

Safety Accessories

FLASHBACK ARRESTORS, CHECK VALVES

Flamebuster™ Flashback Arrestors

Flashback arrestors and reverse flow check valves provide additional protection against flashbacks. Victor recommends the use of these devices whenever possible. Victor add-on flashback arrestors contain both a reverse flow check valve and a flashback arrestor.

Due to the high flow requirements of Victor Heavy

Due to the high flow requirements of Victor Heavy Industry torches, it is important to use flashback arrestors that have sufficient flow capacity.

IT IS IMPORTANT TO UNDERSTAND THE DIFFERENCE BETWEEN REVERSE FLOW CHECK VALVES AND FLASHBACK ARRESTORS.

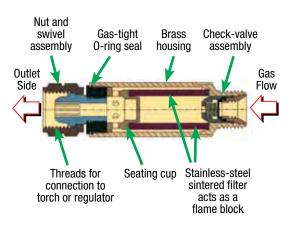
Reverse Flow Check Valves: Helps to prevent the reverse flow of gases from traveling past the check valve.

Flashback Arrestors: Prevents a flame from traveling past the flashback arrestor in the event of a flashback.

Note: The use of both regulator and torch mount flashback arrestors with heavy industry equipment requiring high gas volume is not recommended because it may cause excessive flow restriction. It is always better to place the safety devices at the rear of the torch than at the regulator in order to protect the hose

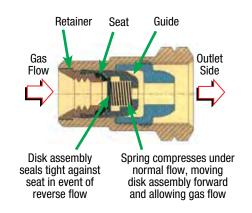
The Flashback Arrestor

Prevents flashback



The Check Valve

Prevents the reverse flow of gases



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FLASHBACK ARRESTORS, CHECK VALVES

FBHC-0

High Flow Torch Mount

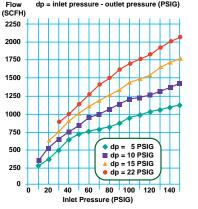


FBHC-OR

High Flow Regulator Mount



Flow Chart - FBHC Series Flashback Arrestor



FBHC-OC

High Flow Torch Mount



FBHC-ORC

High Flow Regulator Mount



Gas	Conversion Factor	Max. Pressure
Acetylene	1.05	15 PSI
Hydrogen	3.79	30 PSI
Марр	0.82	22 PSI
Methane	1.34	50 PSI
Oxygen	0.95	143 PSI
Propane	0.80	50 PSI

Victor add-on flashback arrestors contain both a reverse flow check valve and a flashback arrestor

Flamebuster High Flow Ordering Information

Part No.	Model No.	Gas	Description	Connection
Oxygen – Torch Mou	nt (Torch mount model	s also protect hose)	
0657-0076	FBHC-0	Oxygen	Torch Mount - High Flow	"B" 9/16"-18 RH (CGA 022)
0657-0077	FBHC-0C	Oxygen	Torch Mount - High Flow	"C" 7/8" - 14 RH (CGA 024)
Oxygen – Regulator I	N ount			
0657-0078	FBHC-OR	Oxygen	Regulator Mount - High Flow	"B" 9/16" - 18 RH (CGA 022)
0657-0079	FBHC-ORC	Oxygen	Regulator Mount - High Flow	"C" 7/8" - 14 RH (CGA 024)

Flow rates shown in chart are for air. To convert to other gases, multiply the air flow rate by the conversion factor listed. Nothing can take the place of proper equipment operation. Always read, understand and follow the instructions provided with each product.

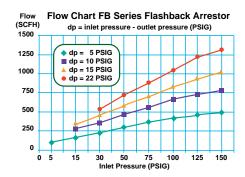


FB-O
Torch Mount



FB-ORRegulator Mount





FB-F

Torch Mount



FB-FR Regulator Mount



Gas	Conversion Factor	Max. Pressure
Acetylene	1.05	15 PSI
Hydrogen	3.79	30 PSI
Methane	1.34	50 PSI
Oxygen	0.95	150 PSI
Propane	0.80	50 PSI

Victor add-on flashback arrestors contain both a reverse flow check valve and a flashback arrestor

Flamebuster Ordering Information

Part No.	Model No.	Gas	Description	Connection
Oxygen - Torch Mount				
0657-0010	FB-0	Oxygen	Torch Mount	"B" 9/16"-18 RH (CGA 022)
Oxygen - Regulator Mo	unt			
0657-0014	FB-OR	Oxygen	Regulator Mount	"B" 9/16"-18 RH (CGA 022)
Fuel - Torch Mount				
0657-0011	FB-F	Fuel	Torch Mount	"B" 9/16"-18 LH (CGA 023)
Fuel - Regulator Mount				
0657-0015	FB-FR	Fuel	Regulator Mount	"B" 9/16"-18 LH (CGA 023)
Pair Packs				
0656-0001	FB-1	Oxy/Fuel	Torch Mount	"B" 9/16"-18 RH/LH (CGA 022 & 023)
0656-0004	FBR-1	Oxy/Fuel	Regulator	"B" 9/16"-18 RH/LH (CGA 022 & 023)

Flow rates shown in chart are for air. To convert to other gases, multiply the air flow rate by the conversion factor listed. Nothing can take the place of proper equipment operation. Always read, understand and follow the instructions provided with each product.

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FlameBuster[™] Plus Flashback Arrestor with Kwik-Connect Coupling

Designed to prevent flashback from torch to hose (Not for regulators)



Part No.	Model	Description
0656-0002	FBP-1	FlameBuster Plus Torch - Pair Pack
0657-0002	FBP-0	FlameBuster Plus Torch
0657-0003	FBP-F	FlameBuster Plus Torch

FlameBuster Plus Flashback Arrestor with Kwik-Connect Coupling Components FBP-1

Part No.	Gas	Description
0657-0031	Oxygen	Male End
0657-0032	Fuel Gas	Male End

Reverse Flow Check Valves for Torches & Regulators



Part No.	Description				
	Torch Models				
0690-0011	CTO & CTF Torch - Check Valves Pair Pack (Oxygen & Fuel)				
0690-0032	CTO Torch - Check Valve (Oxygen)				
0690-0033	CTF Torch - Check Valve (Fuel)				
	Regulator Models				
0690-0012	CRO & CRF Regulator - Check Valves Pair Pack (Oxygen & Fuel)				
0690-0034	CRO Regulator - Check Valve (Oxygen)				
0690-0035	CRF Regulator - Check Valve (Fuel)				

Vanguard[™] Flashback Arrestor Replacement Cartridge



Part No.	Description
	Torch/Hose Connections
0657-0036	Torch and Torch Handle Replacement Cartridge (315FC, 100FC, J 100FC) (CST 800FC) (Both Gases)
0657-0068	Torch and Torch Handle Replacement Cartridge (H 315FC) (Oxygen)
0657-0069	Torch and Torch Handle Replacement Cartridge (H 315FC) (Fuel Gas)
Flashback arrestor replacement cartridges include an "0" ring but does not include a replacement reverse flow check valve. Part No. 0690-0027 - 9/16" (pair)	

Built-in Flash Arrestor Retro-Fit Kit

The retro-fit kit allows replacement of built-in flash arrestors for cutting torches without the use of Loctite® or heat

Part No.	Description
	Torch/Hose Connections
0656-0046	Includes oxygen and fuel cartridges, retainer plate and screws, hex key, and instructions

Kwik-Connect[™] **Torch/Hose Connections**



Part No.	Description	
	Torch/Hose Connecions	
0656-0000	KC-1 Kwik Connect Pair Pack (Oxygen and Fuel)	
0312-0090	KCO Kwik Connect (Oxygen)	
0312-0091	KCF Kwik Connect (Fuel)	