

# PowerVent™ Airflow System

ACCESSORY



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

A large, dark blue, cylindrical PowerVent Airflow System unit is positioned on a wooden gymnasium floor. The unit has a circular opening with a green louvered grille. In the background, there are bleachers with orange and grey seats, and a basketball court with green and white markings. A red sign with 'ACC' is visible on the bleachers.

*"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

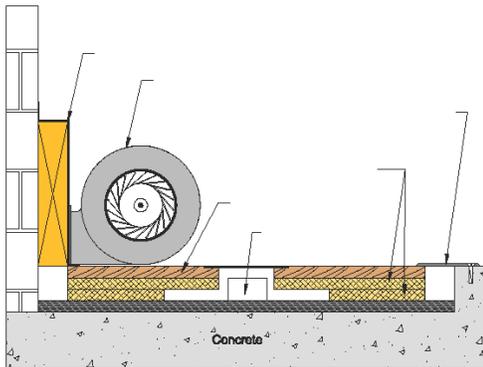
Aacer's PowerVent™ Airflow System patented design features an exclusive under floor detection system. Should the under floor humidistat detect moisture, it will trigger fan units to start circulating air through the floor system before it is noticeable to facility personnel. The PowerVent™ Airflow System has saved many floors from failure.



## Benefits

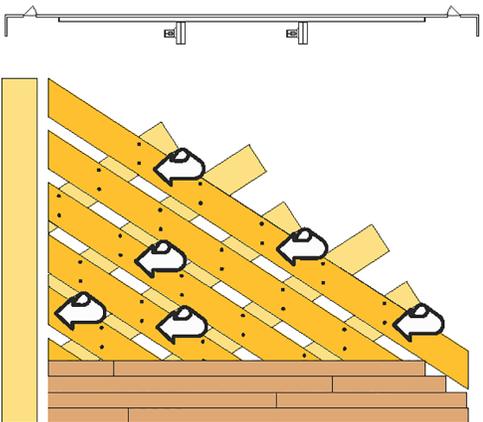
- Ability to tie into facility's intranet.
- System can be remotely controlled.
- Automatic moisture detection system.
- Detects moisture and automatically initiates drying process before it is noticeable by school personnel.
- Inhibits the growth of mold.
- Airflow is distributed to all layers of the floor system.
- Multiple blowers for full coverage.
- Maintains stability and uniform performance.
- Prevents costly shutdowns. Floor can continue to be used while drying.
- Can be added on after original construction.
- Can be fit to any floor system.
- Security and ease of mind for owners.

## WALL



1. Duct Work
2. 10" (254mm) Blower
3. MFMA Maple Flooring 25/32" x 2-1/4" (20mm x 57mm)
4. Humidistat Control
5. 2 Layers 1" x 6" Dimensional Pine 3/4" x 5-1/2" (19mm x 140mm)
6. 1/4" (6mm) Aluminum Threshold

## OVERHEAD VIEW



Moisture trapped between the concrete slab and the wood floor often causes the floor to excessively expand and contract. PowerVent™ Airflow's performance, coupled with Aacer's superior engineered subfloor designs, provide natural airflow that significantly reduces moisture damage to the floor system. This automatic feature on the PowerVent™ Airflow system is extremely beneficial and necessary during those times when no one is present to detect a moisture problem. Give your sports floor the ability to beat moisture. Specify the PowerVent™ Airflow System - the big winner in the battle against moisture.

U.S. Patent #

#5,526,621

It is the policy of Aacer Sports Flooring to continuously improve its line of products. Therefore, Aacer Sports 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.