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## Flashback Arrestor



**Flashback Arrestor;** A Flash Back Arrestor is a special gas safety device widely used in different applications like oxy-fuel welding as well as cutting to discontinue the flame. With sensitive non return valve, it also stops the reverse flow of gas into the equipment for preventing the user from any kind of damage or explosions. It is designed to be used with gas cutters and pressure regulators to prevent backfire. It is used for safe operation of fuel gases with its heavy duty brass rod shell construction.

Our offered product is suitable for fitting on the regulator outlet and eliminating the risk of explosion cause due to flashback. Moreover, this product has a compact design and simple features.

**A. Flashback Arrestor (For Torches);** These Flashback Arrestors is suitable for Oxygen & Fuel (DA & LPG) Torch.

Flashback Arrestors that have the safety features of a flame barrier and a gas non-return valve, thus meeting the requirements of a flashback arrester described in EN ISO 5175-1.

Model	Gas	Working pressure (max)	Applications
FBA-REG-OXY-RH	Oxygen	15 bar/220 psi	Used with Oxygen Regulator.
FBA-REG-FUEL-RH	Fuel (DA & LPG)	15 bar/21 psi	Used with Fuel (DA & LPG) Regulator.
FBA-TORCH-OXY-RH	Oxygen	15 bar/220 psi	Used with Oxygen Torch
FBA-TORCH-FUEL-RH	Fuel (DA & LPG)	15 bar/21 psi	Used with Fuel (DA & LPG) Torch



### Feature:

- This is Dry type flash back arrestor is to stop or arrest the return of the flame and sealing is done by help of perforated metal filter.
- This device intended to prevent rupture of the flame arrestor due to sudden built in pressure.
- This device prevents the flow to return from the downstream side.

### Operating Instruction:

- Flashback arrestor should be connected between the hose and each regulator and between the hose and the torch in the correct direction of the flow which to clearly marked on the flashback arrestor.
- Do not exceed the maximum operating pressure marked on the flashback arrestor for the gas service.
- All connections should be clean and free of damage, oil, grease and dust.
- In case of gas return flow: replace the device.
- Do not attempt to repair flashback arrestor.





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**B. Flashback Arrestor (For Regulators);** These Flashback Arrestors are extensively used for Gas cutting and welding in order to reverse the flow of gas back up into the supply line. In addition to this, the said Flash Back Arrestor also benefits in protecting the equipment as well as user from explosions and damages. Our offered product is suitable for fitting on the regulator outlet and eliminating the risk of explosion cause due to flashback. Moreover, this product has a compact design and simple features.

Regulator Type	Working pressure (max)	Applications
Oxygen Therogard/ Cylinder	10 bar/150 psi	Used with Oxygen Gas Therogard/ Cylinder Regulator.
LPG/ Propane Cylinder	3 bar/43 psi	Used with LPG/ Propane Gas Cylinder Regulator.
Acetylene Cylinder	1.5 bar/22 psi	Used with Acetylene Gas Cylinder Regulator.



**Functions:** Flashback Arrestor for LPG Cylinders functions with below mention parts:

1. **Non-Return Valve:** Stops the reverse flow (back surge) of gas.
2. **Sintered Flame Filter:** Blocks the flame
3. **Thermal Activated Cut-Off Valve (fitted to regulator mounted models only):** In case of a sustained (continuous) flashback or backfire, this valve will close and stop the flow of gas in any direction.

**Features:**

- Flash Back Arrestor is a device to eliminate every possibility of explosion or fire caused by flashback.
- Flash Back Arrestor is suitable for fitting on the regulator outlet.
- Oxygen for use at a maximum inlet pressure 10 bar (150psi).
- Acetylene or LPG/ Propan for use at a maximum inlet pressure of 1.5 bar(22psi)with Acetylene or LPG /Propan inlet pressure of 3bar (43psi).
- Conform to IS 11006.

