

SAFETY AND OPERATING INSTRUCTIONS FLASHBACK ARRESTORS

MODEL NO.H188-R & H188-L FOR TORCH
MODEL NO.H288-R & H288-L FOR REGULATOR

THE FOLLOWING SAFETY AND OPERATING INSTRUCTIONS MUST BE PRACTICED EVERY TIME A FLASHBACK ARRESTOR IS INSTALLED ON WELDING EQUIPMENT. ALL CAUTION STATEMENTS MUST BE STRICTLY FOLLOWED. FAILURE TO ADHERE TO THESE INSTRUCTIONS MAY RESULT IN PERSONAL INJURY OR PROPERTY DAMAGE.

- NOTE:**
- Flashback Arrestors can be attached to gas welding equipment.
 - Flash back Arrestors are designed to stop flashbacks, thus preventing ignition of mixed gases and damage to upstream equipment.
 - Flashback Arrestor have internal check valves, which are designed to prevent the reverse flow of gas, one of the major causes of flashbacks.
 - After installation, always leak test with a leak test solution compatible with the gas being used.
 - For safer operation IOXYGEN recommends installing both the H188-R & H188-L and H288-R & H288-L flashback arrestor kits on an oxygen/acetylene welding cutting system.

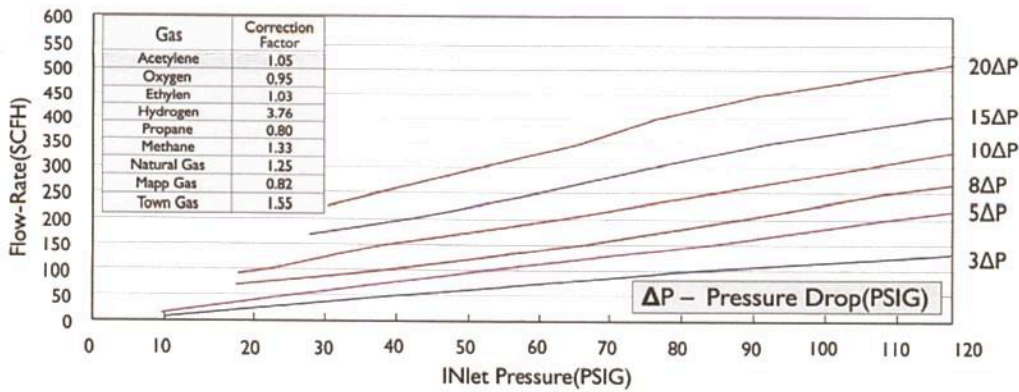
- CAUTION:**
- Never lubricate a flashback arrestor.
 - In the event of a flashback, test internal check valves before resuming use of equipment.
 - Never disassemble or repair a flashback arrestor.

Flashback Arrestors use an internal flame trap to stop a flashback. The flame trap is designed to restrict flow thereby creating a pressure drop. Consult the Flow Specification Chart (Figure1) which provides information to help determine how to compensate for this drop in pressure.

- NOTE:**
- Repeated flashbacks may create a carbon build-up on the flameblock. This will cause a pressure drop greater than shown on the Flow Specification Chart.

Figure 1

Flow Specification Chart



NOTE: The flow curves shown in the chart above are based on air at 70°F. To convert flow of other gases, multiply by the conversion factors shown in the table in the chart.