



METAL ENCLOSURE BLOG FOR

Johnson & Johnson: Safeguarding Staff and Equipment with Metal Enclosures

WEB:

www.allnoisecontrol.com

PHONE:

(407) 559-7127

WHY METAL ENCLOSURES ARE VITAL IN PHARMACEUTICAL FACILITIES

At Johnson & Johnson's Tampa manufacturing site, high-capacity HVAC systems, industrial compressors, and large production machinery generate significant noise. Controlling these decibel levels is essential for employee safety, compliance with OSHA standards, and maintaining a productive work environment.

Custom metal enclosures provided an effective solution to reduce noise while allowing full access to equipment.

INDUSTRIAL EQUIPMENT AFFECTING SAFETY AND WORKFLOW

Johnson & Johnson's facility faced challenges such as:

- Persistent high-decibel noise from HVAC, compressors, and production machinery
- Disrupted communication across the facility
- Difficulty meeting OSHA noise compliance thresholds
- Need for enclosures that could withstand continuous operation and humidity
- Maintenance access without shutting down equipment

The company required a robust metal enclosure solution that controlled noise without hindering operations.

HIGH-STC METAL ENCLOSURES

All Noise Control engineered custom metal enclosures designed for Johnson & Johnson's critical equipment:

- Heavy-gauge metal panels with sound-blocking cores to reduce airborne noise
- Modular design with lift-off panels, hinged doors, and inspection hatches
- Ventilation-friendly openings to maintain airflow for HVAC and compressors
- Durable, corrosion-resistant construction for continuous industrial operation

These enclosures minimized noise while providing safe, easy access for maintenance and inspections.

QUIETER, SAFER, AND MORE EFFICIENT PRODUCTION

After installation, Johnson & Johnson observed:

- Noise reduction of 20–28 dB in mechanical and production areas
- Clearer communication and improved staff comfort
- Simplified maintenance without production downtime
- Enhanced safety compliance and long-term operational efficiency
- Durable enclosures capable of withstanding continuous operation and humidity