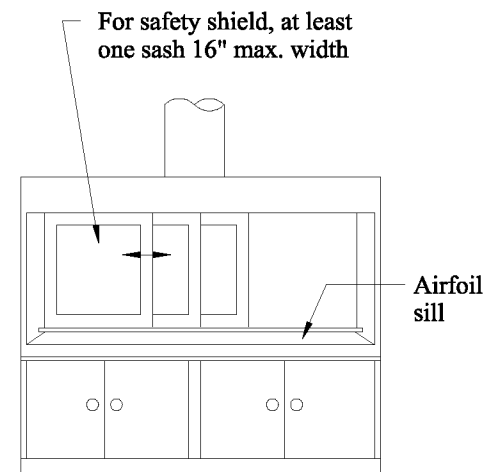


VERTICAL SASH AIRFOIL HOOD



HORIZONTAL SASH AIRFOIL HOOD

$Q = 80-100 \text{ cfm/ft}^2$ full open area depending on quality of supply air distribution and uniformity of face velocity

$$h_e = 0.5 V P_d$$

Duct velocity = 1000-2000 fpm to suit conditions

Design specifications:

General use laboratory hoods-See VS-35-02

Perchloric acid -See VS-35-03

"Auxiliary Air" or "Compensating" hoods furnish some replacement air at hood face, design varies with vendor.

Work practices - See VS-35-04



TITLE

TYPICAL
LABORATORY HOOD

FIGURE

VS-35-01

DATE

02-91