

# Ion-Edge Model 400T & 400T Air Bar

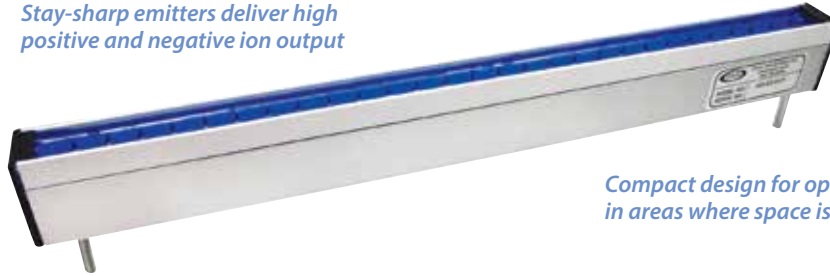
## Compact, Effective and Economic Static Elimination

### APPLICATIONS

- Packaging
- Printing
- Converting
- Extruding
- Material Handling

*Stay-sharp emitters deliver high positive and negative ion output*

Model 400T



*Compact design for operation in areas where space is limited*

Model 400T Air Bar



*Compressed air tube extends effective static elimination range up to 8 feet*

TAKK's Model 400T high performance bar utilizes advanced electro-static technology to eliminate costly static electricity problems. The Ion-Edge effectively eliminates positive and negative static charges that interfere with production speeds and product quality, while decreasing rejects and downtime.

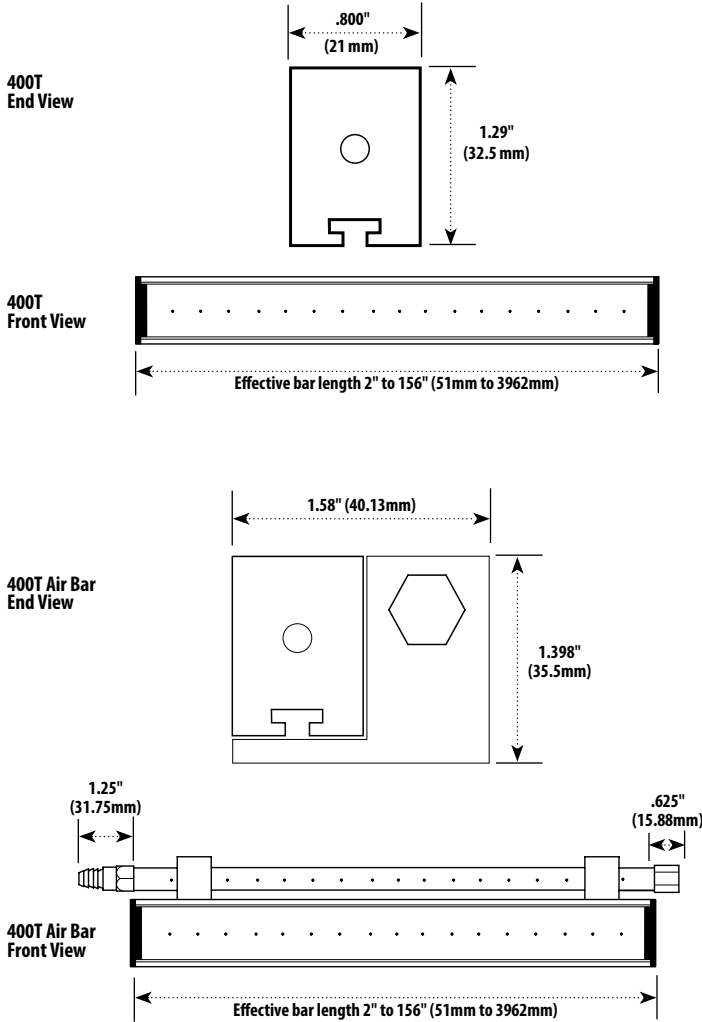
### BENEFITS

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

- Delivers high positive and negative ion output with an effective static elimination range of up to 7 inches
- Compact design allows for operation in areas where space is limited
- Durable bar constructed of industrial grade extruded plastic with aluminum overlay
- Stay-sharp emitters—no deterioration in performance due to emitter erosion; Epoxy potted emitters at  $\frac{3}{8}$ " pitch for intense field of ionization, allowing the bar to be operated at lower voltage with increased safety and reliability
- Resistively coupled shockless emitters for maximum performance, neutralizing at high speeds and high charges
- Integrated mounting connections; In-line attached cable
- Economical to operate; Easy to install and maintain; Long life
- Utilizes TAKK's high quality power supply, which can run two bars for multiple bar or multiple machine installations
- Compressed air tube extends the effective static elimination range up to 8 feet; also allows for part and surface blow-off, eliminating dirt and dust contamination



# Specifications



**LENGTHS:** Available 2" (51mm) to 156" (3962mm), in one inch increments\*.

\*When ordering the needed length of the Model 400T Static Eliminator, specify the "Bar Length". This usually is the same as the width of the web, conveyor, or parts that need to be static neutralized. Note: bar length = effective (static neutralizing) length of the bar.

**WEIGHT:** 0.57 lbs. (.26 kg) per 12" (305mm) of length.

**CONSTRUCTION:** Rigid PVC and aluminum body. All critical parts are fully encased for long life. Washable and usable for food applications.

**BAR CABLE:** 6.5 ft. (2 meters) cable is supplied. Optional cable lengths available from 1 ft. (.30 meters) to 25 ft. (7.62 meters).

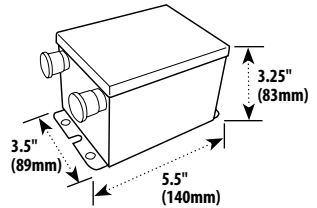
**MAX. TEMPERATURE:** 60° C (140° F)

**SAFETY:** Shockless

**MOUNTING:** Adjustable studs in T-slot. Mounting straps provided for each bar.

**POWER SUPPLY:** Two outputs for two bar operation. Power cord length is 8 ft.

3.25" (H) x 3.5" (W) x 5.5" (L)  
83mm (H) x 89mm (W) x 140mm (L)



**Part #2000S** – 6000 V, 120 V, 50/60 Hz., input current 0.25 amps  
**Part #2002S** – 6000 V, 220 V, 50/60 Hz., input current 0.12 amps  
Short Circuit Current: 5 milliamps max.

Max Operating Temperature: 185° C (365° F)

Weight: 5.5 lbs (2.49 kg) approx.

# Applications

**CONVERTING:** Evenly distributes effective ionization.

- sheeting
- coating
- unwinding
- paper and film
- slitting
- bag making
- rewinding
- electronic assembly
- laminating
- die cutting
- clean room

**PLASTICS:** Eliminates dust/dirt contamination and flow problems.

- plastic extrusion
- bag wicketing
- web handling
- forming and molding

**PACKAGING:** Eliminates tough static problems.

- over wrapping
- shrink wrapping
- form, fill and seal
- labeling operation
- palletizing
- stocking

**PRINTING:** Saves production time and rejects/waste.

- labeling
- collating
- sheet-fed
- binding
- wide format
- folding

**TEXTILES & NON-WOVENS:** Speeds production.

- accumulators
- bonding
- slashing
- creels
- folding
- warping
- weaving
- carding
- winding

EXPERT TECHNICAL ASSISTANCE • 2 YEAR LIMITED WARRANTY

**TAKK INDUSTRIES INCORPORATED**

5838 State Route 128 Suite A Cleves, OH 45002 USA | www.takk.com | Phone: (800) 792-8255 or (513) 353-4306 | Fax: (513) 353-4315 | sales@takk.com