**FLASHBACK ARRESTORS**

FLASHBACK ARRESTORS are safety, flame arresting devices, used to protect both line regulators of central gas supply systems and pressure regulators of single cylinders. Normally, flames resulting from flashback will stop in the torch. However, in case of wrong manipulation, incorrect maintenance or use of gas welding equipment, the gas flames may pass back through the hoses and even reach the cylinder. MARIGASES FLASHBACK ARRESTORS ensure maximum safety as they are manufactured in conformity with EN 730, AS 4603, along with certifications from BAM, DVGW. MARIGASES FLASHBACK ARRESTORS incorporate several safety functions:

- Gas non-return valve, to prevent reverse flow of gases.
- Flame arrestor, to quench the flame of a flashback.
- Temperature sensitive cut-off valve, to prevent further gas supply in case of fire.

### MARIGASES FLASHBACK ARRESTORS

**FLASHBACK ARRESTOR FOR OXYGEN CYLINDER**
Order number: 332488

**FLASHBACK ARRESTOR FOR ACETYLENE CYLINDER**
Order number: 332489

<table>
<thead>
<tr>
<th>GAS TYPE</th>
<th>PRESSURE P max. bar</th>
<th>FLOW RATE V max. m³/h</th>
<th>CONNECTOR</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>INLET (FEMALE)</td>
</tr>
<tr>
<td>Oxygen</td>
<td>15</td>
<td>140</td>
<td>3/8”</td>
</tr>
<tr>
<td>Nitrogen</td>
<td>140</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Argon</td>
<td>3/8”</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Acetylene</td>
<td>1.5</td>
<td>16</td>
<td>3/8” L</td>
</tr>
<tr>
<td>Argon</td>
<td>3/8” L</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

MARIGASES FLASHBACK ARRESTORS offer maximum safety:

1. **Security against the reverse flow of gas**
   The gas non-return valve prevents leakage or the sudden return of air or oxygen in the distribution line or single cylinders.

2. **Stops Flashbacks**
   A sintered stainless steel flame arrestor prevents flashback from the gas outlet side and cools the flame down to below the ignition temperature, so that the gas cannot re-ignite on the inlet side.

3. **Prevent Burn-backs**
   The temperature regulated thermal cut-off valve is held in the open position by a soldered element. In the case of excessive temperatures in the safety device due to flashbacks or burn-backs, the valve closes automatically and cuts off the gas flow and stops burn-back.
There are also available the following flashback arrestors:

**FLASHBACK ARRESTOR for OXYGEN HOSE**
Order number: 332568

**FLASHBACK ARRESTOR for ACETYLENE HOSE**
Order number: 332569

**FLASHBACK ARRESTOR ON HANDLE 3/8” L**
Order number: 332588

**FLASHBACK ARRESTOR ON HANDLE 1/4” R**
Order number: 332589

**CYLINDER TOP VALVES**
All type of spare top valves for the cylinders are available with MARIGASES:

**TOP VALVE for ACETYLENE**
Order number: 332465

**TOP VALVE for OXYGEN**
Order number: 332466

**TOP VALVE for NITROGEN, ARGON**
Order number: 332464

**TOP VALVE for REFRIGERANTS**
Order number: 332463

**VALVE PROTECTION CAP**
Order number: 332467
Fits all MARIGASES cylinders.

**CYLINDER TROLLEY FOR OX/AC**
Order number: 332456
Light weight trolley for easy on board carriage of 2x40ltr cylinders (OX/AC).