

## **AIR KNIFE DRYING SYSTEMS**

*For Canning & Bottling*

## PRECISION DRYING SYSTEMS FOR CANNING & BOTTLING

are designed based on decades of experience. Tailored to production speeds from **200 to 1500 cpm**, these systems effectively dry **aluminum cans, jars, glass bottles, and PET bottles up to two liters in size**. Meticulously engineered, manufactured, and tested, they ensure the removal of liquid, dust, and debris before proceeding to labeling, inkjet laser coating, packaging, or other subsequent operations.

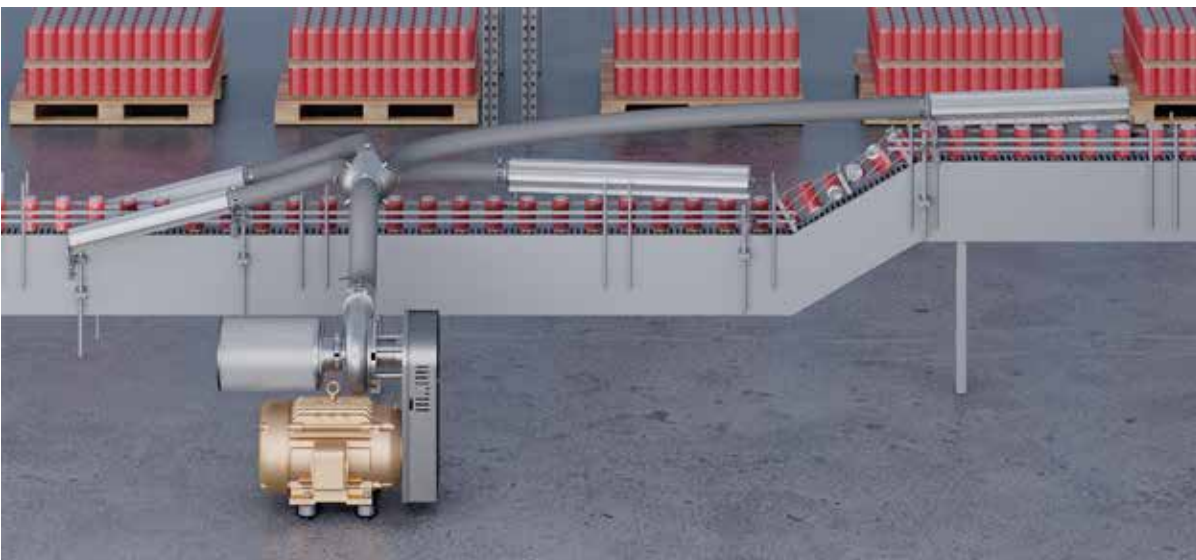
Republic Centrifugal Blowers are a cost-effective alternative to compressed air, and provide clean, dry, oil-free air at lower operating costs. The RB-Series has been proven to be reliable across a wide range of applications and industries. The **best-in-class RBX-Series** significantly **reduces operating costs**, achieving **80% peak efficiencies**, and offers up to eight times **longer bearing life** than standard blowers, ensuring durability and long-term cost-effectiveness.



*Drying Sides*



*Enclosed System Drying Sides, Top, & Bottom*



*Drying System with Twist*

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<b>Speed (cans/bottles per minute)</b>	<b>Drying Description</b>	<b>System Part Number</b>	<b>With Blower Enclosure</b>
200	Sides	200-200AKS	200-200AKS-ENC
500	Sides	200-500AKS	200-500AKS-ENC
750	Sides & Top	201-750AKS-TS	201-750AKS-ENC
1000	Sides	201-1000AKS	201-1000AKS-ENC
1500	Top	200-1500AKS-TOP	200-1500AKS-TOP-ENC
	Sides & Top	201-1500AKS-TS	201-1500AKS-TS-ENC
	Sides, Top, & Bottom	201-1500AKS-ALL	201-1500AKS-ALL-ENC
	Sides, Top, & Bottom w/Twist	201-1500AKS-TWIST	201-1500AKS-TWIST-ENC

## ***Benefits***

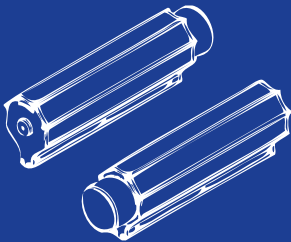
- Engineered specifically for canning & bottling applications
- Systems sized to best service specific speeds
- Low energy consumption
- Dry, clean, oil-free air stream
- Increased production speeds and output for a quick payback
- Reduced sound levels when compared to compressed air nozzle or round tube design

## ***System Components***

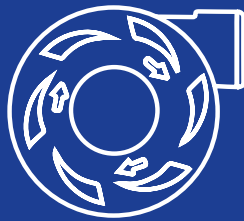
- Republic Centrifugal Blower
- Republic Aluminum Air Knives
- Republic Air Knife Brackets
- Butterfly Valve
- Flex Hose
- Required Plumbing



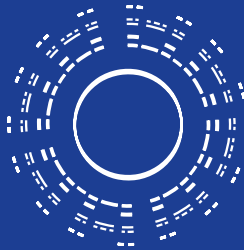
AIR KNIFE SYSTEMS



CENTRIFUGAL BLOWERS



REGENERATIVE BLOWERS



ROTARY VANE PUMPS



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