BUTBRO WELDING PRODUCTS

BUTBRO REGULATOR MOUNTED FLASHBACK ARRESTORS

SAFETY DEVICES

A flashback occurs when gases ignite inside the torch and will, if unchecked, travel back up the hose lines to the regulator and cylinders.

Some common causes of flashbacks are:-

Faulty Equipment.
Failure to purge hoses prior to lighting torch.
Incorrect lighting procedure.
Blocked nozzle.
Gas starvation.
Incorrect pressure settings.
Overheating.

BUTBRO flashback arrestors are designed to protect the operator and attention to the following points will greatly reduce the risk of backfire:-

Ensure all equipment is in good condition and regularly checked.
Ensure all hose connectors are gas tight.
Follow the manufactures instructions for the torch.
Ensure pressure settings are correct.
Purge hoses before lighting torch.
Keep hands and tools clean. (Oil or grease can cause an explosion when in contact with oxygen).

In the event of a backfire do not re-ignite the torch until the cause has been determined and remedied.

BUTBRO flashback arrestors require no routine maintenance other than regular checks for external leaks applicable to all gas equipment.

BUTBRO flaskback arrestors are selaed and tested during manufacture and no attempt should be made to dismantle or repair the unit. Should there be any doubt about the performance of the unit it should be replaced or returned to the manufacture for service.



BUTBRO SUPERGUARD FR50 RESET FLASHBACK ARRESTOR

A regulator mounted safety device suitable for all welding and cutting operations, fully complying with EN730, this "lift to reset" unit incorporates the following features:-

- FA Sintered flame arresting element
- NV Non return valve to prevent reverse flow of gases
- PV Pressure trip device, activated by pressure wave accompanying a flashback
- TV Thermal trip device, activated by heat to permanently cut off the gas supply
- SI Status indicator shows green when unit is ready for use. In the event of a flashback the item can be reset by lifting and releasing the bonnet.

PART NO.

50950	BUTBRO SUPERGUARD FR50 FLASHBACK ARRESTOR OXYGEN 0-10 BAR G3/8" RH
50951	BUTBRO SUPERGUARD FR50 FLASHBACK ARRESTOR ACETYLENE 1.5 BAR AND PROPANE/HYDROGEN/METHANE/NATURAL GAS 5.0 BAR G3/8" LH
50953	BUTBRO SUPERGUARD FR50 FLASHBACK ARRESTOR OXYGEN 0-10 BAR 9/16" * 18RH
50954	BUTBRO SUPERGUARD FR50 FLASHBACK ARRESTOR ACETYLENE 1.5 BAR AND PROPANE/HYDROGEN/METHANE/NATURAL GAS 5.0 BAR 9/16" * 18LH