

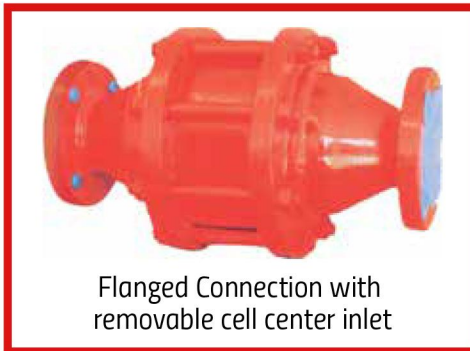


## PROVIDE PROTECTION IN LOW PRESSURE DEFLAGRATION SYSTEMS

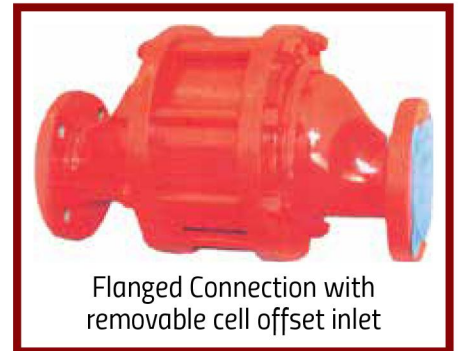
Flame/Detonation Arrestors are passive safety devices designed to prevent the propagation of flame fronts back through lines and piping configurations, and between combustion units and tanks. This is also known as "flashback". When correctly installed, the devices will extinguish flame fronts travelling from either direction.



Screwed Connection with removable cell center inlet



Flanged Connection with removable cell center inlet



Flanged Connection with removable cell offset inlet



Flanged Connection with removable cell center inlet - S.S. Body



Flanged Connection with welded non-removable cell center inlet



Flanged Connection with welded non-removable cell offset inlet

Basically, all flame and detonation arrestors work on the same "heat absorption" theory:

- \*Disperse the flame front
- \*Release its energy
- \*Cool flame to below ignition point of the gas/vapour contained in the system



Reduced Bodies for Lesser Flows