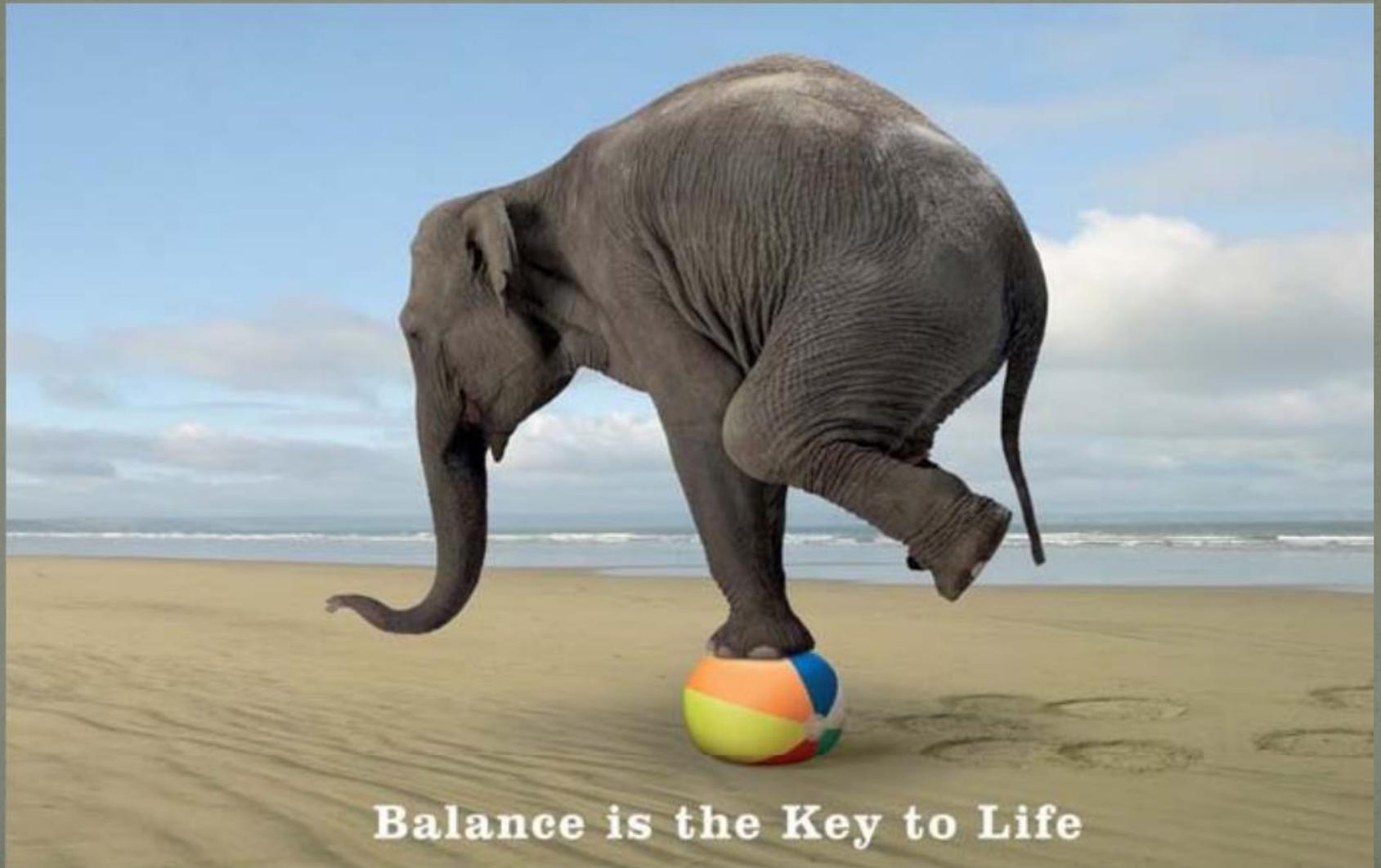
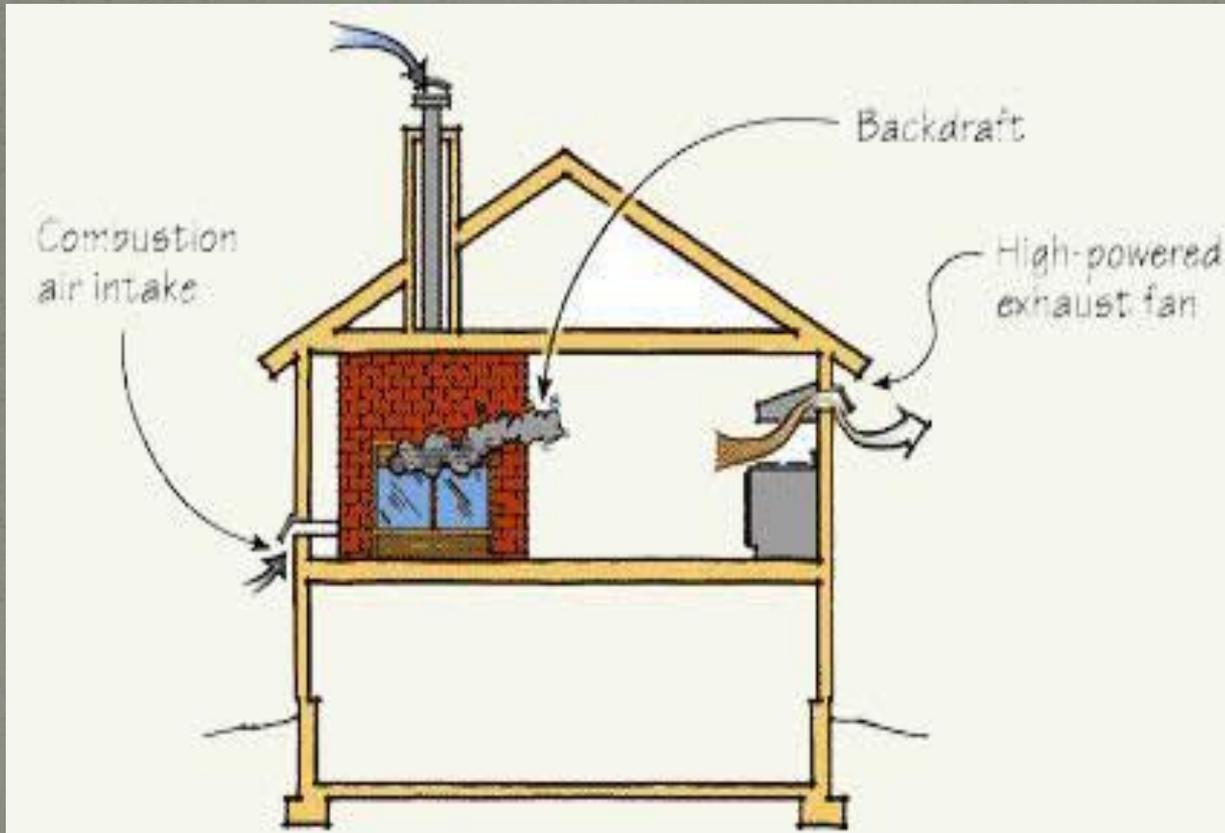


# ***Make-up Air***



**Balance is the Key to Life**

# *What's the Problem?*

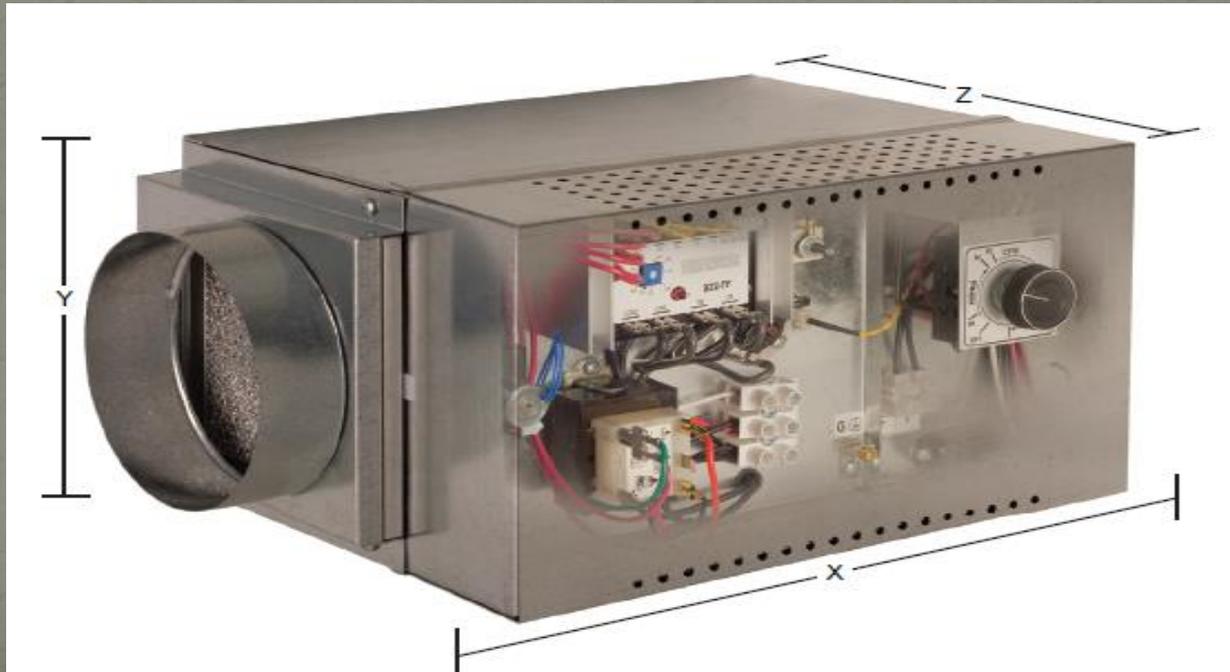


- Large exhaust devices (kitchen range hood) can cause negative pressure issues
- Atmospherically vented appliances will not draft properly with negative pressure in the building
- 2009, 2012, 2015 IRC M1503.4 addresses the problem

**M1503.4 Makeup air required.** Exhaust hood systems capable of exhausting in excess of 400 cubic feet per minute (0.19 m<sup>3</sup>/s) shall be provided with makeup air at a rate approximately equal to the exhaust air rate. Such makeup air systems shall be equipped with a means of closure and shall be automatically controlled to start and operate simultaneously with the exhaust system.

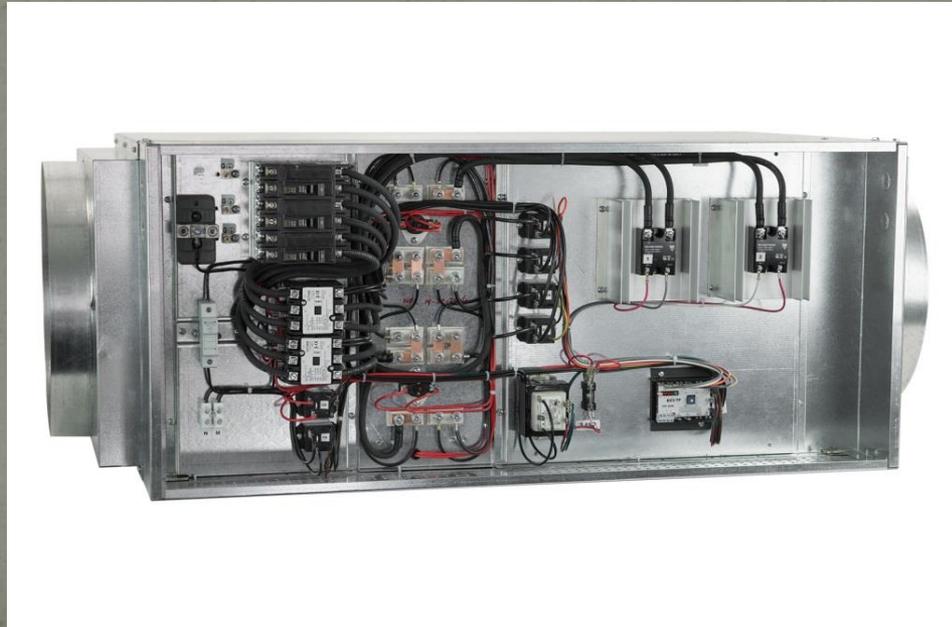
# *Makeup Air*

- Thermolec FER Mini Make-up Air
- Packaged units up to 600 cfm and up to 20 kW



# *Makeup Air*

- Thermolec NER Model Make-up Air
- Packaged units for 600 CFM – 2500 CFM and up to 42 kW pre-heat



## *Makeup Air*

Thermolec FER and NER include:

- Washable filter
- Backdraft damper
- Speed controllable fan
- Modulating electric heater with duct stat
- Current sensing relay for automatic operation when the exhaust fan is on



# Makeup Air

