

## 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 U/L 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 down stream pressure is relieved. There is no need to open the gas line and no disassembly or special tools are required.

### FEATURES

- U/L listed 23Y5 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 (U/L 23Y5)

Gas	Pressure psig
Acetylene	15.0
Hydrogen/air	50.0
Methane/LPG	50.0
Oxygen	143.0

### 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

U/L listed 23Y5  
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
72.5	1933.0