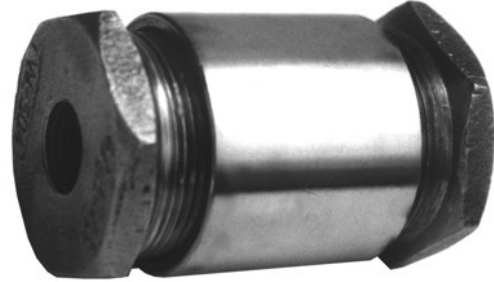




FIRE CHECKS



C-80 Fire Check
18A002-0000



C-100 Fire Check
18A004-0000

Carlisle Fire Checks are safety devices that provide protection against flashback. Flashback is the occurrence of the fire burning backwards down inside the mixed gas feed piping, or gas and/or oxygen lines. When flashback occurs, your system runs serious risk of not only damaging equipment, but also a dangerous fire/explosion hazard if the flashback were to reach a pocket of gas such as a fuel tank or manifold. The Carlisle Fire Check protects against flashback by quenching the fire. However, a Fire Check is not positive closing, like a Carlisle Flashback Arrestor (Bulletin 18B).

The Fire Check is constructed of a hex brass housing on the C-70, C-80, and C-90 models. The C-100, C-110, C-120, and C-130 are offered in a round steel housing or round stainless steel housing. The ends of the housing are threaded to a specified NPT size (see chart). Inside of the housing is a bundle of corrugated monel ribbon.

The Fire Check is placed in line with the gas feed piping. When a flashback travels down the pipe and reaches the Fire Check, the fire is physically quenched by the corrugated ribbon. Since the Fire Check physically quenches the fire, the Fire Check will eventually have to be replaced, as the ribbon inside becomes unusable.

| SS CATALOG NUMBER | STD. CATALOG NUMBER | MODEL NUMBER | PIPE SIZE | BODY LENGTH | BODY SIZE |
|-------------------|---------------------|--------------|------------|-------------|-------------|
| N/A | 18A001-0000 | C-70 | 1/8" NPT | 2 1/4" | 1" HEX |
| N/A | 18A002-0000 | C-80 | 1/4" NPT | 2 1/4" | 1" HEX |
| N/A | 18A003-0000 | C-90 | 3/8" NPT | 2 1/4" | 1 1/8" HEX |
| 18A005-0000 | 18A004-0000 | C-100 | 1/2" NPT | 3 1/2" | 2 3/16" DIA |
| 18A007-0000 | 18A006-0000 | C-110 | 3/4" NPT | 3 1/2" | 2 3/16" DIA |
| 18A009-0000 | 18A008-0000 | C-120 | 1" NPT | 4 1/2" | 2 3/4" DIA |
| 18A011-0000 | 18A010-0000 | C-130 | 1 1/4" NPT | 4 1/2" | 2 3/4" DIA |

Carlisle Machine Works, Inc.,
P.O. Box 746, 412 S. Wade Blvd., Bldg. #5, Millville, NJ 08332
Phone: (856) 825-0627 Fax: (856) 825-5510
Web Site: www.carlislemachine.com E-Mail: carlisle@carlislemachine.com
Toll Free In Continental US (800) 922-1167

