

Air-King[®]

Ventilation Products

SPECIFICATIONS

AV SERIES

RANGE HOODS

180 CFM/7.0 Sones @ 0.10" WG. Horizontal,
180 CFM/7.5 Sones @ 0.10" WG. Vertical, 120 Volts, 2.1 amps, 60hz

• Dimensions

Overall bottom projection - 183/8"
 Overall top projection -12"
 Height - 6". Available widths: 21", 24", 30", 36" & 42"

• Hood Body

23 gauge cold rolled steel, auto welded, coated with a baked enamel finish.

• Motor

2 speed, single coil, thermally protected, permanently lubricated. Rated 120 volts, 60 hz., 2.1 amps. Complete with 200°C lead wires.

• Lighting

Single 75 watt cook light capacity (bulb not included).

• Ducting Options

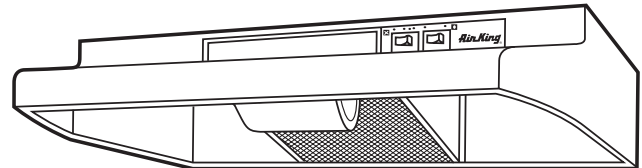
Horizontal ducting: 3 1/4"x10" (duct adapter and damper included).
 Vertical ducting: 3 1/4"x10" (duct adapter and damper included).
 Vertical ducting: 7" round (duct adapter and damper not included).
 Ductless: removable front vent (charcoal filter not included).

• Fan Blade

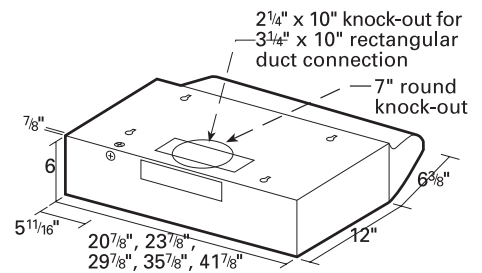
One piece polymeric, electronically balanced blade. 6 5/8" diameter with 5 paddles.

• Electrical connection

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



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• Filters

UL rated, class 2 filter.
 Grease Filter: RF35 - 8 7/8"x10 3/8" (included).
 Charcoal Filter: RF34 (not included).
 Combo Grease/Charcoal: RF55 (not included).

• Available Finishes

White, Biscuit, Almond, Black & Stainless Steel.

| HVI PERFORMANCE - VERTICAL DUCTING | | | | | | | | | |
|------------------------------------|------|------|------|------|------|------|------|------|------|
| Static Pressure (inches of w.g.) | 0 | 0.05 | 0.1 | 0.15 | 0.2 | 0.25 | 0.3 | 0.35 | 0.4 |
| CFM | 246 | 232 | 218 | 203 | 181 | 147 | 125 | 99 | 70 |
| RPM | 3056 | 3010 | 2973 | 3007 | 2939 | 2744 | 2536 | 2283 | 2107 |
| WATTS | 87 | 87 | 87 | 87 | 86 | 86 | 86 | 86 | 86 |

| HVI PERFORMANCE - HORIZONTAL DUCTING | | | | | | | | | |
|--------------------------------------|------|------|------|------|------|------|------|------|------|
| Static Pressure (inches of w.g.) | 0 | 0.05 | 0.1 | 0.15 | 0.2 | 0.25 | 0.3 | 0.35 | 0.4 |
| CFM | 225 | 210 | 180 | 175 | 155 | 120 | 110 | 78 | 55 |
| RPM | 3082 | 3045 | 3024 | 3043 | 3035 | 2933 | 2849 | 2438 | 2014 |
| WATTS | 87 | 87 | 87 | 87 | 86 | 86 | 86 | 86 | 86 |

Air-King range hoods are tested by the Air Movement and Control Association (AMCA) in accordance with HVI test standard 916, (Air Flow Test Standard) and HVI test standard 915 (Procedure For Loudness Rating Of Residential Fan Products). The Performance results are certified and verified by the Home Ventilating Institute (HVI).

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



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