

STAINLESS STEEL FLASH ARRESTOR

Model 8492-P4FM

DESCRIPTION

The model 8492 is an ideal choice where stainless steel is desired as the material of construction. It may be used on flammable gases other than those approved by UL providing the materials of construction are compatible. When installed in a line containing a flammable gas these units will prevent reverse flow, stop, and extinguish a flashback. The unit shuts off the flow of gas in the event of a flashback or reverse flow in excess of 7 psig. Re-setting is automatic when the downstream pressure is relieved. There is no need to open the gas line and no disassembly or special tools are required.

FEATURES

- UL listed for:
Acetylene @15.0 psig
Hydrogen/air @ 50.0 psig
LPG @50.0 psig
Oxygen @143.0 psig.
- May be used on compatible corrosive flammable gases.
- Reusable – can be reused after a flashback without opening the system or removing from service.
- Stainless steel flame barrier positively extinguishes flame within the housing.
- Checks reverse flow and provides positive shut-off of reverse flow over 7 psig.
- Thermal cut-off.
- Built-in 100 micron filter on inlet.
- High flow capacity.

MATERIALS OF CONSTRUCTION

Body: 316L stainless steel
Internals: stainless steel
Flame barrier: stainless steel
Elastomers: Neoprene

WORKING PRESSURE

Gas	Pressure psig	
	UL	BAM
Acetylene	15.0	22.0
Hydrogen/oxygen	50.0	58.0
Hydrogen/air	150.0	-
Methane/LPG	50.0	72.0
Oxygen	143.0	217.0

HOW TO ORDER

Model	Gas Service	Connections	
		Inlet	Outlet
8492-P4FM-F	flammables	1/4" NPT female	1/4" NPT male
8492-P4FM-O	oxidizers	1/4" NPT female	1/4" NPT male



FLASHBACK APPROVALS

UL
ISO 5175. BS 6158
EN 730 (BAM/DIN)
AS 4603

FLOW PERFORMANCE

Inlet Press. psig	Air Flow SCFH
7.3	231.0
14.5	465.0
21.8	725.0
36.3	1041.0
2.5	1933.0