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KITCHEN HOOD INSTALLATION AND MAINTENANCE MANUAL

RECEIPT AND INSPECTION

Upon receipt check carefully for any shipping damage to the carton, crate and hood. Verify that all items as listed on the Bill of Lading have been received. Report any damage or shortage to the carrier immediately so that any required claim can be processed.

STORAGE

If the kitchen hood cannot be installed immediately, it is recommended to store it in a finished building or warehouse in a safe place away from traffic routes. If stored outdoors, be sure to protect it from the weather.

INSTALLATION

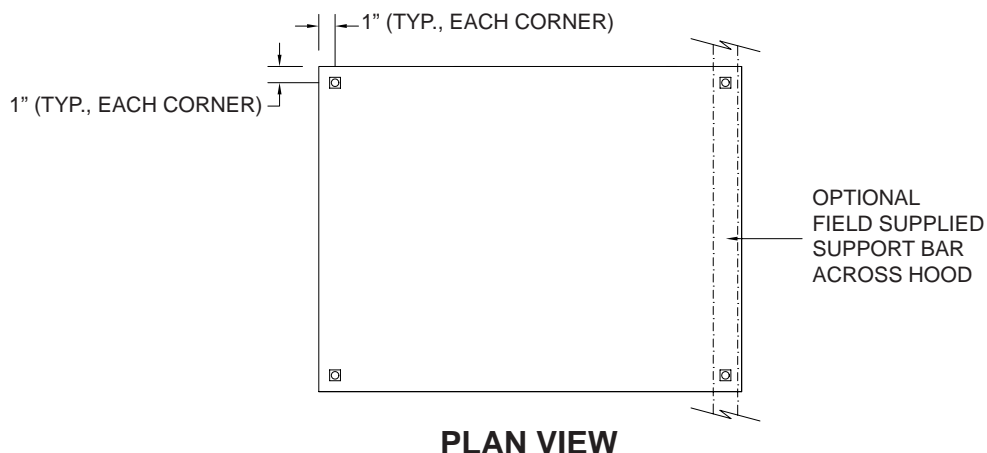
Installation of this kitchen hood must comply with NFPA 96, Standard for Ventilation Control and Fire Protection of Commercial Cooking Operations. Consult this standard and all applicable local codes before installing the hood. Pay particular attention to minimum clearances for "limited-combustibles" and "combustibles".

Remove the carton or crate, but do not remove the protective plastic film until the hood has been installed. Place protective material between the hood and any equipment used to move or support it during installation. This will prevent damage to hood's finish.

The four corners of each hood section contain 1/2" threaded rod hanger nuts. These must be used to hang the hood. Sometimes the support structure above the hood will not allow the threaded rods to be located directly above these hanger nuts.

If this happens, support bars will need to be provided on site. Attach these support bars between the hanger nuts and run the threaded rods through them.

Twelve-foot hood sections require intermediate support and will be provided with two loose support brackets. The mounting location for these brackets is chosen on site.



Connect the hood exhaust collar to the exhaust fan with ductwork constructed, installed, and separated from any “combustible” or “limited combustible” surfaces in accordance with NFPA 96 and all applicable local codes.

If the hood contains a supply plenum, ductwork must be installed to connect the hood supply collar to the supply fan. This must be done in accordance with local codes. Insulate the ductwork and install a control damper, if desired or as required by local codes.

Install a fire suppression system that meets NFPA 96 and all applicable local codes and is listed by Underwriter’s Laboratories.

AIR BALANCE

For satisfactory system performance, the hood fan(s) must be balanced by qualified personnel. Refer to separate KEES Balancing Manual Form # BALM for additional information.

OPTIONAL AIR VOLUME CONTROLLER

The optional air volume controller helps balance the hood by reducing the size of the exhaust opening and thereby reducing the exhaust airflow. This opening is accessible from inside the hood by removing the grease filters. Loosen the four wing nuts that hold it in place, slide it to a new location and tighten the nuts.

When the desired exhaust airflow is established, insert the stainless steel set screw into the pre-drilled hole closest to the inside edge of the exhaust collar. This set screw will be used to locate the correct position of the controller when it is reinstalled after cleaning.

The exhaust air flow must not be reduced below the minimum marked on the hood label.

OPERATION, MAINTENANCE AND CLEANING

Operate, inspect, clean and maintain the hood, duct(s), fan(s) and fire extinguishing system in accordance with NFPA 96, local health and safety codes, and instructions supplied with any of the system components.

Hood filters, all hood surfaces, duct work and fans should be cleaned frequently to prevent excessive grease accumulation.

The fire extinguishing system should be tested periodically as recommended by the manufacturer and in accordance with NFPA 96 and all applicable local codes.

WARRANTY

KEES warrants the hood(s) and all hood components supplied for a period of one-year from date of shipment to be without defects in material and workmanship. Any unit(s) which prove to be defective during the warranty period will be repaired or replaced at KEES option when returned to our factory, freight prepaid. KEES will not be responsible for any removal or installation costs.