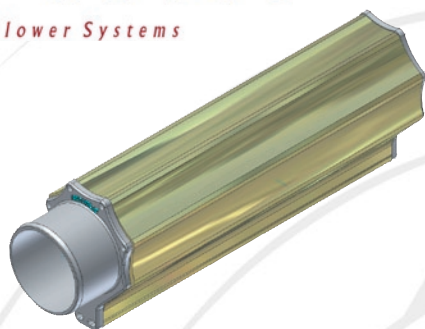




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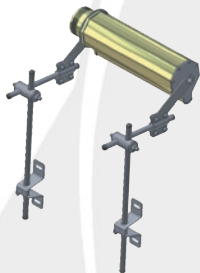
Blower Systems

Republic Air Knife Profile



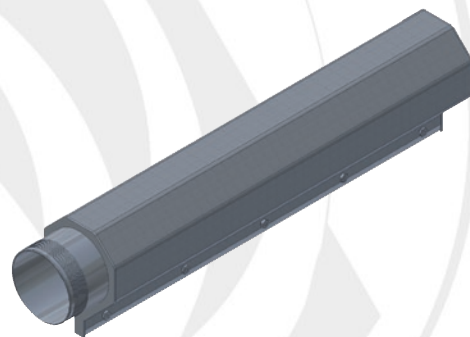
Aluminum Air Knife

- ▲ 6063/T6 Aluminum
- ▲ Clear Anodized or Nickel Plated Finish
- ▲ 3" Inlet
- ▲ Lengths to 18'
- ▲ For General Air Knife Applications



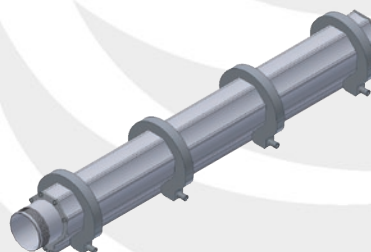
Air Knife & Nozzle Support Brackets

- ▲ 304 Stainless Steel Construction
- ▲ Brackets Easily Bolt to Existing Equipment
- ▲ Fully Adjustable for Any Application
- ▲ More Flexible and Convenient than Other Mounting Designs



Stainless Steel Air Knife

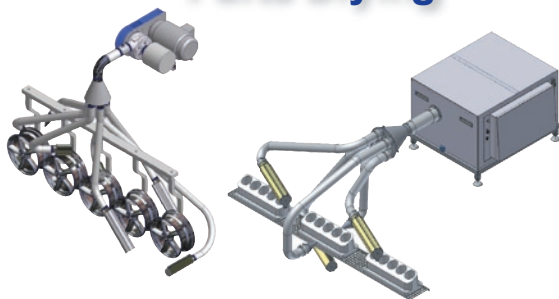
- ▲ 316 Stainless Steel
- ▲ Grained Stainless Steel Finish
- ▲ 2", 3" and 4" Inlets
- ▲ Lengths to 14'
- ▲ For Corrosive and Sanitary Applications



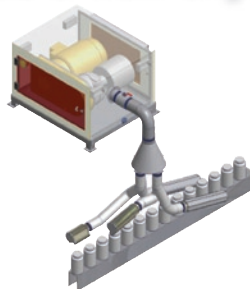
Non-standard Air Knife

- ▲ Custom Air Knives for Any Application
- ▲ Stainless Steel, Aluminum or Any Other Material
- ▲ Unique Shapes and Sizes to Fit Each Application
- ▲ Call a Republic Representative for Details

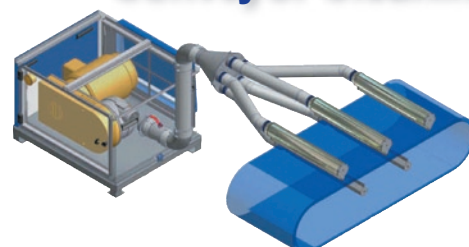
Parts Drying



Bottle & Can Drying



Steel Strip Drying & Conveyor Cleaning



5131 Cash Road ▲ Dallas, TX 75247 ▲ P 214.631.8070 ▲ F 214.631.3673 ▲ 1.800.847.0380

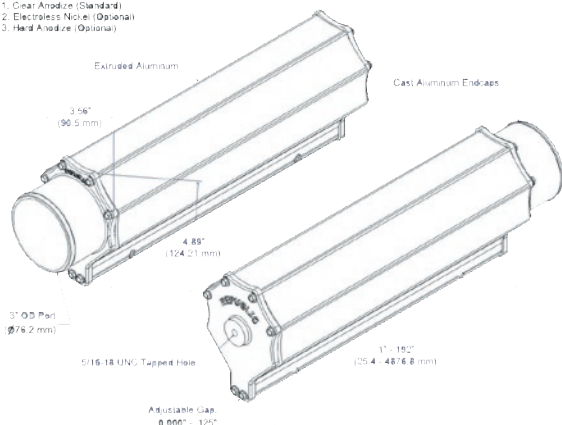
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R E P U B L I C

Blower Systems

Note Airknife Plating:
1. Clear Anodize (Standard)
2. Electroless Nickel (Optional)
3. Hard Anodize (Optional)



A	B	C (Port Dia)	Material
2-3/8"	3-7/16"	3"	Aluminum or Stainless Steel
3-1/2"	4-3/4"	2"	Aluminum or Stainless Steel
4-9/16"	6-11/16"	4"	Stainless Steel

Design & Construction

- ▲ Standard Aluminum Finish: Clear Anodized
- ▲ Optional Finish: Nickel Plated
- ▲ Stainless Steel Finish: Grained Stainless Steel
- ▲ Uninterrupted Air Slot Across the Entire Length. Gap: .001 - .125
- ▲ Available with Middle or Offset Inlets
- ▲ Custom Designs Available

Advantages

- ▲ Low Energy Consumption
- ▲ Provides a Dry, Clean and Oil-free Air Stream
- ▲ Inlet Side of the Blower is Filtered to Prevent Particle Contamination
- ▲ Safe—Low Pressure (4.0 psi), Unlike Compressed Air Systems
- ▲ Allows for Increased Production Speeds or Levels, Thus a Quick Payback
- ▲ Capable of Drying Products at Several Times the Distance of a Slotted Tube Air Knife
- ▲ Reduced Sound Levels When Compared with a Compressed Air Nozzle or a Round Tube Design

Republic Air Knife Profile

Accessories

- ▲ Stainless Steel Nozzles
- ▲ Stainless Steel HEPA Filters for Clean Room Environments
- ▲ Stainless Steel Y-branches, Elbows, Hose Clamps, and Piping
- ▲ Stainless Steel Air knife Support Brackets
- ▲ Stainless Steel 3, 4, 5 and 6" Outlet Manifolds
- ▲ Air knife and Blower/Motor Enclosures Available in Painted or Stainless Steel Design

Applications:

- ▲ Parts Drying
- ▲ Bottle/Can Drying
- ▲ Food Product Drying
- ▲ Conveyor Belt Cleaning/Drying
- ▲ Static Control
- ▲ Debris/Dust/Liquid Blow-off
- ▲ Coating Control of Primers, Glue, Adhesives and Inks
- ▲ Plastic Sheet/Film/Wire
- ▲ And Many Others

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