

# PREST-O-LITE®

from **ESAB**



A full line of gas apparatus solutions for every application, industry, and environment.

# A Tradition of Excellance

Since 1904, professional welders have relied on PREST-O-LITE®'s air-gas equipment for exceptional value, quality, safety and performance. Today, the name PREST-O-LITE® remains synonymous with customer satisfaction. For all your welding, cutting, soldering and brazing needs, you'll find the ideal solution from the wide variety of products available with the trusted PREST-O-LITE® name. PREST-O-LITE® oxy-fuel products come with safety and performance features unique in the industry - and with quality that's unsurpassed.

## Number One in Quality

The PREST-O-LITE® product lines have achieved their No. 1 status in quality through Total Quality Control, which includes the commitment of every member of our team.

ESAB manufactures PREST-O-LITE® welding and cutting equipment to provide customers with world class quality. Quality is everyone's responsibility. From the CEO to the employees on the line. In fact, the people closest to the production process are our first line of quality defense.

Our employees - at all levels - are provided with the knowledge and skills they need to act as guardians of quality. Systems are in place to recognize and correct mistakes before they reach our customers. And our quality control efforts cover every step, from product development to production to customer service.

## Number One in Safety

Quality and safety go hand in hand. And the PREST-O-LITE® name is as well known for superior safety as it is for outstanding quality. Many unique safety features distance our products from the competition.

- Oxygen regulators have patented designs for built-in protection against cylinder-based fires or explosions.
- Regulator bodies are machined from high strength brass barstock - earning them a Lifetime Warranty.
- Regulators are color-coded for safe, convenient gas identification. Regulators are red for acetylene, green for oxygen and blue for inert gases.
- Torches feature separate gas tubes silver-soldered inside the handle for leak-free operation.
- Pure copper cutting tips are swaged from end-to-end for superior flame stability.
- Innovative flash arrestors protect hose lines, regulators, and gas cylinders from flashback flames.
- ESAB was first in the nation to offer a comprehensive Risk Awareness Program - a vital customer service to promote increased safety when using gas apparatus.
- We have the country's only UL® approved gas equipment remanufacturing facility.

## The Results

With a 99.9% customer satisfaction rate for all gas apparatus products, it's evident ESAB's quality control and safety efforts have paid off. Strict attention to quality and safety makes PREST-O-LITE® the top performing gas equipment in the industry - the choice of professionals for more than 90 years. The wide variety of outfits and components available with these prestigious names serve virtually every application in the welding and cutting arena with quality and safety unsurpassed.

# ESAB's Lifetime Warranty

ESAB's gas apparatus lifetime warranty applies to OXWELD® PUROX® Elite Series, and PREST-O-LITE® standard torches, regulators, and flowmeters, and covers manufacturer defects in materials and workmanship.

**To make a warranty claim, please call 1.800.ESAB.123,  
or visit [esabna.com/lifetimewarranty](http://esabna.com/lifetimewarranty).**



## ESAB's 100% Satisfaction Guarantee

We want you to be completely satisfied with your ESAB gas apparatus. So in addition to the standard warranty on ESAB products, we now offer the ESAB 100% Satisfaction Guarantee. It's our ongoing promise that we'll do whatever it takes to make sure that you are totally satisfied with our products for 100 days from the date of purchase.

ESAB is the only manufacturer in the business with enough confidence to offer you this unique purchase protection – allowing you to buy risk free.



### What's covered by the ESAB 100% Satisfaction Guarantee?

It covers every piece of ESAB welding equipment, every filler metal, every gas apparatus, and every plasma machine – every product that ESAB sells in the U.S., Canada, and Mexico, excluding the following: mechanized cutting machines, scarfing machines, automation equipment, spare parts, consumables, special orders, re-manufactured items, minimum run products, and freight damage.

### 100% satisfaction is always just a toll-free call away.

What happens if your ESAB product doesn't perform to your expectations? What if you're unsure about how to get the most from your product or how an ESAB product should work? Put the ESAB 100% Satisfaction Guarantee to work by visiting [www.esabna.com](http://www.esabna.com), and clicking the "100% Satisfaction Guarantee" button.

You can also talk to our Customer Satisfaction Team at 1.800.ESAB.123. An ESAB representative will find the best solution for your question or problem – guaranteed – and make sure that you are 100% satisfied with the result. Count on ESAB to do whatever it takes to make it right for you – from helping you understand a process to assisting you with a return, replacement, or refund.

## Safety. Durability. Performance. Guaranteed.

# Gas Apparatus Equipment

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# PREST-O-LITE® GT-200

## Cutting Outfit

- Cutting range up to 1/2 in. (13 mm)
- Lightweight components
- For professional jewelry, light duty repair, and maintenance work
- Sold with or without tote



### Ordering Information

PREST-O-LITE® GT-200 DLX 540/510 .....	0558005266
PREST-O-LITE® GT-200 DLX "B" .....	0558005267
PREST-O-LITE® GT-200 DLX "MC" .....	0558005268
Prest-O-Pak GT-200 DLX with Tote .....	0558005269

### Contents

W-200 Torch .....	999805
CW-200 Cutting Attachment .....	05L20
Cutting Tip 4202 1/2 in .....	16K09
Oxygen Regulator R-22-75-540A .....	18564
Acetylene Regulator R-22-15-510 .....	998765
Acetylene Regulator R-22-15-520 "B" .....	05X01
Acetylene Regulator R-22-15-200 "MC" .....	05X02
Striker .....	790F34
Goggles .....	17862
Hose 12 1/2 ft. x 3/16 in. A-A "T" Grade .....	591F72

# Precision Master

## Welding and Cutting Outfit



- Welding range up to 3/16 in. (5 mm)
- Cutting range up to 1/2 in. (13 mm)
- Lightweight components
- For professional jewelry, maintenance, and light-duty repair work
- Tanks not included



### Ordering Information

Precision Master DLX "MC" with Tote ..... 600500

### Contents

W-200 Torch .....	999805
CW-200 Cutting Attachment .....	05L20
Cutting Tip 4202 1/2 in .....	16K09
Welding Head #4 .....	06L48
Welding Head #6 .....	06L49
Welding Head #9 .....	06L50
Oxygen Regulator R-22-75-540A .....	18564
Acetylene Regulator R-22-15-200 "MC" .....	05X02
Striker .....	790F34
Goggles .....	17862
Hose 12½ ft. x 3/16 in. A-A "T" Grade .....	591F72

# Precision Master II

## Welding and Cutting Outfit

- Welding range up to 3/16 in. (5 mm)
- Cutting range up to 1/2 in. (13 mm)
- Lightweight components
- For professional jewelry, maintenance, and light-duty repair work



### Ordering Information

Precision Master II DLX "MC" with Tote ..... 0558003742

### Contents

W-200 Torch .....	999805
CW-200 Cutting Attachment .....	05L20
Cutting Tip 4202 1/2 in. .....	16K09
Welding Head #6 .....	06L49
Oxygen Regulator R-522-75-540A .....	22554
Acetylene Regulator R-522-15-510 .....	22555
Striker .....	790F34
Goggles .....	17862
Hose 12 1/2 ft. x 3/16 in. A-A "T" Grade .....	591F72

# PREST-O-LITE® Maintenance Outfit

## Welding and Cutting Outfit



- Welding range up to 1/16 in. (1.5 mm)
- Cutting range up to 1/2 in. (13 mm)
- Lightweight components
- Everything you need for brazing, soldering, and cutting
- Tanks not included



### Ordering Information

PREST-O-LITE® DLX Maintenance Outfit "B" ..... 639103  
PREST-O-LITE® DLX Maintenance Outfit "MC" ..... 639130  
PREST-O-LITE® DLX Maintenance Outfit "MC" with Tote.. 600499

### Contents

W-200 Torch .....	999805
CW-200 Cutting Attachment .....	05L20
Cutting Tip 4202 1/2 in .....	16K09
Welding Head #6 .....	06L49
Oxygen Regulator R-522-75-540A .....	22554
Acetylene Regulator R-522-15-510 .....	22555
Striker .....	790F34
Goggles .....	17862
Hose 12½ ft. x 3/16 in. A-A "T" Grade .....	591F72

# PREST-O-LITE® Brazing Outfit

## Welding and Cutting Outfit

- Welding range up to 1/8 in. (3 mm)
- Heating range up to 9 cfh acetylene (13,000 btu/hr.)
- Piston type connection between torch and heads for easy hand tightening
- RBO protection in each regulator
- Tanks not included



### Ordering Information

PREST-O-LITE® DLX Brazing Outfit "B" .....	638593
PREST-O-LITE® DLX Brazing Outfit "MC" .....	639021
Prest-O-Pak DLX Brazing Outfit "MC" with Tote.....	600498

### Contents

W-200 Torch .....	999805
Welding Head #4 .....	06L48
Welding Head #9 .....	06L50
Oxygen Regulator R-22-75-540A .....	18564
Acetylene Regulator R-22-15-510 "B" .....	05X01
Acetylene Regulator R-22-15-200 "MC" .....	05X02
Striker .....	790F34
Goggles .....	17862
Hose 12½ ft. x 3/16 in. A-A "T" Grade .....	591F72

# W-200/CW-200

## PREST-O-LITE® Combination Torch



### Light-Duty

W-200 welding handle

CW-200 cutting attachment

- Any fuel gas
- Cuts 2 in.
- Heats 59,000 btu/hr. using cfh
- Welds 3/8 in.
- For light production welding, brazing, and cutting
- Solid brass forged body with drilled passages — no mixed gases in handle
- Ease on control of cutting oxygen for smoother starts



# W-200/CW-200

## PREST-O-LITE® Combination Torch

### Light-Duty



**Welding Handle**

Description	Part Number
W-200	999805



**Cutting Attachment**

CW-200	Part Number
90°	05L20

**Cutting Tips Series**

Acetylene	See Page
4202	50
Alternate Fuels	See Page
One-Piece 4203	51
One-Piece 4216	50
Two-Piece 4217	52

**Welding Head,  
Acetylene Single Flame**

Size	Steel Thickness	Part Number
	in.	
1	32 gauge	06L46
2	25-32 gauge	06L47
4	1/32	06L48
6	1/16	06L49
9	1/8	06L50
15	3/16	06L52
30	3/8	06L54

**Heating Head,  
Acetylene Multi Flame**

Size	btu/hr.	Part Number
15	22,000	07L13
30	44,000	07L15
40	59,000	07L17



**Twin Flame Head, Acetylene**

Size	btu/hr.	Part Number
40	44,000	07L18

**Twin Flame Head, Alternate Fuels**

Size	btu/hr.	Part Number
40	44,000	07L19

# Air Gas Outfits

## PREST-O-LITE® 5-in-1 Outfit with Soft Flame Tips

For all purpose soldering, heating, and brazing

- Meets most industrial demands
- "B" tank and "MC" tank models available
- Interchangeable tips — for proper flame size and heat
- Soldering iron — for use without open flame
- Change tips in seconds — no tools necessary; tips lock in any working position
- Common torch handle — provides equivalent of five outfits
- Adjustable pressure regulator for steady gas delivery and stable flames



## PREST-O-LITE® 4-in-1 Outfit with Soft Flame Tips

- Identical to 5-in-1 Outfit without the soldering iron

## Ordering Information

<b>5-in-1 Outfit</b>	
For "B" Tank .....	30X60
For "MC" Tank .....	30X61
<b>4-in-1 Outfit</b>	
For "B" Tank .....	30X63
For "MC" Tank .....	30X64

## Refrigeration and Air Conditioning Outfits with Soft Flame Tips

All soldering, heating and bending equipment for refrigeration and air-conditioning work in a handy kit

- Piston type connection between torch and heads for easy hand tightening
- RBO protection in each regulator
- Sold with or without tote and/or tanks



## Ordering Information

For "B" Tank .....	30X66
For "MC" Tank .....	30X67

# Air Gas Outfits

## PREST-O-LITE® General Purpose Air-Acetylene Outfits with Soft Flame Tip

For sweat-type fittings, heating, and brazing

- Ideal for copper, brass, steel, and wrought iron pipe with solder-type fittings
- Precision flame control — for joints near a wall, against each other, and in hard-to-reach places
- Instant heat — 4,000°F, without pumping or priming
- Convenient — small, light, easy to handle, and always ready to use
- Efficient — ample range for run-of-shop work; unaffected by drafts, wind, and rain
- "B" tank and "MC" tank models available
- Adjustable pressure regulator with contents gauge and delivery pressure indicators on pressure adjustment knob



## PREST-O-LITE® Swirljet® Outfit

For faster soldering and brazing

- Superhot flame from Swirljet® tips will silver- or alloy-braze pipe faster than a conventional flame
- More effective — flame concentrates heat on work where needed — less waste
- Shorter wraparound flame allows soldering of joints within an inch of walls or woodwork without damaging or discoloring
- Efficient — for use under all weather conditions; wind will not deflect high velocity flame
- Adjustable pressure regulator with contents gauge and delivery pressure indicators on pressure adjustment knob
- Two outfits available — one for acetylene; one for MAPP or propane in refillable tanks

## Ordering Information

For "B" Tank .....	30X37
For "MC" Tank .....	30X38



## Ordering Information

For Acetylene "B" Tank .....	998623
For Refillable Propane Tank or MAPP .....	999147

# Air Gas Outfits

## PREST-O-LITE® Silversmith Outfit with Soft Flame Tip

- Includes all essential equipment required for fine silversmith and other detail work
- Similar to the General Purpose Outfit except that it contains a smaller torch tip, a shorter hose assembly, and a friction lighter



## Ordering Information

For "B" Tank ..... 639297

# Air Gas Outfits

## PREST-O-LITE® Ordering Information and Components

Air Acetylene Outfits	Part Number	5-in-1 Outfits		4-in-1 Outfits		General Purpose Outfits		Silver-Smith Outfit	Refrigeration and Air-Conditioning Outfits		Swirljet® Outfits		
		30 x 60	30 x 61	30 x 63	30 x 64	30 x 37	30 x 38		639297	30 x 66	30 x 67	998623	999147
Number 403 Torch Handle (valve at rear)	02X93	■	■	■	■	■	■	■	■	■	■	■	■
Number 1A Fine Torch Tip	638948	■	■	■	■					■	■		
Number 3 Light Torch Tip	10X23	■	■	■	■			■	■	■	■		
Number 3 Swirljet® Torch Tip	21471											■	
Number 4 Swirljet® Tip	21475												■
Number 4 Medium Torch Tip	10X24	■	■	■	■	■	■	■		■	■		
Number 5 Heavy Torch Tip	10X25	■	■	■	■								
Number 8 Soldering Iron (Pointed Copper)	11X18	■	■										
R-411B Regulator (for "B" Tank)	04X36	■		■		■		■	■	■	■		
R-411MC Regulator (for "MC" Tank)	04X37		■		■		■				■		
R-416 LPG Regulator	05X38												■
6 ft. length 3/16 in. (A-A) Fitted Hose Assembly	501F11							■					
12½ ft. length 3/16 in. (A-A) Fitted Hose Assembly	501F12	■	■	■	■	■	■	■	■	■	■		
12 ft. length 3/16 in. (A-A) Special Fitted Hose Assembly	90F50								■				■
Friction Lighter	790F34							■					

# Torches

## Handles and Tips



### PREST-O-LITE® Torch Handles

#### Model Number 401M

- Compact and comfortable to work with
- Features a quick-acting connection for fast tip changes without tools
- Standard and Swirljet® tips fit interchangeably
- Valve assembly for 401M is located at the front of the handle for convenient flame adjustment
- Valve incorporates a gas flow adjustment knob with a shutoff lever, permitting relight without flame readjustment



Model 401M



Model 403

#### Model Number 403

- Same compact torch handle as above
- Feature a quick-acting connection for fast tip changes without tools
- Standard and Swirljet® tips fit interchangeably
- Control valve at the rear for handy shutoff and automatic gas regulation

### Ordering Information

#### Model 401M

Number 401M Torch Handle  
(forward on-off valve with flame control knob) ..... 639297

#### Model 403

Number 403 Torch Handle (valve at rear) ..... 02X93  
Needle Valve for Number 403 Torch Handle ..... 19X39

### Specifications — Operating Pressures and Gas Consumption and Replacement Parts

Tip Size	Flame Port Size	Operating Pressure Range	Gas Consumption	Mixer Disks	Filter Screw
	in.	psig	cfh		
1A	1/10	1-5	0.2-1	638783	998311

# Torches

## Handles and Tips

### PREST-O-LITE® Standard Torch Tips

- Interchangeable with both PREST-O-LITE® torch handles

### Specifications — Operating Pressures and Gas Consumption and Replacement Parts

Tip Size	Flame Port Size	Operating Pressure Range	Gas Consumption	Mixer Disks	Filter Screw
	in.	psig	cfh		
1A	1/10	1-5	0.2-1	638783	998311



Fine Soft Flame



Soldering Iron



Number 1 FG Tip



Number 6 FG Tip

### Ordering Information

#### For acetylene use

##### Number 1-A

Fine Soft Flame — For fine jewelry work, telephone switchboard and other small-wire soldering, radiator fine soldering ..... 638948

##### Number 3-A

Light Soft Flame — For many wire splicing assignments, some jewelry work, light sheet metal work ..... 10X23

##### Number 4-A

Medium Soft Flame — For automobile body work and copper tube joints in the 1/2 to 1 in. range ..... 10X24

##### Number 5-A

Heavy Soft Flame — For most heating jobs and for copper tubing joints in the 3/4 to 1 1/2 in. range ..... 10X25

##### Number 6-A

Extra-Heavy Soft Flame — For maximum heating, such as needed for large-diameter copper tubing ..... 10X26

##### Number 8-A

Soldering Iron with pointed copper ..... 11X18

Replacement Soldering Tip — Pointed ..... 23S32

##### Number 8-C

Soldering Iron with chisel copper ..... 11X17

Replacement Soldering Tip — Chisel ..... 23S20

#### Propylene, MAPP, or propane use

##### Number 1FG

Pencil flame tip for precision work and soldering aluminum ..... 17861

##### Number 6FG

Bushy flame tip for heat shrinking ..... 11X19

# Torches

## Swirljet® Tips



### PREST-O-LITE® Swirljet® Tips

In the Swirljet® tip, mixed gases (air and fuel) are swirled at very high velocity through a propeller-like set of vanes at the rear of the flame tube. This swirling produces a much hotter, relatively short flame that concentrates heat output on the work. Swirljet® tips are available for air-acetylene and air-fuel gas use.

- Superior to standard tips — provide maximum effective heating power
- Short wrap-around flame for close work — no heat damage to walls or woodwork as close as 1 in. away
- All weather use — protected, high velocity flame works in wind, rain and sub-zero temperatures
- Interchangeable with both PREST-O-LITE® 403 and 401M torch handles
- Run quieter, cooler, and give better heat transfer than other comparable tips



Acetylene Swirljet® Tip



Fuel Gas Swirljet® Tip



Tip Ad. 19595



Tip Ad., J40

### Operating Pressures

Swirljet® air-acetylene tips require a minimum acetylene pressure of 13 psig and are so labeled. Do not use with any regulator preset to deliver 10 psig or less. Swirljet® air-fuel gas tips require pressure of 24 psig with propane, 32 psig with propylene, and 36 psig with MAPP. Operating at too low a pressure will cause overheating at the flame tube.

### Ordering Information

#### Tip Adaptor

Used to connect threaded POL air-acetylene or air-propane tips to Quick Disconnect torch handles ..... 19505

#### Tip Adaptor

Used to connect threaded POL air-acetylene or air-propane tips to W-200 torch handles ..... 639040

#### Filter Screw Assembly

(for all tips - except #5 acetylene) ..... 998311

Filter Screw Assembly for #5 Acetylene Tips ..... 998312

# Torches

## Swirljet® Tips

### PREST-O-LITE® Swirljet® Tips — Acetylene

Model	Part Number	Fuel	Pressure Gas Flow			Copper Tubing Size and Capacity		Replacement Mixer Tip
			psig	cfh	btu	Soft Solder	Silver Braze	
SJ-0A	22588	Acetylene	13	2	3,000	1/8-1/2	1/8-1/4	21478
SJ-1A	22589	Acetylene	13	3.6	5,300	1/4-1	1/8-1/2	0558001907
SJ-2A	22590	Acetylene	13	5.7	8,300	3/4-1½	1/4-3/4	0558001908
SJ-3A	21471	Acetylene	13	7.2	16,500	1-2	1/2- 1	21481
SJ-4A	21472	Acetylene	13	12.8	18,500	2-4	1-2	21482
SJ-5A	21473	Acetylene	13	33.8	50,000	4-6	1-4	21483

### PREST-O-LITE® Swirljet® Tips — Propylene

Model	Part Number	Fuel*	Pressure Gas Flow			Copper Tubing Size and Capacity		Replacement Mixer Tip
			psig**	cfh	btu	Soft Solder	Silver Braze	
						in.	in.	
SJ-3LPG	21474	Propylene	32	1.5	3,500	1/4-1½	1/4 -1/2	21478
SJ-4LPG	21475	Propylene	32	3.1	7,300	1/4-2½	1/4-1¼	21479
SJ-5LPG	21476	Propylene	32	8.0	19,000	1-4	1/2-2	21480

\*These tips can also be used with propane and MAPP gas.

\*\*24 psig with propane, 36 psig with MAPP.

Operating at too low a pressure will cause overheating at the flame tube.

# Torches

## Air-Acetylene Swirljet® Kits



### X-3B POL Kit

Flexible kit bronze brazes light/medium gauge steel

- Soft solders to 4 in. (100 mm)
- Silver brazes to 2 in. (50 mm)
- "B" tank connection
- Quick Disconnect - interchangeable with TurboTorch® and Goss® handles and tips



### X-4B POL Kit

Higher capacity kit bronze brazes medium/heavy gauge steel

- Soft solders to 6 in. (150 mm)
- Silver brazes to 4 in. (100 mm)
- "B" tank connection
- Quick Disconnect - interchangeable with TurboTorch® and Goss® handles and tips



### Ordering Information

X-3B POL Kit ..... 21954

### Kit Contains

R-411B (CGA520) Regulator .....	04X36
POL QD#1 Torch .....	21702
QD-SJ-3A Tip .....	21703
QD-SJ-4A Tip .....	21704
Hose 12½ ft. x 3/16 in. A-A Fuel Gas .....	501F12

### Ordering Information

X-4B POL Kit ..... 21955

### Kit Contains

R-411B (CGA520) Regulator .....	04X36
POL QD#1 Torch .....	21702
QD-SJ-4A Tip .....	21704
QD-SJ-5A Tip .....	21705
Hose 12½ ft. x 3/16 in. A-A Fuel Gas .....	501F12

TurboTorch® is a registered trade name of Thermadyne.  
Goss® is a registered trade name of Goss®.

# Torches

## Air-Acetylene Swirljet® Kits

### X-5B POL Kit

Flexible lighter duty kit

- Soft solders to 2 in. (50 mm)
- Silver brazes to 1 in. (25 mm)
- "B" tank connection
- Quick Disconnect - interchangeable with TurboTorch® and Goss® handles and tips



### X-6MC POL Kit

All purpose kit for using "MC" tank

- Soft solders to 2 in. (50 mm)
- Silver brazes to 1 in. (25 mm)
- "MC" tank connection
- Quick Disconnect - interchangeable with TurboTorch® and Goss® handles and tips



### Ordering Information

X-5B POL Kit ..... 21956

### Kit Contains

R-411B (CGA520) Regulator	04X36
POL QD#1 Torch	21702
QD-SJ-3A Tip	21703
Hose 12½ ft. x 3/16 in. A-A Fuel Gas	501F12
Friction Lighter	790F34

### Ordering Information

X-6MC POL Kit ..... 21957

### Kit Contains

R-411MC (CGA200) Regulator	04X37
POL QD#1 Torch	21702
QD-SJ-3A Tip	21703
QD-SJ-4A Tip	21704
Hose 12½ ft. x 3/16 in. A-A Fuel Gas	501F12

TurboTorch® is a registered trade name of Thermadyne.  
Goss® is a registered trade name of Goss®.

# Torches

## Air-Acetylene and Air-LP Swirljet® Kits



### PZ-5A "MC" Kit

- Self-lighting tip
- Soft solders to 2 in. (50 mm)
- Silver brazes to 1 in. (25 mm)
- "MC" tank connection
- Quick Disconnect - interchangeable with TurboTorch® and Goss® handles and tips



### Ordering Information

PZ-5A "MC" Kit ..... 0558003175

### Kit Contains

R-411MC (CGA200) Regulator	04X37
POL QD#1 Torch	21702
PZ5A Tip	22575
Hose 12½ ft. x 3/16 in. A-A Fuel Gas	501F12
Kit Available with R-411B Regulator	0558003176

### LP-1 POL Kit - LP

- Soft solders to 6 in. (150 mm)
- Silver brazes to 4 in. (100 mm)
- Quick Disconnect - interchangeable with TurboTorch® and Goss® handles and tips



### Ordering Information

LP-1 POL Kit - LP ..... 21951

### Kit Contains

R-416 LPG Regulator	05X38
POL QD#1 Torch	21702
QD-SJ-4LPG Tip	21707
QD-SJ-6LPG Tip	21709
Hose 12½ ft. x 3/16 in. A-A Fuel Gas	90F50

TurboTorch® is a registered trade name of Thermadyne.  
Goss® is a registered trade name of Goss®.

# Torches

## Air-LP Swirljet® Kits

### LP-2 POL Kit - LP

For jobbing and smaller work

- Soft solders to 2½ in. (60 mm)
- Silver brazes to 1¼ in. (30 mm)
- Quick Disconnect - interchangeable with TurboTorch® and Goss® handles and tips



### Ordering Information

LP-2 POL Kit - LP ..... 21952

### Kit Contains

R-416 LPG Regulator	.....	05X38
POL QD#1 Torch	.....	21702
QD-SJ-3LPG Tip	.....	21706
QD-SJ-5LPG Tip	.....	21708
Hose 12½ ft. x 3/16 in. A-A Fuel Gas	.....	90F50

### LP-3 POL Kit - LP

- Soft solders to 4 in. (100 mm)
- Silver brazes to 2 in. (50 mm)
- Quick Disconnect - interchangeable with TurboTorch® and Goss® handles and tips



### Ordering Information

LP-3 POL Kit - LP ..... 21953

### Kit Contains

R-416 LPG Regulator	.....	05X38
POL QD#1 Torch	.....	21702
QD-SJ-4LPG Tip	.....	21707
Hose 12½ ft. x 3/16 in. A-A Fuel Gas	.....	90F50
Friction Lighter	.....	790F34

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Goss® is a registered trade name of Goss®.

# Torches

## QD Handle and QD Swirljet® Tips



### Swirljet® Tips and Torch Handle

These Swirljet® tips are designed to be used with the PREST-O-LITE® #1 Quick Disconnect torch handle. They run quieter and cooler, and give better heat transfer than other comparable tips.

### Interchangeable with TurboTorch® and Goss® Handles and Tips

Description	Part Number	Replaces TurboTorch® Model
POL #1 Quick Disconnect Torch Handle	21702	G-4

- Quick disconnect
- Interchangeable with TurboTorch® and Goss® handles and tips



### PZ Spark Lighting Tip – Acetylene/Fuel Gas

#### Air Acetylene, Swirl Flame, Auto-Ignite Tips

Quick Connect		Replacement Tip End		Copper Tubing Size Capacity Using 15 psig Acetylene		
Model Number	Part Number	Model Number	Part Number	Soft Solder	Silver Solder	Gas Flow
				in.	in.	cfh
PZ-3A	22602	PZ-3ATR	22605	1/4-1	1/8-1/2	3.5
PZ-4A	22603	PZ-4ATR	22606	3/4-1½	1/4-3/4	5.1
PZ-5A	22575	PZ-5ATR	22607	1-2	1/2-1	6.8
PZ-6A	22604	PZ-6ATR	22608	2-4	1-2	9.1

- One-handed operation
- No need for a separate spark lighter
- Swirl flame for maximum heat transfer



### Fuel Gas, Swirl Flame, Auto-Ignite Tips

Quick Connect		Replacement Tip End		Copper Tubing Size Capacity Using 15 psig Acetylene			
Model Number	Part Number	Model Number	Part Number	Propane Gas		MAPP Gas	
				Soft Solder	Silver Solder	Soft Solder	Silver Solder
				in.	in.	in.	in.
PZ-3P	22609	PZ-3PTR	22612	1/4-1	1/8-1/2	1/4-1½	1/4-1/2
PZ-4P	22610	PZ-4PTR	22613	3/4-1½	1/4-3/4	1/4-2½	1/4-1¼
PZ-5P	22611	PZ-5PTR	22614	1½-2½	1/2-1¼	1-4	1/2-2



### Ordering Information

Tip Adaptor to connect threaded POL tips to Quick Disconnect torch handles ..... 19505

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# Torches

## Swirljet® Tips

### Acetylene Swirljet® Tips

Description	Part Number	Replaces TurboTorch® Model	Fuel	Pressure psig	Gas Flow cfh	Copper Tubing Sizing and Capacity		Replacement Mixer Tip
						Soft Solder in.	Silver Braze in.	
QD SJ-OA	22591	A-2	Acetylene	13	2	1/8-1/2	1/8-1/4	21478
QD SJ-1A	22592	A-3	Acetylene	13	3.6	1/4-1/2	1/8-1/2	0558001907
QD SJ-2A	22593	A-5	Acetylene	13	5.7	3/4-1½	1/4-3/4	0558001908
QD SJ-3A	21703	A-8	Acetylene	13	7.2	up to 2	1/2-1	21481
QD SJ-4A	21704	A-14	Acetylene	13	12.8	2-4	1-2	21482
QD SJ-5A	21705	A-32	Acetylene	13	33.8	4-6	1-4	21483

■ Quick disconnect



### Fuel Gas Swirljet® Tips

Description	Part Number	Replaces TurboTorch® Model	Fuel	Pressure psig	Gas Flow cfh	Copper Tubing Sizing and Capacity		Replacement Mixer Tip
						Soft Solder in.	Silver Braze in.	
QD SJ-3LPG	21706	T-3	Propylene*	32	1.5	1/4-1½	1/4-1/2	21478
QD SJ-4LPG	21707	T-4	Propylene*	32	3.1	1/4-2½	1/4-1¼	21479
QD SJ-5LPG	21708	T-5	Propylene*	32	8.0	1-4	1/2-2	21480
QD SJ-6LPG	21709	T-6	Propylene*	32	16.2	1-6	3/4-4	21482

■ Quick disconnect



\*These tips can also be used with propane and MAPP gas (refer to instruction literature for appropriate pressures and flows for these gases). Filter Screw Assembly - Part Number 998311 (for all tips - except #5 acetylene).

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### PZ-503 and Accessories

- Self-igniting torch; burn propylene, MAPP, or propane gas
- Adjustable flame control



PZ-503 Torch



PZ-503 Torch Kit



12 ft. Hose Assembly



Adaptor

### Ordering Information

PZ-503	.....	22533
PZ-503 Kit with Propane Cylinder	.....	22536
<b>12 ft. Hose Assembly</b>		
Connects PZ Torches and SS-9 to CGA-510 fuel gas cylinder	.....	22579
<b>Adaptor</b>		
Connects PZ Torches and SS-9 to "B" LH size fuel gas hose	.....	22580

# Regulators

## PREST-O-LITE® Pressure Regulators

- New and improved
- Small and lightweight, yet rugged and dependable
- Outperform regulators twice their size
- Oxygen models have patented, built-in Regulator Burnout (RBO) protection
- Fine mesh inlet filters prevent contamination



R-411/R-416 Regulator



R-522 Regulator

## Specifications and Ordering Information

### R-411/R-416

Gas	Model	Part Number	Maximum Delivery Pressure	Outlet Connection	Gauges	
			psig		Contents	Delivery Pressure
“B” Acetylene Tank (40 cf)	R-411B	04X36	15	“A” size	*	none
“MC” Acetylene Tank (10 cf)	R-411 MC	04X37	15	“A” size	*	none
Liquified Fuel Gas Cylinders with CGA 510 Outlet such as propylene or propane	R-416 LPG	05X38	60	“A” size	none	100 psig

### R-522

Gas	Model	Part Number	Maximum Delivery Pressure	CGA Outlet Connection
			psig	
Oxygen	R-522-75-540	22237	75	9/16 in. - 18 RH male
	R-522-75-540A	22554	75	3/8 in. - 24 RH male
Acetylene	R-522-15-520	22238	15	9/16 in. - 18 LH male
	R-522-15-200	22239	15	9/16 in. - 18 LH male
	R-522-15-300	22240	15	9/16 in. - 18 LH male
	R-522-15-510	22241	15	9/16 in. - 18 LH male
	R-522-15-510A	22555	15	3/8 in. - 24 LH male
Inert gas	R-522-CF-580	22492	10-40 cfh	5/8 in. - 18 RH female

\*Graduated as follows: full, 3/4, 1/2, 1/4, empty.

# Regulators

## PREST-O-LITE® Pressure Regulators

- New and improved
- Small and lightweight, yet rugged and dependable
- Outperform regulators twice their size
- Oxygen models have patented, built-in explosion protection
- Fine mesh inlet filters prevent contamination



R-22



R-36

## Specifications and Ordering Information

### R-22

Gas	Model	Part Number	Maximum Delivery Pressure	Outlet Connection	Gauges	
			psig		Contents	Delivery Pressure
<b>Acetylene</b>						
“B” Acetylene Tank (40 cf)	R-22-15-520B	20971*	15	“B” size	***	15 psi
“MC” Acetylene Tank (10 cf)	R-22-15-200MC	20972**	15	“B” size	***	15 psi
Standard Acetylene Cylinders with CGA 510 Outlet	R-22-15-510A	998765	15	“A” size	4,00 psi	15 psi
<b>Oxygen</b>						
Standard Oxygen Cylinders with CGA 540 Outlet	R-22-75-540A	18564	75	“A” size	4,000 psi	100 psi

### R-36

Gas	Model	Part Number	Maximum Delivery Pressure	Outlet Connection	Gauges	
			psig		Contents	Delivery Pressure
Inert Gas	R-36-500-580	21365	500	1/4 flared 37°	4,000 psi	400 psi

\*20971 = 05X01 and 18Z56 Adapter.

\*\*20972 = 05X02 and 18Z56 Adapter.

\*\*\*Graduated as follows: full, 3/4, 1/2, 1/4, empty.

# Regulators

## Specifications

### PREST-O-LITE® Regulator Replacement Gauges

Regulator Part Number	Regulator Description	Contents Gauge (Colored)	Contents Gauge (White)	Delivery Gauge (Colored)	Delivery Gauge (White)
21365	R-36-500-580	22441 (Blue)	21938 (White)	22442 (Blue)	-----
18564	R-22-75-540A	21868 (White)	-----	21866 (White)	-----
20968	R-22-75-540B	21868 (White)	-----	21866 (White)	-----
998765	R-22-15-510A	21867 (White)	-----	21865 (White)	-----
20969	R-22-15-510B	21867 (White)	-----	21865 (White)	-----
05X01	R-22-15-520	21867 (White)	-----	21865 (White)	-----
05X02	R-22-15-200	21867 (White)	-----	21865 (White)	-----
20971	R-22-15-520B	21867 (White)	-----	21865 (White)	-----
20972	R-22-15-200B	21867 (White)	-----	21865 (White)	-----
22237	R-522-75-540	22321 (Green)	-----	22323 (Green)	-----
22238	R-522-15-520	22322 (Red)	-----	22324 (Red)	-----
22239	R-522-15-200	22322 (Red)	-----	22324 (Red)	-----
22240	R-522-15-300	22322 (Red)	-----	22324 (Red)	-----
22241	R-522-15-510	22322 (Red)	-----	22324 (Red)	-----
22492	R-522-CF-580	22506 (Blue)	-----	22507 (Red)	-----
04X36	R-411B	18695 (Red)*	-----	-----	-----
04X37	R-411MC	18695 (Red)*	-----	-----	-----
05X38	R-416LPG	-----	-----	18700 (Red)	-----
21807	R-511B	21812 (Red)	-----	-----	-----
21806	R-511MC	21812 (Red)	-----	-----	-----
21820	R-511LPG	-----	-----	21833 (White)	-----

\*Dial actually marked with fractional contents of acetylene cylinders (1/4, 1/2, 3/4, full). Dial shade refers to decorative background color: Red - Fuel Gas; Green - oxygen; White - for any gas that is not oil pumped. Gauge markings: "USE NO OIL." "RB" models are for acetylene. Blue - for any gas EXCEPT oxygen. Used on all inert gas regulators.



2 1/2 in., 1/4 turn twist-lock



2 in., 1/4 turn twist-lock



2 in., snap-in

## Ordering Information

### Replacement Windows

2 1/2 in., 1/4 turn twist-lock .....	18858
2 in., 1/4 turn twist-lock .....	18859
2 in., snap-in .....	18702

# Adaptors

## PREST-O-LITE® Adaptors

### To Make Connection Between

PREST-O-LITE® "B" Tank --- and --- Regulator for "MC" Tank

### Use This Adaptor

Description	Part Number
"B" to "MC"	119X07



### To Make Connection Between

PREST-O-LITE® "MC" Tank --- and --- Regulator for "B" Tank

### Use This Adaptor

Description	Part Number
"MC" to "B"	19X41



### To Make Connection Between

PREST-O-LITE® Standard "A" Size Regulator (left-hand) --- and --- Standard "B" Size Hose Connection (left-hand)

### Use This Adaptor

Description	Part Number
"A" to "B" Hose Connection	18Z56 3/8-24 in. RH female to 9/16-18 in. LH male



### To Make Connection Between

PREST-O-LITE® Standard "A" Size Regulator (right-hand) --- and --- Standard "B" Size Hose Connection (right-hand)

### Use This Adaptor

Description	Part Number
"A" to "B" Hose Connection	18Z57 3/8-24 in. RH female to 9/16-18 in. RH male



### To Make Connection Between

PREST-O-LITE® Nitrogen Regulator (female outlet) --- and --- Refrigeration Hose (nut for 1/4 in. male flare)

### Use This Adaptor

Description	Part Number
Outlet Reducer	17544 5/8-18 in. male to 7/16-20 in. male



# Nitrogen Purge and Blow Gun Kits

## PREST-O-LITE® Purging and Pressure Testing

Using a refrigerant for purging contaminants from a system is no longer acceptable. To remove contaminants from a system and remain environmentally safe, use dry nitrogen. To assure the system is clean of contaminants before charging with refrigerants, purge the system with low pressure dry nitrogen when brazing. Testing a system for leaks with nitrogen will save time and money. PREST-O-LITE®'s Nitrogen Regulator R-36-500-580 can deliver up to 500 psig to pressurize a system for leak testing at operating pressure. Always use manufacturer's recommended specifications for maximum test pressure before testing.



NPK-40S

### NPK-40S (22546)

- 6 ft., 1/8 m hose
- OSHA rated blow gun
- Regulator, R-36-500-580
- Carrying stand
- Multiple uses: purges, blows, leak tests



NPK-40TS

### NPK-40TS (22545)

- 40 cu. ft. tank, refillable, empty
- 6 ft., 1/8 m hose
- OSHA rated blow gun
- Regulator, R-36-500-580
- Carrying stand
- Multiple uses: purges, blows, leak tests

## Specifications Nitrogen Purge Kit

Description	Part Number	Model Number
40 cu. ft. Carrying Stand	88F82	NPA-S
40 cu. ft. Nitrogen Cylinder	22544	NPA-T
Blow Gun	22542	NPA-G
Charging Hose 6 ft.	22543	NPA-H
Blow Gun and Hose Assembly	22548	NPA-GH
Blow Gun, Hose Assembly, and Regulator	22547	NPA-GHR

# Accessories

## Tanks and Carriers

- "R" Oxygen Tank holds 20 cu. ft. — new, empty
- "MC" Acetylene Tank holds 10 cu. ft. — new, empty

## Cylinder Pressure Test Gauges

Gauge Part Number	Used On	Contents
20864	"MC" Tank	400 psig
20865	"B" Tank	400 psig
20866	"R" Cylinder	4,000 psig



"R" Oxygen Tank      "MC" Acetylene Tank

22457      22456



Test Gauge Assembly

## Specifications and Ordering Information

Description	Part Number	Cylinders Accommodate	Height	Width	Weight
			in.	in.	lbs
Cart, Small, Rubber Wheel	88F69	Small Medical	41	12	6
Carrying Stand	88F82	-	28 <sup>3</sup> / <sub>4</sub>	7 <sup>3</sup> / <sub>4</sub>	3 <sup>1</sup> / <sub>2</sub>
Kangaroo Cart	0558003632	"R" and "MC"	24	12 <sup>1</sup> / <sub>4</sub>	2 <sup>1</sup> / <sub>2</sub>
Bracket, Wall Mount Single	88F71	1K or 1T	-	-	2
Bracket, Wall Mount Double	88F72	2K or 2T	-	-	3 <sup>1</sup> / <sub>2</sub>
"B" Tank Handle	25Y29	-	-	-	-



Carrying Stand



Kangaroo Cart



"B" Tank Handle

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