

NOZZLE MANIFOLD MOUNTING



For Conveyor Top Drying

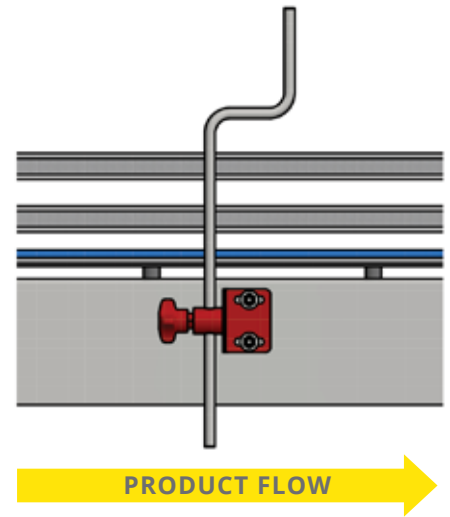
Each air knife comes with:

1. Mounting plate kit, part # 8006800-KIT-L or -R (installed on manifold)
2. Mounting rod kit, part # 8006634-NOZ

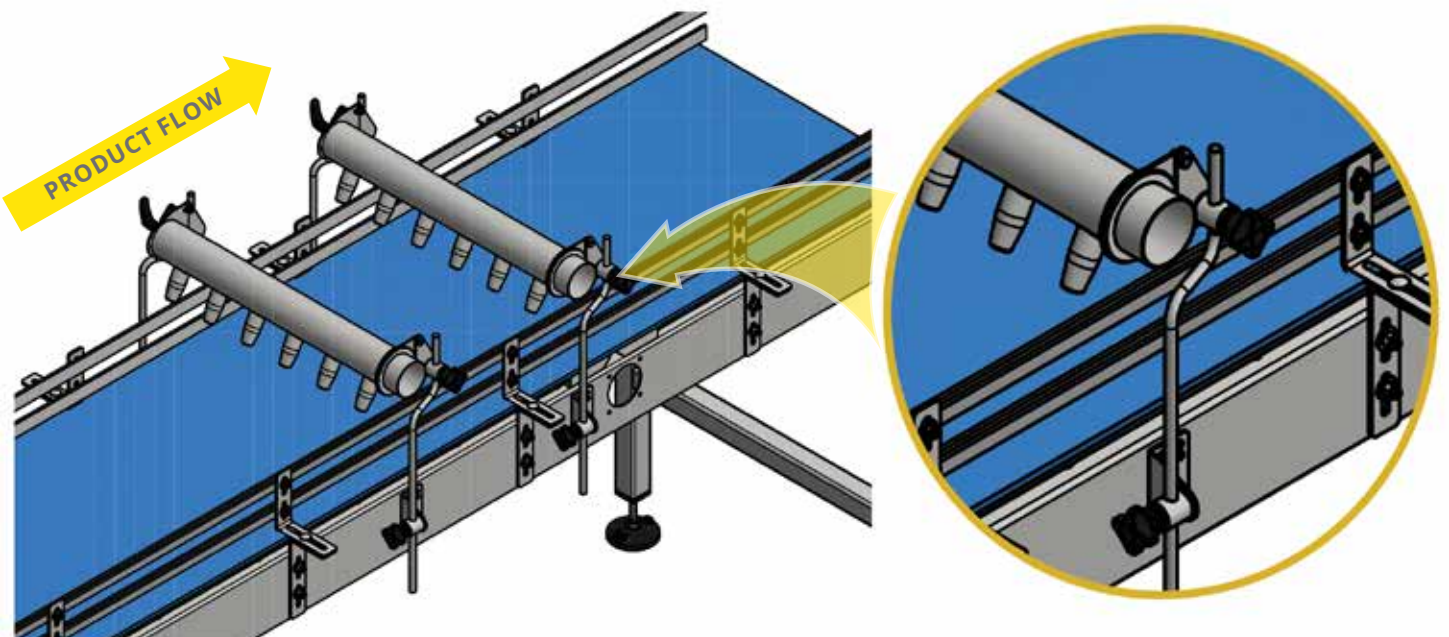
Instructions below are for mounting one nozzle manifold. For multiple manifolds, repeat instructions and position manifolds 1–4 feet apart, and preferably not less than 12" apart.

INSTRUCTIONS

- 1 Mount rods to conveyor: Drill two 11/32" holes, 2" on center vertically, on both sides of the conveyor to mount rod brackets. Alternatively, the brackets can be stud welded to the conveyor using 5/16" bolts. The bracket can be installed such that the knob is on either side and at any convenient height.
- 2 Install rods on the brackets such that the short upright is on the downstream side.
- 3 Using the knobs, adjust the height of the rods such that the horizontal portion of the rod is at or above the height of any conveyor rails.



- 4 Install nozzle manifolds by sliding the rods through the knobs on the manifold brackets. The air inlet should be positioned to minimize the distance/amount of hose from the blower. Remove tape that was holding the brackets in place during shipment.

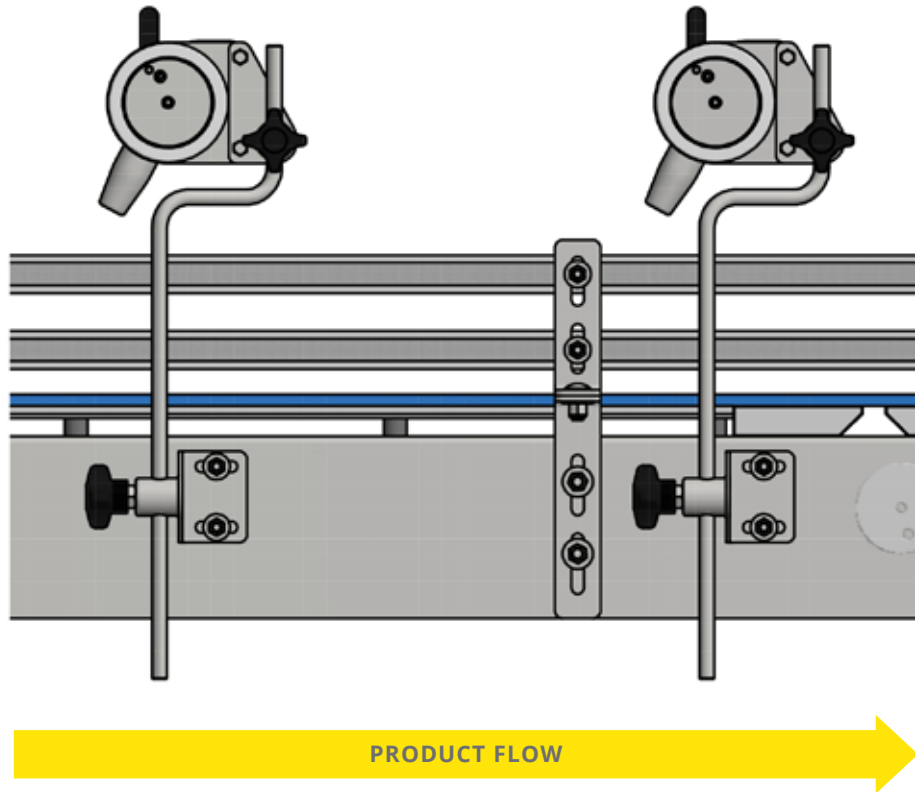


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Adjust the height of the nozzle manifolds, by sliding the rods up or down, such that the nozzles are positioned 4–8" above the top of the product being dried.

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The pitch of the nozzles must be adjusted using the knob on the end of the air knife. The nozzles should be tilted about 10° from vertical, against the flow.



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Install hose from blower to air knife inlet(s), using hose clamps.