

PowerVent™ Advanced Airflow System

ACCESSORY



Whether designing a new facility or concerned about moisture in an existing facility, turn to Aacer's PowerVent™ Advanced Airflow System. Our patented airflow system mechanically forces airflow through the floor to prevent or alleviate moisture issues.

"We were amazed that when 1,000 gallons of water flooded our gym floor from a broken sprinkler head, the PowerVent™ Airflow System handled it beautifully. We were able to keep right on serving our members by using the facility without any major interruptions. The floor still looks and performs just great."

Denise Day, Executive Director
Kennett Area YMCA, Kennett Square, PA

"The ScissorLoc™ system and humidistat controlled blowers certainly provide us with the necessary airflow to alleviate our concerns about a moisture problem."

Robert Duncan, Superintendent
Reading Community Schools

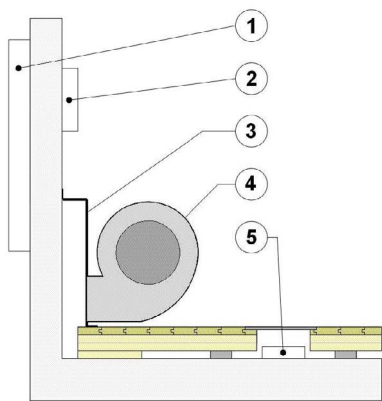


PowerVent™ Advanced Airflow System

Building on the success of our original PowerVent mechanical airflow system, our Advanced unit has expanded benefits over our first-generation design. In addition to monitoring and reacting to undesired conditions below the subfloor, our Advanced system monitors conditions above and below the floor.

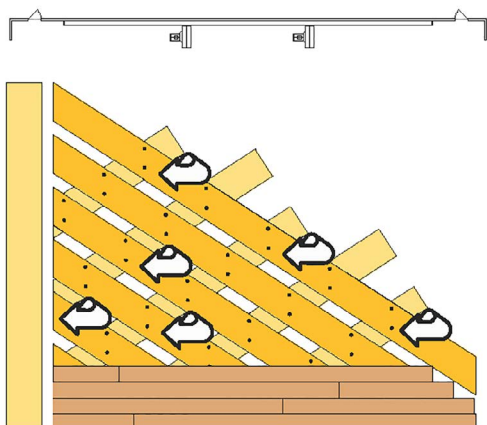


END VIEW



1. Control Box in Outer Room
2. Above Floor Room Humidistat
3. Duct Work
4. PowerVent Blower
5. Below Floor Humidistat

OVERHEAD VIEW



HOW IT WORKS

In addition to triggering advantageous mechanical ventilation related to damaging subfloor moisture or vapor, Aacer's patented PowerVent™ Advanced Airflow System monitors humidity levels below the floor surface and in the room above. PowerVent blowers are activated to reduce or add humidity when conditions fall out of the determined set range for your facility to balance wood moisture content.

Benefits

- Ability to tie into facility's intranet
- Automatic moisture detection system
- Typically initiates required venting process before noticeable by school personnel
- Assists to inhibit mold growth
- Multiple blowers available related to room size
- Enhances stability and uniform performance
- Floor activity can continue during the drying process
- May be added after original floor installation
- Compatible with numerous floor system designs
- Interfaced for balanced surface and subfloor conditions
- Optional alarm system when exceeding 85% humidity
- Available alert system for elevated CO2 level
- Security and ease of mind for owners and facility managers

U.S. Patent #

#9,719,268 B2

It is the policy of Aacer Flooring to continuously improve its line of products. Therefore, Aacer Flooring reserves the right to change, modify or discontinue systems, specifications and accessories of all products at any time without notice or obligation to purchaser.



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