

Chicago Pneumatic Air Fuse

Preventing from hose whiplash

In a working environment, operator safety matters as much as productivity does. Think about using air fuses in your air lines.



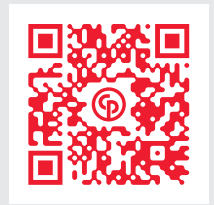
When a fitting comes loose from a pressurized hose or the hose is damaged (sometimes severed completely), the hose starts to blow an excessive amount of air in an uncontrolled way, causing whiplash. This can cause injury and damage to the work place and environment.

A way to avoid this is to use an air fuse.



WATCH THE AIR FUSE IN ACTION!

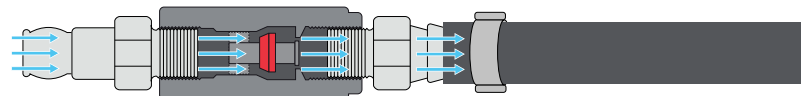
Check out our Expert Corner video on YouTube



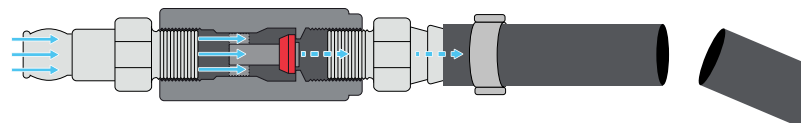
Fixed between the FRL and the hose, this small accessory will prevent from hose whiplash.

It quickly shuts off the supply and resets automatically as soon as back pressure in the line downstream is restored.

NORMAL SITUATION



SHUT-OFF SITUATION



**People.
Passion.
Performance.**

 **Chicago
Pneumatic**

■ How to select your air fuse?

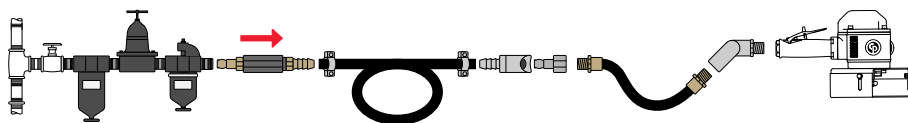
The air fuse should always be selected according to 3 values:

- Maximum tool air consumption (see catalog value),
- Hose diameter and length*,
- Air line thread type.

Model	Step 1		Step 2								Step 3	
	Tool max. air consumption @ 6.3 bars / 90 psi		Inside hose diameter (inch / mm) / Hose maximum length protected (ft / m)								Air line thread type	
	cfm	l/s	1/4" 5 mm	1/4" 6.5 mm	5/16" 8 mm	3/8" 10 mm	7/16" 11 mm	1/2" 13 mm	5/8" 16 mm	3/4" 20 mm	BSP	NPT
AIR FUSE LOW FLOW 1/4	13	6	16.4 ft 5 m	49.2 ft 15 m	65.6 ft 20 m	-	-	-	-	-	6158112420	6158112450
AIR FUSE HIGH FLOW 1/4	21	10	-	16.4 ft 5 m	49.2 ft 15 m	-	-	-	-	-	110402	6158112460
AIR FUSE LOW FLOW 3/8	30	14	-	-	29.5 ft 9 m	49.2 ft 15 m	65.6 ft 20 m	65.6 ft 20 m	-	-	110422	6158112470
AIR FUSE HIGH FLOW 3/8	51	24	-	-	-	26.2 ft 8 m	49.2 ft 15 m	65.6 ft 20 m	-	-	110432	6158112480
AIR FUSE HIGH FLOW 1/2	74	35	-	-	-	-	-	49.2 ft 15 m	65.6 ft 20 m	-	110442	6158112490
AIR FUSE HIGH FLOW 3/4	127	60	-	-	-	-	-	-	49.2 ft 15 m	65.6 ft 20 m	6158112430	6158112500
AIR FUSE LOW FLOW 1	148	70	-	-	-	-	-	-	32.8 ft 10 m	65.6 ft 20 m	6158112440	110542

* If both low flow (LF) & high flow (HF) are compatible after step 2, always select HF model.

■ How to connect your air fuse?

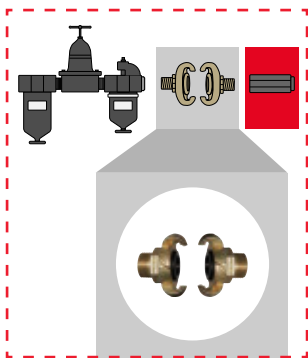


⚠ To ensure proper installation, align the air flow with the arrow drawn on the air fuse.

Step 1: connect to the FRL

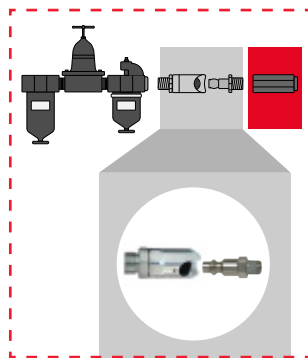
SET-UP 1

2 claw couplings male



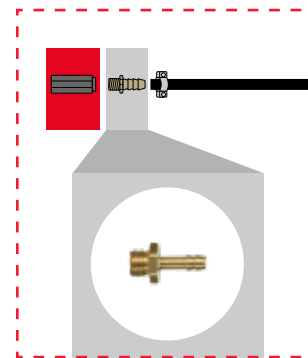
SET-UP 2

Easy Flow (EF) coupling male & nipple male



Step 2: connect to the hose

Use a **screwed** hose connector



For more information, please contact your Chicago Pneumatic partner.