



## PowerVent<sup>™</sup> Airflow System

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 airflow through the floor system to help 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™ Air Flow 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 air flow to alleviate our concerns about a moisture problem."

> - Robert Duncan - Superintendent Reading Community Schools

























## ACCESSORY



## PowerVent<sup>™</sup> Airflow System

The Aacer PowerVent™ Airflow's patented design features an exclusive under floor detection system. Should the under floor humidistat detect moisture it will trigger fan units which will start circulating air through the floor system before it is noticeable to facility personnel. We have saved several floors from failure with the assistance of the PowerVent™ Airflow system.



WALL Duct Work 10"(254mm) Blower 1/4" (6mm) Aluminum Threshold 2 Layers 1x6 Dimensional Pine 3/4"(19mm) x 51/2"(140mm) Aacer Maple Flooring <sup>25</sup>/<sub>32</sub> x 21/<sub>4</sub> (20mm x 57mm) **Humidistat Control** 

**Benefits** 

Multiple blowers for full coverage

Maintains stability and uniform performance

Ideal for areas with moisture conditions

Detects moisture before it is noticeable by school personnel and automatically initiates drying process

Great add on for problem floors

Can be expanded if adding on to gym

2 systems can be used in large field houses

Potentially inhibits the growth of mold

Automatic moisture detection system

Starts drying floor system before facility personnél detect issues

Can be fit to any floor system with airflow capabilities

Allows air to flow to all layers of the floor system

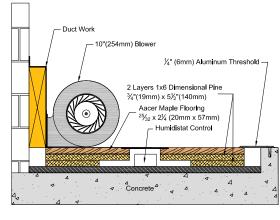
Allows drying of wet floors to proceed while play continues

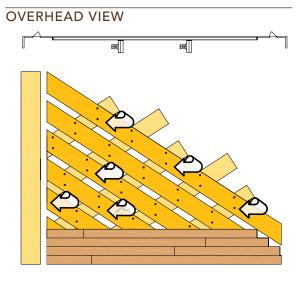
Ease of mind for owners of aging facilities

Prevents costly shut downs

U.S. Patent

#5,526,621





Moisture trapped between the concrete slab and the wood floor often causes the floor to excessively expand and contract. PowerVent $^{\text{TM}}$  Airflow's performance engineered subfloor provides a natural criss-cross air flow that significantly reduces problems associated with excess moisture. Most importantly, an Automatic Mechanical Air Flow device also helps to prevent moisture damage to the floor system. This automatic feature on the PowerVent™ Air Flow system is extremely beneficial and necessary during those times when no one is present to detect a moisture problem or catastrophe. Give your sports floor the ability to beat moisture. Specify the PowerVent™ Airflow system - the big winner in the battle against moisture.

AacerFlooring.com

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