

BLAST VALVE FOR HIGH TEMPERATURE

**BVNO HT
1200 8Z**

DESCRIPTION

- The Blast Valve Type BVNO HT 1200 8Z is a double-action valve (protects against explosive and implosive waves). It is maintenance-free and resistant to high temperatures and corrosion.
- The springs, closing disc and valve body is manufactured from special stainless steel and all steel parts are treated with a high temperature resistant coating.

PRODUCT USE

- Installed at the airintake inside the shelter
- Installed inline between 8" flange according to BS 2504 - PN 6 or DIN 2501 - PN 6.
- Operated within a flow range of 400–2000 m³/h as per system requirement.
- Should be used only with equipment that has been manufactured by ARCONIK International PVT.LTD to ensure maximum performance.

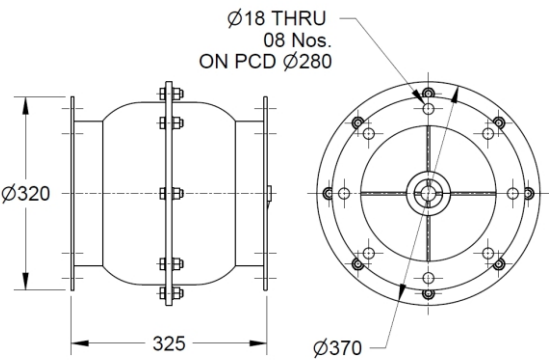
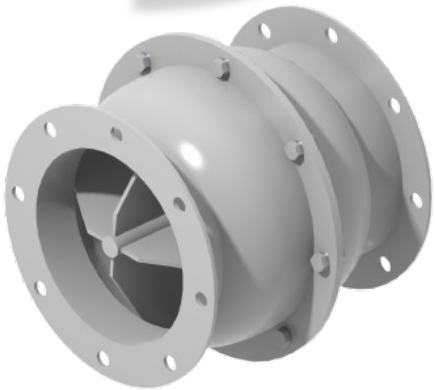


Diagram 1

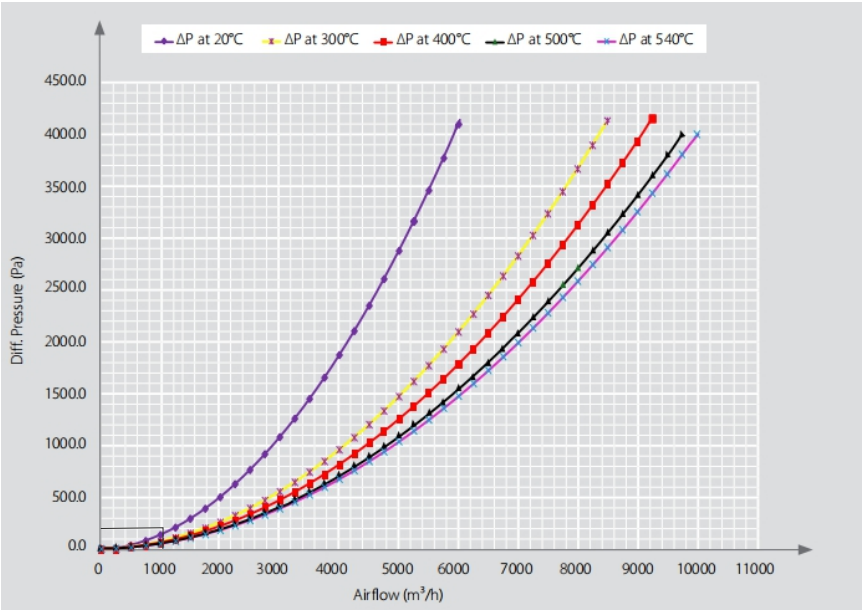


Diagram 2

APPLICATION



Shelters & Safe Rooms

Installed at air intake points to protect occupants from external explosions and blast waves



Generator Exhaust Systems

Designed for installation in exhaust pipes of generators, providing continuous airflow with automatic blast protection.



Military & Defence Installations

Used in bunkers, command posts, secure rooms, and mission-critical infrastructure requiring high blast resistance



Industrial Safety Systems

Suitable for facilities located near hazardous zones, explosive environments, or areas with risk of pressure shocks



Critical Infrastructure Buildings

Ideal for data centres, communication hubs, emergency operation facilities, and sensitive government structures



High-Temperature Environments

Works efficiently in systems exposed to hot exhaust air or elevated operating temperatures

BSM-TECHNICAL SPECIFICATIONS

BLAST VALVE (BVNO HT 1200 8Z)		
Technical Specifications	Values	Units
Airflow rate	Diagram 2	
Flow resistance	Diagram 2	
Impact Pressure durability	1150 (161)	kPa (psi)
Reflected pressure durability	4050 (567)	kPa (psi)
Working temperature	-40 to 540	°C
Mechanical shock resistance	80	g
Installation matrix	≥ 520 x 520	mm

