

FLASH ARRESTORS, P/N 20357

**Includes: Flash Arrestor, Oxygen - P/N 20373
Flash Arrestor, Acetylene/Fuel Gas - P/N 20374**

SPECIFICATIONS

Welding Capacity...1"; Cutting Capacity...12"

Maximum Inlet Pressure:

Oxygen...150 psig; Acetylene...15 psig;

Other Fuel Gases...50 psig

Connections (male inlet; female outlet):

Oxygen...CGA-022 (9/16"---18);

Acet./F.G....CGA-023 (9/16"--18 LH)

These flash arrestors are designed for connecting to "B" size hose fittings on a welding or cutting torch. Each contains a sintered stainless steel flame barrier and a spring-loaded reverse flow check valve. In the event of a flashback, the barrier will stop the flame from reaching the check valve and the hose. The check valve will prevent one gas from flowing into the other gas hose. A check valve alone will not stop a flashback.

INSTALLATION

1. Assemble appropriate flash arrestor to each hose fitting of torch and tighten firmly with a wrench. DO NOT overtighten.
2. Connect proper hose to each flash arrestor with one wrench while tightening the hose nut firmly with the other wrench.

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INSTALLATION

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2. Connect proper hose to each flash arrestor with one wrench while tightening the hose nut firmly with the other wrench.

OPERATION

Increase recommended operating pressure by 20% when using welding heads up through size No. 70 and cutting tips to compensate for pressure drop through the flash arrestors. For No. 100 welding heads, increase pressure by 40%.

Do not use flash arrestors when using welding or heating heads larger than size No. 100. The combination of the arrestors and large heads can cause severe overheating and possible damage to the equipment.

MAINTENANCE

Every six months or after 50 flashbacks, whichever occurs first, remove and examine inside each flash arrestor. If they appear clogged with carbon soot or discolored by heat, they should be replaced by new arrestors. Clogged flash arrestors can cause excess pressure drop, overheating, and may not stop a flashback resulting in damage to equipment. If they appear clean, reconnect the arrestors to the torch.

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