

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



YV-KK



YV-1-C

Temet's YV Series Overpressure Blast Valves:

Overpressure Blast valves are used in civil defense shelters, special purpose protective structures and protected industrial facilities for regulating the amount of air exiting the protected area. This allows to create and maintain the needed level of overpressure inside the shelter/compartment.

Overpressurizing the protected area prevents the contaminated air from entering the shelter through small openings in the walls or seals.

Overpressure blast valves provide also blast protection function for vent openings from medium to high pressure loads created by the blast. Allowing the blast load to enter the protected space can seriously harm people and equipment.

Highlights and Characteristics:

- Installed in thousands of applications and approved by various organizations
- Designed to withstand multiple short and long duration blast loads up to 20 bar (2000 kPa)
- Short closing time and effective protection from the blast wave
- Tested to withstand mechanical shock with rapid change in velocity
- Designed to function in various operating environments
- The valves can be supplied in various sizes and airflow rates to fit the needed technical requirements

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