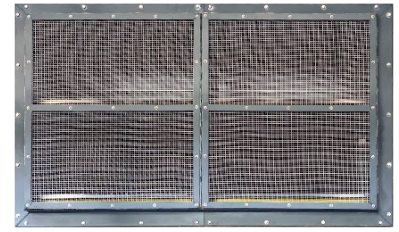


Passive Vent Barrier

FLOODBREAK



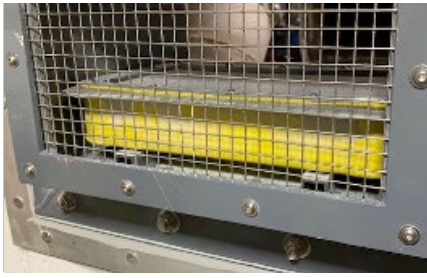
An automatic vent system that allows normal airflow and seals during floods to prevent water intrusion.

FloodBreak's passive vent systems provide 24/7 flood protection for air intake and exhaust vents, ducts, window openings, and vent shafts, whether above or below grade. When flooding occurs, buoyant panels automatically close to seal openings and prevent flood inundation without people or power. Only panels affected by rising water activate, allowing unaffected panels to remain open. Once floodwaters recede, the panels reopen automatically, resuming normal airflow. Needing minimal maintenance, these customizable systems are field-tested in harsh, real-world conditions and fit virtually any opening.



Applications

Critical Facilities | Fan Plants | Air Intake And Exhaust Vents | Ducts | Window Openings



FEATURES MADE IN THE USA



Always Ready

Does Not Need
Manual Activation

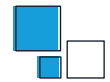


Discreet

Remains Underground
At Resting Position

Horizontal Vent System

The horizontal system provides passive, automatic flood protection for wall-mounted vents, fan plants, air intake and exhaust openings, ducts, and windows. This system utilizes buoyant panels and wiper seals to create a watertight barrier. Integrated shelves drain automatically, requiring no human intervention to clear after a flood event. With no size limitation, each system is custom-designed to meet project-specific loads and airflow requirements while delivering decades of reliable, low-maintenance protection.



Custom Sizes

No limitations. Meets
project loads and airflow.



No Electric

Operates Without Human
Intervention/Electricity

Vertical Vent System

The vertical system is designed to protect underground vent shafts from flash flooding, including hard-to-reach and high-risk locations. Originally developed for the MTA-NYCT subway system, these passive units have been operating successfully for over a decade. Each unit is custom-built and installs by dropping into position within the vent shaft, gravity-hung on an embedded angle frame beneath the grating, no anchoring required. Self-clearing by design, a weep hole at the base of each unit drains water to an existing pump system, allowing the vent to resume normal airflow after a flood.



Durable

Long Service Life With
Minimal Maintenance