

# Curtain-Air Ionizer

## Extra Wide and Deep Field of Concentrated Ions to Eliminate Static

### APPLICATIONS

- Converting – slitting, sheeting, winding
- Plastics – extruding, forming, molding
- Finishing – painting, buffing, polishing

*Effective neutralizing range of 8 feet from the target area*



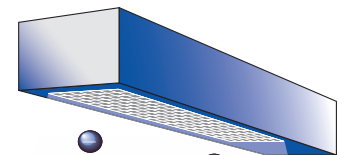
*Compact, self-contained unit contains power supply and controls*

### BENEFITS

- Increase production speeds
- Increase profits
- Reduce rejects
- Reduce downtime
- Enhance product quality
- Enhance operator safety

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.

- 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
- Distributes a uniform static eliminating air stream from 14" to 64" wide with an effective neutralizing range of 8 feet from the target area
- Five model sizes from 20" to 70" lengths—select a unit exactly suited to your needs
- Units can be combined for greater length requirements
- Compact, self-contained, including power supply and controls; Ready to plug into AC power source
- Fan has variable speed controls, on-off switch and pilot light
- Easy to install on wall, floor, work bench, machine frame or suspended from ceiling
- Simple to operate and maintain



#### 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.



# Specifications

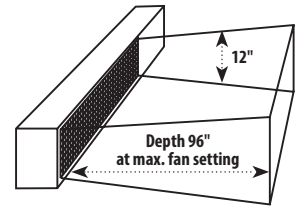
**CHOOSE FROM FIVE MODELS:** Use singularly or in combination

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-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"

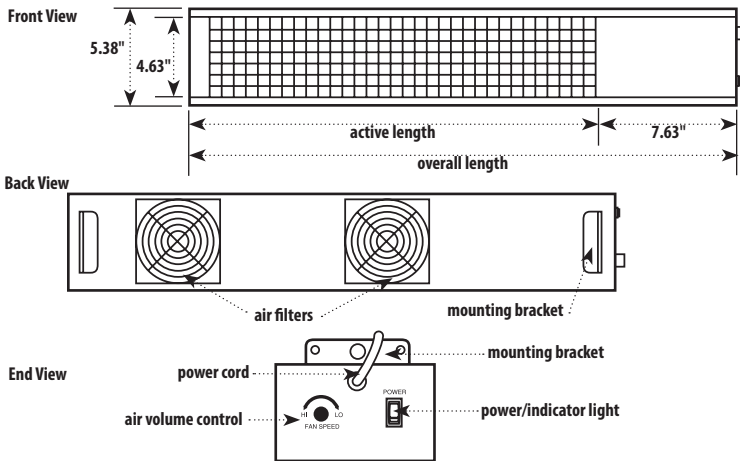
<sup>1</sup> Current at maximum C.F.M.

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

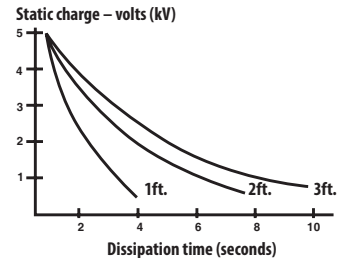
<sup>3</sup> Approx. dimensions at max C.F.M.



Ionization Field Dimensions



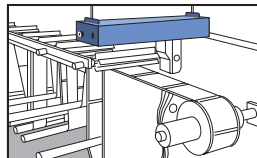
**PERFORMANCE:** Graph shows approximate times for the Curtain-Air to discharge a 5000 volt charge. Discharge times are proportionate to the distance from unit to surface being discharged. Distances shown are 1, 2 and 3 feet from the unit. Ozone production is low, well below OSHA maximum level of 0.1 PPM



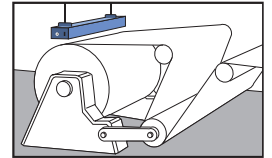
**OPTIONAL ACCESSORIES:**  
30 PPI Filter Pad • Universal Mounting Fixtures

# Applications

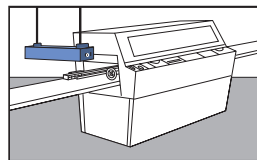
**PRINTING:** Mount over feeder/delivery piles and rolls to remove static, improve registration and correct misfeeds. Improve quality/speed in sheeting, folding, collating, etc. Eliminate dust in darkrooms, stripping, scanning, pre-press.



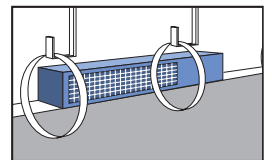
**CONVERTING:** Distributes ionized air over slitting, sheeting, unwinding, rewinding, laminating and coating operations to eliminate the static which causes jamming, clinging, and sticking of materials being processed.



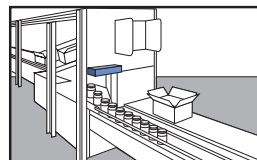
**ELECTRONIC ASSEMBLY:** Use in high-tech clean rooms to eliminate static during wave soldering and other operations. Mount above the work area to prevent damage to sensitive components caused by static charges.



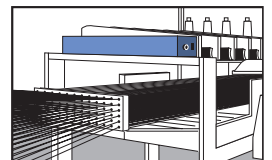
**FINISHING:** Removes static prior to spraying/coating operations to prevent dust attraction to metal and plastic parts before and after painting. Use during buffing/polishing operations for a smooth, uniform finish.



**PLASTICS:** Eliminate dirt/dust contaminations and flow problems during plastics extruding, forming and molding operations to enable machines to operate more efficiently and increase production and profits.



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



EXPERT TECHNICAL ASSISTANCE • 2 YEAR LIMITED WARRANTY

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