

## AIR KNIFE SYSTEMS





**REPUBLIC CRAFT BREWERY SYSTEMS** are specifically designed for craft brewers; engineered, manufactured and tested to provide 99.9% of liquid, dust, and debris removal from products prior to labeling, ink jet laser coding, packaging or other secondary operations using a high velocity, high impact air stream.

Standard systems are available for canning or bottling. Determined by line speed and container size, Republic's Craft Brewery Systems utilize centrifugal or regenerative blowers to power air knives and nozzles, drying the sides, top, and bottom of the product.

Our breadth of manufacturing equipment allows us to engineer and manufacture the additional components needed to complete your system; including the Republic Centrifugal Blower, butterfly valves to provide the appropriate pressure and air stream as needed, elbows, Y-branches, and manifolds.

## Solutions to:

- Labels not sticking
- Crooked labels
- Ink jet smearing
- Water carryover
- Water marks on packaging

## COMPONENTS

- Centrifugal/Regenerative Blower
- Air Knives
- Air Knife Support Brackets
- Flexible Hose
- Y-Branch/Manifold
- Connection Sleeves & Clamps











## **ADVANTAGES**

- **Expandable**
- Engineered for line speeds & sizes specific to craft breweries
- Low maintenance
- Low energy consumption
- Dry, clean, oil-free air stream
- Decreased downtime
- Filtered inlet prevents contamination
- Increased production speeds
- Reduced sound levels

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