



Tel	/	561.277.9751
Email	/	info@3bprotection.com
Web	/	www.3bprotection.com
Inquiries	/	estimating@3bprotection.com
Addr	/	364 Cypress Drive, Suite 102, Tequesta, FL 33469

## 3B BALLISTIC LOUVER SYSTEM

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In high-security environments like military installations, embassies, and critical infrastructure such as power plants and data centers, it is essential to strike a balance between security and functionality. 3B Protection Ballistic, Blast, and Forced Entry Louvers and 3B Walls are designed to work together seamlessly to achieve this goal, providing a comprehensive solution that addresses ballistic, blast, and forced entry threats while maintaining proper airflow for temperature regulation and equipment cooling. These components complement each other, ensuring that security is never compromised while still allowing for the essential ventilation necessary in high-risk environments.

3B Ballistic, Blast, and Forced Entry Louvers are specifically designed to integrate with 3B Walls, creating a cohesive security system that offers both protection and airflow. The louvers are installed within or alongside the 3B Walls, providing critical ventilation without compromising the integrity of the structure. While the walls act as a solid shield against direct attacks, the ballistic, blast, and forced entry-resistant louvers ensure that air circulation is maintained, preventing overheating and ensuring that sensitive equipment—such as servers or energy systems—continues to operate effectively.





## KEY FEATURES:

- **Ballistic Resistance:** 3B Protection's louvers and walls are certified to meet UL 752 standards for ballistic protection, offering a range of protection levels from UL Level 1 (resisting small handguns) to UL Level 10, which can withstand high-powered rifles and armor-piercing rounds. This certification ensures that the 3B Protection Louvers and Walls provide reliable protection based on the specific threat environment.
- **Blast & Forced Entry Resistance:** 3B Ballistic, Blast, and Forced Entry Louvers are constructed using materials carefully selected for their ability to withstand high-velocity impacts, including blasts and forced entry attempts. Though perforated to allow airflow, the louvers feature strategically angled slats made from high-strength materials such as reinforced steel, aluminum alloys, and composite materials. These slats are designed to minimize the transfer of energy from blast impacts, helping protect the structure behind them. Additionally, the louvers are engineered to resist forced entry using tools or impact, adding an extra layer of security in high-risk environments.

## BENEFITS:

- **Balancing Airflow and Protection:** 3B Ballistic, Blast, and Forced Entry Louvers provide critical airflow without compromising security, making them ideal for environments like data centers and power plants where ventilation and protection are equally essential. Their angled slat design allows continuous air circulation while blocking projectiles and resisting forced entry, helping maintain operational efficiency in high-risk, climate-sensitive facilities.
- **Enhanced Protection for High-Risk Environments:** 3B Ballistic, Blast, and Forced Entry Louvers are built for high-security settings like military bases, embassies, and critical infrastructure, where protection against repeated impacts is essential. Integrated into wall systems, they provide a fortified barrier against ballistic threats, forced entry, and blasts—while maintaining ventilation for operational functionality in sensitive environments.

## APPLICATIONS:

- Military Installations
- Government Buildings
- Utility Infrastructure
- Embassies
- Data Centers
- Critical Infrastructure