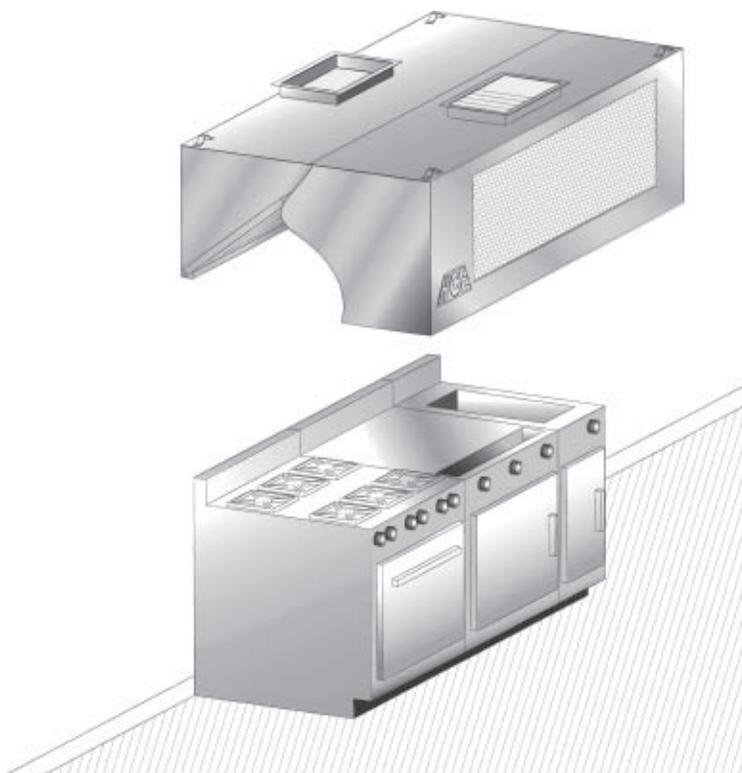


Model **HAI-MKA**

**Filter hood  
 with frontal  
 make-up air**

**C**



**Suggested model**

- **Restaurant chains**  
 (hospitals, schools, hotels, etc.)

**Description :**

HCE wall-type exhaust hood model HAI-MKA complete with baffle filters.

**Specifications:**

- Constructed of sturdy 18-gauge (1.2 mm) stainless steel
- Available in lengths of 3' 0" to 16' 0" (914 mm to 4,877 mm)
- Washable baffle filters
- Replacement tempered air distributed at front of hood
- Improves productivity by ensuring efficiency, performance and comfort for the kitchen staff
- Easy installation
- Listed 
- Many options available (see reverse)
- Quick delivery

**Construction :**

Exposed hood surface: type 430 stainless steel (304 optional) with #4 finish (brushed). Non-exposed hood surface: stainless steel with #2B finish. Minimum 18-gauge (1.2 mm) thickness. All visible welded joints are polished to match original finish. To meet NFPA- 96 requirements.

**Installation :**

Suspension (recommended height)

The hood should be installed 6' 6" (1,981 mm) from the floor. Hanging brackets are welded at all four corners.

Semi-combustible materials

A clearance of 3" (76 mm) is required when the hood is in contact with semi-combustible materials. As per NFPA-96 standards, a stainless steel spacer will be required.

**Enclosure panels (optional):**

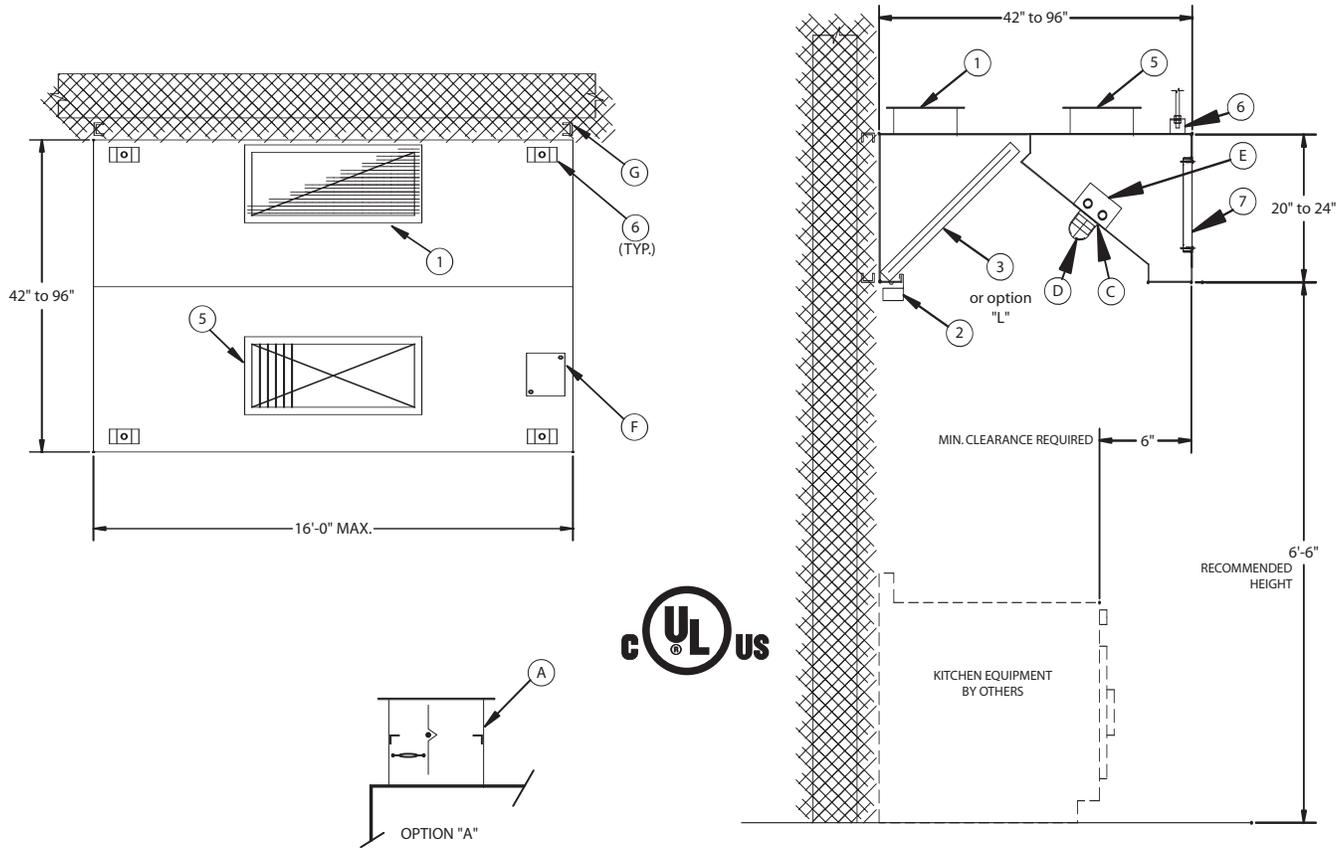
The space between the top of the hood and the ceiling may be closed with stainless steel panels in the same finish as the hood.

**Electrical:**

Junction box and pre-wiring for lighting system may be factory installed if required.

## C

### Filter hood with frontal make-up air



#### Optional accessories: (see section "K" for details)

|          |   |
|----------|---|
| <b>A</b> | ULC-listed exhaust collar with fire damper  |
| <b>B</b> | ULC-listed exhaust collar with balancing damper   |
| <b>C</b> | Incandescent lights (Quantity recommended: (1) light per 5 linear feet of hood)           |
| <b>D</b> | Wire guard for incandescent lights  |
| <b>E</b> | 36" or 48" fluorescent lights (Quantity recommended: (1) light per 8 linear feet of hood) |
| <b>F</b> | Junction box and pre-wiring for lighting  |
| <b>G</b> | 3" spacer for clearance to meet NFPA- 96 requirements                                     |
| <b>H</b> | Enclosure panels, stainless steel with #4 finish, between hood and ceiling                |
| <b>I</b> | PAC-02 programmable control panel   |
| <b>J</b> | End skirts should be used to maximize hood performance                                    |
| <b>L</b> | ULC-listed stainless steel baffle filters   |

#### Accessories included:

|          |  |
|----------|--|
| <b>1</b> | Exhaust collar (3" high)                   |
| <b>2</b> | Used grease receptacle                     |
| <b>3</b> | ULC-listed galvanized steel baffle filters |
| <b>5</b> | Supply collar with ULC-listed fire damper  |
| <b>6</b> | Hanging brackets                           |
| <b>7</b> | Stainless steel supply grid                |



# Model HAI-MKA



## Filter hood with frontal make-up air

| Length |      | 260 CFM (125 L/S) / Linear Ft. * |      |  |         |        |      |  |         |
|--------|------|----------------------------------|------|--|---------|--------|------|--|---------|
|        |      | Exhaust                          |      | Collar/Opening<br>10" (254 mm) x _____ |         | Supply |      | Collar/Opening<br>12" (305 mm) x _____ |         |
| Feet   | mm   | CFM                              | L/S  | Inches                                 | mm      | CFM    | L/S  | Inches                                 | mm      |
| 3'-6"  | 1068 | 910                              | 430  | 10                                     | 254     | 700    | 330  | 12                                     | 305     |
| 4'-0"  | 1220 | 1040                             | 490  | 12                                     | 305     | 800    | 380  | 12                                     | 305     |
| 4'-6"  | 1372 | 1170                             | 550  | 12                                     | 305     | 900    | 425  | 14                                     | 356     |
| 5'-0"  | 1524 | 1300                             | 615  | 14                                     | 355     | 950    | 450  | 14                                     | 356     |
| 5'-6"  | 1676 | 1430                             | 675  | 16                                     | 405     | 1050   | 500  | 16                                     | 406     |
| 6'-0"  | 1828 | 1560                             | 735  | 16                                     | 405     | 1150   | 545  | 16                                     | 406     |
| 6'-6"  | 1981 | 1690                             | 800  | 18                                     | 457     | 1200   | 570  | 18                                     | 457     |
| 7'-0"  | 2134 | 1820                             | 860  | 20                                     | 508     | 1400   | 660  | 20                                     | 508     |
| 7'-6"  | 2286 | 1950                             | 920  | 22                                     | 558     | 1500   | 710  | 22                                     | 559     |
| 8'-0"  | 2438 | 2080                             | 980  | 24                                     | 610     | 1600   | 755  | 22                                     | 559     |
| 8'-6"  | 2590 | 2210                             | 1045 | 24                                     | 610     | 1700   | 800  | 24                                     | 610     |
| 9'-0"  | 2743 | 2340                             | 1105 | 26                                     | 660     | 1800   | 850  | 24                                     | 610     |
| 9'-6"  | 2895 | 2470                             | 1165 | 28                                     | 711     | 1950   | 920  | 26                                     | 660     |
| 10'-0" | 3048 | 2600                             | 1230 | 28                                     | 711     | 2000   | 945  | 28                                     | 711     |
| 10'-6" | 3200 | 2730                             | 1290 | 30                                     | 762     | 2150   | 1015 | (2) 16                                 | (2) 406 |
| 11'-0" | 3352 | 2860                             | 1350 | 32                                     | 812     | 2300   | 1085 | (2) 16                                 | (2) 406 |
| 11'-6" | 3505 | 2960                             | 1410 | (2) 16                                 | (2) 405 | 2400   | 1130 | (2) 18                                 | (2) 457 |
| 12'-0" | 3657 | 3120                             | 1470 | (2) 18                                 | (2) 457 | 2500   | 1180 | (2) 18                                 | (2) 457 |
| 12'-6" | 3810 | 3250                             | 1535 | (2) 18                                 | (2) 457 | 2600   | 1225 | (2) 18                                 | (2) 457 |
| 13'-0" | 3962 | 3380                             | 1595 | (2) 18                                 | (2) 457 | 2700   | 1275 | (2) 20                                 | (2) 508 |
| 13'-6" | 4115 | 3510                             | 1635 | (2) 20                                 | (2) 508 | 2800   | 1320 | (2) 20                                 | (2) 508 |
| 14'-0" | 4267 | 3640                             | 1720 | (2) 20                                 | (2) 508 | 2950   | 1390 | (2) 20                                 | (2) 508 |
| 14'-6" | 4420 | 3770                             | 1780 | (2) 20                                 | (2) 508 | 3050   | 1440 | (2) 22                                 | (2) 559 |
| 15'-0" | 4572 | 3900                             | 1840 | (2) 22                                 | (2) 558 | 3150   | 1485 | (2) 22                                 | (2) 559 |
| 15'-6" | 4724 | 4030                             | 1900 | (2) 22                                 | (2) 558 | 3260   | 1540 | (2) 24                                 | (2) 610 |
| 16'-0" | 4877 | 4160                             | 1965 | (2) 24                                 | (2) 610 | 3360   | 1585 | (2) 24                                 | (2) 610 |

\* Exhaust for 42" (1,065 mm) and 48" (1,220 mm)-deep hoods. Contact us for assistance to determine the appropriate air volume.



|                | Exhaust VOLUME (CFM /Lin. Ft.) | Internal pressure loss (IN / H <sub>2</sub> O) | Exhaust VOLUME (L/S per linear metre) | Internal pressure loss (Pa) |
|----------------|--------------------------------|--|---------------------------------------|-----------------------------|
| Light cooking  | 175                            | 0,30   | 270                                   | 75                          |
| Medium cooking | 260                            | 0,40   | 400                                   | 100                         |
| Heavy cooking  | 350                            | 0,60   | 540                                   | 150                         |