# JETAIR
### TECHNOLOGIES, LLC

# JetTunnel™

## DRYING & BLOW OFF SYSTEM

**The JetTunnel™ is a comprehensive drying system
for the consumer packaged goods market.**

It achieves superior dryness prior to labeling, inspection, coding, sleeving, secondary packaging, and more. The JetTunnel™ is powered by JetAir's high-speed centrifugal blowers, which deliver clean, oil-free, filtered air to remove unwanted moisture and debris. The JetTunnel™ is custom designed to handle the widest range of containers and line speeds up to 120,000 cph. It easily integrates into existing packaging lines and all plant control networks. Standard and custom systems are available.

## MEET THE FAMILY

## J1000 Features



### SYSTEM HIGHLIGHTS

- High speed, energy efficient DirectDrive™ blower housed in integrated wash-down chamber
  - Blower is optimized for higher kW efficiency & reduced footprint
  - Blower is belt- and tensioner-free
- Customized to line speed and container sizes & geometries
- Application-specific air components
- Coalescing inlet air filter (HEPA available)
- JetSet™ mounts for fast and repeatable changeovers
- Custom guide rails included

### CONTROLS

- Allen-Bradley Variable Frequency Drive standard (all VFD brands available)
- LOTO line power fused disconnect
- Operator-friendly interface & system status indicators
- UL508, cUL, CE standards
  - CAT 3-4/PLd-e available
- OMAC PackML compliant
- Electrical Panel NEMA4/IP66

### MAINTENANCE

- Interior designed for water collection & removal
- Washdown Stainless Steel 304
  - SS316 & CPVC solutions available
- Double-walled construction for low noise
  - Sound attenuation (78-85dB)
- Removable, sloped drip pan for water capture & fast cleaning
- Lift-off panel for easy maintenance
- Heavy-duty door with large vision window for conveyor & air component access
- Stainless steel threaded levelers for 5" vertical adjustment
- Integrated lifting eyes for easy installation
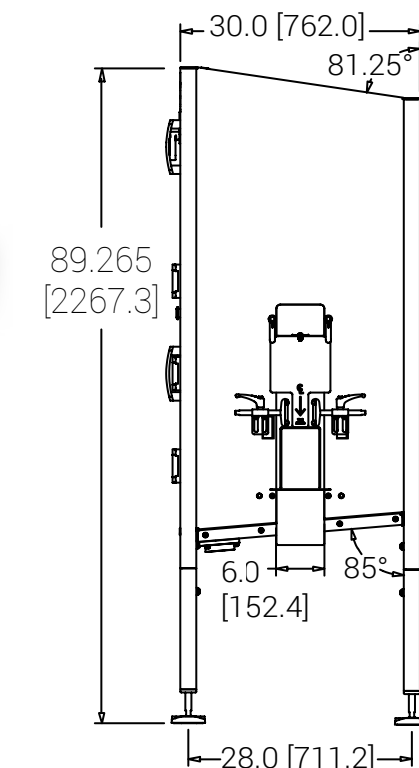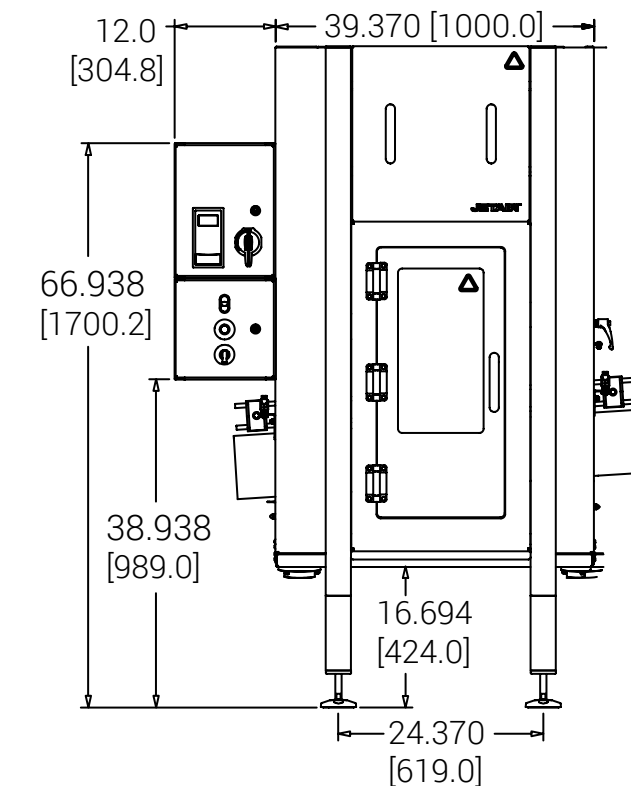- Minimal spare parts

## Optional Features

- Network integration
  - Ethernet, Profibus, DeviceNet
- Integrated transport conveyor
- Container hold-down
- Clean In Place (CIP)
- Water rinse & drying
- Emergency glass shard protection
- Door interlocks
- Product detection sensor
- JetSet™ automatic multi-point adjustment changeover

## J1000 Dimensions

*inches[mm]*





**Standard Dimensions:**

CONVEYOR:
TOC: up to 48"
Width: up to 6"
Height: up to 9"

PRODUCT:
Diameter: up to 5.75"
Height: 6.75 to 11.75"

Customization for other dimensions available.

## J1500 Features

### SYSTEM HIGHLIGHTS

- High speed, energy efficient DirectDrive™ blower housed in integrated wash-down chamber
  - Blower is optimized for higher kW efficiency & reduced footprint
  - Blower is belt- and tensioner-free
- Customized to line speed and container sizes & geometries
- Application-specific air components
- Coalescing inlet air filter (HEPA available)
- JetSet™ mounts for fast and repeatable changeovers
- Custom guide rails included

### CONTROLS

- Allen-Bradley Variable Frequency Drive standard (all VFD brands available)
- LOTO line power fused disconnect
- Operator-friendly interface & system status indicators
- UL508, cUL, CE standards
  - CAT 3-4/PLd-e available
- OMAC PackML compliant
- Electrical Panel NEMA4/IP66

### MAINTENANCE

- Interior designed for water collection & removal
- Washdown Stainless Steel 304
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- Stainless steel threaded levelers for 5" vertical adjustment
- Integrated lifting eyes for easy installation
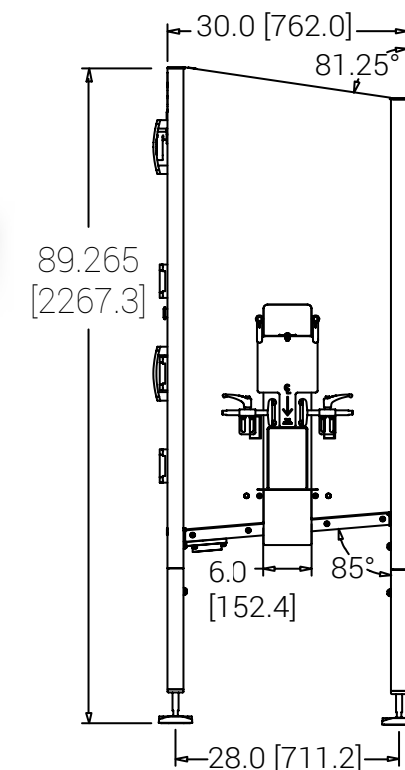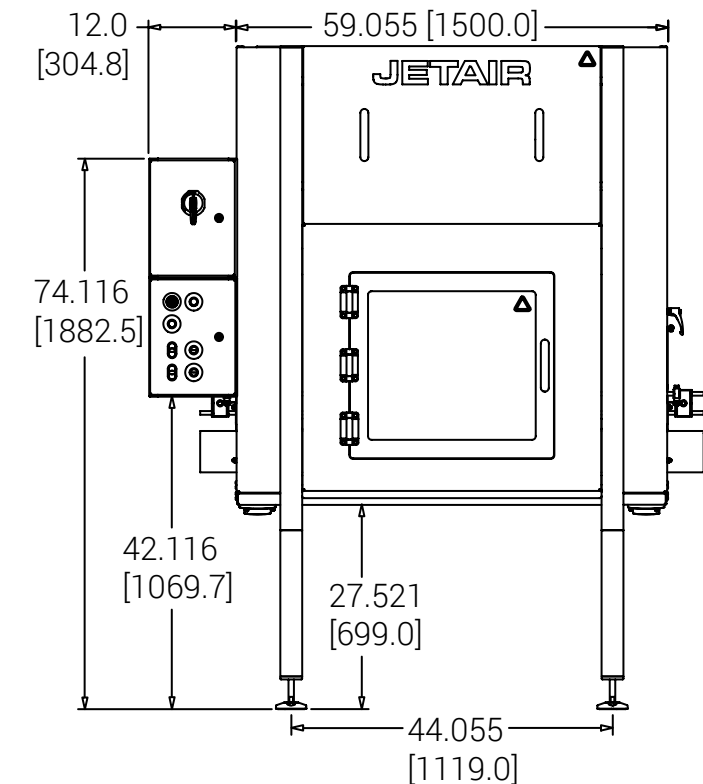- Minimal spare parts

## Optional Features

- Network integration
  - Ethernet, Profibus, DeviceNet
- Integrated transport conveyor
- Container hold-down
- Clean In Place (CIP)
- Water rinse & drying
- Emergency glass shard protection
- Door interlocks
- Product detection sensor
- JetSet™ automatic multi-point adjustment changeover

## J1500 Dimensions

*inches[mm]*



12.0 [304.8]
59.055 [1500.0]
74.116 [1882.5]
42.116 [1069.7]
27.521 [699.0]
44.055 [1119.0]

30.0 [762.0]
81.25°
89.265 [2267.3]
6.0 [152.4]
85°
28.0 [711.2]

**Standard Dimensions:**

CONVEYOR:
TOC: up to 48"
Width: up to 6"
Height: up to 9"

PRODUCT:
Diameter: up to 5.75"
Height: 6.75 to 11.75"

Customization for other dimensions available.

## J2000 Features

### SYSTEM HIGHLIGHTS

- High speed, energy efficient DirectDrive™ blower housed in integrated wash-down chamber
  - Blower is optimized for higher kW efficiency & reduced footprint
  - Blower is belt- and tensioner-free
- Customized to line speed and container sizes & geometries
- Application-specific air components
- Coalescing inlet air filter (HEPA available)
- JetSet™ mounts for fast and repeatable changeovers
- Custom guide rails included

### CONTROLS

- Allen-Bradley Variable Frequency Drive standard (all VFD brands available)
- LOTO line power fused disconnect
- Operator-friendly interface & system status indicators
- UL508, cUL, CE standards
  - CAT 3-4/PLd-e available
- OMAC PackML compliant
- Electrical Panel NEMA4/IP66

### MAINTENANCE

- Interior designed for water collection & removal
- Washdown Stainless Steel 304
  - SS316 & CPVC solutions available
- Double-walled construction for low noise
  - Sound attenuation (78-85dB)
- Removable, sloped drip pan for water capture & fast cleaning
- Lift-off panel for easy maintenance
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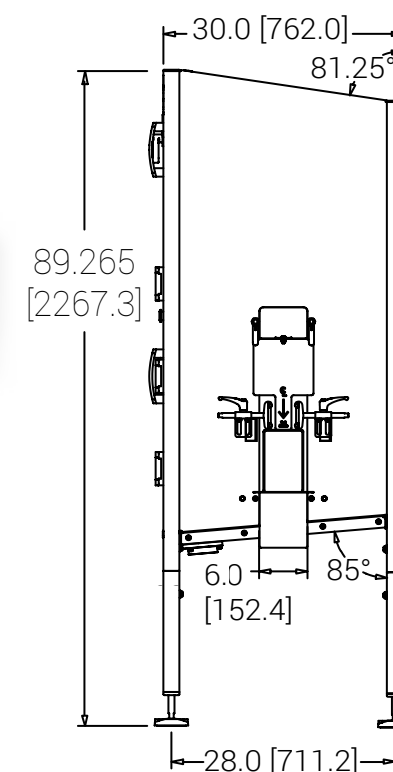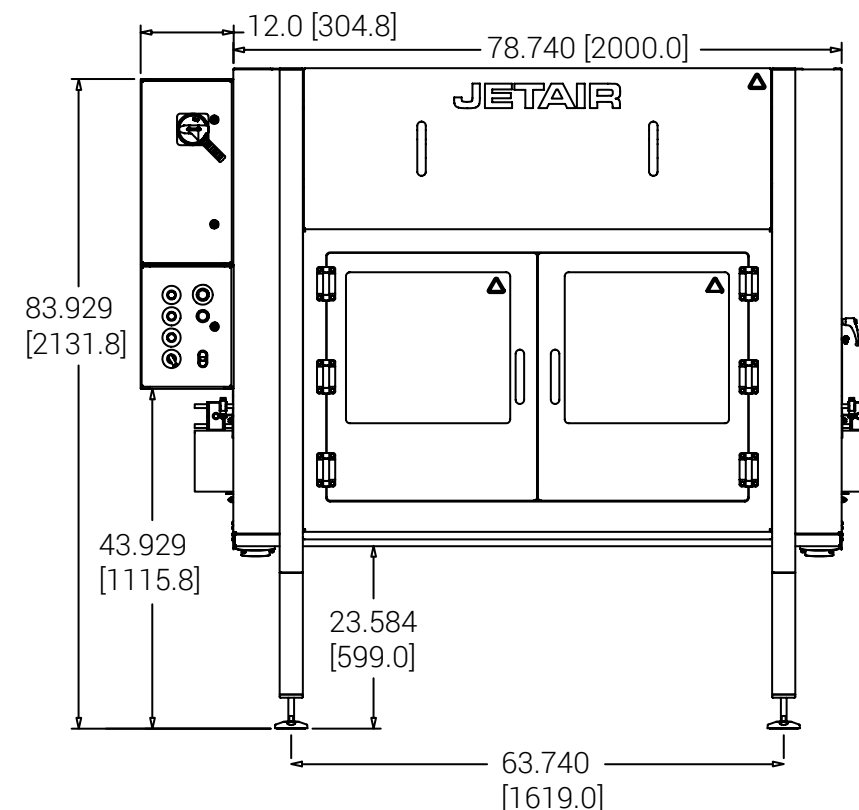- Minimal spare parts

## Optional Features

- Network integration
  - Ethernet, Profibus, DeviceNet
- Integrated transport conveyor
- Container hold-down
- Clean In Place (CIP)
- Water rinse & drying
- Emergency glass shard protection
- Door interlocks
- Product detection sensor
- JetSet™ automatic multi-point adjustment changeover

## J2000 Dimensions

*inches[mm]*



12.0 [304.8]
78.740 [2000.0]
83.929 [2131.8]
43.929 [1115.8]
23.584 [599.0]
63.740 [1619.0]

30.0 [762.0]
81.25°
89.265 [2267.3]
6.0 [152.4]
85°
28.0 [711.2]

**Standard Dimensions:**

CONVEYOR:
TOC: up to 48"
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## JetTunnel™ Applications

| | |
|---|---|
| **BEVERAGE** | • Dry for labeling, coding, inspection, & secondary packaging<br>• Single file or mass flow<br>• Clean containers using ionized air before filling |
| **INDUSTRIAL** | • Machine tool coolant removal<br>• Dry sheets, crates, wire, etc.<br>• Dry large applications<br>• Debris, bead blast, & casting sand removal<br>• Dry before coding<br>• Edge curing<br>• Cooling |
| **FOOD** | • Dry for labeling, coding, & secondary packaging<br>• Smooth & cure coatings<br>• Remove loose product<br>• Remove excess water<br>• Dry conveyors<br>• Move product |
| **POWDER** | • Dry powder blenders of any size<br>• Remove statically charged powder from container interiors and exteriors |
| **PHARMA** | • Dry pouches - gusseted, pillow, etc.<br>• Air rinse and/or dry containers with HEPA-filtered air<br>• Remove debris<br>• Dry IV bags |
| **MORE** | • **Automotive:** Battery process drying, pre-paint ionized air rinse, parts blow-off<br>• **Textile:** Vacuum cutting tables<br>• **Customized Solutions:** Engineered-to-order systems for drying and air rinsing applications |

## Safety Certifications Available

CE    PackML an OMAC standard    UL    cULus

pepsi    ABInBev    KRAFT    Georgia-Pacific    DR PEPPER SNAPPLE GROUP    Nestlé    Coca-Cola    NEW BELGIUM BREWING

General Mills    GM    P&G Procter & Gamble    CLOROX    LAGUNITAS BREWING    Kroger    Constellation Brands