

# Internal Bake Oven

## Technical Bulletin



## Internal Bake Oven

### Standard Features on the Internal Bake Oven (IBO)

- Synthetic conveyor belt reduces heat load, promotes can stability, and eliminates metal fines
- Automated conveyor belt tracking system guides belt smoothly
- Proprietary supply nozzle design achieves uniform vertical airflow
- Removable supply nozzles increase maintenance access to oven interior
- Recirculation and exhaust dampers for uniform airflow
- Access doors along the length of the chamber for complete access to oven interior

# Internal Bake Oven



Specification	Multiple Zone Internal Bake Oven
Production Rate	Up to 6,000 CPM
Belt Width	Up to 10 Feet
Material Handling	Conveyor belts in synthetic or stainless steel flat wire
Slide Bed	Mild steel or stainless steel perforated slide bed (synthetic) or stainless steel herringbone (flat wire)
Recirculation	Plug style fans
Exhaust	General purpose fans
Power Source	220-690 volts, 3 phase, 50-60 Hz
Heating Equipment	Natural Gas - Maxon OVENPAK® Burner
Turn-down Ratio	30 to 1
Heat Source	Natural Gas: 1,000 SCFH @ 1-5 PSI/1,000 BTU/CU FT Propane Gas: 400 SCFH @ 1-5 PSI/2,500 BTU/CU FT
Pack Density	85%
Construction Specifications	Heavy gauge aluminized steel Panel or can type construction Sealed interior Personnel access to the interior of the oven, fan, and burner chamber High density energy-saving insulation Designed to meet NFPA and CE requirements
Oven Access Door	One (1) access door will be provided in each heater box and personnel access doors in the oven body

## Optional Features on the Internal Bake Oven

- Single Point Height Adjustment feature or manually adjusted supply duct configuration available to accommodate various heights of cans
- Sleep Mode Program available to minimize energy consumption
- Cooling Chamber

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