

### 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



PV-KK Multicolumn



PV-KK



PV-KK-S

### Temet's PV-KK Series Blast Valves:

Blast valves are used for protection of ventilation air supply opening, exhaust openings, airways in Civil Defense and government shelters. The PV-KK blast valve can also be used in special applications that require medium to high blast protection from both positive and negative phases of the blast. Allowing the blast load to enter the protected space can seriously harm people and equipment.

PV-KK blast valves are designed to allow easy movement of large amounts of air inwards and outwards. Due to the unique design, PV-KK blast valves can be installed as a single block or as a large matrix assembly of dozens or even hundreds of blocks to create a single "blast wall" for high airflow and blast protection characteristics.

### Highlights and Characteristics:

- Installed in thousands of applications and approved by various organizations
- Minimal pressure drop with high airflow
- 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 and rapid change in velocity
- Designed to function in various operating environments
- Different types of installation – embedded (PV-KK) and surface mounted (PV-KK-S) blast valves available
- The valves can be supplied in various blast protection levels, airflow rates and sizes to comply to the needed technical requirements
- ATEX Certified

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