Model: 1122, 1227, 1332 & 1437 Specifications

The Vent-A-Kiln model 1122, 1227, 1332 & 1437 ventilation systems shall include a conical metal spun aluminum hood tapering to a 5½" diameter exit. A single speed motor with fan (blower) mounted on top the hood, shall draw and propel exhaust fumes and heat via a flexible hose to a exterior surface mounted gravity operated louver. The placement of the hood and blower subassembly shall be user adjustable via an overhead pulley and counterweight system.

1) Conical collection hood:
   - Metal spun from 0.063 gage aluminum, alloy 1100-0.

(B) 2) Non-explosion proof blower
   - 1/20 hp, 1/60/115 motor.
   - 250 cfm @ 0.0" w.g., 1.7 amps, 1550 rpm.
   - Maximum continous motor Temperature 250 deg. f..
   - Sound data; approximate db at 5 feet: high 62db, low 59db.

3) Flexible exhaust hose:
   - Triple ply laminate, aluminized polyester face and an aluminum foil backing.
   - Corrosion, moisture, temperature (250 deg. f.), and flame resistant.
   - 5.0" diameter, 10' (ft.) length.
   - Flexible hose fastened by plastic hose clamps (qty=2).
   - UL listed number 723.
   - Cut to shortest length permissible.

4) Exterior surface mounted louver:
   - 5.0" diameter discharge.
   - Bird screen.
   - Three (3) gravity operated shutters.

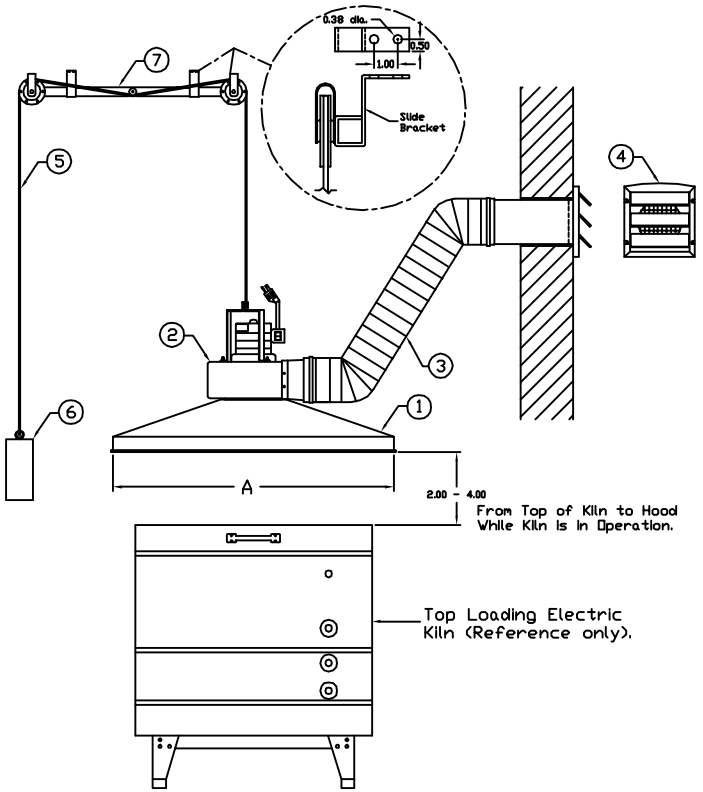
5) 3/16" diameter plastic coated steel cable:
   - 10' (ft.) length.
   - Two (2) 3/16" galvanized steel cable clamps for fastening cable to counterweight and blower.

6) Counterweight:
   - 3.0" diameter cold rolled steel, painted VAF/VAK black.

7) Overhead pulley system:
   - 1.0"x1.0"x24.0" length structural tubing.
   - two (2) ball bearing pulleys and one (1) resistance pulley.
   - Two (2) slide brackets for hanging of system.
   - two (2) pulley saftey straps.

Model	Hood Diameter A (in)	C.W. (lbs)	O.A.W. (lbs)
1122	22.0	11.0	35.0
1227	27.0	11.0	36.0
1332	32.0	14.0	42.0
1437	37.0	16.0	46.0

C.W. - Counter Weight (6)
O.A.W. - Overall Weight



All Dimensions Inches

LETTER	ALTERATION	DATE	BY
A	Replaces DWG: B-1046, B-1047, B-1048 & B-1045	1/19/07	B.Brandon
B	Blower motor had two speed switch and motor	6/11/09	B.Brandon

UNLESS SHOWN OTHERWISE TOLERANCES SHOULD BE:

1.) .XXX	± .005
2.) .XX	± .01
3.) FRACTIONAL DIMENSIONS	± 1/32"
4.) ANGLES	± 0° 30'

ALL INFORMATION CONTAINED HEREIN IS PROPRIETARY, AND MUST NOT BE REPRODUCED OR MADE PUBLIC WITHOUT WRITTEN CONSENT FROM Vent-A-Fume/Vent-A-Kiln Corp.

Vent-A-Fume
Vent-A-Kiln Corp.
51 Botsford Place
Buffalo, N.Y. 14216

Positive Pressure

PROJECT NUMBER	XXX
DRAWN BY	B. Brandon
DATE	1/19/07
CHECKED BY	
SCALE	NTS
BILL OF MAT'L	
NEXT ASS'Y	

TITLE: Model: 1122, 1227, 1332 & 1437 (P-11 Blower)

DWG. NO. B-1209

REV. B