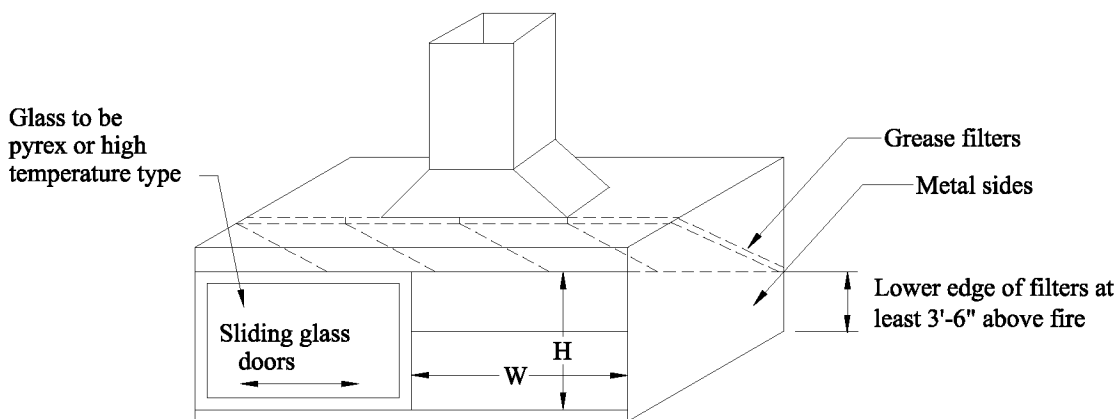


CHARCOAL BROILER

$Q = 100 LH$   
 Minimum duct velocity = 1000 - 3000 fpm  
 $h_e = (\text{filter resistance} + 0.1'') + 0.50 \text{ VP (straight take off)}$   
 $h_e = (\text{filter resistance} + 0.1'') + 0.25 \text{ VP (tapered take off)}$



BARBEQUE PITS

Notes: 1. If hood is more than 12 feet long use multiple takeoffs 6 feet on center.  
 2. See VS-30-11 for information about filters and fans for range hoods.

$Q = 100 WH$  (maximum open door area,  $\text{ft}^2$ )  
 Minimum duct velocity = 1000 - 3000 fpm  
 $h_e = (\text{filter resistance} + 0.1'') + 0.50 \text{ VP (straight take off)}$   
 $h_e = (\text{filter resistance} + 0.1'') + 0.25 \text{ VP (tapered take off)}$



TITLE

CHARCOAL BROILER  
 AND BARBEQUE  
 PIT VENTILATION

FIGURE

VS-30-12

DATE

10-90