

INDUSTRIAL FLASHBACK ARRESTORS



The Industrial Flashback Arrestor can be easily installed on the outlet fitting of most regulators at gas supply points, in gas supply lines, or on torches. CONCOA's flashback arrestors use a dry barrier to quench a flashback. The arrestor helps to meet regulatory requirements and protects against the most common causes of accidents such as reverse flow, flashback, and hose burnback. Each flashback arrestor has a built-in, 100-micron inlet filter, reverse flow check valve (non-return valve), flame barrier, and thermal cut-off valve. Arrestors comply with ISO 5175 and arrestor parts are certified cleaned suitable for use with Oxygen service. CONCOA flashback arrestors provide the reliability and safety required in facilities where oxy-fuel welding, heating, and cutting are being performed.



8017011, 8017012, 8017016 shown

Typical Applications

- Rugged Oxyfuel Heating, Brazing, and Cutting
- Acetylene and Other Fuel Gas Applications
- Thermal Spray

Features

Thermal Shut-off prevents excessive temperatures

Internal Flame Barrier protects against reverse flame through hoses

Spring-loaded Check Valve prohibits unintentional gas backflow and prevents dangerous gas mixtures

Re-settable Pressure Control stops the gas flow

Micron Inlet Filter resists contamination and promotes long

Materials and Specifications

Inlet Filter: 100-micron

Operating Temperature: -20°F to 140°F (-29°C to 60°C)

Conformances: ANSI Z49.1:2005 approved

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Ordering Information

Part Number	Description	Connections	Max PSIG	Max SCFH @ Max PSIG
801 7001	Regulator Mount, Medium Flow Autostop Arrestor for Fuel Gases (Acetylene, Hydrogen, LPG)	9/16 in -18 (B) LH Int/Ext	15 PSIG Acetylene; 50 PSIG Hydrogen and LPG	508 SCFH Acetylene; 5213 SCFH Hydrogen; 1100 SCFH LPG
801 7002	Regulator Mount, Medium Flow Autostop Arrestor for Oxygen	9/16 in -18 (B) RH Int/Ext	143 PSIG	3745 SCFH
801 7003	Regulator Mount, Medium Flow Arrestor for Fuel Gases (Acetylene, Hydrogen, LPG)	9/16 in -18 (B) LH Int/Ext	15 PSIG Acetylene; 50 PSIG Hydrogen and LPG	349 SCFH Acetylene; 3308 SCFH Hydrogen; 698 SCFH LPG
801 7004	Regulator Mount, Medium Flow Arrestor for Oxygen	9/16 in -18 (B) RH Int/Ext	143 PSIG	2307 SCFH
801 7005	Regulator Mount, High Flow Arrestor for Fuel Gases (Acetylene, Hydrogen, LPG)	9/16 in -18 (B) LH Int/Ext	15 PSIG Acetylene; 50 PSIG Hydrogen and LPG	508 SCFH Acetylene; 5213 SCFH Hydrogen; 1100 SCFH LPG
801 7006	Regulator Mount, High Flow Arrestor for Oxygen	9/16 in -18 (B) RH Int/Ext	143 PSIG	3745 SCFH
801 7007	Torch Mount, Moderate Flow Arrestor for Fuel Gases (Acetylene, Hydrogen, LPG)	9/16 in -18 (B) LH Int/Ext	15 PSIG Acetylene; 50 PSIG Hydrogen and LPG	224 SCFH Acetylene; 2490 SCFH Hydrogen; 526 SCFH LPG
801 7008	Torch Mount, Moderate Flow Arrestor for Oxygen	9/16 in -18 (B) RH Int/Ext	143 PSIG	1835 SCFH
801 7009	Regulator Mount, High Flow Brass Arrestor for Fuel Gases (Acetylene, Hydrogen, LPG)	1/4 in FNPT	15 PSIG Acetylene; 50 PSIG Hydrogen and LPG	508 SCFH Acetylene; 5213 SCFH Hydrogen; 1100 SCFH LPG
801 7010	Regulator Mount, High Flow Brass Arrestor for Oxygen	1/4 in FNPT	143 PSIG	3745 SCFH
801 7011	Regulator Mount, High Flow Arrestor for Fuel Gases (Acetylene, Hydrogen, LPG)	3/8 in FNPT	15 PSIG Acetylene; 50 PSIG Hydrogen and LPG	508 SCFH Acetylene; 5213 SCFH Hydrogen; 1100 SCFH LPG
801 7012	Regulator Mount, High Flow Arrestor for Oxygen	3/8 in FNPT	143 PSIG	3745 SCFH
801 7013	Regulator Mount, High Flow Stainless Steel Arrestor for Fuel Gases (Acetylene, Hydrogen, LPG)	1/4 in FNPT	15 PSIG Acetylene; 50 PSIG Hydrogen and LPG	508 SCFH Acetylene; 5213 SCFH Hydrogen; 1100 SCFH LPG
801 7014	Regulator Mount High Flow Stainless Steel Arrestor for Oxygen	1/4 in FNPT	143 PSIG	3745 SCFH
801 7015	Pipeline and Point-of-Supply Arrestor for Fuel Gases (Acetylene, Hydrogen, LPG)	1 in FNPT	15 PSIG Acetylene; 50 PSIG Hydrogen and LPG	1226 SCFH Acetylene; 13,646 SCFH Hydrogen; 2880 SCFH LPG
801 7016	Pipeline and Point-of-Supply Arrestor for Oxygen	1 in FNPT	143 PSIG	10,063 SCFH