

DATA SHEET

AirKnives by JETAIR™

High-Efficiency Aero™, JetKnife™ and JetBlast™ AirKnives generate moderate pressure and high flow ideal for conveyor line drying, wire drying, blow-off, coating, plating and anti-static applications.

JetAir Technologies' AirKnives are precision engineered and completely adjustable to produce a clean, high velocity, high impact stream of air to remove industrial debris, dust, and liquids typically found following a wash, filling, or coating operation. All JetAir AirKnives are engineered, manufactured, and tested to provide a 100% dry part prior to other industrial operations. JetAir Technologies' AirKnives increase line speeds, enhance manufacturing processes, and improve surface finishes.



Aero™ Series
Industry leading efficiency in an aerodynamic profile. Available in stainless steel and aluminum.



JetKnife™ Series
Highly efficient faceted profile with force vectored outlet straightens air flow and eliminates swirl at gap adjustment screws. Available in large, standard and micro sizes to fit most machine spaces.

JetBlast™ Series
Efficient nozzle configuration projects air velocity up to 8" [200mm] from outlet. Ideal for stand-off applications. Available in stainless steel and Schedule 80 CPVC.



JetAir Technologies' technical staff designs optimized application specific systems. System layouts specify complete and guaranteed solutions! Our Application Engineers are adept designing systems to operate under unusual conditions and/or with special requirements. AirKnives are available in many configurations and with multiple options.

JetAir also manufactures three complementary blowers lines with DirectDrive™ Technology: the JET-2™, JET-3™ and JET-1D™. JetAir Blowers represent the latest in high-speed centrifugal technology with industry leading power, efficiency, and compactness.



Contact a JetAir Applications Engineer.

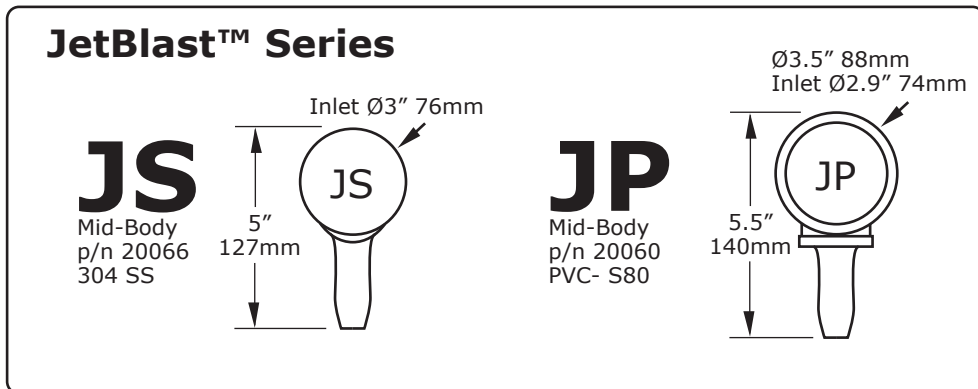
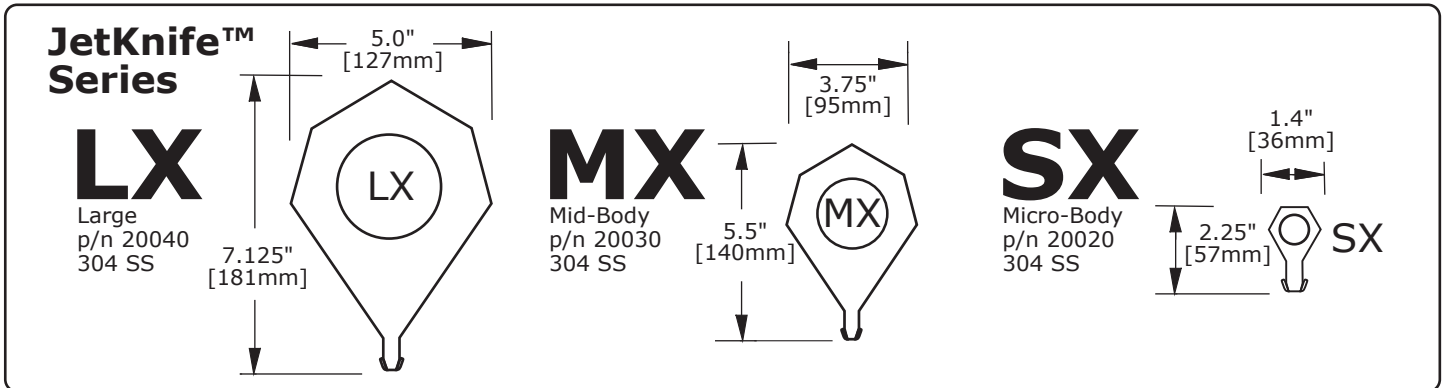
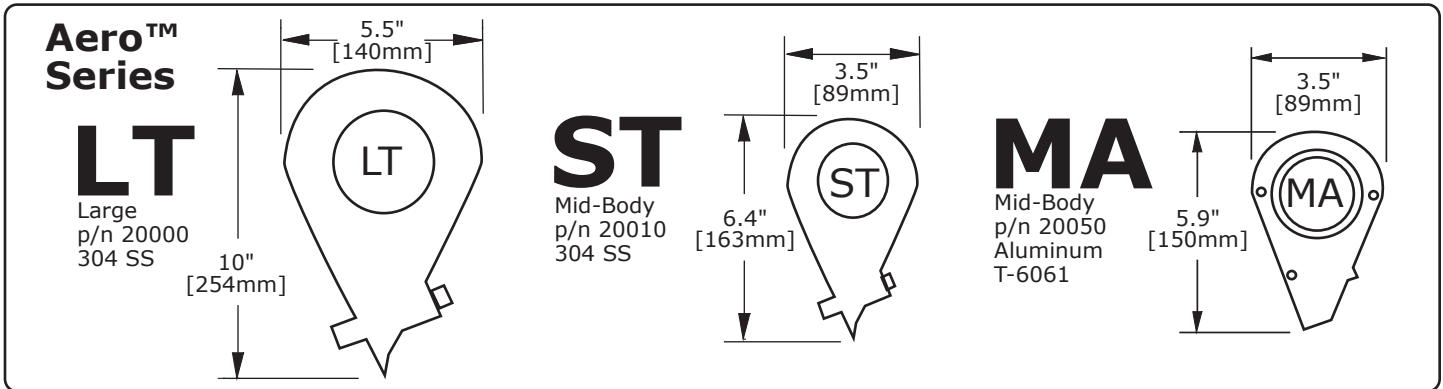
JETAIR™

TECHNOLOGIES, LLC

1884 Eastman Ave., #112, Ventura CA 93003
805-654-7000 main, 805-654-7064 facsimile
www.jetairtech.com or sales@jetairtech.com

AirKnife Features Chart	Aero™ Series			JetKnife™ Series			JetBlast™ Series	
	LT	ST	MA	LX	MX	SX	JS	JP
Stainless Steel SS 304	●	●		●	●	●	●	
Aluminum Anodized 6061			●					
PVC								●
Efficiency	95%			92%			90%	
Compact 2" (50mm) width						●		
Non-Swirling Outlet Coating Applications			●	●	●	●	●	●
High-Speed Conveyor Food & Beverage, Washdown	●	●	●	●	●		●	●
Extended Air Velocity Reach Case & Deep Cavity Blow-Off							●	●
< 60" (1,5M)		●	●		●	●	●	●
> 60" (1,5M)	●		●	●	●		●	●
Ø4" (100mm) Inlet End, Side or Top Position	●			●				
Ø3" (76mm) Inlet End, Side or Top Position	●	●	●	●	●		●	●
Ø2" (51mm) Inlet End, Side or Top Position	●	●	●	●	●			
Ø1" (25mm) Inlet End, Side or Top Position						●		

Technical Specifications: AirKnives



AirKnife Options:

AirKnife Stands

Mount to Conveyor or Self-Supporting, SS, 100% adjustable.

Shielding:

Spray Guards - Plex/SS, Drain Options, Noise Control

Air Gap Control:

100% Adjustable 0.035-0.25" or 0,9-22mm.

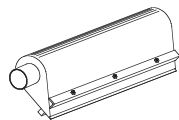
Inlet Sizes & Positions:

Ø1", Ø2", Ø3", & Ø4" inlet sizes are available - see selector chart on front.

JetAir Technologies' Technical Staff will design the optimum system for your application. We have experience in blower and vacuum applications in many industries: automotive, beverage, defense, civil engineering, food processing, construction, medical, metals, petrochemical, pharmaceutical, rubber, textile and wire industries.

JetAir's eight different AirKnife configurations cover the widest range of applications and ensure efficient sizing of customer applications.

Contact a JetAir Application Engineer for system engineering.



Air Components Available:

Tubing & Flexible Hose
Ambient and High-Heat

Dividers
Wyes and Manifolds

Reducers, Elbows

Enclosures

Silencers

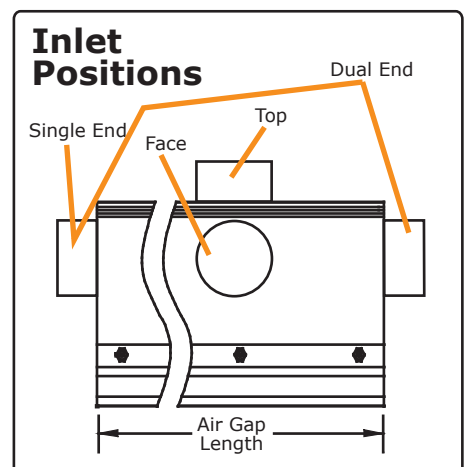
Air Flow Valves
Automatic, Manual

Filters

Custom Fittings

Automation Solutions

Anti-Static Devices



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