

AIR KNIVES™

JetAir's air knives are precision engineered and completely adjustable to produce a clean, high-velocity, high-impact stream of air.

Our air knives remove liquid, dust, and industrial debris typically found following wash, filling, or coating operations. All JetAir air knives are engineered, manufactured, and tested to provide 100% effective air application. These high-efficiency air knives generate moderate pressure and high flow ideal for drying, air rinse, and blow-off applications.

MEET THE FAMILY

JetBlast™



LXC™



RLX™



JetX™



JetBlast™



JetX™



RLX™



LXC™



DESCRIPTION

Uniquely efficient nozzle design projects high velocity air stream from outlet. Aerodynamic design balances pressure across all nozzles.

Highly efficient faceted profiles. Engineered outlets ensure laminar flow across gap.

Adjustable air gap meets demands of difficult applications.

Efficient teardrop profile with smooth-walled aerodynamic design.

Adjustable air gap meets the demands of difficult applications.

Highly efficient faceted profile. Extended engineered outlets ensure laminar flow over greater distances.

Adjustable air gap meets demands of difficult applications.

SPECS

- Stainless steel & LDPE available
- Custom nozzle configuration

- Stainless steel
- Adjustable air gap
- Multiple sizes available

- LDPE
- Adjustable air gap
- Food grade plastic

- Stainless steel
- Adjustable air gap
- Heavy duty 10G construction

USAGE

- Superior air reach
- Compressed air replacement
- High-speed applications

- Compressed air replacement
- Static control

- High-speed blow-off applications
- Compressed air replacement
- Static control

- Coating & sheet applications

PROFILE DIMENSIONS

JBS™ (Stainless Steel)
H: 5.50 [140]
W: 3.00 [76]
Inlet: Ø3.00 [Ø76]
L: Custom

JBR™ (LDPE)
H: 6.53 [165.9]
W: 4.00 [102]
Inlet: Ø4.00 [Ø102]
L: Custom

LX™
H: 7.27[185] | W: 5.03[128]
L: Custom | Inlet: Ø4 [Ø102]

MX™
H: 5.48[139] | W: 3.77[96]
L: Custom | Inlet: Ø3 [Ø76]

SX™
H: 3.64[93] | W: 2.50[64]
L: Custom | Inlet: Ø2 [Ø51]

XX™
H: 2.37[60] | W: 1.39[35]
L: Custom | Inlet: Ø1 [Ø25]

RLX™
H: 6.88 [175]
W: 4.13 [104]
L: Custom
Inlet: Ø4.00 [Ø102]

LXC™
H: 8.08 [205]
W: 5.01 [127]
L: Custom
Inlet: Ø4.00 [Ø102]

LXD™
H: 6.09 [155]
W: 4.00 [109]
L: Custom
Inlet: Ø4.00 [Ø102]

AIR COMPONENTS



Tubing & Flexible Hose

Ambient & high heat

Reducers & Elbow Dividers

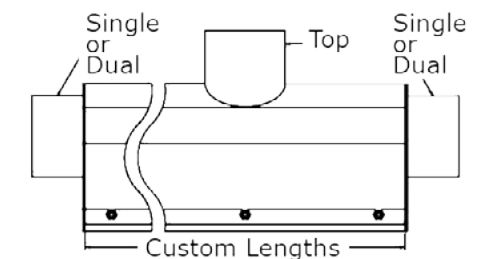
Wyes & manifolds

Air Flow Valves

Automatic & manual

Custom Fittings

ADDITIONAL OPTIONS



Air Knife Stands

Mount to conveyor or self-supporting, stainless steel, 100% adjustable

Static Control

Add-on ion bars

Shielding

Spray guards, drain options & noise control

Air Gap Control

Adjustable 0.035-0.25" [0,9-22mm]

Air Knife Usage

BEVERAGE



- Dry for labeling, coding, inspection, & secondary packaging
- Single file or mass flow
- Clean containers using ionized air before filling

INDUSTRIAL



- Machine tool coolant removal
- Dry sheets, crates, wire, etc.
- Dry large applications
- Debris, bead blast, & casting sand removal
- Dry before coding
- Edge curing
- Cooling

FOOD



- Dry for labeling, coding, & secondary packaging
- Smooth & cure coatings
- Remove loose product
- Remove excess water
- Dry conveyors
- Move product

POWDER



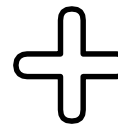
- Dry powder blenders of any size
- Remove statically charged powder from container interiors and exteriors

PHARMACEUTICAL



- Dry pouches - gusseted, pillow, etc.
- Air rinse and/or dry containers with HEPA-filtered air
- Remove debris
- Dry IV bags

MORE



- **Automotive:** Battery process drying, pre-paint ionized air rinse, parts blow-off
- **Textile:** Vacuum cutting tables
- **Customized Solutions:** Engineered-to-order systems for drying and air rinsing applications

Safety Certifications Available



PackML
an OMAC standard

