

FLASHBACK ARRESTORS E460



E460-1



E460-2



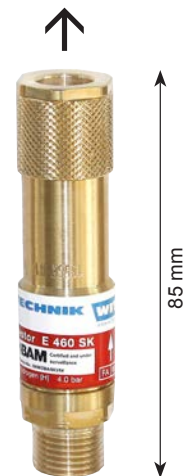
E460-3



E460SK



E460SKU



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



The best Flashback Arrestors in the world

Benefits

- a large surface area flame arrestor [FA] of stainless steel construction extinguishes any dangerous flashback entering the device in any direction
- 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 (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

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) Compressed air (D) 20.0				9	150-023
					4	150-038
PROBE SK100-1	Acetylene (A) 1.5	Brass Elastomer	39	X	6.3	150-024
	other fuel gases 20.0				8	150-040
					Oxygen (O) Compressed air (D) 20.0	G 3/8 LH
						G 1/4 RH
	G 3/8 RH	151-004				

other connections available upon request

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Model	max. working pressure [bar]	Inlet hose [mm]	Inlet coupling probe or -body to EN 561 / ISO 7289	Inlet male thread according to EN 560	Outlet hose [mm]	Outlet female- or male thread 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	G 3/8 LH	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	
		4			4				135-037	
	Oxygen (O) 20.0	6.3			6.3				135-038	
	Compressed air (D) 20.0	8			8				135-039	
		9			9				135-040	
										135-042
E460-3	Acetylene (A) 1.5			G 3/8 LH		G 3/8 LH	107	Brass Elastomer	135-042	
	Town gas (C), Natural gas (M), LPG (P) 5.0								135-046	
	Hydrogen (H) 4.0								135-094	
	Oxygen (O) 20.0			G 1/4 RH		G 1/4 RH				
	Compressed air (D) 20.0			G 3/8 RH		G 3/8 RH				
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						135SK-115	
	Hydrogen (H) 4.0								135SK-124	
	Oxygen (O) 20.0		X			G 1/4 RH				
	Compressed air (D) 20.0		X			G 3/8 RH				
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							
	Hydrogen (H) 4.0									
	Oxygen (O) 20.0		X			G 1/4 RH			135SK-127	
	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

