

# REGULATOR AND POINT-OF-SUPPLY FLASHBACK ARRESTERS

## DISPOSITIVOS DE SEGURIDAD PARA REGULADOR Y PUNTOS DE USO

Model DGN and DG91N flashback arresters install easily on the outlet fitting of most regulators and gas supply points. They help meet ANSI Z49.1 2005, OSHA, NFPA safety requirements and protect against the most common causes of accidents such as reverse gas flow, flashback, and hose burn back. Each DGN or DG91N flashback arrester is 100% tested with actual flashbacks and have built in 100 micron inlet filters, reverse flow check valves, flame barriers, and thermal cut off valves. Model DGND includes all the features of the DGN with the addition of a pressure relief valve that vents excess pressure to the atmosphere.



0701-4123

DGN			
TYPE OF GAS	CONNECTION		PART NO.
	INLET	OUTLET	
Fuel Gas (LH)	9/16" UNF <sup>1</sup> F	9/16" UNF <sup>1</sup> M	0701-4123
	1/4" NPT F	1/4" NPT F	EDI-0004
	RR 41/64" <sup>2</sup> F	RR 41/64" <sup>2</sup> M	0701-0299
Hydrogen (LH)	1/4" NPT F	1/4" NPT F	0701-4350*
Oxygen (RH)	9/16" UNF <sup>1</sup> F	9/16" UNF <sup>1</sup> M	0701-4128
	1/4" NPT F	1/4" NPT F	EDI-0001
	RR 41/64" <sup>2</sup> F	RR 41/64" <sup>2</sup> M	0701-0312

\*Model DGNH Hydrogen 143 PSIG

### DGN REGULATOR BLISTER PACK SET

TYPE OF GAS	CONNECTION		PART NO.
	INLET	OUTLET	
(1) Fuel (LH) & (1) Oxygen (RH)	9/16" UNF <sup>1</sup> F	9/16" UNF <sup>1</sup> M	616226-04099



0701-0601 0701-0618

### DGND

TYPE OF GAS	CONNECTION		PART NO.
	INLET	OUTLET	
Fuel (LH) & Oxygen (RH)	9/16" UNF <sup>1</sup> F	9/16" UNF <sup>1</sup> M	0701-0601
Oxygen (RH)	9/16" UNF <sup>1</sup> F	9/16" UNF <sup>1</sup> M	0701-0618



SET OF FLASHBACK ARRESTERS FOR REGULATORS  
DGN  
616226-04099

### DGND REGULATOR BLISTER PACK SET

TYPE OF GAS	CONNECTION		PART NO.
	INLET	OUTLET	
(1) Fuel (LH) & (1) Oxygen (RH)	9/16" UNF <sup>1</sup> F	9/16" UNF <sup>1</sup> M	616226-01188



### FLOW CONVERSIONS

GAS TYPE	CONVERSION FACTOR
Acetylene	1.05
Butane	0.70
Hydrogen	3.79
Propylene	0.80
Methane	1.34
Oxygen	0.95
Propane	0.80
Ethylene	1.35

### WORKING PRESSURE (U/L 23Y5)

GAS	PSIG**
Acetylene	15.0
Hydrogen	50.0
LPG	50.0
Oxygen	143.0

\*\*PSIG = pounds per square inch gauge

### APPROVALS AND STANDARDS

UL Listed 23Y5  
EN 730 (BAM/DIN)  
ISO 5175, BS 6158  
AS 4603

### MATERIALS

Body: Brass, alloy 360  
Internals: Brass  
Elastomers: Neoprene (NPR)

### FOOTNOTES

- 1 CGA Class "B" Connection
  - 2 CGA Connection used by Railroads
  - 3 CGA Class "C" Connection
- F = Female Connection  
M = Male Connection

