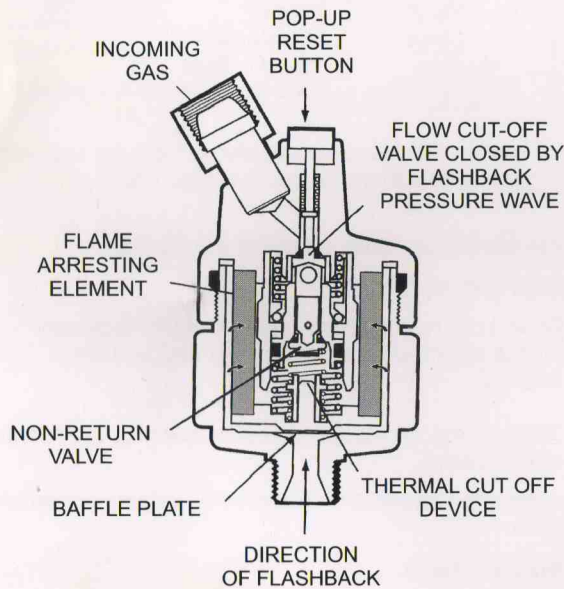


# Flashback Arrestors

## 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

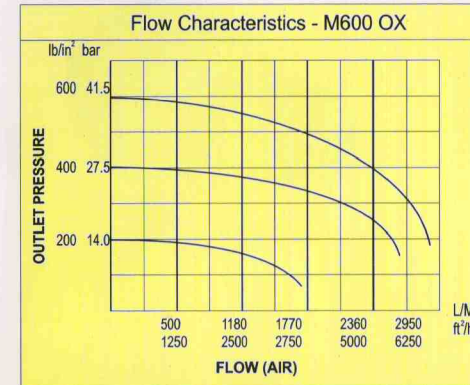
- PROTEX - RO (For Oxygen)
- PROTEX-RA (For Acetylene)

# High Pressure Regulators



## M600 - Heavy Duty Regulator

This Regulators is in wide spread use through-out the industry. It has a proven performance in applications where stable high pressure and flows are required. This regulators are used in jobs of critical nature, such as aerated bottling plants, cable pressurisation, power generating, pipeline testing, refrigeration, air conditioning industry and a wide variety of laboratory applications in universities, nuclear and chemical industry.



## Design/Construction

- Forged brass construction
- Double safety feature - safety valve and bursting disc prevention at second stage
- Inlet filter to prevent ingress of foreign particles at high velocity
- Stainless steel diaphragm on first stage to withstand shock of full cylinder pressure. Neoprene to give flexibility and long life on second stage.
- Easy read pressure gauges.

## Specifications

Service Pressure	230 bar
Max. Outlet pressure	40 bar
Rated flow	3200 lit./min
Weight	4.30 Kg.
Inlet connection	5/8" BSP RH (Male)
Outlet connection	3/8" BSP RH (Male)
Gas Service*	Oxyten Nitrogen