

Safe Stairwell Egress

Filtration for Stairwell Pressurization

- Stairwells in high-rise buildings are a core part of the building emergency egress route. In the event of a fire or bio-terror event, they are pressurized relative to the rest of the building to prevent smoke or other airborne agents from entering the stairwell as people exit.
- Stairwell Pressurization Fans (SPFs) are typically used to provide the source of air. In years past, the assumption was that pulling in outside air would provide a clean and safe pressurized environment. However, events early in this decade clearly established that the outside air could make the stairwell a toxic environment.
- A high efficiency filtration system is now a mandate for an SPF. But it needs to be more. It needs to have a low pressure drop to allow the SPF to supply plenty of air. And it needs to be able to provide a germicidal barrier in the case of a bio-terror incident.
- Only a StrionAir System fits the bill. High particle capture efficiency. The lowest airflow resistance on the market. And the only germicidal filtration effect available.
- Make a StrionAir System a key component of your building safety and risk mitigation plans

Keep the smoke out

High particle removal efficiency

Maximize airflow from the fan

Very low filter pressure drop

Establish an instant bioterror barrier

Germicidal air filtration

