

HOOD AGAINST WALL

$Q = 80 \text{ cfm/ft}^2$  of hood area (80 WL)

Not less than  $50 \text{ cfm/ft}^2$  of face area (50 PH)

$P = \text{perimeter of hood} = 2W + L$

Duct velocity = 1000 - 4000 fpm, to suit conditions

$h_e = (\text{filter resistance} + 0.1'') + 0.50 VP_d$  (straight take off)

$h_e = (\text{filter resistance} + 0.1'') + 0.25 VP_d$  (tapered take off)

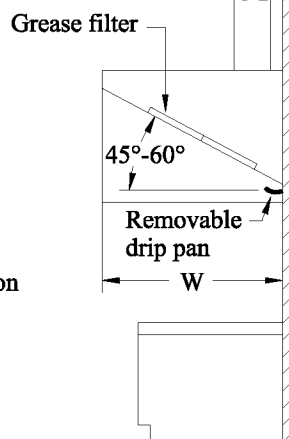
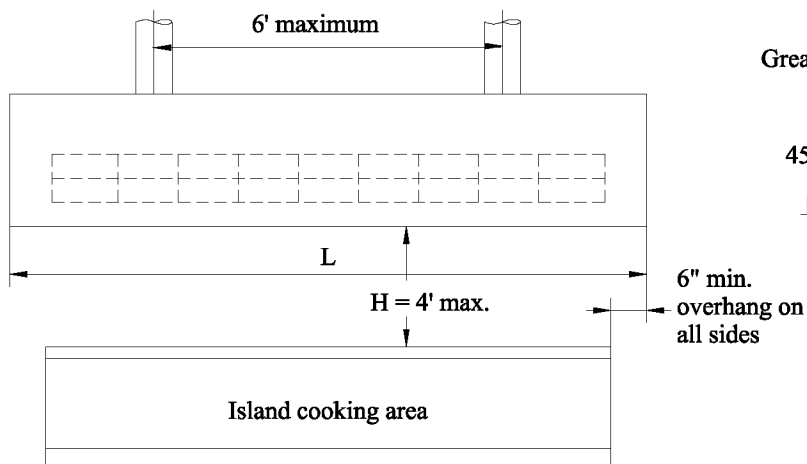


FIGURE VS-30-10



ISLAND TYPE HOOD

$Q = 125 \text{ cfm/ft}^2$  of hood area (125 WL)

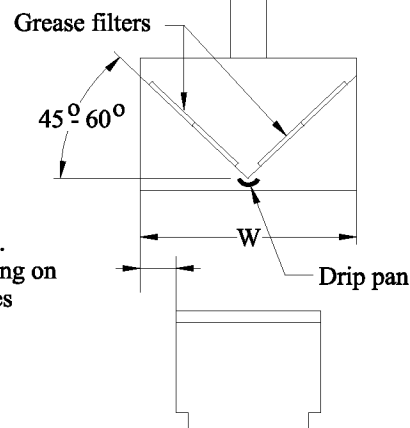
Not less than  $50 \text{ cfm/ft}^2$  of face area (50 PH)

Minimum duct velocity = 1000 - 4000 fpm, to suit conditions

$h_e = (\text{filter resistance} + 0.1'') + 0.50 VP_d$  (straight take off)

$h_e = (\text{filter resistance} + 0.1'') + 0.25 VP_d$  (tapered take off)

Note: See VS-30-11 for information about filters and fans for range hoods.



$P = \text{perimeter of hood} = 2W + 2L$



TITLE

KITCHEN RANGE HOODS

FIGURE

VS-30-10

DATE

10-90