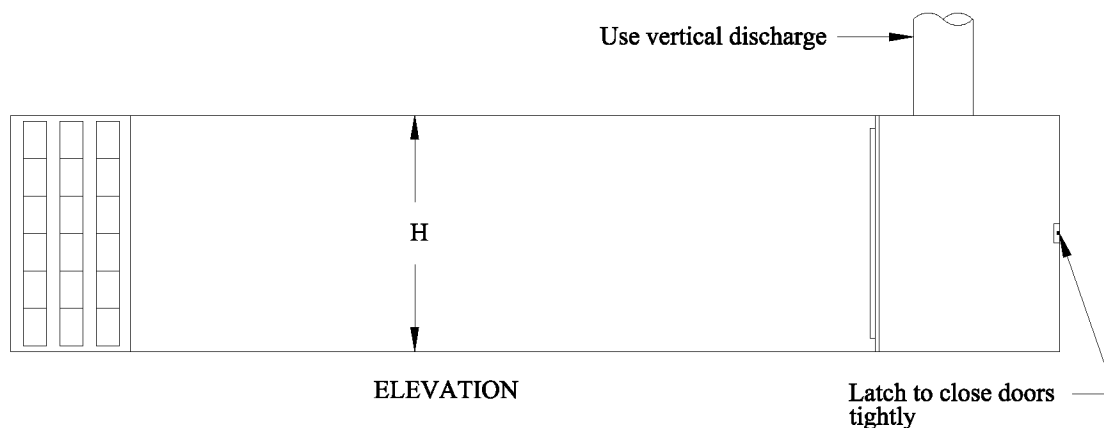


PLAN VIEW



ELEVATION

$Q = 100 \text{ cfm/ft}^2$ of cross sectional area
 (When $W \times H$ is greater than 150 ft^2 , $Q = 50 \text{ cfm/ft}^2$)
 $h_e = 0.50 V P_d$ plus resistance of each filter bank when dirty
 Minimum duct velocity = 2000 fpm

Notes:

1. Exhaust fan interlock with make-up air and compressed air to spray gun is desirable.
2. Paint arresting filters usually selected for 100-500 fpm. Consult manufacturer for specific details.
3. For construction and safety, consult NFPA, Reference 10.75.1.
4. For airless electrostatic or HVLP spray painting use $Q = 60 \text{ cfm/ft}^2$ of cross section area.
5. Operators must wear appropriate NIOSH certified respirator.



TITLE

LARGE DRIVE-THROUGH
 SPRAY PAINT BOOTH

FIGURE

VS-75-04

DATE

1-91