Maintaining Hospital Resiliency For Patients, Healthcare Workers, And Visitors

(201) 746-0921 | Sales@OrangeFloodControl.com | OrangeFloodControl.com

ORANGE FLOOD CONTROL
SOLUTION DRIVEN

Protecting Hospital Patients And Personnel

Hospitals present significant challenges for flood protection and hazard mitigation. These facilities must remain operational during severe flooding events. Hospitals must protect critical patient areas, electric equipment, and life-sustaining devices while avoiding flooding and power loss. According to FEMA, hospital flood mitigation systems can increase resiliency to withstand up to 500-year storm events. These solutions support emergency vehicle access, hospital operations, elevator mobility, and public accessibility.

Emergency Rooms

Emergency rooms treat patients requiring immediate medical attention. Patients can suffer devastating health effects and complications and complications if emergency rooms are impacted from flooding. Hospitals may install resilient passive flood glass devices to make emergency rooms storm-safe. These dependable systems keep hospitals safer from extreme flooding and rising sea levels. Automatic flood solutions keep water out of emergency room doors, vents, windows, or other penetrable points.

Elevator Cores

Elevator cores have pits, which are usually the lowest point in hospital facilities – leaving a high potential for flooding. Flood defense systems can be employed in elevator shaft and control rooms. Install flood planks or side-deploy devices to prevent water from accumulating in the pit. These resilient systems protect hydraulic and traction elevator cabs from stormwater. Active flooding solutions also seal conveyance mechanisms, fire recall switches, and backup power systems from power loss.

Ambulatory Entrances

Ambulance entrances provide a direct, rapid route for patients in need of emergency care. These separate facility entrances need to remain safe, open, and dry so that emergency crews can operate. Facilities install automatic or active point-of-use systems to resist floodwater at critical ambulance access points. These devices work at major emergency entry points, ambulance parking zones, emergency department intake areas and parking garages.

Utility Rooms

Core electrical systems are often housed in underground basement areas – where water risks are the highest. Protect electrical equipment, wiring, and emergency-backup power systems from floodwaters. Damage to utility room systems creates fire hazards and electrocution risks. More, these vulnerabilities extend hospital power outages and delay getting back to work. To mitigate risks, many hospitals install active flood doors and planks to protect utility meters, generators, circuits, or ventilators from power loss and mitigate the risk of flooding.

Orange Flood Control is your turn-key flood mitigation company for consulting, device sales, installation, maintenance, service, and training. Call (201) 746-0921 to speak with a flood mitigation expert.

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Passive Flood Mitigation

Passive flood control technologies operate automatically during a major flood or natural disaster. These automatic devices do not require any human involvement or manpower to keep your facility safe. Some of the most popular options include passive gates, entry doors, or glass walls.

Passive flood devices are the optimal choice to defend your employees and facilities 24/7 – without human involvement. No dependence on power, people, or manual intervention, improves property's resilience from even the most severe storms. These automatic devices protect hundreds of schools, commercial buildings, and critical infrastructure assets from devastating natural disasters.

Passive Flood Device Options

- Flood Doors
- Flood Glass
- Concealed Automatic Gates

Point-Of-Use Flood Mitigation

These dependable, simple solutions are strategically designed for rapid manual deployment. This unique configuration is known to consume minimal storage space and promote superior visual aesthetics. Point-of-Use solutions can even be stored out-of-sight, and custom designed to fit any opening.

Point-of-use flood devices serve as an impact-resistant barrier during severe weather events. Using watertight seals and pre-fabricated anchors, these devices can be rapidly deployed. Facilities can delay deployment – resulting in minimal operational downtime and disruption. This allows organizations to reduce lost profits, damaged reputation, and unsatisfied clients.

Point-Of-Use Device Options

- Vertical/Side Deploy
- Swing Gates
- Sliding Doors

Active Flood Mitigation

These dry floodproofing devices keep surging stormwater out – minimizing economic impact and harm to critical infrastructure. This helps to keep communities safe and promote social well-being. These manual barriers are a reliable, effective flood defense.

Active devices can be manually deployed for emergency flood protection across building openings. Their high-strength design defends against strong winds and debris impacts. Facilities can rapidly and easily deploy these devices for optimal protection.

Active Flood Device Options

- Flood Planks
- Flood Panels
- Flood Shields

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