

# JV3 Ventilation Suggestions

## Mimaki USA Specifications

The fans built into the JV3 are strong enough to get the exhaust up to 2 ft past the unit, going out a sidewall. If you are moving the exhaust any additional distance or direction then you need the following:

1. A 350 cfm (cubic feet per minute) fan minimum on tubing.
2. Add 50 cfm for every additional 10 ft of tubing
3. Add 50 cfm for every bend in the in tubing.

## Advantage Sign Supply Recommendations

**(These are only Recommendations not Requirements)**

- 4" Aluminum (enough to reach inline fan and enough from fan to outside environment. Please avoid PVC tubing as much as possible this reduces the amount of static.)
- PVC Reducer 4 1/2" to 4"
- Inline Centrifugal Fan for 4"Duct (i.e. Fantech Model FR100 this model is rated at 95cfm. The reason we prefer this model is b/c too much vacuum will attract dust to the media. )
  - Go to [www.grainger.com](http://www.grainger.com) for further models.
- Power Outlet for inline fan
- Variable Speed Control for inline fan (i.e. to reduce dust)

\*Advantage Sign Supply does not install these products nor do we support them. We only recommend based on research and prior experience.

