

# ***Curtain Transvectors***

## ***Lame d'Aria ad Aria Compressa***

**Air Knives Deliver Flat Sheet of  
Amplified Air**

**Curtain Transvector Air Knives  
efficiently blowoff wide surfaces of  
debris as well as provide high speed  
drying for a broad range of industrial  
applications.**



### **Applications**

Since Curtain Transvectors are air amplifiers, they use a small amount of compressed air to deliver a powerful, high velocity, laminar sheet of air over wide areas, moving webs, sheets, film, strips, auto bodies and other large assemblies and objects. Our patented design produces increased thrust and velocity, reduced noise, excellent uniformity and significantly outperforms any competing, wide blowoff device.

Stainless steel models are ideal for food, pharmaceutical, chemical and other applications where purity, high temperature or corrosive environments are concerned.

Curtain Transvectors, as well as the Ionizing versions, have numerous and diverse processing, finishing, fabrication, assembly, and other industrial uses for cooling, drying, cleaning or static removal on wide surfaces.

### **Features and Benefits**

- Fraction of the cost of fans and blowers
- No guards or rotating machinery
- Instant on/off
- Provides uniform blowoff for wide or long surfaces
- Increases airflow with reduced consumption
- Range of lengths available
- Compact and easily mounted
- No moving parts - Maintenance free
- Aluminium or stainless steel models
- Ionizing option eliminates static
- Quiet - Meets OSHA noise specifications
- Output air is easily regulated

### **Uses**

- Printing and labeling
- Converting and packaging
- Films and laminating
- Form and fill
- Sheet and web materials
- Conveying or hold down
- Food processing
- Paint preparation and drying

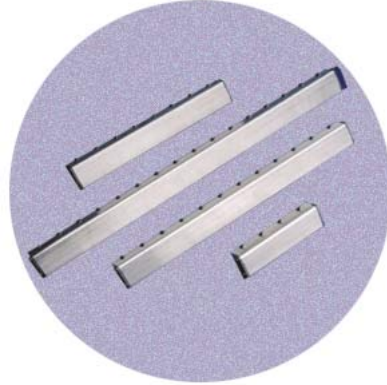
## Air Knife (aluminum body)

Curtain Transvectors use a small amount of filtered compressed air to produce a powerful, high velocity, uniform air flow.

### 921-3: Curtain Transvector (76 mm)

Length: 3 " (76 mm.)

Inlet BSP(F): 1/4 " (6.4 mm.)



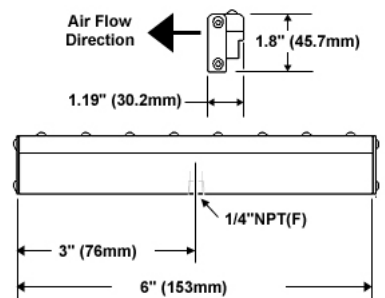
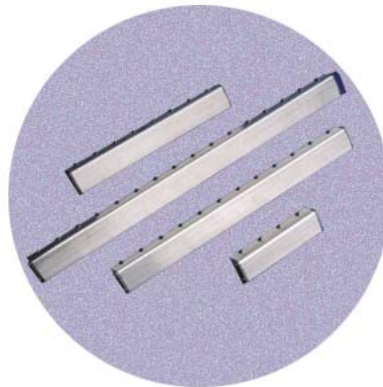
### 921-6: Curtain Transvector (152 mm)

Length: 6 " (152 mm.)

Test pressure: 100 psig (6.9 bars)

Airflow: 32 scfm (910 l/min)

Inlet BSP(F): 1/4 " (6.4 mm.)



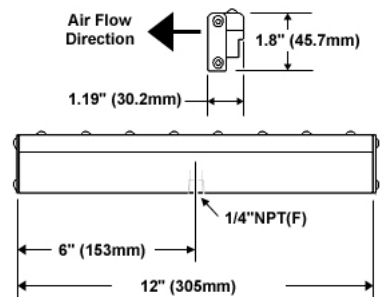
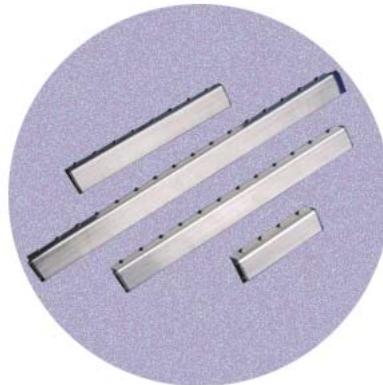
### 921-12: Curtain Transvector (305 mm)

Length: 12 " (305 mm.)

Test pressure: 100 psig (6.9 bars)

Airflow: 64 scfm (1810 l/min)

Inlet BSP(F): 1/4 " (6.4 mm.)



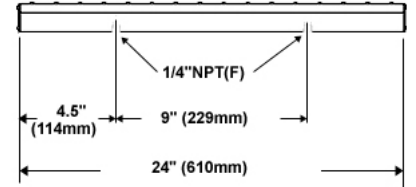
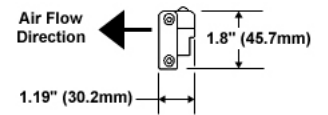
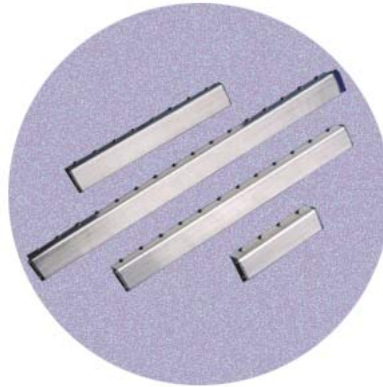
### 921-18: Curtain Transvector (457 mm)

Length: 18 " (460 mm.)

Test pressure: 100 psig (6.9 bars)

Airflow: 95 scfm (2690 l/min)

Inlets BSP(F) (2): 1/4 " (6.4 mm.)



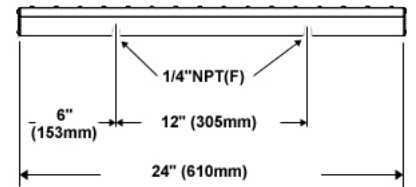
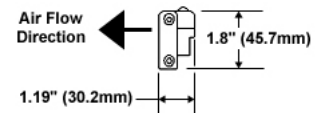
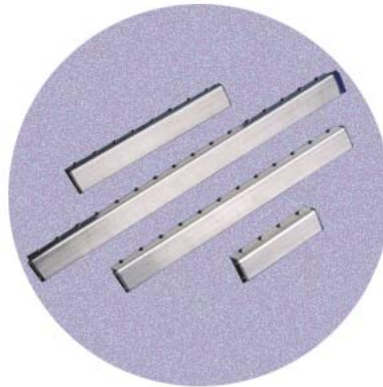
### 921-24: Curtain Transvector (610 mm)

Length: 24 " (610 mm.)

Test pressure: 100 psig (6.9 bars)

Airflow: 127 scfm (3600 l/min)

Inlets BSP(F) (2): 1/4 " (6.4 mm.)



## Air Knife (stainless steel body)

Curtain Transvectors produce a powerful sheet of air for use in applications where high temperatures, purity or corrosion resistance is a concern.

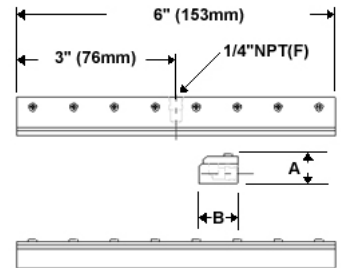
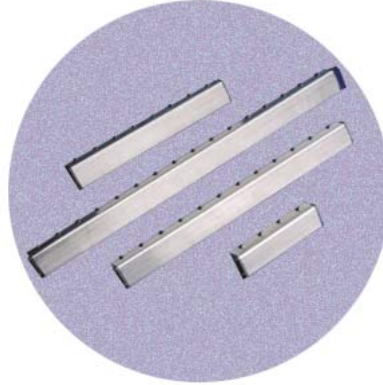
### 921SS: Stainless Steel Curtain Transvector (152 mm)

Length: 6 " (152 mm.)

Test pressure: 100 psig (6.9 bars)

Airflow: 32 scfm (910 l/min)

Inlet BSP(F): 1/4 " (6.4 mm.)



A = 1-3/32" (28mm)  
B = 1-1/2" (38mm)

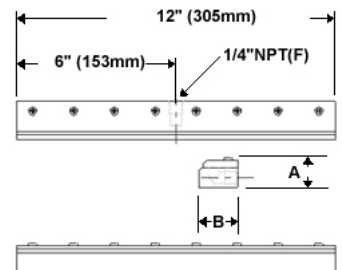
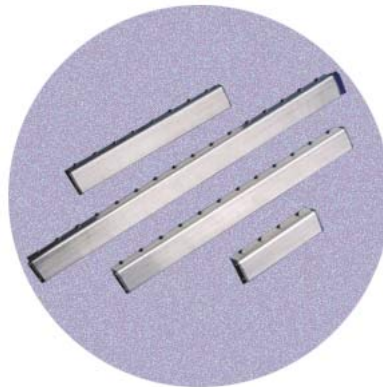
### 922SS: Stainless Steel Curtain Transvector (305 mm)

Length: 12 " (305 mm.)

Test pressure: 100 psig (6.9 bars)

Airflow: 64 scfm (1810 l/min)

Inlet BSP(F): 1/4 " (6.4 mm.)



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B = 1-1/2" (38mm)

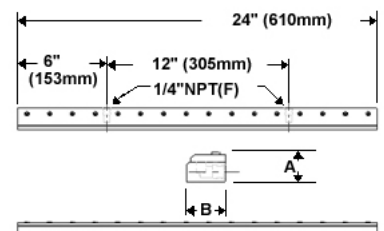
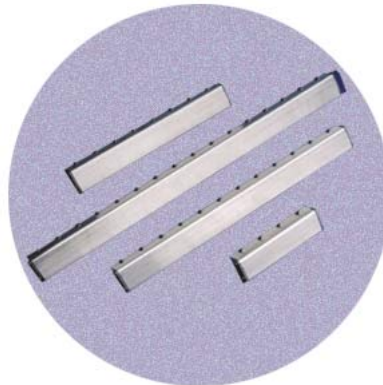
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Length: 24 " (610 mm.)

Test pressure: 100 psig (6.9 bars)

Airflow: 127 scfm (3600 l/min)

Inlets BSP(F) (2): 1/4 " (6.4 mm.)



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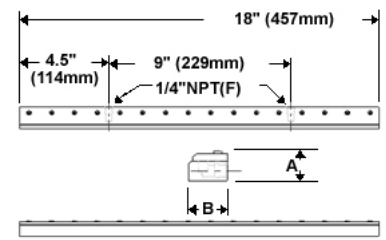
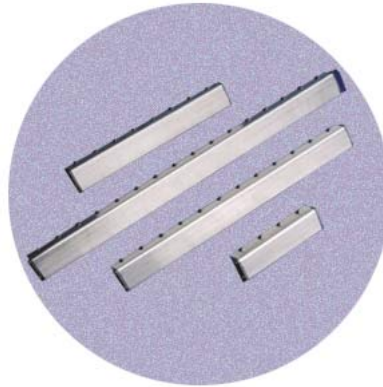
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