SMART FRESH AIR

Introducing QuFresh by Air King.
KEY BENEFITS

- Maintain comfort within residence by limiting intake of hot, humid and/or cold, dry air.

- Meet the required CFM standard by dialing in the desired amount of air and verifying thru the CFM access port.

- Simple to install and commission with a compact design.

- Quiet fan is virtually undetectable when running in residence.

- Low operating cost with an energy efficient motor running separately of large horsepower furnace or air handler.

- Inexpensive first cost method to bring in fresh air using an independent fan with simple temperature and humidity sensors.

- Installs in any configuration or direction.
The QuFresh Air Machine offers homebuilders and developers a cost effective mechanical ventilation solution that helps with humidity and temperature. Contractors and builders now have a practical offering for introducing constant fresh air from outside into the residence, meeting the fresh air CFM requirements. Internally mounted sensors provide limits preventing the intake of outdoor air that is too humid and/or hot or too cold and/or dry. The operator simply dials in the quantity (CFM) of fresh air needed from the quiet energy efficient motor and sets the desired intake levels for the outside humidity and temperature.

**KEY FEATURES**

- Internal sensors prohibit humid, hot air and only allow intake when conditions are comfortable according to both temperature and humidity.
- Independently powered and controlled 120 volt energy efficient motor that operates separately of air conditioning or heating units.
- Requires little to no maintenance.
- Optional washable, MERV 8 or MERV 13 filter available.
- Optional 2-stage ceramic heater available when designer decides to temper incoming air.
- Easy to dial in acceptable humidity, temperature and CFM.

**QUFRESH FAS BY AIR KING**

*Fresh Air Supply Fan - Base unit features:*

- Adjustable capacity motor
- Energy efficient motor
- 0.3 Sones
- Dial in CFM control mounted in the unit
- 30 to 130 CFM in 10 CFM increments
- 120v / 60Hz with easy wiring access
- 6” round metal collar adapters on each end
- Mounts to wall, ceiling, in attic, furdown or crawlspace (any configuration)
- Test port allows easy air flow measurement (pitot tube or similar device)
- Optional Filters: washable, MERV 8 or MERV 13 (10”x10”x2”)
- Easily upgraded to QFAM (add internal controller with sensors into the unit)
QuFresh offers cost effective whole home fresh air products that resolve ventilation challenges with humidity, extreme temperature, airflow and/or filtration. There are solutions for all climate zones.

10 GREAT REASONS
To Install a QuFresh Air Machine

1. Cost effective “supply only” or “balanced” ventilation with dedicated fan and basic controls.

2. Offers limits on the humidity of outside air brought into the building.

3. Provides limits on the temperature of the outside air brought into the buildings.

4. Dial in the amount of CFM desired and always pass the air flow test.

5. Quiet energy efficient motor stops the annoyance of intermittent running of the furnace so the system is all but invisible to occupants.

6. Temper the incoming air when below 45° with optional ceramic heater module.

7. Nationally available from an HVAC wholesaler near you.

8. Reduced impact on exterior aesthetics from the smaller exterior wall cap from the constant air flow design.

9. Simple to maintain.

10. Eliminates the 2012 IECC requirements for ECM motors on furnaces or AHUs.