Two Zone Continuous Lab Oven

The Lanly Company has specialized in the engineering and manufacturing of recirculating convection dryers for over 65 years. The Continuous Oven was designed for drying a variety of products.

- Corrosion resistant, aluminized steel interior and stainless steel exterior construction with painted corners
- High volume air circulation for superior temperature uniformity
- Gas burners with high turndown capability for product bake and dry flexibility.
- Controls include variable frequency drives for circulation, exhaust fans and conveyor
FEATURES

- A 25 ft. baking section with 2 zones of forced convection air
- Lanly insulated, interlocking panel construction. Aluminized steel with stainless steel panels and painted exterior surfaces.
- An operator interface touch screen with RS View 32.
- All ductwork is four-sided aluminized steel using radius inlet ports to provide a uniformly distributed blanket of air the full length of the dryer.
- Access doors along both sides for inspection and ease of cleaning (doors approximately 1'-10" wide x 5'-8" high)
- Gas manifold built to GE GAP (IRI) standards
- Manual dampers in bake oven to control air volume in upper and lower bake section supply ducts.
- Full opening, gasketed access doors provide complete access along both sides of the oven for “walk-in” inspection and cleaning.
- A two (2) door NEMA 12 control panel
- Modulating fresh air and exhaust dampers

DESIGN SPECIFICATIONS

- Conveyor speed – Variable, 1.2 to 12 FPM
- Conveyor – 36" diameter wide Hi carbon steel mesh belt
- Approximate system dimensions– 25 ft long x 9.5 ft wide x 10.5 ft high
- Heat input rating – 2,000,000 BTU’s
- Recirculation fan – 14,000 CFM max. (variable speed)
- Exhaust fan – 1,870 CFM max. (variable speed)
- Operating temperature – 600° F
- Humidity variation – If required
- Air Pressure– 80 PSI
- Heating medium – Natural gas, Propane or both, Electric, Fuel Oil
- Voltage – 480 Volts, 3 Phase, 60 Hertz

* Other standard Snack Food Systems available
* Single Pass and Three-Pass Systems

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