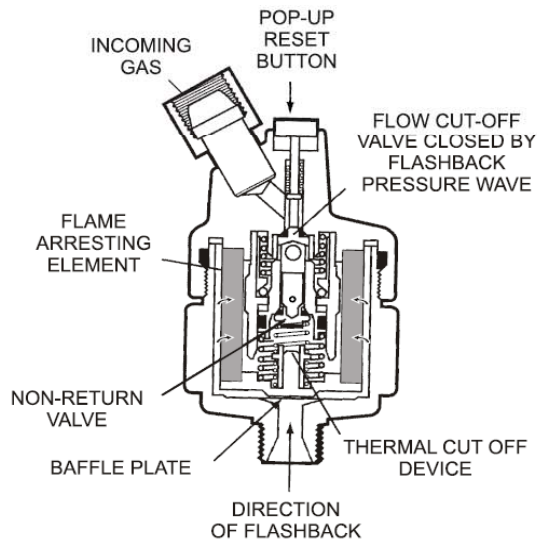


# Flashback Arrestors

## ESAB PROTEX

- FLAME ARRESTOR - Flame arrestor shall quench flashbacks
- NON-RETURN VALVE - Flame arrestor with non-return valve shall quench flashbacks & shall not allow the reverse flow of gases.
- TEMPERATURE SENSITIVE CUT-OFF VALVE - Flame arrestor with temperature sensitive cut-off valve shall quench flashbacks & shall stop the gas flow before the upstream gas is ignited.
- PRESSURE SENSITIVE CUT-OFF VALVE - Flame arrestor with pressure sensitive cut-off valve shall quench flashbacks & the pressure sensitive cut-off function shall active at each flashback. The pressure-sensitive cut-off valve shall remain closed until it is manually reset.



In view of the fact that flashback can occur in any of the cylinders ESAB PROTEX comes in two versions

- PROTEX - RO (For Oxygen)
- PROTEX-RA (For Acetylene)

# Flashback Arrestors



## ESAB FR - 18

ESAB FR-18 are torch mounted Flashback Arrestors, which comes in a pair of both Oxygen & Acetylene, designed to arrest the flame and avoid the reverse flow of gases.



## ESAB FR-63

As an extra security FR-63 Flashback Arrestor should be mounted on the pipes at all Acetylene gas central installations. It is designed to arrest the flame and cut off further flow of gas. In case the flame is not arrested (quenched), the temperature will rise inside the Arrestor melting the soft soldering. A spring loaded valve will then close the outlet and further supply of Acetylene will stop.

- Working pressure : 1.5 bar
- Mounting : FR-63 is always mounted directly behind the central regulator and in the service line at the point of entry to each locality. Both at the inlet and outlet a BSP 1.5" pipe coupling is provided to make fitting and removal is easier

