Kresco



POWDER COATING BOOTH

Kept clean by best-in-class self-cleaning filtering cartridges and enlightened by industry leading LED lighting system.

Kresco specializes in industrial powder coat booth systems available in custom sizes and providing the ideal dust-free environment for high-quality powder coating applications. Our powder coat booth solutions include direct-fire drying ovens and overhead conveyors for integrated cell manufacturing.

Powder Recovery Booths

Ideal for small-to-medium-sized batch powder applications, Powder Recovery Booths from Kresco provide a bright, efficient finishing environment for powder coating operations. An integrated Powder Collection Module features high-efficiency cartridge filters for capturing powder overspray, and a load-triggered filter pulsing system, which cleans filters for a longer life span.

Booth Features

- 18-gauge galvanized steel panels
- Smooth interior for easy maintenance
- Powder Collection Module(s) with:
  - High-efficiency, MERV 12-rated cartridge filters
  - MERV 13-rated redundant filters
- High-performance, direct-drive plug fan with TEFC motor
- Rear or top exhaust orientation
- LED Light fixtures
- Designed to comply with all federal, NFPA and OSHA





Powder Non-Recovery Booths

Powder Non-Recovery Booths from **Kresco** are cost-effective finishing environments for small batch powder applications. Featuring a primary and redundant filtration system, **Kresco** Powder Non-Recovery Booths capture high volumes of powder overspray. The open-front design saves floor space and allows for easy transportation in and out of the booth.

Booth Features

- 18-gauge galvanized steel panels
- Smooth interior for easy maintenance
- Primary filtration system with full set of filters, grids and manometer for filter maintenance
- MERV 14-rated redundant filters
- High-performance, direct-drive plug fan with TEFC motor
- LED Light fixtures
- Designed to comply with all federal, NFPA and OSHA regulations





Powder Collection Booth

With high-efficiency filtration, fan and motor, the **Kresco** Powder Collection Module delivers superior performance for your powder coating application. The space-saving design features cartridge filters staggered in two rows, reducing the overall width of the module. With models available in four cfm ranges and two exhaust orientations, the complete line of Powder Collection Modules accommodates various production levels and shop space restrictions. Modules can be sold separately or integrated into a **Kresco** Powder Recovery Booth.

Booth Features

- Open access under primary filters
- Automatic, continuous self-clean filters
- 2 Stage MERV 14 filtration
- High efficiency fans for quiet operation
- Powder coated upper plenums
- Fits flat to building wall
- Filter monitoring gauges
- Optional Fluidized collection hoppers
- Shipped pre-assembled and factory tested
- Standard widths: 6 ft. 9 ft. and 12 ft.
- Working enclosures – Galvanized or S.S.



Optional Components

- Powder Collection Hopper/Ramp
- Cartridge Baffle
- Floor deflector plate
- Class I Div II Light Fixtures
- Custom Enclosures
- Variable Frequency Drive

Technical Specifications

Model --->	6000	8000	10000	12000
Dim's W x H x D (ft)	6 x 10.75 x 3	9 x 10.75 x 3	10 x 10.75 x 3	12 x 10.75 x 3
Airflow (cfm)	6,000	8,000	10,000	12,000
Primary Filters Lght (Qty.)	48" (4)	48" (6)	48" (8)	
Final Filters Dim's (in.) (Qty)	21 x 36 x 6 (2)	24 x 36 x 12 (3)	24 x 36 x 12 (4)	
Motor				
Power (hp)	5	10		15
Rotation/min. (rpm)	1,750			
208 V / 60 Hz (A)	14.9	30.3		41
230 V / 60 Hz (A)	13	26.3		35.6
460 V / 60 Hz (A)	6.5	13.2		17.8
575 V / 60 Hz (A)	5.2	11.4		14.5
Controls (1 Ph.)	110 / 60 / 10			

Optional Features

- Pre-coated white panels
- Additional sidewall or ceiling light fixtures
- HEPA filters
  - Electromechanical control panel
  - Fluidized bed or collection drawers



PRIMARY FILTERS
Roll Filter | Panel Filter

REDUNDANT FILTERS
MERV 14 rated

Cartridge Filters



Kresco cartridge-type dust collectors use pleated cartridge filter media made of cellulose and polyester blend.

Cartridge media provides exceptional fi ltration capacity, thanks to their unique pleat lock design that consists of a special folding process where a lock is pleated into the media allowing the entire fi lter surface to be available.

Specifications

Specifications	Values
Dimensions	Length: 36″ Outside Diameter: 12.75″ Inside Diameter: 8.375″
Filter Area	318 sq.ft. of media
Pleat Count	318 pleats
Maximum Working Temperature	82 °C (180 °F)
Filtration Efficiency*	99.9% of particles down to 0.5 µm
MERV (Minimum Efficiency Reporting Value)	MERV 14
Air Permeability	15 cfm/sq.ft. @ 0.5″ H2O
Media Type	85/15 Media Cellulose Polyester Blend
Top/Bottom Cap and Inner Core	Electro Galvanized
Outer Core	Two Polyester Bands

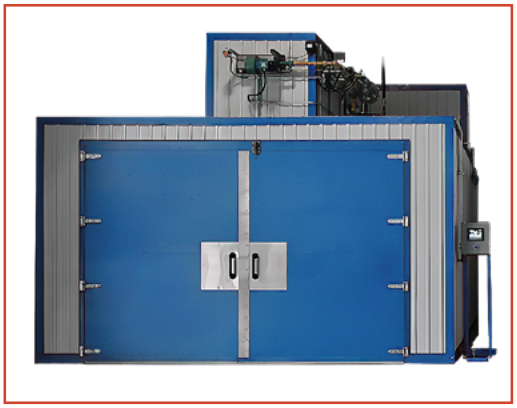
**Filtration efficiency is provided for ''seasoned cartridges'' (when a dust layer is formed on its surface to achieve optimal filtration efficiency). Performance may vary according to the application.*

Industrial Ovens

Industrial ovens are heated chambers used in production processes to enhance product quality, strength, hardness, and longevity. They are available in a range of sizes, configurations, and temperatures ranging from 250 °C (676 °C) to 538 °C (1000 °C).

Common applications for an industrial oven include annealing, curing, drying, baking, aging, and heat-treating parts and products. In addition, industrial ovens activate adhesives, meld materials, shrink, preheat, melt, laminate, and bond materials thermally.

Kresco is a leading industrial oven manufacturer with a wide range of industrial ovens and furnaces designed to accommodate a variety of load sizes and production volumes. Kresco is known for tighter temperature tolerances, higher yields and consistent, repeatable results. Our industrial ovens deliver invariable, uniform temperature
for as long as the oven is in service thanks to its solid build quality and design.





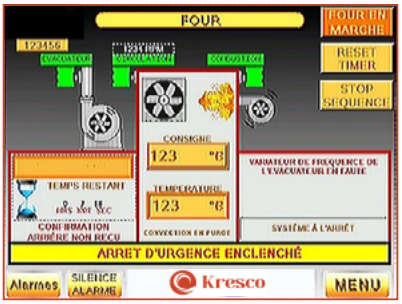
Industrial Walk-In Ovens And Truck-In Ovens

Suitable for loading manually or by forklift, these batch ovens are ideal for a broad range of applications including aging, bonding, curing, drying, baking, heat treating, annealing, and stress-relieving. They feature industrial ruggedness, excellent process control, and dependable operation. Our standard line of truck-in ovens have chamber capacities ranging from 52 to 952 ft3 and temperatures from 343 °C to 538 °C.

Industrial Conveyor Ovens For Continuous Processing

For thermal processing applications where load size or production volumes vary substantially, batch processing is the optimal solution. Our batch oven line includes forced convection ovens, pass-through ovens, inert atmosphere ovens, HEPA filtered ISO Class 5 clean room ovens and Class A ovens.

For high-volume, repeatable thermal processing, continuous operation may be the optimal approach. Kresco continuous ovens offer conveyor widths from 17¾'' to 36'' with electric or gas heat.



HMI INTERFACE

About Kresco

Kresco designs, manufactures, and supports industrial equipment for the surface treatment industries. **Kresco** has standard equipment designed for most applications and can customize equipment to meet or exceed your production expectations.

Sandblasting

- Sandblast Booths
- Sandblast Cabinets
- Automated Sandblasting Systems
- Abrasive Reclaiming Systems
- Pressurized Sandblasters
- Dust Collectors

Shotblasting

- Roller Conveyor Blaster
- Rotary Table Blaster/Swing Table Blaster
- Spinner Hanger (Batch)
- Continuous Flow with Monorail
- Rubber and Steel Flight Tumbler Blasters
- Flow Thru Barrel Blasters
- Mesh Belt Continuous Blasters
- Monorail System Blasters
- Rim Blasters
- Preservation Line

Painting

- Paint Spray Booths
- Powder Coating Booths
- Drying Ovens
- Air Make-Up Units

Solvent Recovery

- Batch Solvent Distillers
- Continuous Flow Solvent Distillers
- Oil Cooling Systems

Parts & Consumables

- Blast Nozzles
- Blast Hoses
- Abrasive Media
- Air Valves
- Abrasive Metering Valves
- Cartridge Filters
- Sludge Bags
- Safety Equipment & PPE

Services

- Turnkey Project Design
- Custom Design
- Full Installation
- Start-up Supervision
- Training
- Maintenance
- Retrofit & Upgrade

All systems are designed to build and they are manufactured with the highest quality standards in our manufacturing shop in Quebec, Canada.



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