

WITT FLASHBACK ARRESTORS

For reliable protection against dangerous reverse gas flow and flashbacks according to EN 730/ISO 5175-1. Every arrestor 100% tested.

THE BEST FLASHBACK ARRESTORS IN THE WORLD

- A large surface area flame arrestor FA of stainless steel construction extinguishes and dangerous flashback entering the device in any direction.
- A temperature sensitive cut-off valve TV extinguishes sustained flashbacks long before the internal temperature of the arrestors reaches a dangerous level.
- A spring loaded non-return valve NV prevents slow or sudden reverse gas flow forming explosive mixtures in the gas supply.
- A filter at the gas inlet protects the arrestor against dirt contamination, extending the service life (only 85-10 and 85-30)

OPERATION/USAGE

- Flashback Arrestors are used to protect gas cylinders and pipeline outlet points (hoses and any equipment) against dangerous reverse gas flow and flashbacks
- For pipeline outlets an single cylinders with high users for example supply units for gas cutting machines: Models 850-10 and 85-30
- For torches of burners with high flow: Model 85-10NU
- For cutting machines with high flow: Model 85010U
- WITT Flashback Arrestors may be mounted in any position/ orientation
- Only one piece of equipment may be connected to a single Flashback Arrestor
- The maximum ambient/working temperature is 70°C/158°F

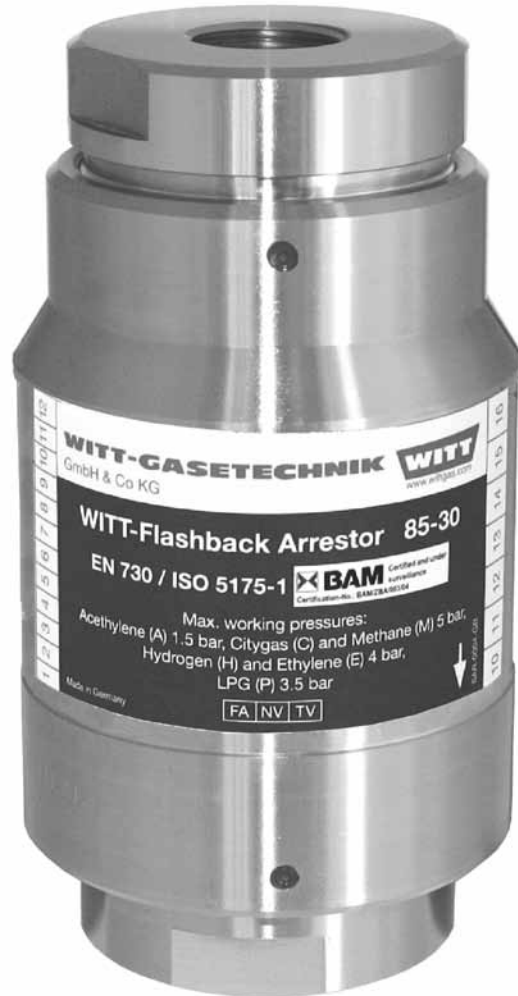
MAINTENANCE

- Annual testing of the non-return valve, body leak tightness and flow capacity is recommended

- WITT is happy to supply special test equipment
- Flashback Arrestors are only to be serviced by manufacturer. The dirt filter may be replaced by competent staff.

APPROVALS

Company certified according to ISO 9001:2000 and ISO 14001
CE-marked according to: PED 97/23/EC



RMI Part No.	Gas	Inlet	Outlet
85-30/F	FUEL GAS	1" FNPT	1" FNPT
85-30/O2	OXYGEN	1" FNPT	1" FNPT
FBA135-045	FUEL GAS	9/16-18LH MALE	9/16-18LH FEMALE
FBA135-048	OXYGEN	9/16-18LH MALE	9/16-18LH FEMALE
FBA135-SET	FUEL/OXYGEN	9/16-18LH MALE	9/16-18LH FEMALE

REGO 9560 SERIES

APPLICATION

The HP9560 Series high pressure brass valves are used on cylinder filling panels, tube trailers, and other high pressure manifolds and piping systems. The HP9560 Series exhibits a very low operating torque under pressure for ease of manual operation.

FEATURES

- 4200 psig maximum working pressure with a 5 to 1 safety factor.
- 5600 PSI maximum working pressure with a 4 to 1 safety factor.
- Non-rising stem design with O-Ring Seal for durable service.
- Large brass handwheel for easy low torque operation under pressure.
- All valves cleaned for use in oxygen per CGA-4.1.
- Temperature range -40° to +165°F.
- 100% factory tested

SOFT SEAT OPTION

The soft seat valves use a CTFE seat disc in the seat retainer to create a “bubble-tight” seal against a machined seat surface on the brass body. Valve Cv is 2.6. The soft seat option is especially useful for small molecule gases like hydrogen and helium, but can be used for a variety of non-corrosive industrial gases including oxygen, argon, nitrogen, carbon dioxide, nitrous oxide and acetylene.

METAL SEAT OPTION

A copper seat disc is used in the seat retainer to create a seal against a Monel body seat which is installed into the body and can be replaced. Valve Cv is 2.3. The metal seat option minimizes the possibility of seat decomposition or ignition in oxygen and can be used in other non-corrosive industrial gases. The metal seat option is not to be used for acetylene due to the copper seat. Not to be applied in hydrogen or helium service or where “bubble-tight” seal is essential (Note: “C” in part number)

MATERIALS

Body, bonnet, stem, and seat retainer, stem seal retaining rings and washer..... Brass
 Stem O-ring..... Viton
 Handwheel washer.....PTFE

RMI Part No.		Inlet Connection	Outlet Connection	Height A	Height B	Height C
Soft Seat	Metal Seat					
HP9560A	HP9560CA	1/2" FNPT	1/2" FNPT	4.36" or *(6.19 for panel mount version)	3.25"	5.5"
HP9560B	HP9560CB	3/4" FNPT	3/4" FNPT		3.25"	
HP9561R	HP9561CR	1" - 11 1/2" NPSM RH	1"-11 1/2" RH F. Swivel		5.27"	
HP9561RL	HP9561CRL	1" - 11 1/2" NPSM RH	1"-11 1/2" NPF LH F. Swivel		5.27"	
HP9561L	HP9561CL	1" - 11 1/2" NPSM LH	1"-11 1/2" RH F. Swivel		5.27"	
HP9563R	HP9563CR	1" - 11 1/2" NPSM RH	1"-11 1/2" NPSM RH		3.79"	
HP9563L	HP9563CL	1" - 11 1/2" NPSM LH	1"-11 1/2" NPSM LH		3.79"	
HP9560ASE	HP9560CASE	.843 - .847	.843 - .847		3.25"	
HP9560BSE	HP9560CBSE	1.053 - 1.057	1.053 - 1.057		3.25"	
HP9560BSE-B	HP9560CBSE-B	1.053 - 1.057	3/4" FNPT		3.25"	

Place “P” at end of part number for panel mount version. 1.625 diameter panel hole required for mounting.

*Call for complete REGO catalog



REGO CRYO-FLOW PRODUCTS

SHERWOOD TYPE 430C FOR MANIFOLD PIPING

HIGH PRESSURE MASTER SHUT-OFF VALVES

Designed specifically for all non-corrosive high pressure compressed gas manifold piping requirements.

- Forged brass body with brass trim designed for use with non-corrosive gases.
- Pressure seal bonnet design assures positive seal.
- "O" ring moisture seal on stem.
- Kel-F seat and Teflon packing.
- Aluminum-Silicon Bronze lower stem for extra long life (Brass if furnished for acetylene).
- Large bar handle for easy operation
- Satisfactory for 6000 psi service (non-corrosive) with exception of oxygen which is 4840 psi at -7° F maximum.
- May be used with gaseous oxygen without additional cleaning.

CYLINDER ACCESSORIES

RMI Part No.	Inlet Thread	Outlet Thread
430C-F	1"-11 1/2 NPS RH (male)	1"-11 1/2 NPS RH (male)
430C-M	1/2" NPT (female)	1/2" NPT (female)
430C-MS	1/2" Pipe Socket Weld	1/2" Pipe Socket Weld
430C-N	3/4" NPT (female)	3/4" NPT (female)
430C-NS	3/4" Pipe Socket Weld	3/4" Pipe Socket Weld
430CX7-M	1/2" Pipe Socket Weld	1/2" NPT (female)
430CX7-N	3/4" Pipe Socket Weld	3/4" NPT (female)
430CX9-FM	1"-11 1/2 NPS RH (male)	1/2" NPT (female)

REPLACEMENT PARTS

RMI Part No.	Description
P430C-32	Complete Kit - contains one of each below:
P430-13	Handwheel gasket
P1200-7	Handwheel nut
P1200-11	Handwheel spring
P430B-6T	Teflon packing
P430CX12-21K	Lower Stem & seal insert assembly
P430B-27-13	Stem "O" ring



Sherwood

