Assists in complying with safety regulations.
Tamper proof.
Compact and safe design.
Low pressure drop.
Automatically resets after failure correction.
High corrosion resistance.
High air pressure rating.

Technical data

**Medium:**
Compressed air, filtered, lubricated and non lubricated inert gases

**Operating pressure:**
Maximum 232 psi (16 bar)
Minimum according to hose length
Drop pressure at shut-off flow: 2 to 4.5 psi (0.14 or 0.3 bar)

**Mounting:**
In-line two way valve. To be inserted between fixed air supply and flexible hose air line. See guidelines for typical installation.

**Operating temperature:**
0°F to 175°F (-20° to 80°C)
**Consult our Technical Service for use below 35°F (2°C)**

**At low temperature ensure air fuse is not subjected to freezing conditions which may prevent its function.**

**Materials**
Body: aluminum
Internal parts: brass
Spring: stainless steel

<table>
<thead>
<tr>
<th>Model</th>
<th>ISO G</th>
<th>Port size</th>
<th>Drop pressure at shut off flow (psi)</th>
<th>Shut off flow rate at 100 psi</th>
<th>Flow at 100 psi DP 1 psi (scfm)</th>
<th>Weight oz.</th>
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</table>

**Flow and pressure test conducted according to ISO-6358 test circuit. Mean measured flow values are provided at standard reference conditions.**

**NPT:** according to ANSI-B1.20.1.
**ISO G:** according to BS2779 and ISO-228/1
**Guidelines for Typical Installation**

The air fuse should be installed directly between fixed or rigid pipework and the flexible tube to protect the whole length of the flexible tube. Only tubing after the air fuse is protected. The air fuse must be installed in the correct orientation. Failure to do this will render it ineffective. When a shut off valve is located before the air fuse, the valve must be opened slowly in order to control initial air flow and avoid decompression effects which may trip the air fuse.

It should be noted that the OSHA standard (29 CFR ChXVII Para 1926.302-b7) relating to pneumatic power tools states “All hoses exceeding 1/2” inside diameter shall have a safety device at the source of supply or branch line to reduce pressure in the case of hose failure.”
How to select an air fuse
a) The port size of the air fuse should be nominally equal to that of the supply lines e.g. a 1/2” (12.7mm) air fuse should be used with a 1/2” (12.7mm) ID hose.
b) Always select the high flow model (91) if there is sufficient system pressure for the length of hose to be protected. See tables hose length vs minimum supply pressure.
c) If there is insufficient system pressure, or long hose lengths are to be protected, use model 90.
d) After installation always test each valve for proper function. See section how to check an air fuse below.
e) The pneumatic system must be capable of delivering the flow required to activate the air fuse.
f) For use with spring coils consult table. See table flow vs pressure supply.

Coiled hose selection table
Selection procedure for coiled hose: Choose the thread size of your hose, the hose internal diameter in inches and the hose length in feet. The minimum supply pressure in psi is shown in the table below and the appropriate air fuse is shown in the left column. The "***" in the middle of the part number represents the thread type — put an “A” for NPT and a “C” for ISO G threads. If no value is shown, it may not be possible to protect your hose with an air fuse. If in doubt, consult a Norgren distributor or Norgren.