● Warm Air



Standard control panel with P.I.D. high temperature limit, hour meter and digital batch timer with alarm.

Screenshots of optional touch-screen control panel shown.

ELECTRIC OVENS

Electric batch ovens are great when you need to meet specific environmental needs or for use in small applications.

Electric ovens can provide remarkable drying and curing speeds for small to medium batches. If your requirements are to bake large batches, a gas-fired oven would provide the best efficiency.



THE SPRAY-TECH/JUNAIR DIFFERENCE

- All Spray-Tech/Junair ovens are built to comply with the requirements of NFPA Standard 86 and OSHA Standards.
- Spray-Tech/Junair produces low-emission, high-quality and energy efficient industrial process ovens which ensure increased productivity and lower overall costs.
- Spray-Tech/Junair's Class A ovens feature a +/- 10° temperature saturation throughout the entire enclosure with a 500°F maximum temperature. This even distribution of temperature provides optimal curing results.
- Oven panels are constructed with two 20 gauge steel panels and a proprietary heat isolation structure to ensure panel rigidity and low heat loss. The exterior panel is made of G-90 galvanized steel for corrosion resistance while the interior steel panel is aluminized helping ensure excellent heat distribution and uniformity. Panels are insulated with 850° rock wool*.

*Powder Coated Exterior Finish Optional

- Spray-Tech/Junair includes air plenums that run the full-length of the oven to ensure maximum uniformity of temperature throughout.
- Spray-Tech/Junair includes built-in batch timers and loud audible alerts with every oven to ensure maximum usability and convenience.
- Standard oven control panels include LED light troubleshooting indicators for reliable operational management and ease of use.
- Our Smart Control system utilizes the latest technology to ensure optimum output & information at a glance.
- All ovens come with adjustable low-friction hinges that need little maintenance thanks to the included high-wear bronze bushings.
- Only top-of-the-line brand name components are used when manufacturing our ovens ensuring a long-lasting, quality product.

OVEN CONTROL PANELS

Spray-Tech/Junair puts all the power, and control, of your oven at the tip of your fingers.

Ovens come standard with NEMA 12 dust tight enclosures that will fit your shop's needs and are designed with ease of use in mind.

Included on our standard control panel is a diagnostic light bar making it simple for you to troubleshoot any issues at a glance, without the need of calling a service technician.

Spray-Tech/Junair offers an optional control panel with touch-screen functionality, eight (8) programmable ramp/soak operations for stepped composite curing, and detailed on-board troubleshooting information.





QUALITY – RELIABILITY & INNOVATION

For more than two decades SprayTech/Junair has manufactured superior finishing equipment, built from quality components to provide years of worry-free operation. Our innovative designs deliver energy and application efficiencies with consistent results.

- Spray-Tech/Junair employs a team of seasoned designers proficient with the latest software and lean manufacturing principles.
- Combined, our engineering staff has well over 100 years of design experience, providing us the ability to maintain continuity in design and allowing us to accurately visualize and test our equipment before it is physically constructed.

Ask our expert engineers to find a practical solution for your process today.



PRODUCING ONLY THE HIGHEST QUALITY FINISHING EQUIPMENT SINCE 1994

Est. 1994 and based in Rialto, CA, Spray-Tech/Junair is an American brand whose products have achieved international reach & relevance.

Spray-Tech/Junair produces some of the world's most efficient industrial finishing products that deliver exceptional results while leading the industry in eco-friendly design. Spray-Tech/Junair is dedicated to doing business without damaging the environment; that's why we utilize solar-panel technology to run our manufacturing facility.

REQUEST A QUOTE :

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 SALES@SPRAYTECH.COM

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