

AprilAire®

Ventilation

SPECIFICATION SHEET

Models 6508KV & 6510KV

Kitchen Ventilation Kit

FEATURES

- 2-wire connection on damper (see wiring diagram on back)
- Model 50 Current Sensing Relay monitors when the range hood's fan is running without the need to disconnect its wiring

Kit comes with:

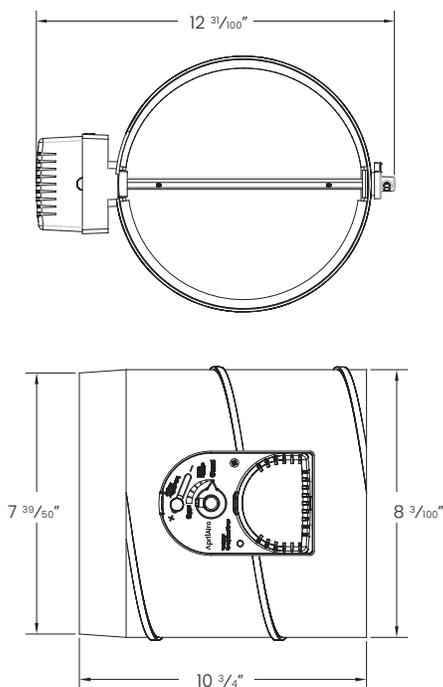
- Normally Closed/Power Open Damper
 - 6508KV – 8" round
 - 6510KV – 10" round
- 24VAC, 10VA transformer
- Model 50 Current Sensing Relay



The AprilAire 6508KV; 6510KV Kitchen Ventilation Kit is designed to locally provide make-up air to areas when high-CFM range hoods (typically near 400 CFM or above) are in use to prevent home depressurization and its consequences. When the range hood's fan is operating, a normally closed damper – 8" or 10" rounds – is powered open to allow make-up air to be drawn into the home. When the hood's fan is off, the damper is closed, preventing air from entering the home. The vent kit can also be tied into a HVAC system.

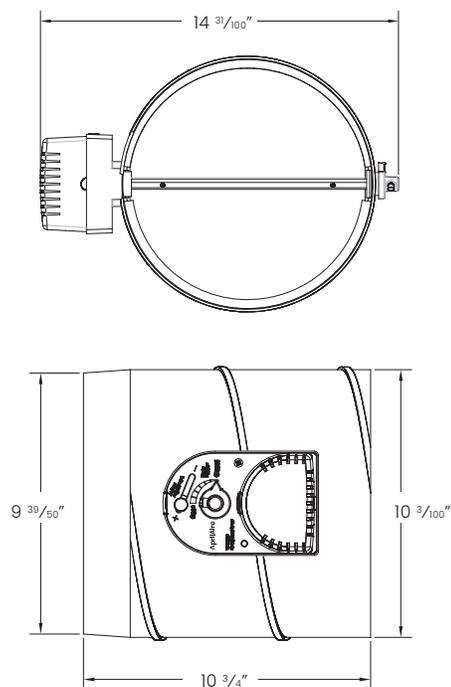
DIMENSIONS

6508KV – 8" ROUND



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6510KV – 10" ROUND

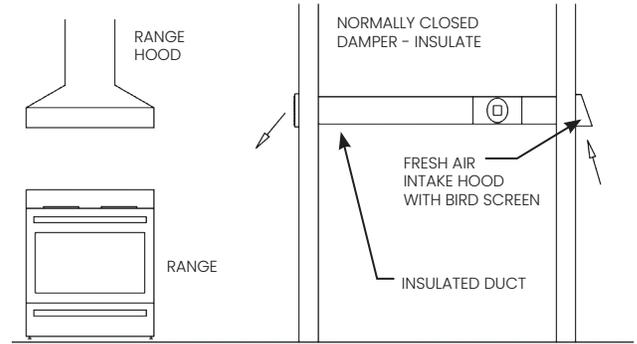


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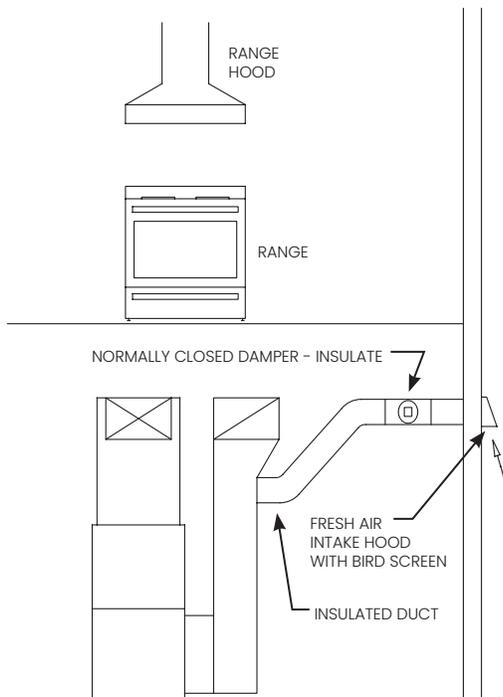
TYPICAL AIRFLOW THROUGH MAKE-UP AIR DUCT

| Available Negative Pressure | | Make Up Airflow (CFM) | |
|-----------------------------|------|-----------------------|--------------|
| "wc. | Pa | 6508KV (8") | 6510KV (10") |
| -0.02 | -5 | 55 | 115 |
| -0.04 | -10 | 75 | 160 |
| -0.06 | -15 | 95 | 195 |
| -0.08 | -20 | 110 | 235 |
| -0.10 | -25 | 125 | 265 |
| -0.20 | -50 | 185 | 390 |
| -0.30 | -75 | 225 | 490 |
| -0.40 | -100 | 260 | 565 |
| -0.50 | -125 | 295 | 640 |
| -0.60 | -150 | 320 | 705 |

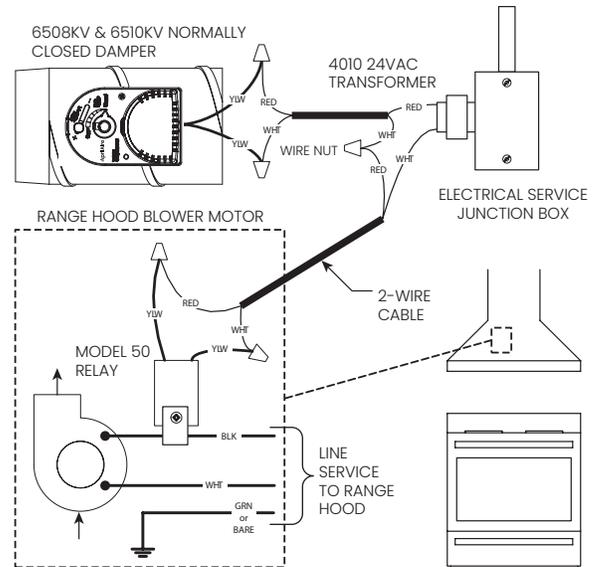
DIRECT DUCTING



DUCTING TO HVAC SYSTEM



SYSTEM WIRING



NOTE: THE MODEL 50 RELAY CANNOT BE USED WITH A DC MOTOR