

# Langendorf Supply Company

*Air Distribution Equipment and Supplies*

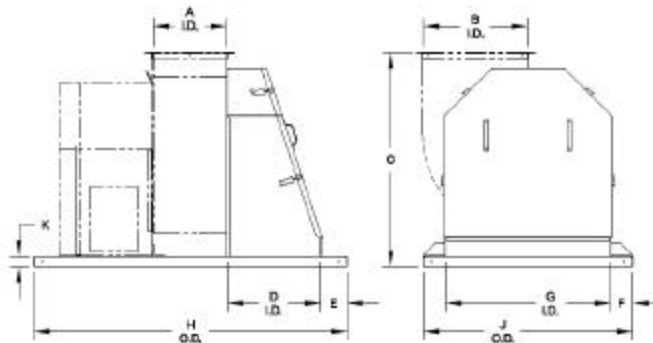
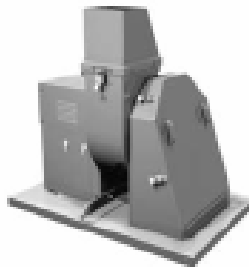
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## Cook “No Loss” Inlet Fitting Option – Design Tip

The Industry Leader Has Done It Again --- A Fitting To Reduce Space, Cost, Energy, Time

For Additional Information, Product Literature and Guide Specifications Go To: [www.lorencook.com](http://www.lorencook.com)



### Cook’s “Low Loss” Fitting – A True Value Engineered Idea

*Improper inlet and outlet fittings on fans are a source of unpredictable energy loss (system effect), noise, vibration and turbulence in the duct system. These can all affect the fan performance and increase the maintenance requirements of the fan while reducing the life of the fan components – bearings, shafts, wheels.*

*Cook has developed an inlet fitting for their vent set CP series fans that provides an economical value engineered alternative to poor design and installations. This fitting can be used with roof mounted fans to eliminate exposed ducts and the additional duct penetration through the roof. This fitting can be used on CP series vent set type fans inside a mechanical room to allow the inlet duct to be connected from the right, left, top or bottom without long radius elbows or elbows with turning vanes*

**CAUTION:** *The angles and ratios have been optimized for Cook fan wheel and inlets. Different wheels and inlets need different angles and ratios.*

*The “No Loss” fitting has less than 1% impact on performance of the unit. Under AMCA guidelines that can be considered “No Loss.” AMCA allows 3% SP and 5% on Horsepower.*

*For Product Application Assistance Contact*

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