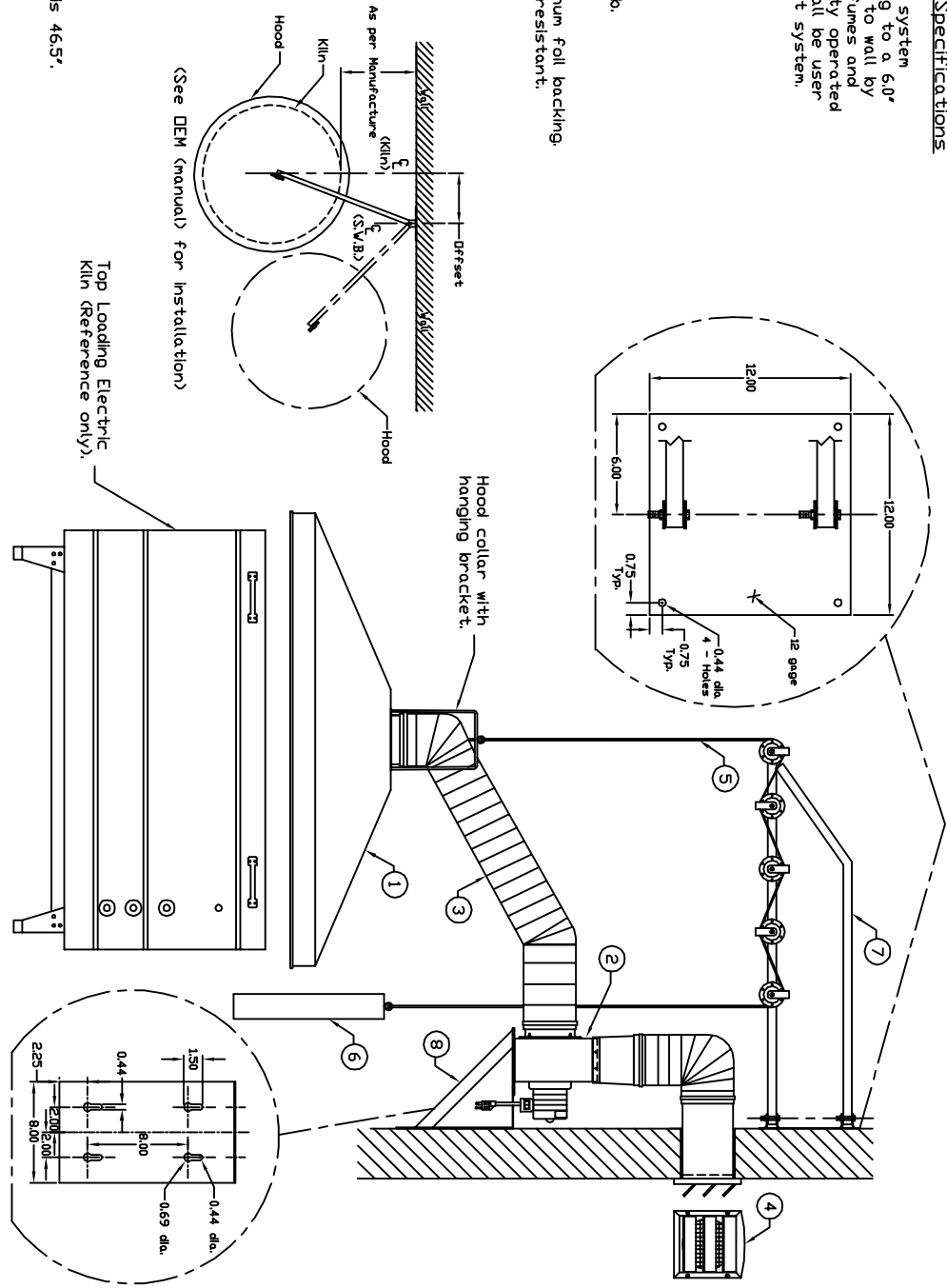


**Model: 1654-Swinging Wall Bracket Negative Pressure Specifications**

The Vent-A-Kiln model 1654-SWB negative pressure ventilation system shall include a 54.0" diameter metal spun aluminum hood tapering to a 6.0" diameter exit. A single speed motor with fan (blower) mounted to wall by means of a support bracket, 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 a swinging wall bracket pulley and counterweight system.

- 1) Conical collection hood:
  - 54.0" diameter, 0.063 gage aluminum, alloy 1100-0.
- 2) Non-explosion proof blower
  - 1/2 hp, 1/60/115 motor.
  - 450 cfm @ 0.0" W.G., 3.6 amps, 1600 rpm.
  - Maximum continuous motor Temperature 250 deg. f.
  - Sound data: approximate db at 5 feet: high 88db, low 54db.
- 3) Flexible exhaust hose:
  - Triple ply laminate, aluminumized polyester face and an aluminum foil backing
  - Corrosion, moisture, temperature (250 deg. f.), and flame resistant.
  - 6.0" 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:
  - 6.0" diameter discharge.
  - Blind screen.
  - Three (3) gravity operated shutters.
- 5) 3/8" diameter plastic coated steel cable:
  - 10' (ft.) length.
  - Two (2) 3/8" galvanized steel cable clamps for fastening cable to counterweight and blower.
- 6) Counterweight:
  - 3.0" diameter cold rolled steel,
  - painted VAF/VAK black.
  - weight = 28.0 lbs.
- 7) Swing wall bracket with pulley system:
  - Continuous friction hinge design
  - 1.0"x1.0"x45.0" length structural tubing.
  - two (5) ball bearing pulleys and one (1) resistance pulley.
  - two (5) pulley safety straps.
  - wall to center of hood when SWB is perpendicular to wall is 46.5".
- 8) Blower wall support bracket:
  - 12 gage steel.
  - Painted VAF/VAK black



LETTER	ALTERATION	DATE	BY
A	Blower motor had two speeds	6/12/09	BBrandon

UNLESS SHOWN OTHERWISE TOLERANCES SHOULD BE:		± .005
1) XXX		± .01
2) XX		± 1/32"
3) FRACTIONAL DIMENSIONS		± 0.30
4) ANGLES		
ALL INFORMATION CONTAINED HEREIN IS PROPRIETARY AND MUST NOT BE REPRODUCED OR MADE PUBLIC WITHOUT WRITTEN CONSENT FROM Vent-A-Kiln Corp.		
PROJECT NUMBER XXX		DRAWN BY Brandon
DATE 4/10/07		CHECKED BY
SCALE NTS		BILL OF MATL
TITLE: Model: 1654-NP-SWB (P-10BP Blower)		DWG. NO. B-1219
Negative Pressure		REV. A