

VICTOR[®]

Professional

Straight Torches

GAS APPARATUS EQUIPMENT

**QUICK REFERENCE
PRODUCT GUIDE**



Absolutely the Best . . . Period!

www.victorequip.com

Straight Torches

Victor straight cutting torches are the preferred choice of operator's because of

**superior quality,
high performance
and versatility.**

The torches are available in models to suit most cutting requirements and designed to provide superior performance.

Whether your application is light cutting, fabrication, steel production or shipbuilding,

Victor has the torch for you!

ST 2600FC

0381-1480



ST 1000FC

0381-1641



ST 900FC

0381-1621



CST 800FC

0381-0392



Section 1

[starts on next page]

Straight Torch models with built-in Flashback Arrestors & Reverse

Flow Check Valves:

ST 2600FC Series

ST 1000FC Series

ST 900FC Series

ST 800FC Series

Section 2

[starts on page 9]

Straight Torch models **without Flashback Arrestors**

Check model information for

Straight Torches with Reverse Flow

Check Valves:

HC 1200C Series

HC 1500C Series

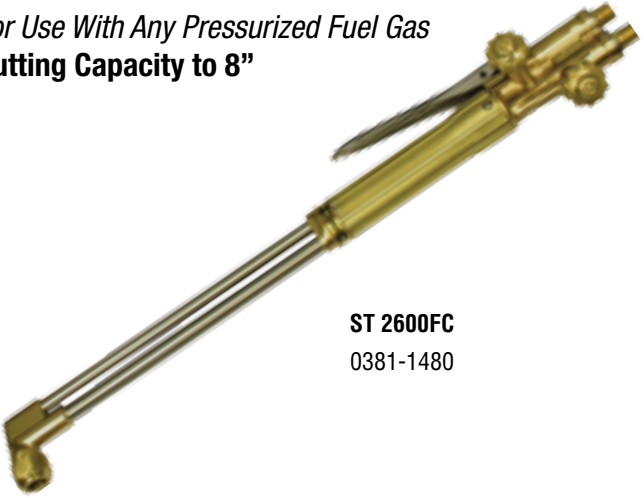
HC 1100C Series

HC 1400 Series

Section 1

Straight Torch with Built-in Flashback Arrestors and Reverse Flow Check Valves

For Use With Any Pressurized Fuel Gas
Cutting Capacity to 8"



ST 2600FC

0381-1480

ST 2600FC Series

- 2-tube Design
- ANY Pressurized Fuel Gas Including Acetylene

ST 2600FC Series Ordering Information

Part Number	Model Number	Lever Position	Tip Series	Head Angle	Overall Length
0381-1486	SST 2600FC	Top Rear	1	90	17"/43cm
0381-1487	SST 2601FC	Top Rear	1	75	17"/43cm
0381-1480	ST 2600FC	Top Rear	1	90	21"/53cm
0381-1482	ST 2601FC	Top Rear	1	75	21"/53cm
0381-1484	ST 2602FC	Top Rear	1	180	21"/53cm
0381-1490	ST 2610FC	Top Rear	1	90	27"/43cm
0381-1491	ST 2611FC	Top Rear	1	75	27"/43cm
0381-1496	ST 2630FC	Top Rear	1	90	36"/91cm
0381-1498	ST 2631FC	Top Rear	1	75	36"/91cm
0381-1500	ST 2632FC	Top Rear	1	180	36"/91cm
0381-1502	ST 2650FC	Top Rear	1	90	48"/122cm
0381-1503	ST 2651FC	Top Rear	1	75	48"/122cm
0381-1504	ST 2652FC	Top Rear	1	180	48"/122cm
0381-1506	ST 2670FC	Top Rear	1	90	72"/184cm
0381-1508	ST 2671FC	Top Rear	1	75	72"/184cm
0381-1510	ST 2672FC	Top Rear	1	180	72"/184cm

Straight Torch with Built-in Flashback Arrestors and Reverse Flow Check Valves

For Use With Any Pressurized Fuel Gas
Cutting Capacity to 5"



ST 1000FC
0381-1641

ST 1000FC Series

- 3-tube Design
- ANY Pressurized Fuel Gas Including Acetylene

ST 1000FC Series Ordering Information

Part Number	Model Number	Lever Position	Tip Series	Head Angle	Overall Length
0381-1640	SST 1000FC	Bottom Rear	1	90	17"/43cm
0381-1642	SST 1001FC	Bottom Rear	1	75	17"/43cm
0381-1641	ST 1000FC	Bottom Rear	1	90	21"/53cm
0381-1643	ST 1001FC	Bottom Rear	1	75	21"/53cm
0381-1644	ST 1030FC	Bottom Rear	1	90	36"/91cm
0381-1645	ST 1031FC	Bottom Rear	1	75	36"/91cm
0381-1646	ST 1032FC	Bottom Rear	1	180	36"/91cm
0381-1647	ST 1050FC	Bottom Rear	1	90	48"/122cm
0381-1648	ST 1051FC	Bottom Rear	1	75	48"/122cm
0381-1649	ST 1052FC	Bottom Rear	1	180	48"/122cm

Section 1

Straight Torch with Built-in Flashback Arrestors and Reverse Flow Check Valves

For Use With Any Pressurized Fuel Gas

Cutting Capacity to 5"



ST 900FC

0381-1621

ST 900FC Series

- 3-tube Design
- ANY Pressurized Fuel Gas Including Acetylene

ST 900FC Series Ordering Information

Part Number	Model Number	Lever Position	Tip Series	Head Angle	Overall Length
0381-1620	SST 900FC	Top Rear	1	90	17"/43cm
0381-1622	SST 901FC	Top Rear	1	75	17"/43cm
0381-1621	ST 900FC	Top Rear	1	90	21"/53cm
0381-1623	ST 901FC	Top Rear	1	75	21"/53cm
0381-1624	ST 930FC	Top Rear	1	90	36"/91cm
0381-1625	ST 931FC	Top Rear	1	75	36"/91cm
0381-1626	ST 932FC	Top Rear	1	180	36"/91cm
0381-1629	ST 950FC	Top Rear	1	90	48"/122cm
0381-1630	ST 951FC	Top Rear	1	75	48"/122cm

**Straight Torch with Built-in Flashback Arrestors
and Reverse Flow Check Valves**

For Use With Any Pressurized Fuel Gas

Cutting Capacity to 3"



CST 800FC
0381-0392

CST 800FC Series

- Small Lightweight 2-tube Design
- ANY Pressurized Fuel Gas Including Acetylene

CST 800FC Series Ordering Information

Part Number	Model Number	Lever Position	Tip Series	Head Angle	Overall Length
0381-0392	CST 800FC	Top Front	3	90	17"/43cm

Section 2

HC 1500C

0381-0444

HC 1200C

0381-1402

HC 1400

0381-0774

HC 1100C

0381-1703



Section 2

The high capacity straight torches in this Section 2 are designed for heavy cutting applications found in such industries as scrapping, demolition, and foundries.

 **WARNING** 
Use flashback arrestors

Although **built to Victor's quality and safety standards**, due to the cutting capacity and/or design of each torch, flashback arrestors are not manufactured into these Victor Heavy Industry Torches.

To reduce the risk of personal injury, death and/or property damage, use sufficient capacity flashback arrestors with all Victor Heavy Industry Torch Products.

Alternative fuel gas only refers to Propane, Natural Gas, Propylene Gases and MAPP[®]. Acetylene, Hydrogen and Gasoline are **NOT** included as an alternative gas.

Section 2

Straight Torch **without Built-in Flashback Arrestors.
With Reverse Flow Check Valves**

For Use With Any Pressurized Gas

Cutting Capacity to 18"



HC 1200C

0381-1402

HC 1200C Series

- Use of High Flow Flashback Arrestors Is Recommended
- Best for High Flow Applications
- 2-tube Design
- Refer to FlameBuster® Flashback Arrestor FBHC High Flow Series Information on Page 14

HC 1200C Series Ordering Information

Part Number	Model Number	Lever Position	Tip Series	Head Angle	Overall Length
0381-1402	HC 1200C	Top Rear	1	90	21"/53cm
0381-1403	HC 1201C	Top Rear	1	75	21"/53cm
0381-1404	HC 1202C	Top Rear	1	180	21"/53cm
0381-1405	HC 1230C	Top Rear	1	90	36"/91cm
0381-1406	HC 1231C	Top Rear	1	75	36"/91cm
0381-1407	HC 1232C	Top Rear	1	180	36"/91cm
0381-1408	HC 1250C	Top Rear	1	90	48"/122cm
0381-1409	HC 1251C	Top Rear	1	75	48"/122cm
0381-1415	HC1252C	Top Rear	1	180	48"/122cm
0381-1412	HC 1270C	Top Rear	1	90	72"/184cm
0381-1413	HC1271C	Top Rear	1	75	72"/184cm
0381-1414	HC1272C	Top Rear	1	180	72"/184cm

Straight Torch **without** Built-in Flashback Arrestors **Without** Reverse Flow Check Valves

For Use With Propane or Pressurized Natural Gas

Cutting Capacity to 30"



HC 1431C
0381-0774

HC 1400 Series

- Use of High Flow Flashback Arrestors is Recommended
- Use Accessory Reverse Flow Check Valves
- 2-tube Heavy Duty Design
- Ideal for Mill and Foundry Applications
- Use Genuine Victor HDNL Series Cutting Tips
- Lock Down Lever; 7/16" -14 RH Oxygen Inlet
- Refer to FlameBuster[®] Flashback Arrestor FBHC High Flow Series Information on Page 14

HC 1400C Series Ordering Information

Part Number	Model Number	Lever Position	Tip Series	Head Angle	Overall Length
0381-0773	HC 1430	Top Rear	HDNL	90	36"/91cm
0381-0774	HC 1431	Top Rear	HDNL	75	36"/91cm
0381-0775	HC 1432	Top Rear	HDNL	180	36"/91cm
0381-0776	HC 1450	Top Rear	HDNL	90	48"/122cm
0381-0777	HC 1451	Top Rear	HDNL	75	48"/122cm
0381-0778	HC 1452	Top Rear	HDNL	180	48"/122cm
0381-0782	HC 1460	Top Rear	HDNL	90	60"
0381-0783	HC 1461	Top Rear	HDNL	75	60"
0381-0784	HC 1462	Top Rear	HDNL	180	60"
0381-0779	HC 1462	Top Rear	HDNL	90	72"/184cm
0381-0780	HC 1470	Top Rear	HDNL	75	72"/184cm
0381-0781	HC 1472	Top Rear	HDNL	180	72"/184cm
0381-0785	HC 1490	Top Rear	HDNL	90	96"
0381-0786	HC 1491	Top Rear	HDNL	75	96"
03881-0787	HC1492	Top Rear	HDNL	180	96"

Section 2

Straight Torch **without Built-in Flashback Arrestors. **With** Reverse Flow Check Valves**

For Use With Propane & Pressurized Natural Gas ONLY
Cutting Capacity to 48"



HC1500C

0381-0444

HC 1500C Series

- Use of High Flow Flashback Arrestors Recommended
- 3-hose Connection
- Ideal for Mill and Foundry Applications
- Use Genuine Victor 2/285N Series Cutting Tips for Alt. Fuel (Not for Acetylene)
- 7/16"-14 RH Class "C" Cutting Oxygen Inlet
- Refer to FlameBuster® Flashback Arrestor FBHC High Flow Series Information on Page 14
- Built-in Reverse Flow Check Valves on Preheat Oxygen and Fuel

HC 1500C Series Ordering Information

Part Number	Model Number	Lever Position	Tip Series	Head Angle	Overall Length
0381-0444	HC 1500C	Top Rear	2/285N	180	56"



Straight Torch **without** Built-in Flashback Arrestors. **With** Reverse Flow Check Valves

For Use With Alternative Fuel Gases, Not Acetylene
Cutting Capacity to 14"



HC1100C

0381-1703

HC 1100C Series **Bulldog**[™]

- Use of High Flow Flashback Arrestors Recommended
- Torch will operate at virtually any fuel gas pressure, 4 ounces and above
- 3-tube Lightweight Design
- Low pressure mixer
- Ideal for Scrap Cutting
- Use Genuine Victor Series 1 Cutting Tips for Alt. Fuel (Not for Acetylene)
- Built-in Reverse Flow Check Valves on Oxygen and Fuel Gas Inlet
- Refer to FlameBuster[®] Flashback Arrestor Information on Page 15

HC 1100C Series Ordering Information

Part Number	Model Number	Lever Position	Tip Series	Head Angle	Overall Length
0381-1703	HC 1100C	Bottom Rear	1	90	21"/53cm
0381-1704	HC 1101C	Bottom Rear	1	75	21"/53cm
0381-1709	HC 1130C	Bottom Rear	1	90	36"/91cm
0381-1710	HC 1131C	Bottom Rear	1		36"/91cm
0381-1712	HC 1150C	Bottom Rear	1	90	48"/122cm
0381-1713	HC 1151C	Bottom Rear	1	75	48"/122cm
0381-1715	HC 1160C	Bottom Rear	1	90	60"
03881-1716	HC 1161C	Bottom Rear	1	75	60"
0381-1718	HC 1170C	Bottom Rear	1	90	72"/184cm
0381-1719	HC 1171C	Bottom Rear	1	75	72"/184cm

Flashback Arrestors FBHC High Flow Series



FBHC-O



FBHC-OC



FBHC-OR



FBHC-ORC

FlameBuster® High Flow Ordering Information

Oxygen - Torch Mount (Torch mount models also protect hose)

Part Number	Model Number	Gas	Description	Connection
0657-0076	FBHC-O	Oxygen	Torch Mount - High Flow	"B" 9/16-18 RH (CGA 022)
0657-0077	FBHC-OC	Oxygen	Torch Mount - High Flow	"C" 7/8-14 TH (CGA 024)

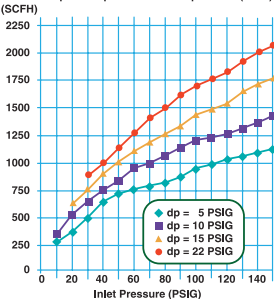
Oxygen - Regulator Mount

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)

Notice: Nothing can take the place of proper equipment operation. Always read, understand and follow the instructions provided with each product

Flow Chart - FBHC Series Flashback Arrestor

Flow dp = inlet pressure - outlet pressure (PSIG)



Gas	Conversion Factor	Max. Pressure
Acetylene	1.05	15 psi/1 bar
Hydrogen	3.79	50 psi/3.5 bar
Mapp	0.82	22 psi/1.5 bar
Methane	1.34	50 psi/3.5 bar
Oxygen	0.95	143 psi/10 bar
Propane	0.8	50 psi/3.5 bar

NOTE: Flow rates shown in chart are for air. To convert to other gases, multiply the air flow rate by the conversion factor listed.

FlameBuster® a trademark of Victor Equipment Company, is registered with the U.S. Patent and Trademark Office, and is the subject of trademark registrations and pending applications in numerous other countries. For information on trademark registrations of Victor Equipment Company, contact the local trademark offices in the countries of interest.



Check Valve Pair Pak

Reverse Flow Check Valves for Torches & Regulators

Ordering Information

Part Number	Description
Torch Models	
0690-0011	TO & CTF Torch - Check Valves (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 Fair Pack (Oxygen & Fuel)
0690-0034	CRO Regulator - Check Valve (Oxygen)
0690-0035	CRF Regulator - Check Valve (Fuel)



FB-1



FBP-1



FBR-1

FlameBuster® Flashback Arrestor

Ordering Information

Part Number	Model	Description
Torch Models		
0656-0001	FB-1	FlameBuster® Torch - Pair Pak (Oxygen & Fuel)
0657-0010	FB-O	FlameBuster® Torch (Oxygen) Flash Arrestor
0657-0011	FB-F	FlameBuster® Torch (Fuel) Flash Arrestor
Regulator Models		
0656-0004	FBR-1	FlameBuster® Regulator - Pair Pak (Oxygen & Fuel)
0657-0014	FB-OR	FlameBuster® Regulator (Oxygen) Flash Arrestor
0657-0015	FB-FR	FlameBuster® Regulator (Fuel) Flash Arrestor

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