



# KEES, INC.

**Products for Sheet Metal HVAC, Food Service, & Architectural Construction Industries**

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## KITCHEN HOOD COLLAR INSTALLATION INSTRUCTIONS

**Refer to KEES KITCHEN HOOD INSTALLATION AND MAINTENANCE MANUAL Form # UL-HI for additional hood installation instructions.**

Field supplied kitchen hood collars should be installed as described below:

### COLLAR INSTALLATION

**The installation of hood collars is to be in accordance with NFPA 96, Standard for Ventilation Control and Fire Protection of Commercial Cooking operations. NFPA 96 has a number of duct and collar construction and installation requirements. Consult NFPA 96 and all applicable local codes before installing collars in the hood.**

Exhaust collar opening(s), unless factory pre-cut, are to be cut into the top or rear of the filter plenum, staying within the boundaries which are factory marked on the hood(s). Exhaust duct and collar sizing should be in accordance with NFPA 96, with a minimum duct velocity of 1500 FPM. Collar(s) normally should be located as close to the center of the hood length as possible. On hood sections exceeding 8' to 10', multiple collars are recommended; also consult local codes for collar spacing and quantity requirements. If the collar(s) has not been shipped loose with the hood(s) it is recommended that a minimum of 16 gauge stainless steel angle, 1" x 1" or larger be used to fabricate the collar(s). Do not overlap the angle at the corners, or a tight fit will not occur where the collar(s) and hood(s) are to be joined. The collar(s) should then be continuously welded around the opening(s).

If hood is an "energy saving" or "tempered air" hood with supply air plenum, supply collar opening(s), unless factory pre-cut, are to be cut into the top of the plenum, staying within the boundaries which are factory marked on the hood(s). Supply duct and collar sizing should be with a maximum duct velocity of 1000 to 1500 FPM. Collar(s) normally should be located as close to the center of the hood length as possible. On hoods sections exceeding 8' to 10', multiple collars are recommended: also consult local codes for collar spacing and quantity requirements. Edges of cut insulation should be covered or sealed as appropriate. Consult NFPA 96 and local codes for supply air fire damper requirements and provide as needed. If the collar(s) has not been shipped loose with the hood(s) it is recommended that a minimum of 16 gauge stainless steel angle, 1" x 1" or larger be used to fabricate the collar(s). Do not overlap the angle at the corners, or a tight fit will not occur where the collar(s) and hood(s) are to be joined. The collar(s) should then be continuously or spot welded around the opening(s).

After installation of all required collars, complete hood installation as described in the KEES KITCHEN HOOD INSTALLATION AND MAINTENANCE MANUAL Form # UL-HI.