

## APPLICABLE FOR:

- ✓ Civil Defence and Government Shelters
- ✓ Protective Structures and Applications
- ✓ Critical Infrastructure and Strategic Assets
- ✓ Command and Control Centers
- ✓ Oil & Gas, Chemical and other types of Hazardous Industries
- ✓ Explosives & Dangerous Materials Storage Facilities
- ✓ Nuclear Power Plants



PVD-250

## Temet's Hot Exhaust Blast Valves PVD-Series:

Blast valves are used for protection of generator and combustion engine exhaust pipes in Civil Defense and government shelters. The PVD-blast valves are typically used in applications that require high blast protection from the positive phase of the blast. Allowing the blast load to enter the protected space can seriously harm people and equipment.

Temet's hot exhaust blast valves are designed to operate with exhaust gas temperature up to 650 °C. Special LP-PP wall sleeves are generally installed together with the PVD-valves to protect the concrete wall from damage caused by the high-temperature of exhaust gas.

## Highlights and Characteristics:

- Installed in thousands of applications and approved by various government and civil organizations
- High outward airflow with minimal pressure drop
- Designed and tested withstand multiple blast loads up to 60 bar (6000 kPa)
- Designed and tested to withstand mechanical shock with rapid change in velocity
- Rapid closing and extremely effective attenuation of the oncoming blast
- Designed to function in high operating temperatures
- Available sizes: PVD-50, PVD-150, PVD-250 and PVD-350