

# SOLUTIONS

BEST® KITCHEN VENTILATION SOLUTIONS FOR DISTRIBUTORS, DEALERS AND DESIGNERS

## A BEST® Solution to an Industry Problem

### BEST Range Hoods and Automatic Make-Up Air Dampers First to Meet Updated Interlocking IRC Provision

Did you know that BEST® is currently the only known high-end brand offering a solution to meet the new International Residential Code (IRC) provision concerning make-up air? BEST is the exclusive provider of three series of BEST range hoods capable of interlocking with an Automatic Make-Up Air Damper.

#### The New IRC Code

Updated from the 2006 IRC, the 2009 IRC provision M1503.4 mandates that all range hoods capable of exhausting in excess of 400 CFM must be interlocked to operate a make-up air damper. The IRC language has been adopted in some form by all 50 states and Washington, D.C. and provides regulations for one- and two-family homes.

#### An Industry-exclusive Solution

BEST is the only known high-end brand on the market offering a UL certified product solution packaged to meet the 2009 IRC provision. With the Automatic Make-Up Air Dampers' interlocking capabilities, BEST can provide customers with a practical solution in some of its most popular range hood styles that will save them the hassle of worrying if their



*The IP29 island hood is part of the BEST range hood series which can be used in combination with the Automatic Make-Up Air Damper, increasing a home's indoor air quality and energy efficiency.*

range hoods are IRC compliant while also providing healthier indoor air quality inside the home and optimized range hood performance.

Without this convenient all-in-one choice for meeting the IRC code, builders, contractors, remodelers, designers and cabinet installers would need to install two separate products that require separate wall switches for the damper and hood. Building code officials can rest easy and save time knowing that a single option exists for meeting the new code provision.

“At BEST, we were aware of the new IRC provision regarding make-up air and realized an immediate industry need for range hoods capable of interlocking with a make-up air damper to comply with the code,” says Brian Wellnitz, marketing manager, kitchen ventilation, BEST. “Not only does installing a BEST range hood/Automatic Make-Up Air Damper combination improve a home's indoor air quality and energy efficiency, now it can save our customers the time and hassle of worrying if they will meet the latest code requirements or retrofitting a cumbersome field-applied solution.”

**The Need for Make-up Air**

Make-up air is important to a home because it ensures that fresh air enters the home in a controlled, safe manner while simultaneously providing optimum airflow for the range hood. In today's increasingly weatherized homes, natural ventilation is drastically limited and fresh air is not able to flow in and out of the home freely, causing the potential that air can be drawn in from inappropriate locations and starving the range hood for air. This leads to pollutants building up quickly in the home when cooking. The Automatic Make-Up Air Damper solves this by operating only when necessary, helping to let fresh air into the home in a controlled, safe way while conserving energy costs.

**Added Energy Savings**

When the range hood or fan is turned on, the damper opens and lets fresh air into the home. When turned off, the damper tightly closes and prevents unwanted air from entering the home during heating and cooling cycles, providing synchronized operation for complete and effective ventilation. The damper helps prevent homeowners from superfluous and expensive energy usage and helps to equalize air intake and exhaust, establishing the ideal balance in air pressure levels for proper ventilation function and increased energy savings.



*The BEST CP4 hood insert is part of the BEST range hood series that are IRC-capable when used in conjunction with the Automatic Make-Up Air Damper.*

BEST range hood series that are capable of meeting the code when used in conjunction with the Automatic Make-Up Air Damper include the BEST WT32 chimney hood, the BEST CP4 hood insert and the IP29 island hood.

To learn more about this innovative solution from BEST, please contact your local BEST distributor or BEST sales representative.



*The Automatic Make-Up Air Damper operates only when necessary, helping to let fresh air into the home while controlling energy costs.*



*The BEST WT32 chimney hood is part of the BEST range hood series capable of interlocking with the Automatic Make-Up Air Damper.*



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is a quarterly communication from BEST® featuring discussions about timely kitchen ventilation challenges and providing innovative BEST solutions.

Please forward any comments to:

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