

# Vent-A-Fume Vent-A-Kiln Corp.

Custom-Designed Hood and Blower Systems/Variable Height Kiln Exhaust Systems

## Bench Mounted Ventilator (Assembly Instructions)

Note: a) Position of set screws for fittings (6), (7), (8) must be assembled as shown to avoid deflection of stand.  
b) Horizontal support pipe (5) has two holes for J – bolt and 0.25" allen wrench.

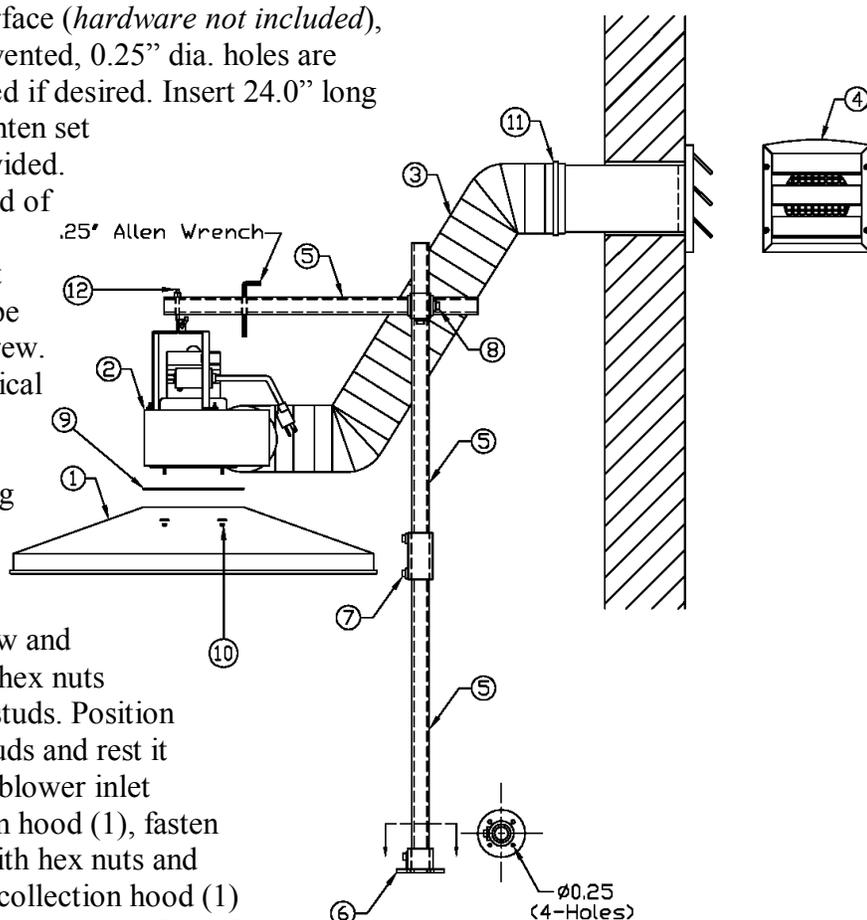
### Assembly:

Fasten flange (6) to work bench surface (*hardware not included*), set screw to face equipment being vented, 0.25" dia. holes are provided, larger holes may be drilled if desired. Insert 24.0" long support pipe (5) into flange (6), tighten set screw with 0.25" allen wrench provided.

Slide coupling (7) half way over end of support pipe (5), set screws to face equipment being vented, tighten set screw. Insert 24.0" long support pipe (5) into coupling (7), tighten set screw.

Slide crossover fitting (8) onto vertical support pipe (5), set screw to face down, tighten set screw and adjust position as needed. Insert 24.0" long horizontal support pipe (5) into crossover fitting (8) (holes in support pipe need to be in vertical position as shown), tighten set screw and adjust position as needed.

Remove hex nuts and washers from (2) blower inlet studs. Position neoprene gasket (9) over blower studs and rest it on top of inlet safety screen. Align blower inlet studs with holes on top of collection hood (1), fasten blower (2) to collection hood (1) with hex nuts and washers. Mounting blower (2) and collection hood (1) assembly to support stand is a **two person** task. Slide J – bolt (12) into hole on blower hanging bracket and remove hex nut. Lift blower and collection hood assembly while a helper guides the J – bolt through end hole in horizontal support pipe (5), fasten with hex nut and adjust as needed to position blower outlet in desired location. Cut discharge hole in wall, for 5.0" diameter hole dimensions square or round not to exceed 5.25", 6.0" diameter duct not to exceed 6.25". Slide tail pipe onto louver (4) (sheet metal screws may be utilized to fasten louver to tail pipe for tighter fit) and fasten louver (4) to outside wall (*hardware not included*). System comes standard with 10 ft. of flexible hose, cut hose to shortest length permissible and install utilizing zip clamps provided. Collection hood clearance should be 2.0" – 4.0" above oven top for side swinging doors and collection hood should have enough clearance for vertical swinging doors.



Any Questions or in need of assistance Please consult Factory

## ***Maintenance Schedule:***

The Following are recommended Once a Month (Unless Noted) -

- 1) Inspect flexible duct for any damage (tears).
- 2) Inspect flexible duct at all collar locations for leaks from loose clamps.
- 3) Inspect fixtures for cracks and tighten loose set screws.
- 4) Inspect blower for unusual vibration and tighten blower squirrel cage set screw as needed.
- 5) Inspect hood and blower connection and tighten hardware as needed.
- 6) Inspect J – bolt and tighten as needed.
- 7) Clean system free of any dust build up on or inside hood, flexible duct and blower (disconnect power).
- 8) Oil motor every six months utilizing SAE 20 non-detergent oil (2-4 drops). Oil port is located at end of motor housing (P-11 blower motor does not require oiling).

\* Vent-A-Fume/Vent-A-Kiln Corporation is not responsible for improper installation, maintenance or unattended equipment \*

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### **Place-A-Vent (Fume Extractors)**



Remove nuisance fumes and smoke at the source

### **(Optional Equipment) Mini Time Controller**



7 day programmable timer  
Automatically starts and stops ventilation system