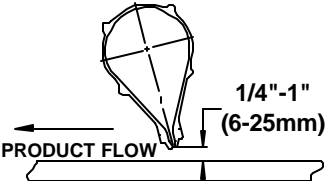
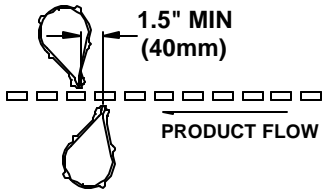
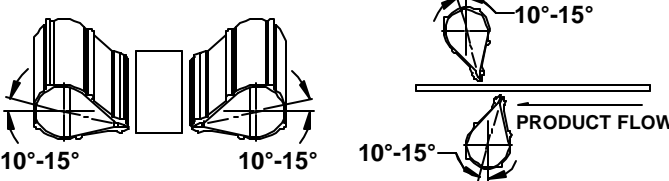
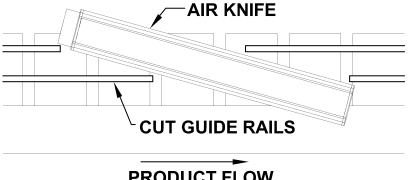
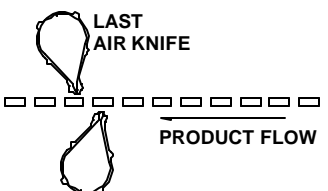
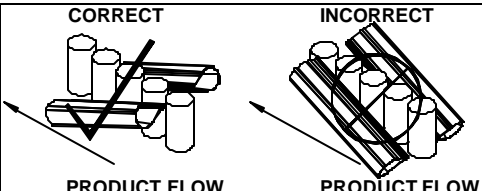


Sonic Air Knife Installation Quick-Guide

Air Knife placement relative to product is extremely important for effective drying. Problems occur when Air Knives are moved to accommodate different product sizes and are not returned correctly to the original positioning. As a general rule the closer the Air Knives are to a product being blown-off the better, with ¼” – ½” (6mm to 12mm) being ideal where possible.

<p>1) Air Knives should be ¼” to ½” (6mm to 12mm) from product, Unless Sonic specified greater.</p>	
<p>2) Air Knife slots should be staggered to avoid turbulence and to prevent inferior drying and excessive noise.</p>	
<p>3) Air Knives should be at an angle of 10° - 15° from perpendicular to product and against the direction of product flow</p>	
<p>4) Guide rails containing parts traveling in single file on a conveyor, must be cut to allow access for air knife slot</p>	
<p>5) For parts on a conveyor, Air Knives should be positioned to dry top of product last</p>	
<p>6) For parts in single file on a conveyor, Air Knives should be positioned to dry from top to bottom pushing liquid down</p>	

**** See Air Knife Manual for more in depth Installation support**

SEE OTHER SIDE FOR BLOWER TROUBLE SHOOTING



Engineered Blowers & Air Knife Solutions

Blower Troubleshooting Quick Guide

Trouble	Cause	Remedy
Low Flow / Pressure / Vacuum	<ul style="list-style-type: none"> Blower rotating backwards (Incorrect wiring) 	<ul style="list-style-type: none"> Reverse motor wiring
Frequent Drive Belt Failure	<ul style="list-style-type: none"> Blower rotating backwards (Incorrect wiring) 	<ul style="list-style-type: none"> Reverse motor wiring
	<ul style="list-style-type: none"> Wrong belts (Not Sonic approved) 	<ul style="list-style-type: none"> Use only Sonic supplied belts
	<ul style="list-style-type: none"> Incorrect belt installation method 	<ul style="list-style-type: none"> Properly install belts
	<ul style="list-style-type: none"> Frequent Motor Starts/Stops 	<ul style="list-style-type: none"> Install Soft Start or V.F.D.
Belt Jumping Off	<ul style="list-style-type: none"> ¾ inch gap not set 	<ul style="list-style-type: none"> Adjust belt gap to ¾"
	<ul style="list-style-type: none"> Blower rotating backwards (Incorrect wiring) 	<ul style="list-style-type: none"> Reverse motor wiring
	<ul style="list-style-type: none"> Belt not set in grooves properly 	<ul style="list-style-type: none"> Install belt correctly
	<ul style="list-style-type: none"> Wrong belt (Not Sonic approved) 	<ul style="list-style-type: none"> Install Sonic supplied belt
	<ul style="list-style-type: none"> Frequent Motor Starts/Stops 	<ul style="list-style-type: none"> Install Soft Start or V.F.D.

**** See Operations Manual for more in depth Blower Trouble Shooting**

***** If further assistance is required, please call Tech Support @ 714.255.0124**

SEE OTHER SIDE FOR AIR KNIFE INSTALLATION GUIDE

1050 Beacon Street, Brea, California 92821, USA. Phone (714) 255-0124 Fax (714) 255-8366

www.sonicairsystems.com