

# Air King<sup>®</sup>

## Ventilation Products

# SPECIFICATIONS

## VH SERIES

### RANGE HOODS

**380 CFM/8.0 Sones (High) - 100 CFM/1.5 Sones (Low) @ 0.10" WG. Horizontal Ducting**  
**300 CFM/8.5 Sones (High) - 100 CFM/2.0 Sones (Low) @ 0.10" WG. Vertical Ducting**  
**120 Volts, 2.5 amps, 60hz**

#### • Dimensions

Overall hood projection - 20 1/2"  
 Height - 4 1/2", Available widths: 30" & 36"

#### • Hood Body

24 gauge cold rolled steel, coated with a baked enamel finish or 24 gauge #4 - 430 stainless steel & 24 gauge galvanized steel. Decorative polymeric side panels PC/ABS. Durable non-stick coated 24 gauge bottom cover.

#### • Motor

Fully enclosed 4 pole, electronically balanced permanently split capacitor (PSC) external rotor motor. Thermally protected, and lifetime lubricated. Motor bearings - Ball. Rated 120 Volts, 2.5 amps.

#### • Lighting

Two fully enclosed 100 watt max. type A19 bulbs (bulbs not included). Easy to remove polycarbonate lens.

#### • Ducting Options

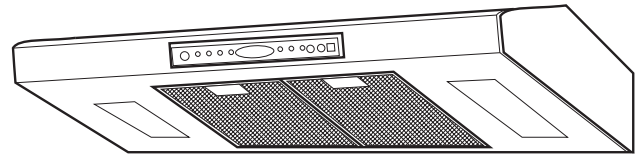
Horizontal ducting: 3 1/4"x10" (duct adapter and damper included).  
 Vertical ducting: 3 1/4"x10" (duct adapter and damper included).  
 Ductless: requires additional kit (not included).

#### • Blower Wheel

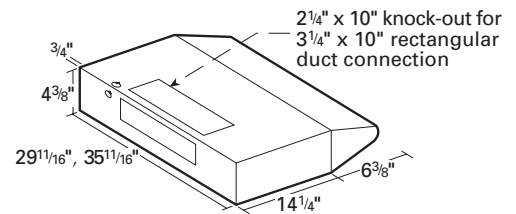
Balanced polymeric blower wheel, 8 1/2" diameter, 2 1/4" height, 60 paddles, clockwise rotation. Dishwasher safe material. Removable design for easy cleaning, secured in place using spring retaining ring and air directing venturi ring.

#### • Electrical connection

Hood top - 7/8" electrical knockout.  
 Hood back - 7/8" electrical knockout.



## VH SERIES



#### • Filters

UL rated, class 2 filter.  
 Grease Filter: 30" models - GF-04, 36" models GF-05 (included).  
 Charcoal Filter: 30" models - CF-04, 36" models GF-05 (not included).

#### • Electronic Controls

Motor speed control - 4 speed selections with indicating lights  
 Lighting control - 3 light intensities  
 Delay off function - 10 minute motor delay off control with indicating light and reset button  
 Check filter button - 70 hrs. of hood operation activates indicating light, complete with reset button

#### • Available Finishes

White, Biscuit, Almond, Black & Stainless Steel.

### PERFORMANCE

| Air Flow - CFM                  | Static Pressure (inches of w.g.) |     |       |      |     |      |       |     | HVI Sones @ .1 SP | Fan Speed RPM | Power Watts |
|---------------------------------|----------------------------------|-----|-------|------|-----|------|-------|-----|-------------------|---------------|-------------|
|                                 | 0                                | 0.1 | 0.125 | 0.15 | 0.2 | 0.25 | 0.375 | 0.5 |                   |               |             |
| Horizontal Ducting (High Speed) | 391                              | 380 | 377   | 374  | 368 | 362  | 347   | 330 | 8.0               | 1408          | 233         |
| Horizontal Ducting (Low Speed)  | 114                              | 100 | 96    | 93   | 86  | 80   | 66    | 45  | 1.5               | 626           | 59          |
| Vertical Ducting (High Speed)   | 313                              | 300 | 297   | 294  | 288 | 281  | 266   | 249 | 8.5               | 1512          | 212         |
| Vertical Ducting (Low Speed)    | 115                              | 100 | 97    | 94   | 88  | 82   | 67    | 49  | 2.0               | 694           | 58          |

| PROJECT    |              |     |         |     |       | ARCHITECT    |       |     |                              |      |  |
|------------|--------------|-----|---------|-----|-------|--------------|-------|-----|------------------------------|------|--|
| LOCATION   |              |     |         |     |       | ENGINEER     |       |     |                              |      |  |
| CONTRACTOR |              |     |         |     |       | SUBMITTED BY |       |     |                              | DATE |  |
| FAN NUMBER | MODEL NUMBER | CFM | IN W.G. | RPM | WATTS | AMPS         | SONES | QTY | OPTIONAL EQUIPMENT & REMARKS |      |  |
|            |              |     |         |     |       |              |       |     |                              |      |  |



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