

### APPLICABLE FOR:

- ✓ Hazardous Industries (Oil & Gas, Chemical and other) and Storage Facilities
- ✓ Nuclear Power Plants
- ✓ Critical Infrastructure / Strategic Assets
- ✓ Blast-Hardened Structures
- ✓ Command and Control Centers
- ✓ Civil Defence Shelters



HV-M / HV-SR

### Temet's HV series blast dampers:

Blast dampers are specially designed for protecting people and equipment from pressure loads created by blast in industrial production and storage facilities or in any other places with high risk of explosion. The blast dampers are typically installed on the ventilation openings or integrated in the air ducts to prevent the blast pressure from entering the protected space.

HV blast dampers are designed to allow easy movement of large amount of air inwards and outwards. The blast dampers are available in various sizes and are made of galvanized or stainless steel depending on the customers requirements.

### Highlights and Characteristics:

- Standard blast damper air opening sizes: 300x300 – 1500x1500 mm.
- Available with manual (HV-M) or automatic (HV-SR) opening after the blast wave
- Minimal pressure drop with high airflow
- Designed to withstand multiple blast loads up to 1 bar (100 kPa)
- Short closing time and effective protection from the blast wave
- Designed to function in various operating environments
- Debris impact proof (Hurricane test)
- Installed in thousands of applications and approved by various organizations
- ATEX certified
- Patent pending