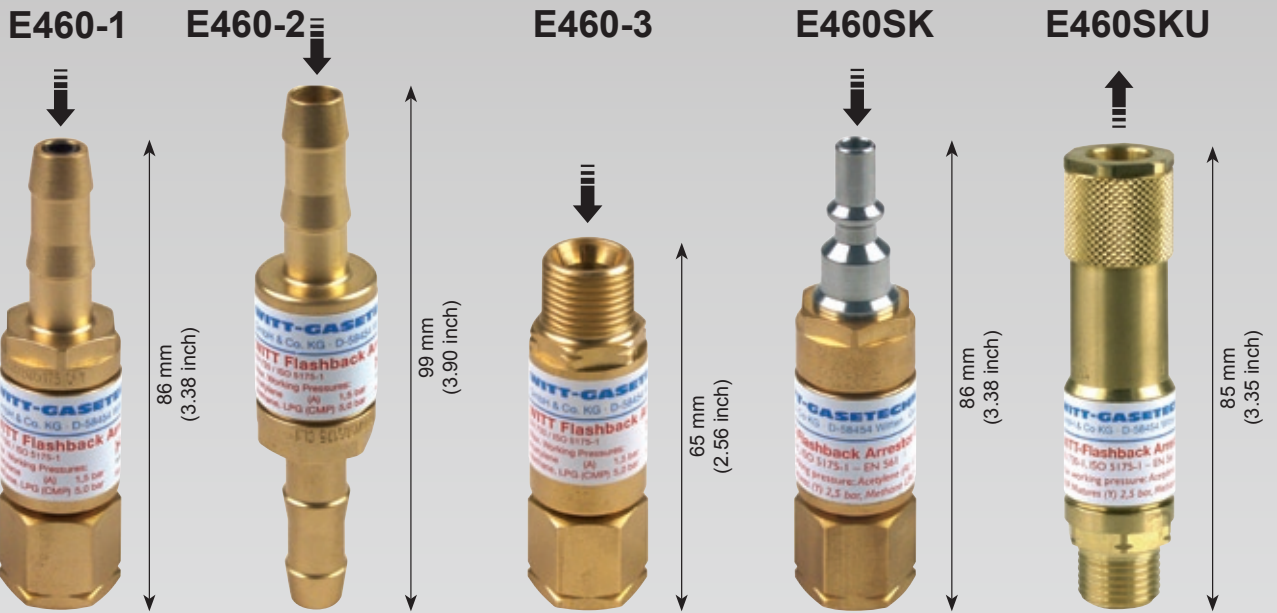


SAFETY DEVICES

www.wittgas.com



**WITT Flashback Arrestors E460 for reliable protection against dangerous gas backflow and flashback according to EN 730 / ISO 5175-1** Certified and under surveillance  
**Every Arrestor 100% tested.**

The best Flashback Arrestors in the world

**Benefits**

- a large surface area flame arrester of stainless steel construction extinguishes any dangerous flashback entering the device in any direction
- a spring loaded non-return valve prevents slow or sudden reverse gas flow forming explosive mixtures in the gas supply
- a filter at the gas inlet protects the arrester against dirt contamination, extending the service life (valid for fuel gas version hose 9 and G 3/8 LH)

**Operation / Usage**

- the Flashback Arrestors of type series E460 may be installed at the inlet of the blowpipe
- model E460-1, E460-3, E460SK and E460SKU may be installed at torches for burners.

The E460SK and SKU conforming to EN 561 / ISO 7289 makes possible the use of the WITT-Couplingsystem SK100 for the fast connection and disconnection of the blowpipe. The E460-2 is for the installation in the hose – not nearer than 1 m in front of the blowpipe

**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 the manufacturer. The dirt filter may be replaced by competent staff

**Approvals**

Company certified according to ISO 9001:2000 and ISO 14001

Product Information

Technical Data

**Coupling body SK100-9 (without non-return valve) for the coupling to E460SK and coupling probes SK100-1 for connection with E460SKU according to EN 561 / ISO 7289**



Model	max. working pressure [bar]	Material	Weight [g]	Outlet coupling body / -probe to EN 561 / ISO 7289	Inlet hose [mm] / female thread EN 560	Order-No.
BODY SK100-9	Acetylene (A) 1.5	Brass Elastomer	94	X	4	150.037
	other fuel gases 20.0				6.3	150.021
					8	150.039
	Oxygen (O) 20.0				9	150.023
					4	150.038
Compressed air (D) 20.0	6.3	150.024				
PROBE SK100-1	Acetylene (A) 1.5	Brass Elastomer	39	X	8	150.040
					other fuel gases 20.0	G 3/8 LH
	Oxygen (O) 20.0					G 1/4 RH
					Compressed air (D) 20.0	G 3/8 RH

other connections available on request

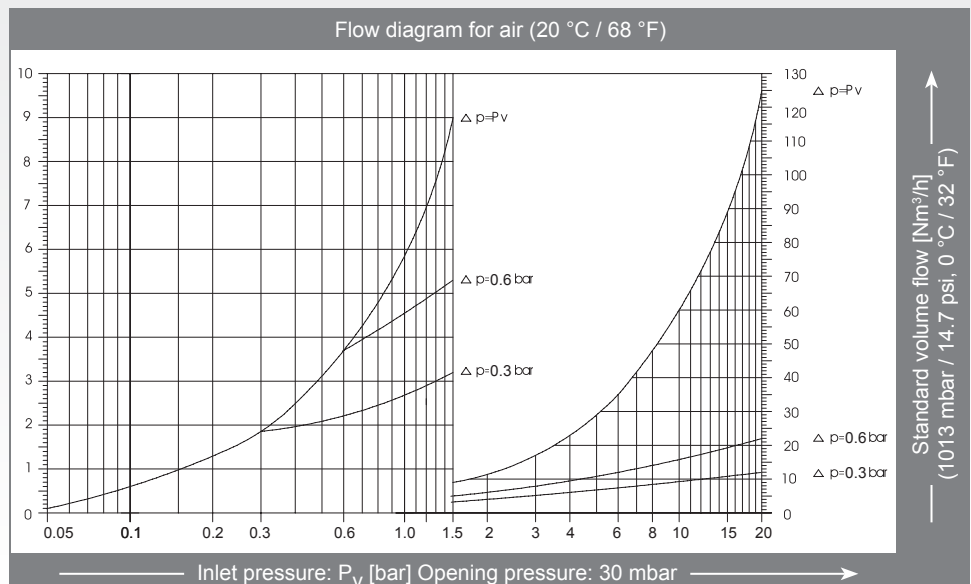
**SAFETY DEVICES**

**WITT Flashback Arrestors E460 for reliable protection against dangerous gas backflow and flashback according to EN 730 / ISO 5175-1** **BAM** Certified and under surveillance

Model	max. working pressure [bar]	Inlet hose [mm]	Inlet coupling probe or -body to EN 561 / ISO 7289	Inlet male tread according to EN 560	Outlet hose [mm]	Outlet female- or male tread according to EN 560	Weight [g]	Material	Order-No.
E460-1	Acetylene (A) 1.5	4				G 3/8 LH	99	Brass Elastomer	135.002
	Town gas (C), Natural gas (M), LPG (P) 5.0	6.3							135.005
	Hydrogen (H) 4.0	8							135.009
		9							135.013
	Oxygen (O) 20.0	4				G 1/4 RH			135.014
	Compressed air (D) 20.0	6.3				G 3/8 RH			135.017
		8							135.022
E460-2	Acetylene (A) 1.5	4			4		93	Brass Elastomer	135.029
	Town gas (C), Natural gas (M), LPG (P) 5.0	6.3			6.3				135.031
	Hydrogen (H) 4.0	8			8				135.032
		9			9				135.034
	Oxygen (O) 20.0	4			4	135.037			
	Compressed air (D) 20.0	6.3			6.3	135.038			
		8			8	135.039			
	9			9	135.040				
E460-3	Acetylene (A) 1.5			G 3/8 LH		G 3/8 LH	107		135.042
	Town gas (C), Natural gas (M), LPG (P) 5.0								135.046
	Hydrogen (H) 4.0								135.094
E460SK	Acetylene (A) 1.5					G 3/8 LH	112	Brass Stainless Steel Elastomer	135SK.114
	Town gas (C), Natural gas (M), LPG (P) 5.0		X			G 1/4 RH			135SK.115
	Hydrogen (H) 4.0		X			G 3/8 RH			135SK.124
E460SKU	Acetylene (A) 1.5					G 3/8 LH	145	Brass Elastomer	135SK.128
	Town gas (C), Natural gas (M), LPG (P) 5.0		X						135SK.127
	Hydrogen (H) 4.0		X			G 1/4 RH			
	Oxygen (O) 20.0								
	Compressed air (D) 20.0								

- E460-1
- E460-2
- E460-3
- E460SK
- E460SKU

Conversion factors:  
 Acetylene x 1.04  
 Butane x 0.68  
 Natural gas x 1.25  
 Methane x 1.33  
 Propane x 0.80  
 Oxygen x 0.95  
 Town gas x 1.54  
 Hydrogen x 3.75



Technical Data

F9 subject to change