

QUICK-CONNECTS FOR WELDING EQUIPMENT

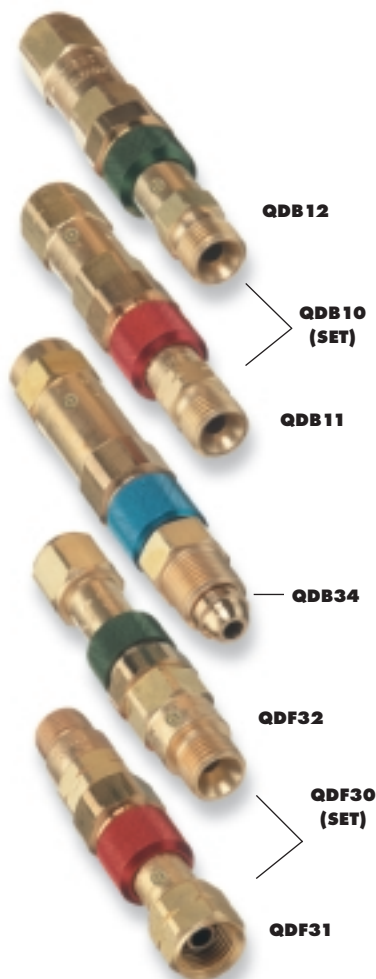
Western's Quick Connects provide fast, reliable and positive connections and quick disconnections for torches, hoses and regulators. All models are color-coded for gas service for added safety (oxygen/green, fuel gas/red, inert gas/blue). Oxy/fuel gas models include integral reverse flow Check Valves. Quick Connects fit all B-size welding and cutting equipment.

FEATURES & SPECIFICATIONS:

- Brass construction provides long service life- cycle tested over 10,000 operations indicating a service life of 10 to 12 years of comparable use
- Non-interchangeable Oxygen and Fuel Gas connectors prevent accidental gas mixing
- Instant closure on reverse flow Check Valves with total shutoff at only 10 oz. of back pressure
- Exceed CGA flow specifications- 1100 SCFH flow at 125 PSIG inlet pressure and 800 SCFH flow at 125 PSIG inlet pressure when 2 additional check valves are used in conjunction with the Quick Connects
- Spring loaded locking mechanism responds to fingertip action and achieves a gas-tight connection
- For inert gas models, demand valve on supply side creates a positive seal when fitting is not connected
- Double seal socket connection on second seal provides added safety protection
- Installation and operating instructions included

QUICK CONNECTS-SETS

PART NO.	DESCRIPTION	COMPONENTS
QDB10*	Torch-to-Hose Set w/Check Valves	QDB11 - Fuel Gas QDB12 - Oxygen/Inert
QDB20*	Hose-to-Hose Set w/Check Valves	QDB21 - Fuel Gas QDB22 - Oxygen/Inert
QDB30*	Regulator-to-Hose w/Check Valves	QDB31 - Fuel Gas QDB32 - Oxygen



QUICK CONNECTS-INDIVIDUAL UNITS

PART NO.	DESCRIPTION	COMPONENTS
Torch-to-Hose		
QDB11*	Fuel Gas w/Check Valve	QDB200 - Male Plug QDB201 - Female Socket
QDB12*	Oxygen/Inert Gas w/Check Valve	QDB100 - Male Plug QDB101 - Female Socket
Hose-to-Hose		
QDB21*	Fuel Gas w/Check Valve	QDB205 - Male Plug QDB201 - Female Socket
QDB22*	Oxygen/Inert Gas w/Check Valve	QDB105 - Male Plug QDB101 - Female Socket
Regulator-to-Hose		
QDB31*	Fuel Gas w/Check Valve	QDB205 - Male Plug QDB206 - Female Socket
QDB32*	Oxygen w/Check Valve	QDB105 - Male Plug QDB106 - Female Socket
QDB33*	Inert Gas - Regulator-to-Hose	QDB300 - Male Plug QDB301 - Female Socket
QDB34*	Inert Gas - Hose-to-Machine	QDB302 - Male Plug QDB303 - Female Socket

* Sold in retail clamshell packaging

WESTERN FLASHBACK ARRESTORS—OXY/FUEL GAS

Welders rely on Western's advanced Flashback Arrestors to help prevent serious incidents caused by reverse gas flows or flashbacks. Western's Flashback Arrestors are designed to stop flashbacks by preventing ignition of mixed gases and to protect equipment such as hoses, regulators and cylinders.

FEATURES AND SPECIFICATIONS

- Color-coded for gas service to provide added safety—oxygen (green), fuel gas (red)
- Internal check valves designed to prevent reverse flow and accidental mixing of oxygen and fuel gases
- Maximum operating pressures are 15 PSIG for acetylene, 22 PSIG for other fuel gases, and 125 PSIG for oxygen
- Rated capacity of 40 SCFH with a 5 PSIG pressure drop
- Torch and Regulator models provide downstream and upstream protection
- 10" maximum cutting capacity
- Reusable; manual resetting not required
- UL listed and 100% tested
- Complete installation, testing and operating instructions included
- Safe-Mate models feature quick connect design for quick and easy installation and disconnection

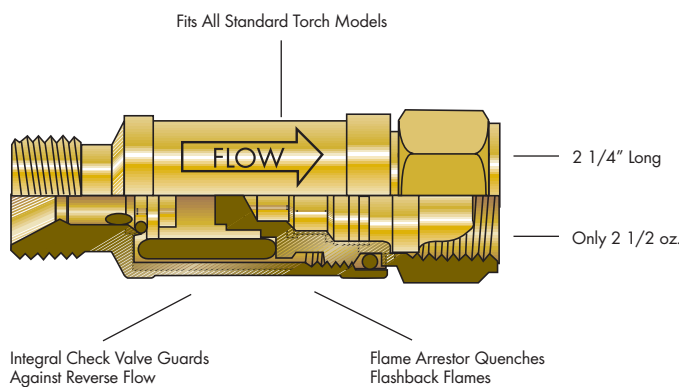
PART NO.	DESCRIPTION	COMPONENTS
FLASHBACK ARRESTOR SETS		
FA-10*	Flashback Arrestor Set, Torch Style	FA-100P, FA-200P
FA-30*	Flashback Arrestor Set, Regulator Adaptor Style	FA-130-P, FA-230-P
FLASHBACK ARRESTOR COMPONENTS		
FA-100-P	Flashback Arrestor, Oxygen, Torch Style	
FA-200-P	Flashback Arrestor, Fuel Gas, Torch Style	
FA-130-P	Flashback Arrestor, Oxygen, Regulator Adaptor Style	
FA-230-P	Flashback Arrestor, Fuel Gas, Regulator Adaptor Style	

FLASHBACK ARRESTORS
B-SIZE, 9/16" - 18

*Sold in retail clamshell packaging

SAFEMATES—QUICK CONNECT SETS WITH BUILT-IN FLASHBACK ARRESTORS

PART NO.	DESCRIPTION
QDF10	Torch-to-Hose Set w/Check Valves (Oxy/Fuel Gas)
QDF30	Regulator-to-Hose (Oxy/Fuel Gas)



RESPECT WELDING EQUIPMENT

- A 2" diameter balloon filled with mixed welding gases has the explosive power of an M-80 firecracker.
- A 9" diameter balloon filled with mixed welding gases has an explosive power of 90 times greater than one M-80.
- The mixed gas in 100 feet of 1/4 inch hose is enough to fill a 9" diameter balloon.
- Mixed Oxygen/Acetylene explosions travel at the rate of 5000 feet per second.



WESTERN FLASHBACK ARRESTORS—BODIES & CGA ASSEMBLIES

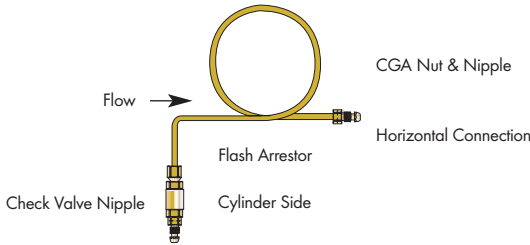
Flashback Arrestor Bodies and Assemblies are available for special applications. Flashback Arrestor Bodies consist of 1/4" F and 1/4" M NPT connections. Assemblies for Adaptors and Pigtailes consist of standard CGA connections on both the inlet and outlet sides of a Flashback Arrestor Body. Western also offers assemblies with ball seat check

valves for the inlet side of the Flashback Arrestor Body.

Flashback Arrestor Bodies extinguish flashes or flames before they reach the cylinder. Flashback Arrestor Assemblies are designed for installation on acetylene cylinders to prevent flashbacks into the cylinder.

These Flashback Arrestor Bodies/Assemblies can be used in any lead not exceeding 3/8" pipe size which connects an acetylene cylinder to a regulator, manifold or other equipment. Rated flow capacity is 40 SCFH with a 5 PSIG pressure drop. These units are factory assembled and 100% tested for service.

FLASHBACK ARRESTORS—BODIES CGA ADAPTOR ASSEMBLIES	PART NO.		DESCRIPTION
	 <p>FA-2CV</p>  <p>CGA-510 Nut & Check Valve Nipple CGA-510 Cylinder Valve</p> <p>FA-510CV</p>		
FA-2			1/4" NPT Female x 1/4" NPT Female
	FA-2CV		with Female Inlet Nut Check Valve
	FA-3		1/4" NPT Female x 1/4" NPT Male
	FA-3CV		with Female Inlet Nut Check Valve
			FLASHBACK ARRESTOR W/ADAPTOR ASSEMBLIES
	FA-300		CGA-300 Commercial Acetylene
	FA-300CV		CGA-300 Commercial Acetylene w/Inlet Check Valve
	FA-510		CGA-510 POL Acetylene
	FA-510CV		CGA-510 POL Acetylene w/Inlet Check Valve

PART NO.	W/CV	DESCRIPTION	SERVICE	MANIFOLD PIGTAIL WITH FLASH ARRESTOR  <p>CGA Nut & Nipple Horizontal Connection Flash Arrestor Cylinder Side Check Valve Nipple</p> <p>FP-510PCV</p>
FP-510	FP-510CV	Horizontal, 24" length	CGA 510, POL Acetylene	
FP-510P	FP-510PCV	Horizontal, 18" length	CGA 510, POL Acetylene	

Please Note: Using Flashback Arrestors w/Check Valves as a precaution to avoid potentially dangerous situations is not a substitute for careful handling or strict adherence to safety rules and procedures for handling high pressure gases. Users should not tamper with the internal components of a Flashback Arrestor. Flashback Arrestors cannot be cleaned or refilled after any flash in the system. They must be replaced if the pressure drop through the Arrestor reaches 10 PSIG or more at a rated capacity of 40 SCFH.