



Butbro Reset flashback Arrestor

- New 2005 model "lift to reset" FR50
- Replaces previous version "chain and pin"
- Complies fully to EN730
- Art no 50950 for oxygen 10 bar
- Art no 50951 acetylene 1.5 bar, and also propane/hydrogen/methane/nat gas 5 bar

Construction FR50 "Superguard"

- 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
- Status indicator shows green when unit is ready for use

Butbro FR50 FBA – new product

To be connected to regulator

4 Safety functions:

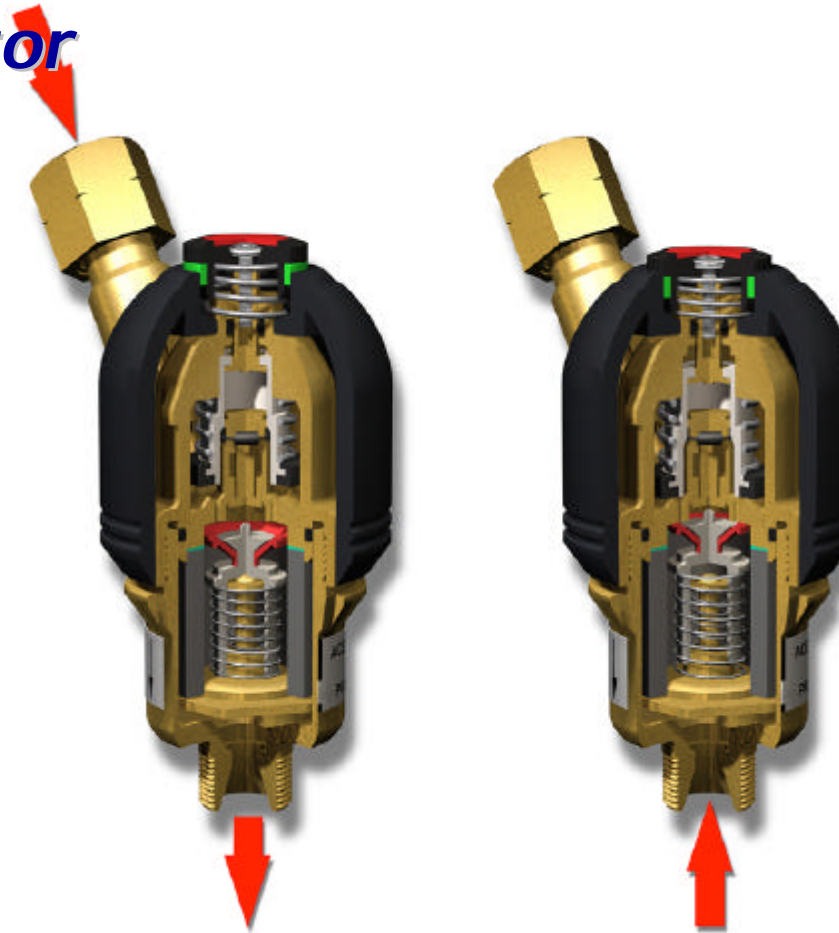
- Non return valve***
- Flame arresting filter***
- Thermal cut-off valve***
- Pressure shock valve***

Connection variants:

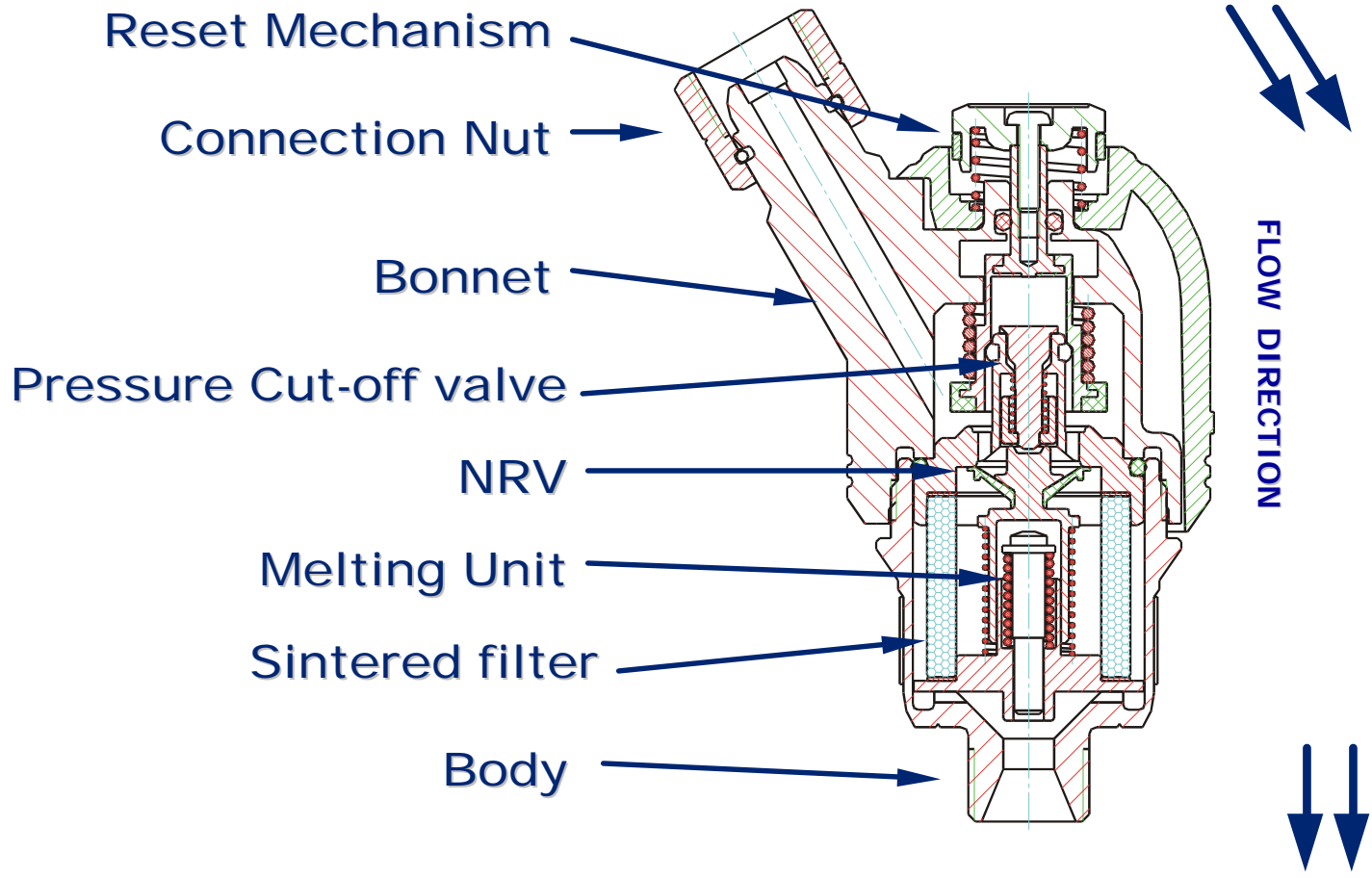
- G1/4"***
- G3/8" .. G3/8"LH***
- 9/16"UNF .. 9/16"UNF LH***

BAM Approved

US Listed



FBA FR50 Internal Design



When the arrestor has cut out

- Identify reason for cut out and rectify
- Status indicator on the reset mechanism drops DOWN after flashback. Reset the unit by lifting the black sleeve and releasing it to reveal the green band
- In the event of difficulty resetting, first depressurise the unit by loosening the inlet/outlet connections and then reset. If the unit will not reset the thermal trip has been permanently activated and the arrestor will need replacing

Maintenance and servicing

- The arrestor will not require any maintenance in service apart from normal leak testing of connections.
- It is possible to pressurise the unit in the reverse direction by connecting the outlet of the arrestor to the regulator with a short length of hose – resetting and repeating the operation.
- The arrestor should be withdrawn from service by the date indicated and replaced with a new unit.