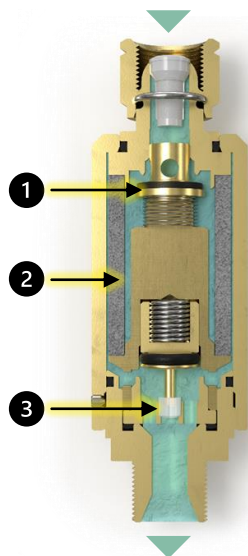


FLASHBACK ARRESTORS for Gas Outlet Points

safety elements and their functions

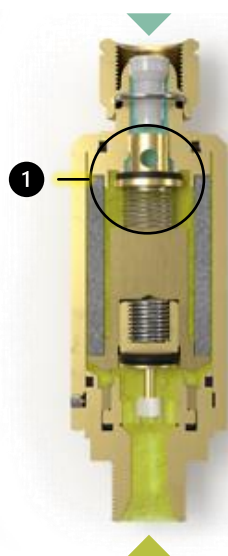
Example: 85-10

Normal Flow



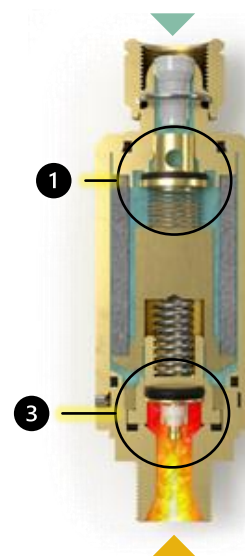
- 1 Non-return Valve (open)
- 2 Flame Arrestor
- 3 Temperature sensitive Cut-off Valve (open)

Reverse Flow



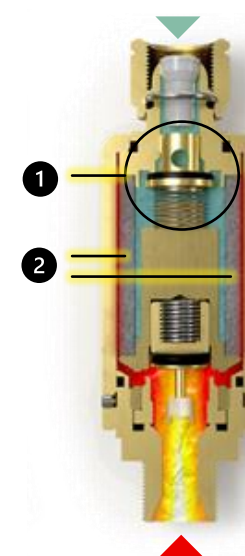
- 1 Non-return Valve closes
A spring loaded non-return valve closes and therefore stops the slow (or sudden) reverse flow.

Backburn



- 1 Non-return Valve closes
- 3 Temperature sensitive Cut-off Valve closes
Automatically closes at a predetermined internal temperature.

Flashback



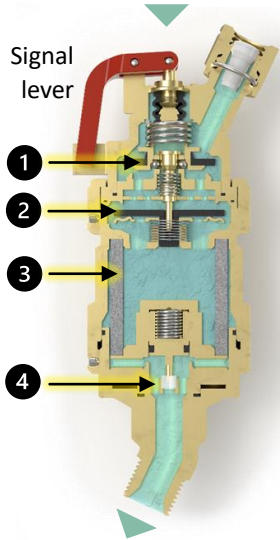
- 1 Non-return Valve closes
- 2 Flame is arrested
A returning flashback, coming from the burner, will be stopped and quenched through a high quality stainless steel sintered element.

FLASHBACK ARRESTORS for Gas Outlet Points

safety elements and their functions

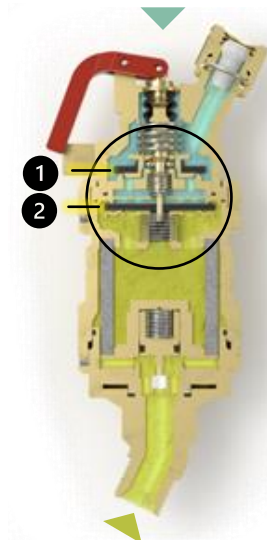
Example: SUPER 66

Normal Flow



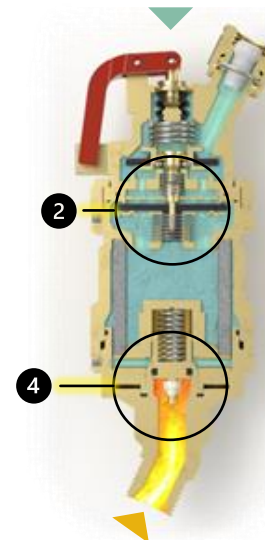
- 1** Pressure sensitive Cut-off Valve (open)
- 2** Non-return Valve (open)
- 3** Flame Arrester
- 4** Pressure sensitive Cut-off Valve (open)

Reverse Flow



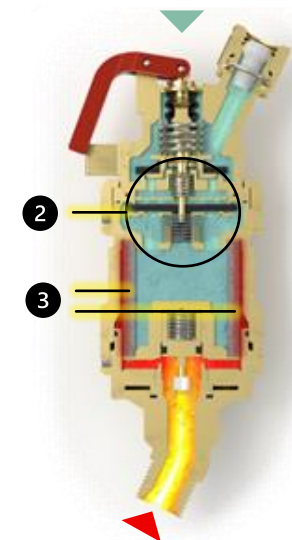
- 1** Pressure sensitive Cut-off Valve closes
Closes automatically with increasing reverse pressure caused by reversed flow or flashback.
- 2** Non-return Valve closes
A spring loaded non-return valve closes and therefore stops the slow (or sudden) reverse flow.

Backburn



- 2** Non-return Valve closes
- 4** Temperature sensitive Cut-off Valve closes
Automatically closes at predetermined internal temperature.

Flashback



- 2** Non-return Valve closes
- 3** Flame is arrested
A returning flashback, coming from the burner, is stopped and quenched by a high quality stainless steel sintered element.