

# CURTAIN-AIR IONIZERS

Providing a wide field of concentrated ions to solve your costly static problems

**Designed and precision engineered to meet your exact needs**

TAKK Curtain-Air Ionizers are quality engineered to eliminate static electricity problems in the widest possible variety of industrial applications, including converting, packaging, textile, plastic, printing, painting and electronic assembly operations.

Available in six portable models, each ionizer unit establishes an extra wide and deep field or "curtain" of highly concentrated ions, completely eliminating troublesome positive and negative static electricity from processing equipment and product surfaces.

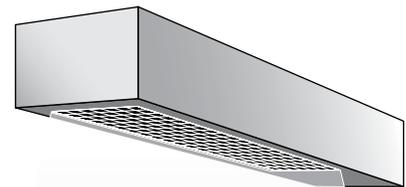
Curtain-Air units, depending on models and sizes, distribute a uniform static eliminating air stream from 14" wide (Model CA-20) to 64" wide (Model CA-70) with an effective neutralizing range of 8 feet from the target area. The six model sizes, from 20" to 70" lengths, enable you to select a unit exactly suited to your needs. Units can be combined for greater length requirements.

Our units, ready to plug into AC power source, are compact and self-contained, including power supply and controls. The fan has variable speed controls, on-off switch and pilot light. All units are easy to install on wall, floor, work bench, machine frame or suspended from ceiling. Simple to operate and maintain.



Model CA-20

**SIX MODELS WITH HIGH CONCENTRATION ION FIELDS FROM 14" TO 64" WIDE**



### **Maximum Width and Depth of Static Elimination**

Our ionized curtain envelopes webs, rolls, conveyors, product processing equipment, work areas, etc. in a wide and deep, super effective, fan-driven ion air stream.

**REDUCES REJECTS, WASTE & DOWNTIME  
INCREASE PRODUCTION & PROFITS  
ENHANCE PRODUCT QUALITY  
IMPROVE EMPLOYEE SAFETY**

Visit us at [www.takk.com](http://www.takk.com)

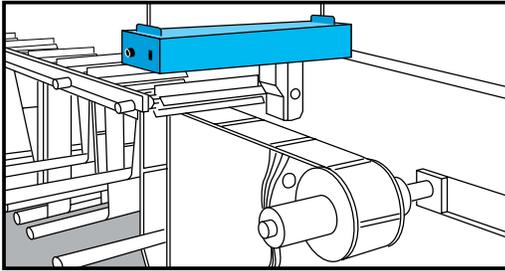


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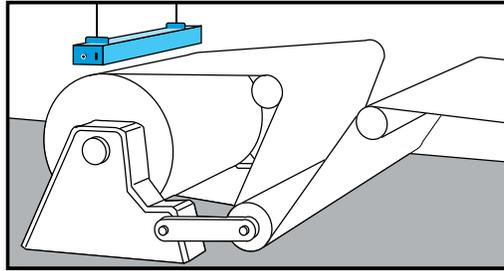
# Solving a magnitude of static electric problems

## Printing



A Curtain-Air unit, mounted over printing press feeder and delivery piles and rolls, removes static electricity to improve registration and correct misfeeds. Quality and production are also greatly improved in sheeting, folding, collating and printing on all types of presses and other equipment. Dust particles are eliminated in photographic darkrooms, in stripping, scanning and other pre-press operations to guarantee increased printing quality.

## Converting

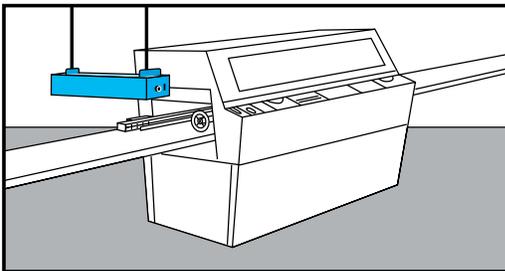


The versatile Curtain-Air provides an even distribution of ionized air over slitting, sheeting, unwinding, rewinding, laminating and coating operations. This eliminates the static electricity which causes the frequent incidence of personal shock and also static problems which cause jamming, clinging, and sticking of materials being processed. This is a common occurrence with the types of papers and films used in converting and packaging.

**When static electricity is eliminated from production equipment:**

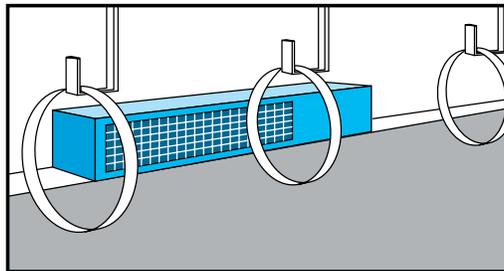
- Machines can be operated at higher speeds with fewer malfunctions
- Materials can be processed more effectively with fewer rejects and less waste
- Soiling and contamination of products by dust particles are prevented
- Machine operators are protected from discomforting shocks or more serious injury
- Quality of product is significantly improved

## Electronic Assembly



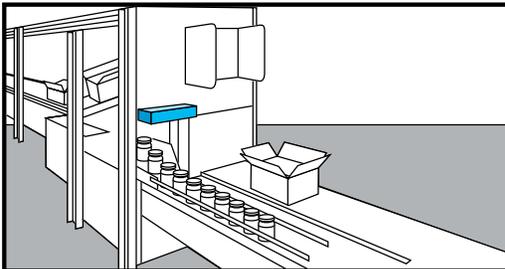
TAKK ionizers are used extensively in high-tech "clean rooms" and have proven unusually effective in eliminating static electricity during wave soldering and other electronic assembly operations. A Curtain-Air mounted above the work area prevents damage to sensitive components caused by electrostatic charges.

## Finishing



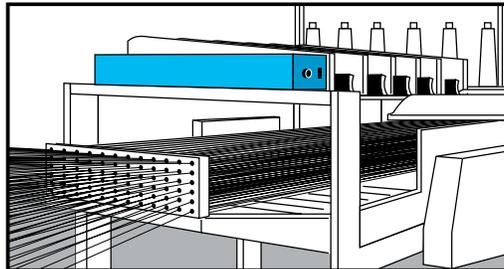
TAKK Curtain-Air removes static electricity prior to spraying and coating operations to prevent dust attraction to metal and plastic parts both before and after painting. Static is also removed during buffing and polishing operations. This guarantees a smooth, uniform finish and virtually eliminates rejects.

## Plastics



Dirt and dust contaminations, as well as flow problems are eliminated during plastics extruding, forming and molding operations. This enables machines to operate more efficiently increasing production and profits.

## Textiles



Strategically located Curtain-Air units eliminate static electricity to speed production during carding, slashing, warping, weaving, winding and other operations.



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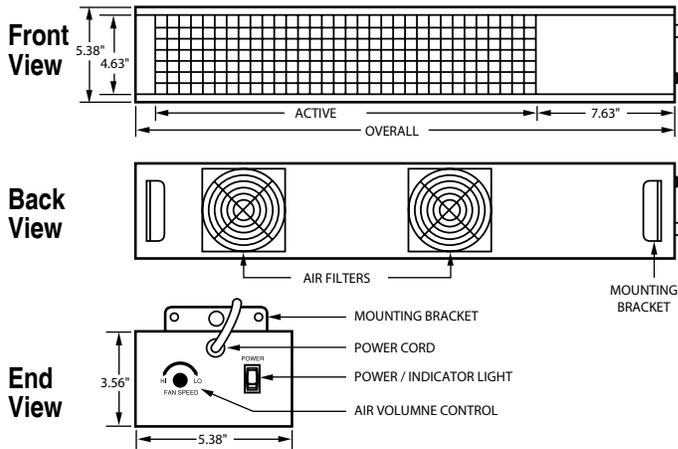
# Curtain-Air Ionizer Specifications

Model	CFM Max Variable	No. of Fans	Velocity (F.P.M.) <sup>2</sup>	D.A. Dimensions (Inches) L x W x H	Weight (lbs.)	Voltage (50/60HZ)	Amps <sup>1</sup> 0.2	Sound Level (db.) <sup>2</sup>	Ion Field <sup>3</sup>		
									Length	Depth	Width
CA-20	105	1	360	20 x 5.38 x 3.56	12.5	120	0.2	64	14"	96"	12"
CA-30	210	2	360	30 x 5.38 x 3.56	14.5	120	0.4	65	24"	96"	12"
CA-40	315	3	360	40 x 5.38 x 3.56	16.5	120	0.6	66	34"	96"	12"
CA-50	420	4	360	50 x 5.38 x 3.56	18.5	120	0.8	67	44"	96"	12"
CA-60	524	5	360	60 x 5.38 x 3.56	20.5	120	1.0	68	54"	96"	12"
CA-70	630	6	360	70 x 5.38 x 3.56	22.5	120	1.2	70	64"	96"	12"

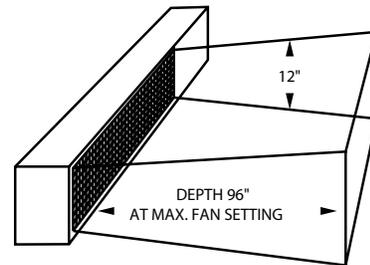
<sup>1</sup> Current at maximum C.F.M.

<sup>2</sup> Measurement at 24" from face of unit

<sup>3</sup> Approx. dimensions at max C.F.M.



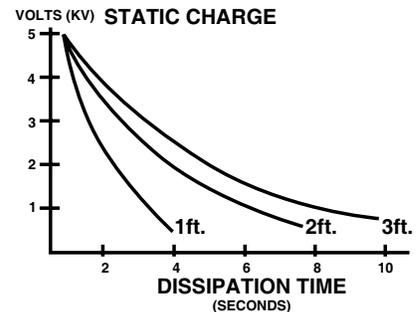
## Ionization Field Dimensions



## Performance Characteristics

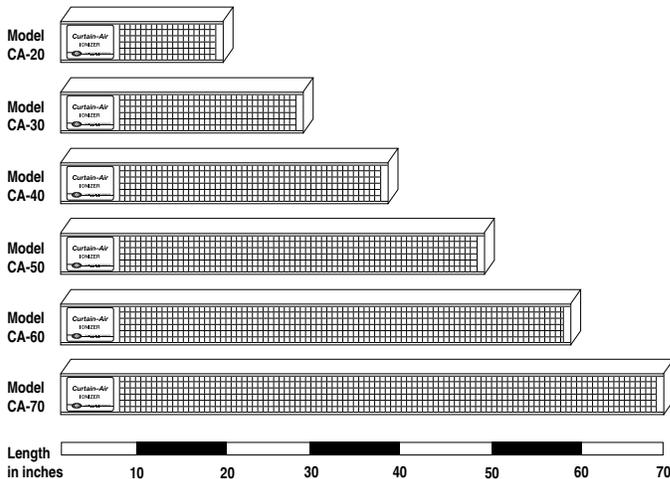
Graph shows approximate discharge times for the TAKK Curtain-Air to discharge a 5000 volt charge. Discharge times are proportionate to distance from unit to surface to be discharged. Distances shown are 1, 2 and 3 feet from the unit.

Ozone production is low, well below OSHA maximum level of 0.1 PPM



## Choose From Six Models

Use singularly or in combination



## Optional Accessories

- 30 PPI Filter Pad
- 45 PPI Filter Pad
- Universal Mounting Fixtures

**CONTACT US FOR TECHNICAL ASSISTANCE—  
SEND A FAX OR EMAIL OUTLINING YOUR STATIC PROBLEM**



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