



## ***HVAC/R and Plumbing Equipment Catalog***

***Extreme Air Acetylene Equipment***

***Swirl Combustion Air Acetylene Equipment***

***Extreme MAPP & Propane Equipment***

***Proline MAPP & Propane Equipment***

***Oxy Acetylene Outfits and Components***

***Plasma Cutters***

***Accessories***

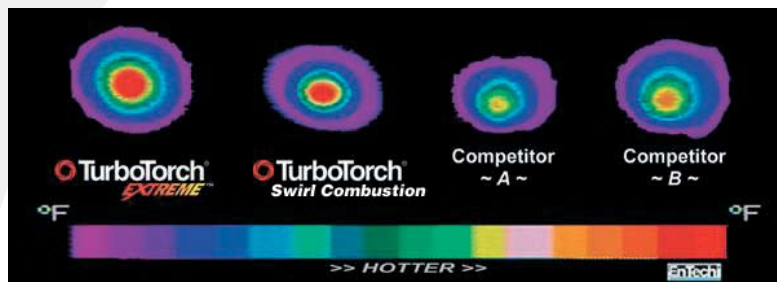
***Cylinders***



## The first choice for Plumbing and HVAC/R Pros

### **TurboTorch -** **The most demanded torch in the market**

For decades, TurboTorch has set the highest standard for manufacturers of air fuel equipment. We've maintained this level of leadership by continually improving our torches with advanced flame technologies. Tests prove that our most recent innovation, the **EXTREME** series, is the hottest torch in the market today – up to 40% hotter than competitive torches. The Extreme series torches reduce labor time and fuel consumption. Look for the benefit of **EXTREME** technology in our air acetylene, MAPP® and Propane torches, kits, and replacement tips.



### **The leader in Gas Apparatus**

Just as TurboTorch is the most requested brand name in the Plumbing and HVAC-R industries for air fuel equipment, Victor dominates as the most demanded product in oxy acetylene gas apparatus. For the first time, the TurboTorch catalog features an extended offering of genuine Victor gas apparatus including outfits, handles, cutting attachments, tips and nozzles. Combining these products into one catalog enables you to consolidate all of your welding, cutting, brazing purchases from one source.

# **VICTOR®**

### **Technical Training -** **The TurboTorch advantage**

TurboTorch supports the professional technician with the most comprehensive training program in the industry. TurboTorch fields a team of over 200 factory trained reps with an average of 20 years experience. Programs combine classroom demonstrations with hands-on training in the latest soldering, brazing and welding techniques... all with a special focus on safety.

Contact our Customer Care team for the name and number of the TurboTorch Manager in your area.

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**Extreme Self Lighting Torch Kits** Extreme Swirl Technology delivers high heat, super fast, reducing brazing time and fuel consumption. All air acetylene kits include gauge guards and cylinder wrench. Our best line of self-lighting torch kits are available in either valve rear or valve forward configurations. Improved design features quick-disconnect handles and tips, replaceable tips and color coded "O" rings for quick gas identification.



## **PL-5ADLX-MC** (0386-0832)

### **COMPONENTS**

- AR-MC (CGA 200) Regulator
- G-4 Handle • AH-12 Hose
- PL-5A Tip
- Soft solders to 1-1/2" (40mm)
- Silver brazes to 3/4" (20mm)
- "MC" Tank Connections
- Instruction Manual



## **PL-8ADLX-MC** (0386-0834)

### **COMPONENTS**

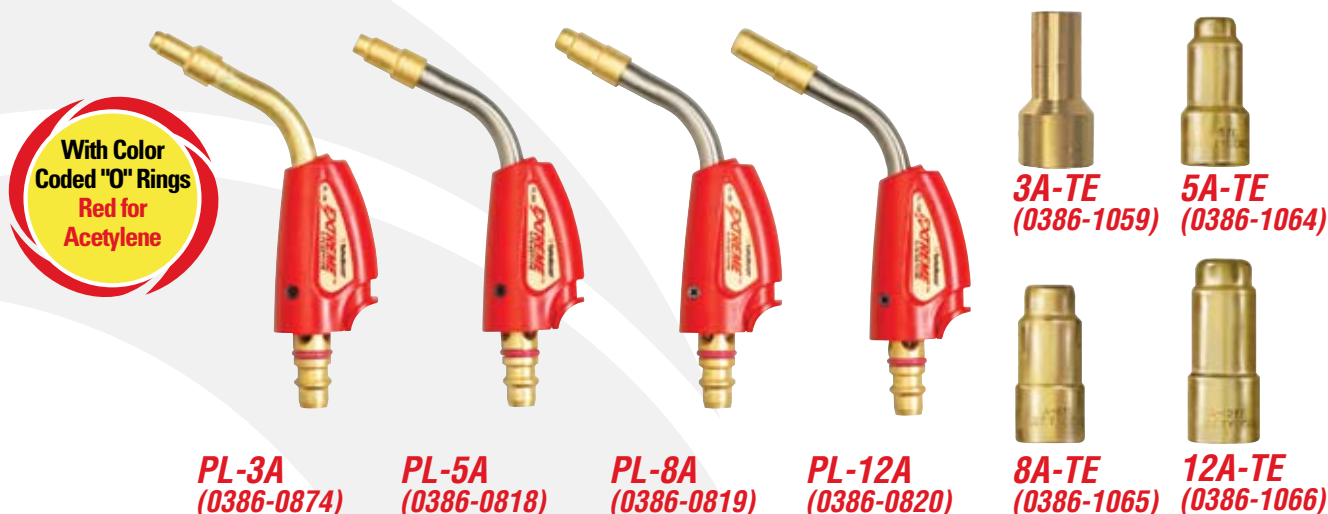
- AR-MC (CGA 200) Regulator
- G-4 Handle • AH-12 Hose
- PL-8A Tip
- Soft solders to 2" (50mm)
- Silver brazes to 1" (30mm)
- "MC" Tank Connections
- Instruction Manual



Kit No.	Model	Soft Solders	Silver Brazes	Regulator	Handle	Hose	Tip	Tank Connection	Valve Position
PL-5ADLX-MC	0386-0832	1-1/2" 40mm	3/4" 20mm	AR-MC (CGA-200)	G4	AH-12	PL-5A	MC	Rear
PL-5ADLX-B	0386-0833	1-1/2" 40mm	3/4" 20mm	AR-B (CGA-520)	G4	AH-12	PL-5A	B	Rear
PL-8ADLX-MC	0386-0834	2" 50mm	1" 30mm	AR-MC (CGA-200)	G4	AH-12	PL-8A	MC	Rear
PL-8ADLX-B	0386-0835	2" 50mm	1" 30mm	AR-B (CGA-520)	G4	AH-12	PL-8A	B	Rear
PL-12ADLX-B	0386-0836	4" 90mm	2" 50mm	AR-B (CGA-520)	G4	AH-12	PL-12A	B	Rear
PLF-5ADLX-MC	0386-0864	1-1/2" 40mm	3/4" 20mm	AR-MC (CGA-200)	PLF-A5	AH-12	PL-5A	MC	Forward
PLF-5ADLX-B	0386-0865	1-1/2" 40mm	3/4" 20mm	AR-B (CGA-520)	PLF-A5	AH-12	PL-5A	B	Forward
PLF-8ADLX-MC	0386-0866	2" 50mm	1" 30mm	AR-MC (CGA-200)	PLF-A5	AH-12	PL-8A	MC	Forward
PLF-8ADLX-B	0386-0867	2" 50mm	1" 30mm	AR-B (CGA-520)	PLF-A5	AH-12	PL-8A	B	Forward
PLF-12ADLX-B	0386-0868	4" 90mm	2" 50mm	AR-B (CGA-520)	PLF-A5	AH-12	PL-12A	B	Forward
PL-12A	0386-0828	4" 90mm	2" 50mm	-	G4	-	PL-12A	-	Rear



**Extreme Self Lighting Replacement Tips** Increase the range of your torch kit with additional self lighting tips. All TurboTorch tips feature an orifice screw that can be easily removed for simple cleaning or replacement, extending the life of the tip.



Tip No.	Tip Size		Gas Flow		Soft Solder		Silver Braze		Replacement Orifice		Replacement Tip	BTU
	IN.	MM	@14 PSI SCFH	(0.9 BAR) M3/HR	IN.	MM	IN.	MM				
PL-3A	1/4	5.0	3.6	.31	1/4-1	10-25	1/8-1/2	3-12	OR-A3	1386-1001	3A-TE	1,280
PL-5A	3/16	6.4	5	.42	3/4-1 1/2	20-40	1/4-3/4	10-20	OR-A8	1386-1003	5A-TE	2,080
PL-8A	5/16	7.9	7	.59	1-2	25-50	1/2-1	15-30	—	—	8A-TE	2,520
PL-12A	3/8	9.5	9	.76	2-4	50-90	1-2	25-50	OR-T6	1386-1024	12A-TE	3,360

## TurboTorch Air/Fuel Deluxe Starter Kit

**TDLX2003**  
(0426-0011)

Take advantage of this kit, which features the PL-5ADLX-MC Extreme Self lighting torch kit, the A-8 tip (pg. 6) and the TT-MC tote (pg. 26) into one model. This combination of equipment enables the contractor or student to tackle a variety of light duty brazing and soldering jobs.



**Extreme™ Standard Torch Kits** This line of kits has been the industry standard for decades. Reliable and well engineered, the standard line of kits combines our Extreme Swirl Technology with a traditional manual lighting torch. All tips feature quick disconnect couplings and color coded O-rings for gas identification.



## X-3B (0386-0335)

### COMPONENTS

- AR-B (CGA 520) Regulator
- G-4 Handle
- A-3 Tip
- Soft solders to 3" (75mm)
- Silver brazes to 1-5/8" (40mm)
- "B" Tank Connection
- Instruction Manual



## X-5MC (0386-0384)

### COMPONENTS

- AR-MC (CGA 520) Regulator
- G-4 Handle
- A-5 Tip
- Soft solders to 1-1/2" (40mm)
- Silver brazes to 3/4" (20mm)
- "MC" Tank Connection
- Instruction Manual

Kit No.	Model	Soft Solders		Silver Brazes		Regulator	Handle	Hose	Tips	Tank Connection	Valve Position
X-3B	0386-0335	3"	75mm	1-5/8"	40mm	AR-B (CGA-520)	G4	AH-12	A-3, A-11	B	Rear
X-4B	0386-0336	3-1/2"	90mm	2"	50mm	AR-B (CGA-520)	G4	AH-12	A-5, A-14	B	Rear
X-5B	0386-0338	1-1/2"	40mm	3/4"	20mm	AR-B (CGA-520)	G4	AH-12	A-5	B	Rear
X-5MC	0386-0384	1-1/2"	40mm	3/4"	20mm	AR-MC (CGA-200)	G4	AH-12	A-5	MC	Rear
X-6MC	0386-0339	2"	50mm	1"	30mm	AR-MC (CGA-200)	G4	AH-12	A-3, A-8	MC	Rear
MSKA-1	0386-0366	3"	75mm	3/4"	20mm	AR-B (CGA-520)	G4	AH-12	MSA-8	B	Rear

**Extreme™ Standard Tips** A full series of manual lighting tips can be used with any Air Acetylene torch (PLF-A5 or G-4) handle. Add range to your torch kit with economical tips that also feature a removable orifice screw.



**A-2**  
(0386-0100)



**A-3**  
(0386-0101)



**A-5**  
(0386-0102)



**A-8**  
(0386-0103)



**A-11**  
(0386-0104)



**A-14**  
(0386-0105)



**A-32**  
(0386-0106)



**MSA-8**  
(0386-0365)

Tip No.	Tip Size		Gas Flow		Soft Solder		Silver Bronze		Replacement Orifice Model
	IN.	MM	@14 PSI SCFH	(0.9 BAR) M <sup>3</sup> /HR	IN.	MM	IN.	MM	
A-2	1/8	4.8	2.0	.17	1/8-1/2	3-15	1/8-1/4	3-10	OR-A2
A-3	3/16	6.4	3.6	.31	1/4-1	10-25	1/8-1/2	3-12	OR-A3
A-5	1/4	7.9	5.7	.48	3/4-1 1/2	20-40	1/4-3/4	10-20	OR-A5
A-8	5/16	9.5	8.3	.71	1-2	25-50	1/2-1	15-25	OR-A8
A-11	7/16	11.1	11.0	.94	1 1/2-3	40-75	7/8-1 5/8	20-40	OR-A11
A-14	1/2	12.7	14.5	1.23	2-3 1/2	50-90	1-2	30-50	OR-A14
A-32	3/4	19.0	33.2	2.82	4-6	100-150	1 1/2-4	40-100	OR-A32
MSA-8	3/8	9.5	5.8	.50	3/4-3	20-75	1/4-3/4	10-20	OR-A5

**Sof-Flame™ Torch Kits-** For situations where Swirl Technology is too much, Sof-Flame™ torch kits offer proven durability and performance for plumbing applications in harsh environments. Tips have a threaded connection and feature a removable orifice screw. Use the Snappy Adapter (0386-0500) to connect “A” style tips.



**WSF-3 Kit**  
(0386-0089)

**COMPONENTS**

- AR-MC (CGA 200) Regulator
- WA-400 Handle
- AH-12 Hose
- S-4 Tip
- Soft Solders to 1” (25mm)
- “MC” Tank Connection
- Instruction Manual



**WSF-4 Kit**  
(0386-0090)

**COMPONENTS**

- AR-MC (CGA 200) Regulator
- WA-400 Handle
- AH-12 Hose
- S-4 Tip
- Soft Solders to 1” (25mm)
- “B” Tank Connection
- Instruction Manual

**Sof-Flame™ Tips** Constructed of solid brass, Sof-Flame™ tips add flexibility to the standard kit, increasing the range up to 4 in. Fits WA-400 Torch Handles.



**S-1**  
(0386-1153)



**S-2**  
(0386-1154)



**S-3**  
(0386-0112)



**S-4**  
(0386-0113)



**S-5**  
(0386-0114)



**S-6**  
(0386-0115)

Model	Soft Solder		Operating Pressure Range		Acetylene Consumption Range		Replacement Orifice	
	IN.	MM	PSI	BAR	SCFH	M3		
S-1	1/16-1/8	2-3	5-15	.35-1.0	.53-.89	.04-.07	OR-SI	0386-1049
S-2	1/8-3/8	3-9	5-15	.35-1.0	1.0-1.7	.08-.14	OR-A2	0386-1000
S-3	3/8-1/2	9-13	5-15	.35-1.0	1.9-3.2	.15-.26	OR-T3	0386-1021
S-4	1/2-1	13-25	5-15	.35-1.0	3.5-5.9	.29-.49	OR-A5	0386-1002
S-5	3/4-1 1/2	19-40	5-15	.35-1.0	6.6-11.0	.55-.92	OR-A11	0386-1004
S-6	1-4	25-100	5-15	.35-1.0	8.8-14.8	.73-1.24	OR-A14	0386-1005

## Swirl Air Acetylene Components - Accessories



**WA-400**  
(0386-0410)



**PLF-A5 Proline**  
(0386-0872)



**G4 TurboTorch**  
(0386-0308)



**AR-B(0386-0725)**  
**AR-MC(0386-0726)**



**Snappy Adapter**  
(0386-0500)

**Extreme™ Propane and MAPP Torches** TurboTorch has developed a new series of hand torches that also feature Extreme Swirl Technology. The new Extreme series generates more heat than other hand torches for faster brazing times and less gas consumption. All Extreme series hand torches and tips feature TurboTorch swirl combustion. Higher heat levels, in a short amount of time, enable the pros to quickly complete the job.

**3 Year  
Warranty**

**Extreme™ Self Lighting Torches** Select from two models depending on the job. The TX 503 series is a “cooler” torch, making it ideal for general plumbing jobs. The TX 504 series is suitable for HVAC and high capacity applications. Both models feature convenient self-lighting triggers, quick disconnect couplings between handle and tips.



**TX504**  
(0386-1293)



**T504**  
(0386-1296)  
Replacement Tip



**TX503**  
(0386-1297)



**T503**  
(0386-1298)  
Replacement Tip



**TX500**  
(0386-1299)  
Includes TX504 and T503 tip for maximum versatility.

Listed



**TXK 504**  
(0386-1295)

TXK 504 includes TX504 Hand Torch, adapter, hose and regulator.



**TXC 504**  
(0386-1294)

TXC 504 includes TX 504 Hand Torch and Plastic Case



**T504 (0386-1301)**  
**T503 (0386-1300)**  
Replacement Nut

Tip No.	Model	Propane				MAPP			
		Soft Solders		Silver Brazes		Soft Solders		Silver Brazes	
T 503	0386-1298	1/8"-2"	30-50	1/16-3/4"	1.6-19	1/8"-3	3-76	1/16-1"	1.6-25
T 504	0386-1296	3/4"-3"	19-76	1/4-1"	6-25	3/4"-4	19-101	1/4-1 1/4"	6-32



**Extreme™ STK Torches and Tips** A longtime industry benchmark, the TurboTorch line of STK torches and tips now features the new Extreme Swirl technology. All torches have 360 degree swivel tips and easy to clean orifice screws. Torch kits include the STK-R Pressure Regulator with CGA-600 connection and instruction manuals.



**STK-1**  
(0386-0408)  
STK-R Regulator  
ST-1 Tip



**STK-9**  
(0386-0403)  
STK-R Regulator  
ST-3 Tip



**STK-11**  
(0386-1283)  
STK-R Regulator  
ST-11 Double Barrel Tip



**STK-99**  
(0386-0851)  
STK-R Regulator  
ST-33 Self Lighting Tip



**STK-8B**  
(0386-0404)  
Dual Fuel Kit  
with Case



**ST-1**  
(0386-0170)



**ST-3**



**ST-4**



**ST-5**



**ST-11**



**ST-33**



**STK-R**  
(0386-0687)



**44TL-TE**  
(0386-1263)  
•Fits ST-33,  
STK 99 & TL-44

Tip No.	Model	Propane				MAPP				Replacement Orifice	BTU MAPP
		Soft Solders		Silver Brazes		Soft Solders		Silver Brazes			
ST-1	0386-0170	1/8"-1/2"	3-13mm	1/8-3/8"	3-10mm	1/8"-3/4"	3-20mm	1/8-1/2"	3-13mm	STOR-1	1,200
ST-3	0386-0171	1/4"-3"	6-76mm	1/4-1"	6-25mm	1/4"-3 1/2"	6-90mm	1/4-1 3/4"	6-45mm	STOR-3	1,800
ST-4	0386-0183	1 3/8"-2"	35-51mm	1 3/8"-1 1/2"	35-38mm	1 3/8"-2 1/2"	35-64mm	1/4-1 3/8"	6-35mm	STOR-3	1,800
ST-5	0386-0184	1/8"-3/8"	3-10mm	1/8"-3/8"	3-10mm	1/8"-1/2"	3-13mm	3/8-1/2"	10-13mm	STOR-1	1,800
ST-11	0386-1282	1"-4"	25-102mm	1/2-2"	13-51mm	1 1/2"-6"	38-152mm	3/4-3"	20-76mm	STOR-3	3,600
ST-33	0386-0850	1/4"-3"	6-76mm	1/4-1"	6-25mm	1/4"-3 1/2"	6-90mm	1/4-1 3/4"	6-45mm	STOR-3	1,700

# 10 Propane & Mapp®



**Proline Self Lighting Propane & MAPP Kits:** Featuring TurboTorch's Swirl Combustion technology, the Proline series kits engineered for performance and durability. All kits are equipped with RL-P Regulators (CGA-510), allowing for the use of high heat/energy gasses such as MAPP or Propane. A full assortment of tips equipped with quick disconnects, expands the work range of the series.



## **PL-3TDLX KIT** (0386-0837) **COMPONENTS**

- RL-P Regulator, CGA-510
- H-4 Handle
- H-12 Hose
- PL-3T Tip
- Soft Solders 1" (25mm)
- Silver Brazes 1/2" (12mm)
- Instruction Manual



## **PL-4TDLX KIT** (0386-0838) **COMPONENTS**

- RL-P Regulator, CGA-510
- H-4 Handle
- H-12 Hose
- PL-4T Tip
- Soft Solders 1 1/2" (40mm)
- Silver Brazes 3/4" (20mm)
- Instruction Manual

Kit No.	Model	Soft Solders	Silver Brazes	Regulator	Handle	Hose	Tips
PL-3TDLX	0386-0837	1" 25mm	1/2" 12mm	RL-P (CGA-510)	H-4	H-12	PL-3T
PL-4TDLX	0386-0838	1-1/2" 40mm	3/4" 20mm	RL-P (CGA-510)	H-4	H-12	PL-4T
PL-5TDLX	0386-0839	2-1/2" 63mm	1-1/4" 31mm	RL-P (CGA-510)	H-4	H-12	PL-5T
PL-4T	0386-0830	1-1/2" 40mm	3/4" 20mm	—	H-4	—	PL-4T

## Proline Self Lighting Tips



**PL-3T**  
(0386-0821)



**PL-4T**  
(0386-0822)



**PL-5T**  
(0386-0823)



**H-4**  
(0386-0300)

Fits all Proline and TurboTorch tips "B" size  
9/16" - 18 hose connections



**R-LP**  
(0386-0705)

Brass regulator for use with MAPP®, Propane and other LPG fuel gas. Adjustable to 60 psi. Fits standard POL valve & 9/16" 18 LH hose nut. Not for use with Acetylene. R-LP-993 Regulator for British 993 Markets, Part No. 0386-0328



**3T-TE**  
(0386-1067)



**4T-TE**  
(0386-1068)



**5T-TE**  
(0386-1069)

TIP NO.	TIP SIZE		AIR PROPANE	AIR MAPP®	COPPER TUBING SIZE CAPACITY PROPANE GAS				COPPER TUBING SIZE CAPACITY MAPP® GAS				REPLACEMENT		
	IN.	MM	@24 PSI LBS/HR	@42 PSI LBS/HR	SOFT SOLDER		SILVER BRAZE		SOFT SOLDER		SILVER BRAZE		ORIFICE MODEL	TIP ENDS	BTU
PL-3T	3/8	9.5	.33	.46	1/4-1	6-25	3/8-1/2	3-10	1/4-1 1/2	10-40	3/4-1/2	6-15	OR-T3	3T-TE	1,300
PL-4T	7/16	11.1	.52	.69	1/4-1 1/2	10-40	3/4-3/4	6-15	1/4-2 1/2	10-60	3/4-1 1/4	6-35	OR-PL4T	4T-TE	1,400
PL-5T	5/8	15.9	.71	1.41	1 1/2-2 1/2	40-60	1/2-1 1/4	15-35	1-4	25-100	1/2-2	15-50	OR-PL5T	5T-TE	2,000

**Proline Standard Propane & MAPP Kits:** Designed with the same Swirl Combustion Technology that is featured in the Proline Self Lighting Series, the manual series offers an economical alternative for use with Propane and Mapp gasses. A variety of tips sizes helps complete the job quickly and economically.



## LP-1 KIT (0386-0247) COMPONENTS

- R-LP Adjustable Regulator, CGA-510
- H-4 Handle      • H-12 Hose
- T-4 Tip          • T-6 Tip
- Soft solders to 6" (150mm) with MAPP
- Silver brazes to 4" (100mm) with MAPP
- Instruction Manual



Kit No.	Model	Regulator	Handle	Hose	Tips	
LP-1	0386-0247	RL-P (CGA-510)	H-4	H-12	T-4, T-6	Refer to tip chart below for soldering and brazing capacities
LP-2	0386-0007	RL-P (CGA-510)	H-4	H-12	T-3, T-5	
LP-3	0386-0006	RL-P (CGA-510)	H-4	H-12	T-4	



TIP NO.	TIP SIZE		GAS FLOW		COPPER TUBING SIZE CAPACITY PROPANE GAS				COPPER TUBING SIZE CAPACITY MAPP® GAS				REPLACEMENT	
	IN.	MM	@24 PSI LBS/HR	@36 PSI LBS/HR	SOFT SOLDER		SILVER BRAZE		SOFT SOLDER		SILVER BRAZE		ORIFICE	
					IN.	MM	IN.	MM	IN.	MM	IN.	MM	MODEL	
T-2	5/16	8.0	.14	.17	1/8-1/4	3-10	1/8-1/4	1-6	1/8-1/2	3-12	1/8-1/4	3-10	OR-A2	0386-1000
T-3	7/16	11.1	.20	.25	1/4-1	6-25	1/8-1/2	3-10	1/4-1 1/2	10-40	1/4-1/2	6-15	OR-T3	0386-1021
T-4	1/2	12.7	.39	.48	1/4-1 1/2	10-40	1/4-3/4	6-15	1/4-2 1/2	10-60	1/4-1 1/4	6-35	OR-A3	0386-1001
T-5	3/4	19.0	1.10	1.3	1 1/2-2 1/2	25-60	1/2-1 1/4	15-35	1-4	25-100	1/2-2	15-50	OR-A8	0386-1003
T-6	1	25.4	2.10	2.5	1 1/2-4	40-100	3/4-2	20-50	1 1/2-6	25-150	3/4-4	20-100	OR-T6	0386-1024



**Snake Kits & Additional Torches** The swirl combustion tip gives you the best burn and cuts brazing time by 30%. Flame tube swivels 360° for work at any angle. Push trigger ignition. Rugged brass regulator. Offered with either #3 or #4 size tip with replaceable tip.

## PS-3T KIT (0386-0840)



## TS-1B KIT (0386-0230)



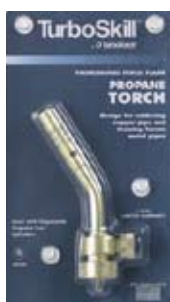
### COMPONENTS

- Self-Lighting Propane & MAPP® Tip
- TSR Tank Rack with Retainer
- Ergonomically designed handle
- STK-R Regulator CGA-600
- 12 ft. of Hose

### COMPONENTS

- ST-4 Tip
- TSH Handle
- TS-12, 12 ft. (3.7m) Hose Assembly
- STK-R Regulator, CGA-600
- MT-1 MAPP® Tank
- TSR Tank Rack with Retainer
- Instruction Manual

Kit No.	Model	Regulator	Tank Rack	Handle	Hose	Tips	
PS-3T	0386-0840	STK-R (CGA-600)	TSR	H-4	H-12	PL-3T	Refer to Tip Chart for Soldering and Brazing Capacities
PS-4T	0386-0841	STK-R (CGA-600)	TSR	H-4	H-12	PL-4T	
TS-1B	0386-0230	STK-R (CGA-600)	TSR	TSH	H-13	ST-4	



## SK-100 (0426-4002)

- Pencil flame
- Solid brass construction
- Flame control Valve
- Used with any 1 lb. propane tank
- Great for light applications: Soldering, Thawing frozen pipes, Heating
- One year warranty



## SK-600 (0426-4000)

- Soft solders 1/8"-1/2" & silver solders 1/2"-3/8"
- Operates on Mapp® or propane 1 lb. tanks
- Solid brass regulator CGA 600
- Stainless steel tip for durability
- Small flame/excellent for working in tight areas
- 360° swivel tip
- One year warranty
- U.L. listed



## SK-7000 (0426-4001)

- Self-lighting
- Preset flame
- 180° swivel tip
- Safety trigger lock
- Operates on any standard Mapp® and propane 1 lb. tanks
- U.L. listed
- CGA 600 connection
- One year warranty



## TP-10 (0386-0860)

- Solid brass construction for lasting durability
- Flame control valve for precise heat adjustments
- May be used with any 14.1 oz. propane tank
- Great for light application jobs: Soldering, Thawing frozen pipes, Loosening rusty nuts & bolts, Heating, Light maintenance

**Welding, Cutting and Brazing Outfits** TurboTorch outfits are manufactured by Victor, the most recognized name in Gas Apparatus. The outfits are available in several configurations designed for a variety of oxy-fuel welding and cutting applications. The new tote design features an ergonomic carrying handle, built-in storage case and a functional balanced design. Each outfit includes the components needed to tackle jobs from light duty welding, to specialized brazing, to cutting steel. Victor's commitment to quality and safety are built into the TurboTorch outfits.

## TurboTorch - TTV-100 Series Medium Duty - Oxy Fuel & Air Fuel

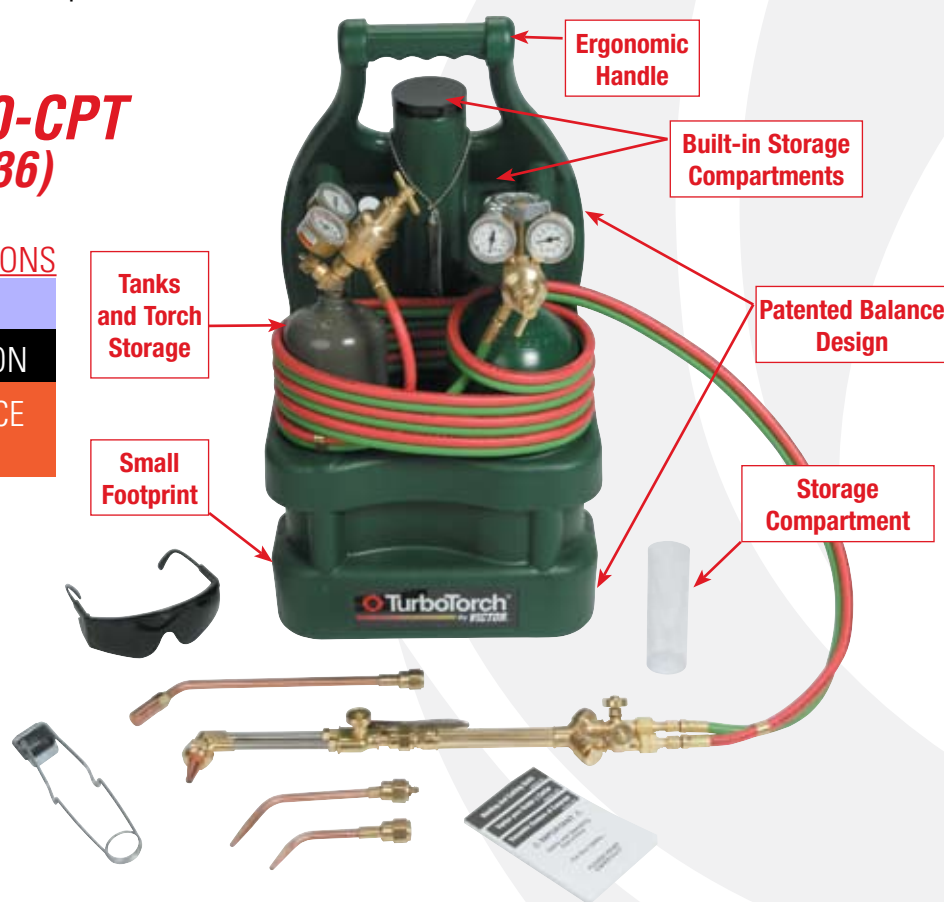
This series of outfits is designed for Medium Duty Cutting, Brazing and Heating jobs. All outfits include Oxygen Regulator **221-05FP**, Fuel Regulator **201-05FP**, 12.5' Dual "A" 3/16 hose **252-03P**, glasses and a striker. Refer to the following chart for additional components.



### TTV-100-CPT (0386-1336)

#### KEY APPLICATIONS

- HVAC
- REFRIGERATION
- MAINTENANCE AND REPAIR



Part No.	Model	Handle	Cutting Attachment	Cutting Tip	Nozzles	Heating Tip	Tank Key	Adapter	Check Valves	Tote Case	Oxy Cylinder	Fuel Cylinder
0386-1335	TTV-100-CP	101-01FP	151-01FP	1-3-101	0-W-1, 2-W-1	VMA-1-15	—	B to A	Built-in	0386-1241	—	—
0386-1336	TTV-100-CPT	101-01FP	151-01FP	1-3-101	0-W-1, 2-W-1	VMA-1-15	0386-1226	B to A	Built-in	0386-1241	Type "R" 20 cu.ft.	Type "M" 10 cu.ft.
0386-1337	TTV-100-C	101-01FP	151-01FP	1-3-101	0-W-1, 2-W-1	VMA-1-15	—	B to A	Built-in	—	—	—

**Note** B to A Adapter includes:  
OXY (RH thread) 0950-0115  
FUEL (LH thread) 0960-0052

## TurboTorch - TTV-J Series Light Duty - Oxy Fuel & Air Fuel

This series of outfits is designed for Light Duty Cutting, Brazing and Heating jobs. All outfits include Oxy Regulator **221-05FP**, Fuel Regulator **201-05FP**, 12.5' Dual "A" 3/16 hose **252-03P**, glasses and a striker. Refer to the following chart for additional components.



**TTV-J-APT**  
**(0386-1339)**



**TTV-J-STP**  
**(0386-1342)**

Part No. Model	0386-1338 TTV-J-AP	0386-1339 TTV-J-APT	0386-1342 TTV-J-STP	0386-1343 TTV-J-STPT	0386-1345 TTV-J-ACP	0386-1346 TTV-J-ACPT
Handle	103-01FP	103-01FP	103-01FP	103-01FP	103-01FP	103-01FP
Cutting Attachment	—	—	—	—	CA1260	CA1260
Cutting Tip	—	—	—	—	0-3-101	0-3-101
Nozzles	2-W-J, 4-W-J	2-W-J, 4-W-J	1-W-J, V-3	1-W-J, V-3	00-W-J, 1-W-J	00-W-J, 1-W-J
Heating Tip	—	—	WST-2	WST-2	3-W-J	3-W-J
Air Fuel Tip	PL8-A	PL8-A	—	—	PL8-A	PL8-A
Tank Key	—	0386-1226	—	0386-1226	—	0386-1226
Adapter	0386-1231	0386-1231	0386-0554	0386-0554	0386-1231	0386-1231
Check Valves	yes	yes	yes	yes	yes	yes
Tote Case	0386-1241	0386-1241	0386-1241	0386-1241	0386-1241	0386-1241
Oxy Cylinder	—	Type "R" 20cu.ft.	—	Type "R" 20cu.ft.	—	Type "R" 20cu.ft.
Fuel Cylinder	—	Type "MC" 10cu.ft.	—	Type "MC" 10cu.ft.	—	Type "MC" 10cu.ft.

### KEY APPLICATIONS

HVAC

REFRIGERATION

PLUMBING

Part No. Model	0386-1340 TTV-J-A	0386-1341 TTV-J-AM	0386-1344 TTV-J-ST	0386-1347 TTV-J-AC
Handle	103-01FP	103-01FP	103-01FP	103-01FP
Cutting Attachment	—	—	—	CA1260
Cutting Tip	—	—	—	0-3-101
Nozzles	2-W-J, 4-W-J	2-W-J, 4-W-J	1-W-J, V-3	00-W-J, 1-W-J
Heating Tip	—	—	WST-2	3-W-J
Air Fuel Tip	PL8-A	PL8-A	—	PL8-A
Tank Key	—	—	—	—
Adapter	0386-1231	0386-1231	0386-0554	0386-1231
Check Valves	yes	yes	yes	yes
Tote Case	—	Red Metal	—	—
Oxy Cylinder	—	—	—	—
Fuel Cylinder	—	—	—	—



**TTV-J-AM**  
**(0386-1341)**



**TTV-J-A**  
**(0386-1340)**

# 16 Oxy-Acetylene Components

## CutSkill - CST Series Light Duty - Oxy Fuel

This series of outfits is designed for Light Duty Cutting, Brazing and Heating jobs. All outfits include Oxygen Regulator **SKR-540R**, Fuel Regulator **SKR-200R**, 12.5' Dual "A" 3/16 hose **252-03P**, goggles, check valves and a striker. Refer to the following chart for additional components.



Part No. Model	0386-1320 CST-P	0386-1321 CST-PT	0386-1322 CST-CP	0386-1323 CST-CPT	0386-1324 CST-CM	0386-1325 CST-150C	0386-1326 CST-150
Handle	SKH-7A	SKH-7A	SKH-7A	SKH-7A	SKH-7A	SKH-7A	SKH-7A
Cutting Attachment	—	—	SLCA1260	SLCA1260	SLCA1260	SLCA1260	SLCA1260
Cutting Tip	—	—	0-3-101	0-3-101	0-3-101	0-3-101	0-3-101
Nozzles	O-W-J, 2-W-J	O-W-J, 2-W-J	O-W-J, 2-W-J	O-W-J, 2-W-J	O-W-J, 2-W-J	O-W-J, 2-W-J	O-W-J, 2-W-J
Tank Key	—	0386-1226	—	0386-1226	—	—	—
Case	1421-0084	1421-0084	1421-0084	1421-0084	Red Metal	—	—
Oxy Cylinder	—	Type "R" 20cu.ft.	—	Type "R" 20cu.ft.	—	—	—
Fuel Cylinder	—	Type "MC" 10cu.ft.	—	Type "MC" 10cu.ft.	—	—	—



## Torch Handles Design & Construction

Victor® torch handles cover the full range of welding, cutting and heating needs. Performance matched cutting attachments are available for each torch handle series. Handles include built-in flashback arrestors and reverse flow check valves.

### Model 315FC (Illustrated)

### Control Valves With Stainless Steel Ball

Stems have TEFLON® packing for smooth gas tight operation

### “Built-In” Flashback Arrestors

no need for accessory flash arrestors

Patent # 5407348

### Brass Head

for strength and durability

### Tube With-In-A-Tube

designed for greater handle strength

### Die-Forged Brass Body

threaded for easier service

### Heavy Ribbed Barrel

Provides ventilation and sure grip



### “Built-In” Reverse Flow Check Valves

for added operator safety  
(U.S. Patent # 4286620)

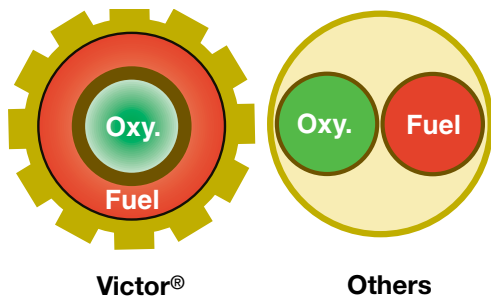
## Rugged, Efficient Design - Threaded Assembly for Ease of Service

**Victor torch handles give you twice the value.** Each torch handle is designed and built to withstand rugged job site conditions and Victor's threaded assembly design lets you replace parts quickly and economically.

**Performance proven Tube-Within-A-Tube design.** Victor torch handles include one oxygen tube within a massive, heavy ribbed handle which also serves as the gas tube. The result is greater strength and durability plus a reduction in overall size and weight to reduce operator fatigue and increase cutting performance.

### Victor® Tube-Within-A-Tube Design

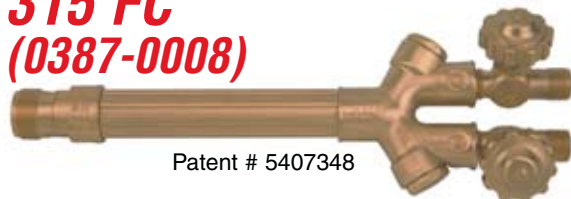
Victor torch handles have greater wall thickness than other designs.



# 18 Oxy-Acetylene Components

## Torch Handles

**315 FC**  
(0387-0008)



Patent # 5407348

**100 FC**  
(0382-0032)



Patent # 5407348

**J-28**  
(0382-0127)



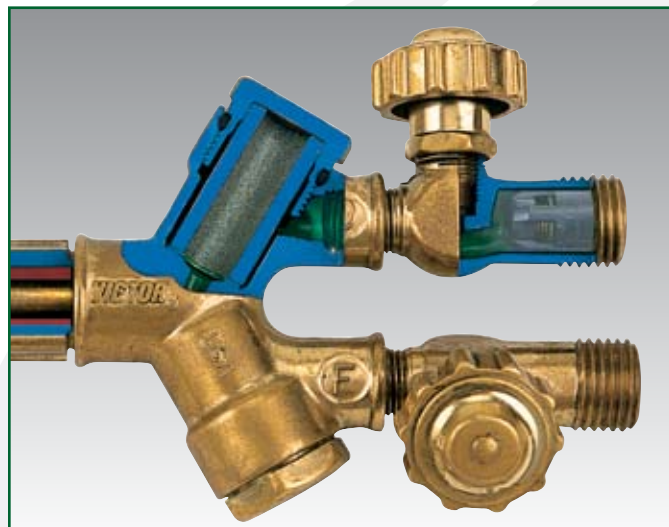
**101-01 FP**  
(0386-0310)



**103-01 FP**  
(0386-0311)



**J-40**  
(0382-0006)



Patent # 5407348

Listed

### A New Dimension In Operator Safety!

Victor Torch Handles are available with the following safety features:

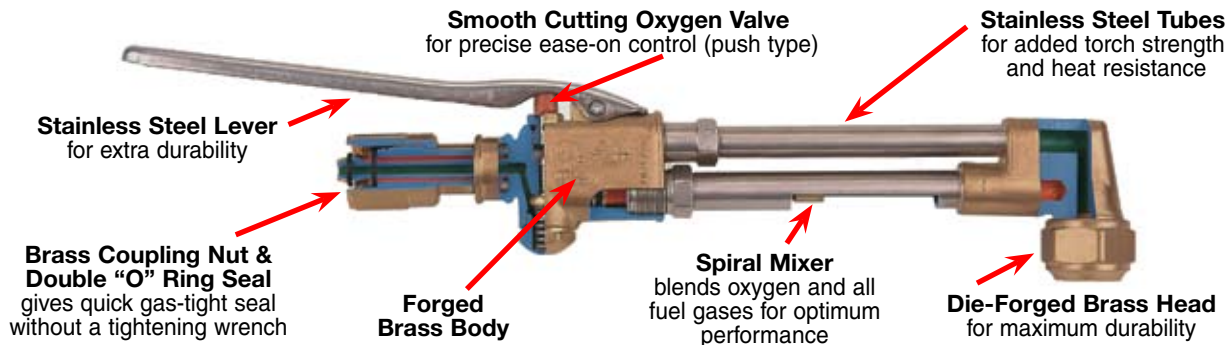
- Built-In Flashback Arrestors - on most models, see chart below
- Built-in Reverse Flow Check Valves
- Works with all fuel gases. There are pressure restrictions for different gases

Victor™ Torch Handles are offered in Heavy-Duty (315FC) and Medium-Duty (100FC) models, and also feature Victor Traditional threaded assemblies for quick economical repair if service is necessary.

Part No.	Model	Description	Flash Back	Hose Connection	Gas	Weight	Length
0387-0008	315FC	Victor Heavy Duty Clamshell	Built-in	9/16" - 18	All	18oz.	9"
0382-0032	100FC	Victor Medium Duty Boxed	Built-in	9/16" - 18	All	14oz.	8 1/2"
0387-0011	100FC	Victor Medium Duty Clamshell	Built-in	9/16" - 18	All	14oz.	8 1/2"
0386-0310	101-01FP	TurboTorch Medium Duty Boxed	Built-in	9/16" - 18	All	14oz.	8 1/2"
0382-0127	J-28	Victor Standard Light Duty Boxed	Check Valves	3/8" - 24	All	8.5 oz.	6"
0382-0006	J-40	Victor Standard Light Duty Boxed	Check Valves	3/8" - 24	All	8.5 oz.	3 3/4"
0386-0311	103-01FP	TurboTorch Light Duty Boxed	—	3/8" - 24	All	8.5 oz.	6"

## Cutting Attachments Design & Construction

### Features on Victor Branded Product



**CA1350**  
(0387-0005)



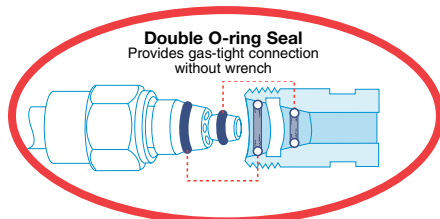
**SLCA1260**  
(0386-0380)



**CA25**  
(0386-0378)

Part No.	Model Number	Cutting Range	Handle Series	Tip Series	Head Angle
0387-0005	Victor CA1350CS (Clamshell)	6"/150mm	100	3	90°
0386-0378	TurboTorch Standard 151-01FP (Clamshell)	6"/150mm	100	3	90°
0381-0420	Victor CA1351 (Boxed)	6"/150mm	100	3	75°
0386-0380	TurboTorch Standard 152-01FP (Clamshell)	3"/75mm	J	3	90°

## Genuine Victor® Nozzles & Tips Design & Construction



## Brazing and Multi Flame Nozzles

**Exclusive “OPTIMIZED” nozzles in largest choice of types and sizes, plus uniformity of tip orifice and size for all series**

TurboTorch offers a complete range of nozzles, tips and elbows with a size for every application including: Welding, brazing, heating. Nozzles designed for “optimum” performance - Each complete nozzle has its own built-in spiral mixer, individually designed for each tip size and flame characteristic. Each nozzle is individually swaged to insure proper alignment for uniform flame, sizing and free-flow contour.

Orifice sizes are common for all series - Regardless of nozzle series (300FC, 100FC, J), flame characteristic or fuel gas used. This uniformity of orifice sizes simplifies nozzle selection, eliminates chances of ordering and wrong size when changing from one type of nozzle to another.

### Brazing Nozzles - J Series - Light Duty

Part No.	Model	Tip Size	Brazing Capacity for Copper Tubing	Handles
0387-0039	00-W-J-CS	00	1/8" - 3/4"	103-01FP
0387-0040	0-W-J-CS	0	1/4" - 1"	103-01FP
0387-0041	1-W-J-CS	1	1/4" - 1 1/4"	103-01FP
0387-0042	2-W-J-CS	2	1/2" - 1 1/2"	103-01FP
0387-0043	3-W-J-CS	3	3/4" - 1 3/4"	103-01FP
0325-0087	4-W-J	4	3/4" - 2"	103-01FP

### Multi Flame Heating Nozzles - J Series - Light Duty

Part No.	Model	Torch Handle	BTU per hour
0325-0109	VMA-J-15 Clamshell	103-01FP, J-28, J-40	—
0325-0104	2-MFA-J Box	103-01FP, J-28, J-40	4,410 - 13,230
0325-0105	4-MFA-J Box	103-01FP, J-28, J-40	8,820 - 29,400
0387-0077	6-MFA-J CS Clamshell	103-01FP, J-28, J-40	20,580 - 58,800

### Brazing Nozzles - 100 Series - Medium Duty

Part No.	Model	Tip Size	Brazing Capacity for Copper Tubing	Handles
0387-0028	000-W-1-CS	000	1/8" - 1/2"	100FP, 103-01FP
0387-0029	00-W-1-CS	00	1/8" - 3/4"	100FP, 103-01FP
0387-0030	0-W-1-CS	0	1/4" - 1"	100FP, 103-01FP
0387-0031	1-W-1-CS	1	1/4" - 1 1/4"	100FP, 103-01FP
0387-0032	2-W-1-CS	2	1/2" - 1 1/2"	100FP, 103-01FP
0387-0033	3-W-1	3	3/4" - 1 3/4"	100FP, 103-01FP
0387-0034	4-W-1	4	3/4" - 2"	100FP, 103-01FP

### Multi Flame Heating Nozzles - 100 Series - Medium Duty

Part No.	Model	Torch Handle	BTU per hour
0324-0114	VMA-1-15 Clamshell	100FC, 101-01FP	14,700 - 44,000
0324-0108	2-MFA-1 Box	100FC, 101-01FP	4,410 - 13,230

### Brazing Nozzles - 300 Series - Heavy Duty

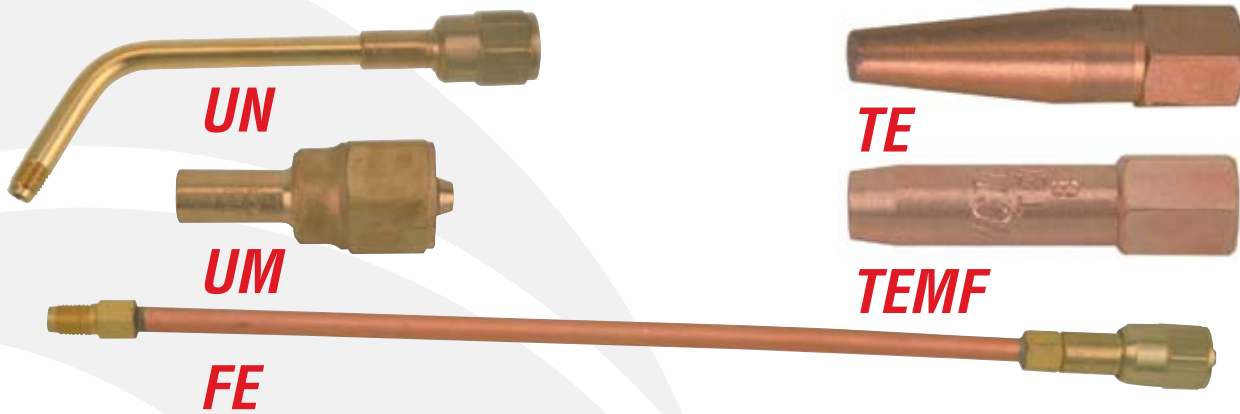
Part No.	Model	Tip Size	Brazing Capacity for Copper Tubing	Handles
0387-0019	W-00	00	1/8" - 3/4"	300 Series
0387-0020	W-0	0	1/4" - 1"	300 Series
0387-0021	W-1	1	1/4" - 1 1/4"	300 Series
0387-0022	W-2	2	1/2" - 1 1/2"	300 Series
0387-0023	W-3	3	3/4" - 1 3/4"	300 Series
0387-0024	W-4	4	3/4" - 2"	300 Series

### Multi Flame Heating Nozzles - 300 Series - Heavy Duty

Part No.	Model	Torch Handle	BTU per hour
0387-0060	4-MFA-CS	300	8,820 - 29,400
0387-0061	6-MFA-CS	300	20,580 - 58,800
0387-0062	8-MFA-CS	300	44,100 - 117,600



## Replaceable Tip Ends for use with Acetylene Gas



Part No.	Model Number	Length	Thread	Type
0311-0215	1-TEMFA	1 1/4"	5/16" - 27"	TEMFA
0311-0216	2-TEMFA	1 1/4"	5/16" - 27"	TEMFA
0311-0217	3-TEMFA	1 1/4"	5/16" - 27"	TEMFA
0311-0218	4-TEMFA	1 1/4"	5/16" - 27"	TEMFA
0311-0219	5-TEMFA	1 1/4"	5/16" - 27"	TEMFA
0311-0471	000-TE	1 1/2"	5/16" - 27"	TE
0311-0472	00-TE	1 1/2"	5/16" - 27"	TE
0311-0473	0-TE	1 1/2"	5/16" - 27"	TE
0311-0474	1-TE	1 1/2"	5/16" - 27"	TE
0311-0475	2-TE	1 1/2"	5/16" - 27"	TE
0311-0587	3-TE	1 5/8"	5/16" - 27"	TE
0311-0588	4-TE	1 7/8"	5/16" - 27"	TE
0311-0589	5-TE	2"	5/16" - 27"	TE
0311-0590*	6-TE	2 1/4"	.393 - 27"	TE

\*for use with RTE Nozzles only

## Special Applications Nozzles

Part No.	Model Number	Torch Series	Fuel Usage	Length	Thread	Description
0325-0108	DFE-J	J, 103-01	Multi-Gas Fuel	8 3/4"	5/16" - 27"	Dual flexible elbow nozzle assembly
0325-0101	UN-J	J, 103-01	Multi-Gas Fuel	5"	5/16" - 27"	Standard bend nozzle
0325-0102	FE-J	J, 103-01	Multi-Gas Fuel	11 1/2"	5/16" - 27"	Flexible elbow nozzle
0325-0046	UNN-J	J, 103-01	Multi-Gas Fuel	5"	5/16" - 27"	Standard bend nozzle

Part No.	Model Number	Torch Series	Fuel Usage	Length	Thread	Description
0324-0092	DFE-1	100FC,101-01FC	Multi-Gas Fuel	5"	5/16" - 27"	Dual flexible elbow nozzle assembly
0324-0094	UN-1	100FC,101-01FC	Multi-Gas Fuel	5"	5/16" - 27"	Standard bend nozzle
0324-0066	FE-1	100FC,101-01FC	Multi-Gas Fuel	5"	5/16" - 27"	Flexible elbow nozzle
0328-0005	4-UM-1	100FC,101-01FC	Multi-Gas Fuel	5"	5/16" - 27"	Universal mixer

Part No.	Model Number	Fuel Usage	Length	Thread	Description
0323-0192	DFE	Multi-Gas Fuel	8 3/4" each elbow	5/16" - 27"	Dual flexible elbow nozzle assembly
0323-0242	UN	Multi-Gas Fuel	5"	5/16" - 27"	Standard bend nozzle
0323-0191	FE	Multi-Gas Fuel	11 1/2"	5/16" - 27"	Flexible elbow nozzle

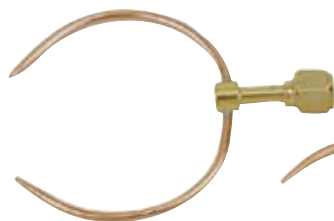
## Cutting Tips



Part No.	Model Number	Tip Size	Cut Capacity	Use with Cutting Attachment
0387-0144	00-3-101-CS	00	1/4" (6mm)	CA1350, CA1260, CA25
0387-0145	0-3-101-CS	0	1/2" (12mm)	CA1350, CA1260, CA25
0387-0146	1-3-101-CS	1	3/4" (19mm)	CA1350, CA1260, CA25
0387-0147	2-3-101-CS	2	1" (25mm)	CA1350, CA1260, CA25
0386-1231	160-02P	Adapter Air/Acetylene Only, used on 103-01FP Handle		

## Specialty Tips

### Dual Flame Tips



**D2 (0386-0546)**

Brazing capacity: 1/2" - 1 1/8"

**D1 (0386-0545)**

Brazing capacity: 1/4" - 7/8"



### Wrapper Tip

**WST-2 (0386-0573)**

Brazing capacity: 5/8" - 1 1/8"



### Tip Extensions



**E6 (0386-0556)**

6" Flexible extension



**E10 (0386-0557)**

10" Flexible extension

### Single Flame Tips



**V3 (0386-0553)**

Brazing capacity: 5/8" - 1 1/8"



**V2 (0386-0552)**

Brazing capacity: 1/2" - 1"



**V1 (0386-0551)**

Brazing capacity: 1/4" - 7/8"

## Acetylene & Oxygen Regulators



**201-05FP**  
(0386-0784)



**221-05FP**  
(0386-0786)



**SKR-200R**  
(0426-2006)



**SKR-540R**  
(0426-2005)

MODEL NO.	PART NO.	HIGH PRESSURE GAUGE		LOW PRESSURE GAUGE		DELIVERY RANGE	
		P.S.I.G.	KPA	P.S.I.G.	KPA	P.S.I.G.	KPA
TurboTorch 201-05FP Acetylene CGA-200	0386-0784	400	2,800	30	210	2-15	14-105
TurboTorch 221-05FP Oxygen CGA-540	0386-0786	4,000	28,000	100	700	4-80	28-570
TurboSkill SKR-200R CGA-200	0426-2006	400	2,800	30	270	2-15	14-105
TurboSkill SKR-540R CGA-540	0426-2005	4,000	28,000	100	700	4-80	28-570

\*Gauges scale = PSIG/KPA

## Replacement Gauges

Replacement Gauges 1-1/2"	
Part No.	Description
1424=0147	30#, Red arc, Gold Tint, Boxed
1424=0148	100#, Gold Tint, Boxed
1424=0149	4000#, Gold Tint, Boxed
1424=0150	4000#, Gold Tint, Boxed
1424=0431	30#/200KPA Red Face Gauge
1424=0432	300#/700KPA Green Face Gauge
1424=0433	400#/2800KPA Red Face Gauge
1424=0434	4000#/28,000KPA Green Face Gauge

Replacement Gauges 2"	
Part No.	Description
0426-8010	600# Turboskill Black Case Gauge
0426-8011	4000# Turboskill Black Case Gauge
1424=0017	400#/2800KPA Gold Tint, Boxed
1424=0018	600#, Gold Tint, Boxed
1424=0019	4000#/28,000KPA Gold Tint, Boxed
1424=0166	4000# Chrome, Boxed
1424=0178	400# Chrome, Boxed
1424=0283	400# Gold Tint, Boxed
1424=0284	4000# Gold Tint, Boxed
1424=0381	600#/4200KPA Gold Tint, Boxed



Regulator Gauges 50mm	
Part No.	Description
0426-8001	30# Turboskill Gauge
0426-8002	100# Turboskill Gauge
0426-8003	400# Turboskill Gauge
0426-8004	4000# Turboskill Gauge
1424=0405	30# PSIG/200 Kpa Gauge
1424=0406	100# PSIG/700 Kpa Gauge
1424=0407	400# PSIG/2800 Kpa Gauge
1424=0408	4000# PSIG/28000 Kpa Gauge



Misc. Gauges & Accessories	
Part No.	Description
1420-0003	PD 11 Test Gauge Fuel Gas
1420-0004	PD 10 Test Gauge Oxygen
1424=0330	1.4" Acetylene, Black Conn, Boxed
1429-0024	Plastic Threaded Lens
1429-0025	2" Plastic Lens
1429-0026	2 1/2" Plastic Lens
1429-0027	2" Replacement
1429-0028	2 1/2" Replacement
1429-0029	Gauge Lens 1 1/2"



## Purging Regulator

MODEL NO.	PART NO.	H. P. GAUGE		L. P. GAUGE		DELIVERY RANGE	
		P.S.I.G.	KPA	P.S.I.G.	KPA	P.S.I.G.	KPA
245-02P Nitrogen CGA-580	0386-0813	4,000	28,000	400	2,800	0-250	0-1750
245-03P Nitrogen CGA-580	0386-0814	4,000	28,000	600	4,200	0-500	0-3500



## CGA Compressed Gas Cylinder Valve Outlets & Connections

Acetylene	520, 510
Argon	580
Butane	510
Helium	580
Nitrogen	580
Oxygen	540
Propane	510

### NOTE:

These CGA connections are designed by Compressed Gas Association, Standard V-1, 6th Edition, 1987, For latest standards and connections, contact Compressed Gas Association.



### CGA 200 Acetylene (MC)

Part No.	Description
0964-0005	SWIVEL 1/4-18 NPT (M) (NUT INCLUDED .628-20 NGO RH(F))



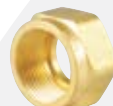
### CGA 300 Acetylene (Commercial)

Part No.	Description
0968-0003	NUT .830-14 NGO RH(F), Brass
0968-0005	SWIVEL 1/4-18 NPT, Brass 2" Long
0968-0006	NUT .830-14 NGO RH(F), Chrome
0968-0008	SWIVEL 1/4-18 NPT, Brass 1-5/8" Long
0968-0014	SWIVEL 1/4-18 NPT, Brass 3-1/4" Long
0968-0051	SWIVEL 1/4-18 NPT, Chrome 3-1/4" Long



### CGA 510 Acetylene (POL)

Part No.	Description
0970-0003	NUT .880-14 NGO LH(M), Brass
0970-0005	SWIVEL 1/4-18 NPT, Brass, 3-1/4" Long
0970-0006	NUT .880-14 NGO LH(M), Stainless Steel
0970-0008	SWIVEL 1/4-18 NPT, Brass, 4-1/2" Long
0970-0011	NUT .880-14 NGO LH(M), Chrome
0970-0015	SWIVEL 1/4-18 NPT, Brass 2-1/2" Long
0970-0017	SWIVEL 1/4-18 NPT, Chrome, 3" Long
0970-0051	SWIVEL 1/4-18 NPT, Stainless Steel No filter, 3" Long



### CGA 520 Acetylene (B)

Part No.	Description
0969-0003	NUT .899-18 NGO RH(F)
0969-0005	SWIVEL 1/4-18 NPT, 1-3/4" Long



### CGA 540 Oxygen

Part No.	Description
0967-0033	SWIVEL 1/4-18 NPT, Brass, 2-1/4" Long
0967-0034	SWIVEL 1/4-18 NPT, Brass, 3" Long
0967-0036	SWIVEL 1/4-18 NPT, Chrome, 2-1/4" Long
0967-0038	SWIVEL 1/4-18 NPT, Brass, 1-1/2" Long
0967-0039	SWIVEL 3/8-18 NPT, Brass, 2-1/4" Long
0967-0044	NUT .908-14 NGO RH(F), Brass
0967-0045	NUT .908-14 NGO RH(F), Chrome
0967-0047	NUT 3/8, Brass Std. (Use with 0967-0039)
0967-0105	NUT .908-14 NGO RH(F), Handwheel
0967-0106	SWIVEL 1/4-18 NPT, Chrome, 3" Long
0967-0110	SWIVEL 1/4-18 NPT, Chrome, 3" Long



### CGA 580 Nitrogen, Argon

Part No.	Description
0970-0005	SWIVEL 1/4-18 NPT, Brass, 3-1/4" Long
0970-0008	SWIVEL 1/4-18 NPT, Brass, 4-1/2" Long
0970-0015	SWIVEL 1/4-18 NPT, Brass, 2-1/4" Long
0970-0017	SWIVEL 1/4-18 NPT, Chrome, 3" Long
0970-0051	SWIVEL 1/4-18 NPT, Stainless Steel, No filter, 3" Long
0973-0003	NUT .960-14 NGO RH(M), Brass
0973-0004	NUT .960-14 NGO RH(M), Stainless Steel
0973-0005	NUT .960-14 NGO RH(M), Chrome



## Oxy/Acetylene Twin Hose

**252-03P (0386-1094)**

• 12.5ft., "A" Fittings



## Acetylene Hose

**AH-12 (0386-1090)**

• 12ft., "A" Fittings

**AH-24 (0386-1091)**

• 24ft., "A" Fittings



## "Total LP" Hose

**H-12 (1412-0080)** • 12ft., "B" Fittings

**H-24 (0386-1087)** • 24ft., "B" Fittings

Part No.	Model Number	Description
0386-1094	252-03P	12½ ft. Twin Hose "A" Fitting
0386-1090	AH-12	12ft. Hose "A" Fitting
0386-1091	AH-24	24ft. Hose "A" Fitting
1412-0080	H-12	12ft. Hose "B" Fitting
0386-1087	H-24	12ft. Hose "B" Fitting

## Torch Shield PL-812

**(0386-0561)**

• (8" x 12")



## Tank Key

**(0386-1226)**

• Fits B & MC Tanks



## F-1 Flints for L-1

**(1423-0024)**



## L-1 Single Flint Striker

**(1423-0023)**



## Triple Flint Striker

**(0386-0297)**



## Triple Flint Striker

**Refills**

**(0386-0298)**



## Goggles 251-01P

**(1423-0017)**

• Shade #5



## Mixer Adapters

**VM-J**

**(0386-0554)**

**VM-I**

**(0386-0555)**





**(0386-1241)**  
Turbo Tote only



**(1421-0084)**  
CutSkill Tote only



**TT-150**  
**(1421-0016)**

Durable composite construction fits "B" tank. Features include a hose rack for storage while not in use and helps protect the regulator from accidental damage. A large handle keeps your tank portable. Your spark lighter is close at hand in its own holder accessory. "B" tote can be changed from one tank to another without special tools. A heavy nylon belt can keep your outfit secure on scaffolds or in the truck.



**TSR Tank Rack**  
**(0386-0528)**

- A durable wire frame and spring combination holds 1 lb. tanks securely at a 45° angle from the floor.



**143-01**  
**(1421-0039)**

- Wheeled cylinder truck. Accommodates 40 or 10 cu. ft. acetylene and 40 or 20 cu. ft. oxygen cylinders



**TT-MCR**  
**(1421-0036)**

Heavy duty steel construction fits "MC" and "OX-20" (R) tank. Storage for tips, hose, handle and cutting attachments. Use Adapter for use with MT-1 (not included).



**TT-MC**  
**(1421-0035)**

Heavy duty steel construction fits "MC" tank or MT-1 MAPP® tank. Easy storage of tips, handle, hose and striker.



**TT-B**  
**(1421-0034)**

Heavy duty steel construction fits "B" tank. Storage for tips, hose, handle and striker.

## TT-LP TurboTest Refrigerant Leak Detector (0386-0443)

The TurboTest "Total LP" Leak Detector fits standard TurboTorch MAPP® (MT-1) or Propane (PT-1) tanks. The TurboTest "Total LP" is compact, easy to use and capable of detecting leaks of 8 oz. per year. It's made of brass construction with a stainless steel shield. Sniffer tube swivels 360° for easy handling. Heavy copper reactor plate (TT-R-LP) gives extra long life, yet is easily replaceable. Rugged stainless steel shroud will not rust. Easy-to-clean orifice is easily removed, reversed and blown clean. Steady, uniform swirl combustion flame. Complete operating instructions are included.



## Nitrogen Purge & Blow Gun Kits



### NPK-20 (0386-1234)

- 6 ft/1.8m hose
- OSHA rated blow gun
- Regulator 245-03P
- Carrying Case
- Multiple Uses: purges, blows, leak tests



### NPK-40 (0386-1236)

- 6 ft/1.8m hose
- OSHA rated blow gun
- Regulator 245-03P
- Carrying Case
- Multiple Uses: purges, blows, leak tests

## Accessories

Part No.	Model Number	Description
1421-0058	TT-20	20 cu. ft. Carrying Case
1421-0059	AH-12	40 cu. ft. Carrying Case
0916-0028	NT-40	40 cu. ft. Nitrogen Cylinder
0660-0105	BG	Blow Gun
1412-0145	BGH	Blow Gun Hose
0426-0009	SKP-40T	TurboSkill Carrying Tote



### SKRP-125 (0426-2000)

TurboSkill



### SKRP-425 (0426-2001)

TurboSkill

## 28 Turbo Cylinders & Tanks



### **PT-1 (0916-0004)**

- Propane replacement tank for use with all TurboTorch hand torches. Also for use with TurboTorch #TT-LP Leak Detector.
- Contains 14.1 oz. propane.
- CGA 600 Connection
- Non-Refillable



### **MT-1 (0916-0009)**

- MAPP® Gas replacement tank for use with TurboTorch dual fuel hand torches. Also use with TurboTorch #TT-LP Leak Detector.
- Contains 16 oz. of MAPP® Gas.
- CGA 600 Connection
- Non-Refillable



### **AC-B (0916-0005)**

- Type "B" Acetylene Cylinder, 40 cu. ft. capacity.
- CGA 520 Connection



### **AC-MC (0916-0002)**

- Type "MC" Acetylene Cylinder, 10 cu. ft. capacity.
- CGA 200 Connection
- Fits TurboTote 141-01 Case



### **NT-40 (0916-0028)**

- 40 cu. ft. Nitrogen Cylinder
- CGA 580 Connection



### **OX-20 (0916-0003)**

- Type "R" Oxygen Cylinder, 20 cu. ft. capacity.
- CGA 540 Connection
- Fits TurboTote 141-01 Case



### **T-10PS-MT (0916-0029)**

- Tank with 10 lb. capacity. Refillable with Propane.
- CGA 510 POL Connection
- 17-1/2" (44cm) high
- 8" (20cm) O.D.



## Brazing Alloys for Maintenance on Steel Products

### BF-1(0386-0422)



**BronzeFlow** (for steel materials other than stainless steel - available in 1 lb. package) Brazing range 1595-1620°F (868-882°C) for low fuming bronze. Ideal for maintenance repairs on plumbing and heating. Tensile strength - 63,000 psi. Meets AWS A5.8, ASTM B-259, Federal QQR571B, MIL-R-19631B specifications.

### NS-1(0386-0431)



**NicSil-Flow** (for stainless steel and chrome-plated products) Nickel content brazing rod. Low fuming type nickel-bronze alloy. Brazing range 1665-1680°F. Tensile strength - 70,000 psi. Meets AWS A5.8, ASTM B-259, Federal QQR571B, MIL-R-19631B specifications.

## Silver/Copper/Phosphorus Brazing Alloys

### SF-1(0386-0421)



### SF-2(0386-0493)



### SF-5(0386-0494)



### SF-6(0386-0495)



### SS-15(0386-0491)



## Aluminum Brazing Alloy

### AK-1(0386-0423)

Aluminum brazing alloy rod and flux for aluminum products, even anodized aluminum. Ideal for refrigerant coil and tubing repair. Kit includes rod and self-cleaning flux.

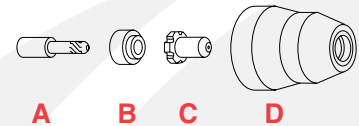


MODEL NUMBER	SILVER CONTENT	CHEMICAL COMPOSITION	SPECIFICATIONS	TEMPERATURES LIQUIDUSSOLIDUS		TYPICAL APPLICATIONS
SF-1 1 lb.	0%	0% Silver 7.1% Phosphorus Balance Copper	AWS A5.8 BCuP-2 QQB-650B	1500°F 816°C	1350°F 732°C	<ul style="list-style-type: none"> <li>• Moving joints</li> <li>• Non-moving joints</li> <li>• T-joints, swage joints, sleeves</li> <li>• Coupling on return bends and condenser fittings</li> <li>• Extending copper tubing and pipes</li> <li>• Flexible pipe connectors</li> <li>• Refrigeration control valves (copper and brass)</li> <li>• Joining copper wires to rotor bars</li> <li>• Building up control valves</li> <li>• Electrical Connectors</li> <li>• Radiant heating systems</li> <li>• Air conditioning units</li> <li>• Hot and cold water lines</li> <li>• Steam systems</li> <li>• Heat exchanges</li> <li>• Copper Joints</li> </ul>
SF-2 1 lb.	2%	2% Silver 7% Phosphorus Balance Copper 0.15% All Other	AWS/A5.8 Class BCuP-6 QQB-650C Class BCuP-6	1450°F 788°C	1190°F 643°C	
SF-5 1 lb.	5%	5% Silver 6% Phosphorus Balance Copper 0.15% All Other	AWS/A5.8 Class BCuP-3 ASMESFA5.8 Class BCuP-3 QQB-650B Class BCuP-3	1500°F 816°C	1190°F 643°C	
SF-6 1 lb.	6%	6% Silver 6.5% Phosphorus Balance Copper 0.15% All Other		1425°F 774°C	1190°F 643°C	
SS-15 1 lb.	15%	15% Silver 5% Phosphorus Balance copper	AWS A5.8 QQB-650A MIL-E-15395A	1465°F 796°C	1190°F 643°C	

Note: .45 kg per pound, 11.34 kg equals 25 lbs

# 30 Plasma Cutters

Durable and portable, our plasma cutters are designed for cutting applications most often found in the HVAC industry. Both models are engineered by Thermal Dynamics, a leader in Plasma Cutting systems and consumables.



## FP 20A (1445-0108)

Ideal for HVAC and sheet metal fabrication, this machine delivers clean cuts on most metals including stainless steel and aluminum. This inverter unit automatically links up to primary voltage from 115 to 230 volts. Weighing just 44 lbs. the FP20A is easy to move around. Connect to shop air, and this simple-to-use system is ready to cut.

### Replacement Parts and Consumables:

SL60 Torch 20' (6.1m) leads	1445-0114
Shield Cup	1445-0083(D)
Tip (Pkg. of 5)	1445-0082(C)
Start Cartridge	1445-0054(B)
Electrode (Pkg. of 5)	1445-0049(A)
O-Ring	1445-0040
O-Ring	1445-0048
Cutting Guide Kit	1445-0117
Single Stage Air Filter	1445-0080
Leather Leads Cover	1445-0116

### Dimensions

H: 15"
W: 8.5"
L: 20"
Wt: 44lb.

Cut Capacity	Input	Output	Duty Cycle
1/4" (6mm) 115V 3/8" (10mm)	115V, 1 ph 50/60 HZ, 20A 230V 230V, 1ph 50/60 HZ, 14A	20A@115VAC 25A@230VAC	30%@20 Amps 30%@20 Amps



## TPC-18 (1445-0900)

This cutting system operates on standard 115V current, and features a built-in air compressor for maximum portability. The drag torch system easily cuts through painted or rusted metals, and pilot arc enables the user to cut through grates, chain link fence and perforated metals without restarting the torch.

### Replacement Parts and Consumables:

Shield Cup	1445-0903(D)
Tip (Pkg. of 5)	1445-0909(C)
Start Cartridge	1445-0905(B)
Electrode (Pkg. of 5)	1445-0904(A)

### Dimensions

H: 10"
W: 9"
L: 16"
Wt: 55lb.

Cut Capacity	Input	Output	Duty Cycle
1/8"	115V, 1 ph 60 HZ	12A	30%@12 Amps

## Victor/TurboTorch Warranty

“LIMITED WARRANTY”: Victor warrants that its products will be free of defects in workmanship or material. The use with any Victor product or replacement parts or accessories, which are not manufactured or distributed by Victor and which may affect product safety or performance, shall render this warranty and all other warranties, whether express or implied, null and void. Should any failure to conform to this warranty appear within three years after the initial delivery, Victor shall, upon notification thereof and substantiation that the product has been stored, maintained, and operated in accordance with Victor’s recommendations and standard industry practice, correct such defects by suitable repair or replacement at its own expense.

THIS WARRANTY IS EXCLUSIVE AND IS IN LIEU OF ANY WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR OTHER WARRANTY OF QUALITY, WHETHER EXPRESSED OR IMPLIED, EXCEPT OF TITLE AND AGAINST PATENT INFRINGEMENT. Correction of non-conformities, in the manner and for the period of time provided above, shall constitute fulfillment of all liabilities of Victor to the Purchaser with respect to, or arising out of a Victor product, whether based on contract, negligence, strict tort or otherwise.

LIMITATION OF LIABILITY: Victor shall not under any circumstances be liable for special or consequential damages, such as, but not limited to, damage or loss of other property or equipment, loss of profits or revenue, cost of capital, cost of purchased or replacement goods, or claims of customers of Purchaser for service interruption. Any property damage or personal injury resulting from a Victor product, which contains replacement parts or accessories that affect the safety or performance of such product, shall be the responsibility of the purchaser and the supplier of such replacement parts or accessories and not the responsibility of Victor Equipment Company. The remedies of the Purchaser set forth herein are exclusive, and the liability of Victor with respect to any contract, or anything done in connection therewith such as the performance or breach thereof, or from the manufacture, sale, delivery, resale, or use of any goods covered by or furnished by Victor whether arising out of contract, negligence, strict tort or under any warranty, or otherwise, shall not except as expressly provided herein, exceed the price of the goods upon which such liability is based.

Victor Equipment Company P.O. Drawer 1007 Denton, Texas 76202-1007; 2800 Airport Road Denton, Texas 76207 ATTN: Warranty Repair

NOTE: Product data, materials, specifications and availability subject to change without notice.



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