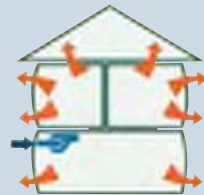


## Causes of Unbalanced Air Pressure

Supply ventilation systems push air into the home causing positive pressure. Conversely, when ventilation fans and range hood fans exhaust stale/polluted indoor air to the outside, negative air pressure develops unless the exhausted air is replaced by fresh outdoor air.

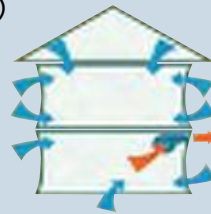
### Effects of Positive Air Pressure (supply systems)

- Forces warm/humid air into wall cavities, resulting in potential mold/mildew and structural issues
- Unconditioned and typically uncontrolled air is **pushed** into the home, resulting in increased energy costs



### Effects of Negative Air Pressure (exhaust systems)

- Exhaust fans unable to work at full, rated capacity
- Unconditioned and typically uncontrolled air is pulled into the home, resulting in increased energy costs
- Draws hot/humid air inside, causing mold/mildew and structural damage



The Broan Make-Up Air Damper used in conjunction with Broan SmartSense® and select BEST® range hoods ensures proper ventilation in the home by effectively balancing indoor air pressure only when air is being exhausted.

### Optimal Balanced Air Pressure

- Air intake and exhaust are equalized
- Ventilation devices function properly
- Helps maintain the home's integrity
- Enhances energy efficiency

