

Ranked #1 for Commercial Refrigeration Technicians



# Mastar® Outfits

**FOR U.S. JOBS**  
UNIWELD EMPLOYS OVER 300 WORKERS

Highly rated by commercial refrigeration technicians, Mastar® outfits contain all the necessary top of the line components for welding, cutting and brazing.

1 Oxyacetylene



- Industrial grade Mastar® series regulators with protective rubber gauge boots
- Rear valve welding handle with stainless steel ball point valves for accurate gas control
- Cutting attachment with one-piece solid copper mixer that cuts up to 1/2" steel with supplied cutting tip
- Rosebud tip for brazing up to 2 5/8" copper tubing
- Welding tip for brazing up to 1" copper tubing and welding up to 1/8" steel

**KL550-TR**



**KL550-4P-T**

C = Metal Carrying Stand  
C-T = Metal Carrying Stand & Tanks  
P = Plastic Carrying Stand  
P-T = Plastic Carrying Stand & Tanks  
TR = Metal Hand Truck w/Wheels

Additional outfit options listed below include a variety of carrying stands and tanks\*. Optional tips expand capabilities. See pages 16-19

	Part#	UPC#	Welding HanDrillsdle	Welding/ Brazing Tip	Rosebud Heating Tip	Cutting Attachment	Cutting Tip	Oxygen Regulator	Acetylene Regulator	Carrying Stand	Tanks*
Outfits	KL550-4	82200			Type17-15		5-101-0D	RS0	RSMC2	w/o	w/o
	KL550-4C	82201			Type17-15		5-101-0D	RS0	RSMC2	500S	w/o
	KL550-4C-T	82202			Type17-15		5-101-0D	RS0	RSMC2	500S	MC/R
	KL550-4P	82205	WH550	Type17-2	Type17-15	CA550	5-101-0D	RS0	RSMC2	511	w/o
	KL550-4P-T	82206			Type17-15		5-101-0D	RS0	RSMC2	511	MC/R
	KL550-5	82207			Type17-15		5-101-0D	RS0	RSB2	w/o	w/o
	KL550-TR	82208			w/o		5-101-2D	RS0	RSB2	504	w/o
	KL555-TR	82259			w/o		5-101-2D12106 [psi/kg]	12107 [psi/kg]		504	w/o

Outfits Include: H32A [12.5] ft. Twin Hose, WG53 Goggles, FL34 Flint Lighter, W05 Tank Key w/chain.

\*Tanks Shipped Empty



For Maintenance/Service Technicians



# Mastar® Outfits

**FOR U.S. JOBS**  
UNIWELD EMPLOYS OVER 300 WORKERS

This premium outfit includes all the components of the Mastar® outfit on page 4, plus an air/fuel adaptor that modifies the welding handle to be used with any of Uniweld's efficient quick connect air/acetylene tips.



**KLT550-4**

- Industrial grade Mastar® series regulators with protective rubber gauge boots
- Rear valve welding handle with stainless steel ball point valves for accurate gas control
- Cutting attachment with one-piece solid copper mixer that cuts up to 1/2" steel with supplied cutting tip. Optional cutting tips available for cutting up to 2" steel
- Rosebud tip for brazing up to 25/8" copper tubing
- Welding tip for brazing up to 1" copper tubing and welding up to 1/8" steel
- Twister® air/acetylene tip for plumbing and repair work



**KLT550-4C-T**

Additional outfit options listed below include a variety of carrying stands and tanks\*. Optional tips expand capabilities. See pages 16-19

C = Metal Carrying Stand

C-T = Metal Carrying Stand & Tanks

P = Plastic Carrying Stand

P-T = Plastic Carrying Stand & Tanks

TR = Metal Hand Truck w/Wheels

	Part#	UPC#	Welding Handle	Welding/ Brazing and Heating Tip	Acetylene Tip	Adaptor	Cutting Attachment	Cutting Tip	Oxygen Regulator	Acetylene Regulator	Carrying Stand	Tanks*
<b>Outfits</b>	KLT550-4	82210								RSMC2	w/o	w/o
	KLT550-4C	82211								RSMC2	500S	w/o
	KLT550-4C-T	82212		Type17-2	A-8 Twister® Air/Fuel Tip	F13 Air/Fuel Adaptor	CA550	5-101-0D	RSO	RSMC2	500S	MC/R
	KLT550-4P	82215	WH550	Type17-15						RSMC2	511	w/o
	KLT550-4P-T	82216								RSMC2	511	MC/R
	KLT550-5	82217								RSB2	w/o	w/o
	KLT550-5TR	82218								RSB2	504	w/o

Outfits Include: H32A [12.5] Twin Hose, WG53 Goggles, FL34 Flint Lighter, W05 Tank Key w/chain.

\*Tanks Shipped Empty

1 Oxyacetylene



Uniweld Products, Inc. Fort Lauderdale, FL 33312 U.S.A. Customer Service: 800.323.2111  
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## Premium Outfits for Welding and Brazing

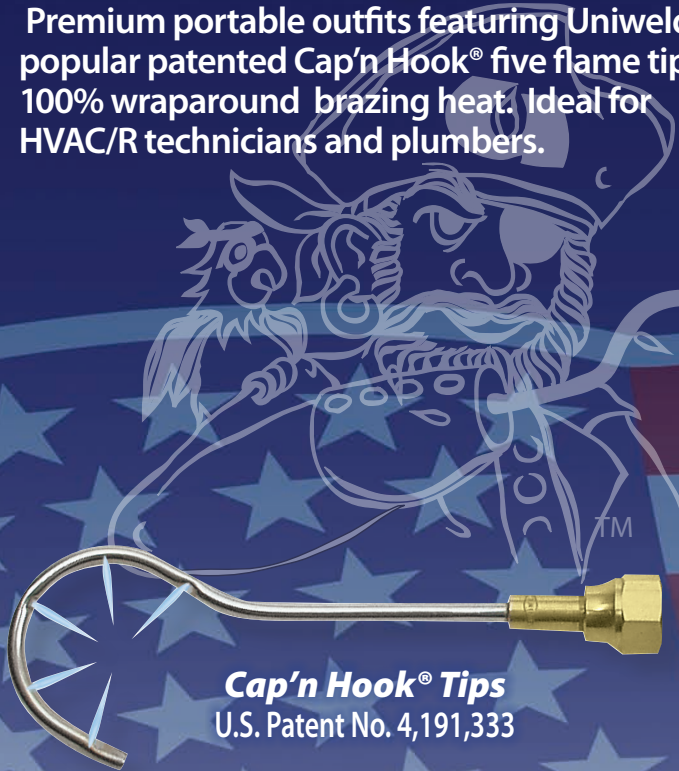


# Cap'n Hook® Outfits

**FOR U.S. JOBS**  
UNIWELD EMPLOYS OVER 300 WORKERS

Premium portable outfits featuring Uniweld's popular patented Cap'n Hook® five flame tip for 100% wraparound brazing heat. Ideal for HVAC/R technicians and plumbers.

1 Oxyacetylene



**Cap'n Hook® Tips**  
U.S. Patent No. 4,191,333

- Single stage Patriot® series regulators with protective rubber gauge boots
- Front valve welding handle with stainless steel ball point valves for accurate gas control
- Welding tip for brazing up to 1" copper tubing and welding up to 1/8" steel
- NEW & Improved Cap'n Hook® 5 flame tip for brazing up to 1" copper tubing



**K22P-T**

Additional outfit options listed below include a variety of carrying stands and tanks\*. Optional tips expand capabilities. See pages 16-19

C = Metal Carrying Stand  
C-T = Metal Carrying Stand & Tanks  
P = Plastic Carrying Stand  
P-T = Plastic Carrying Stand & Tanks

	Part#	UPC#	Welding Handle	Welding/Brazing Tip	Oxygen Regulator	Acetylene Regulator	Carrying Stand	Tanks*
Cap'n Hook® Outfits	K22	82339					w/o	w/o
	K22C	82340		Type17-2			500S	w/o
	K22C-T	82341	71	MTF-5	RO	RMC2	500S	MC/R
	K22P	82344		Cap'n Hook® Tip			511	w/o
	K22P-T	82345					511	MC/R

Outfits Include: H32A [12.5 ft.] Twin Hose, WG53 Goggles, FL34 Flint Lighter, W05 Tank Key w/chain.

\*Tanks Shipped Empty



Premium Outfits for Cutting, Welding and Brazing

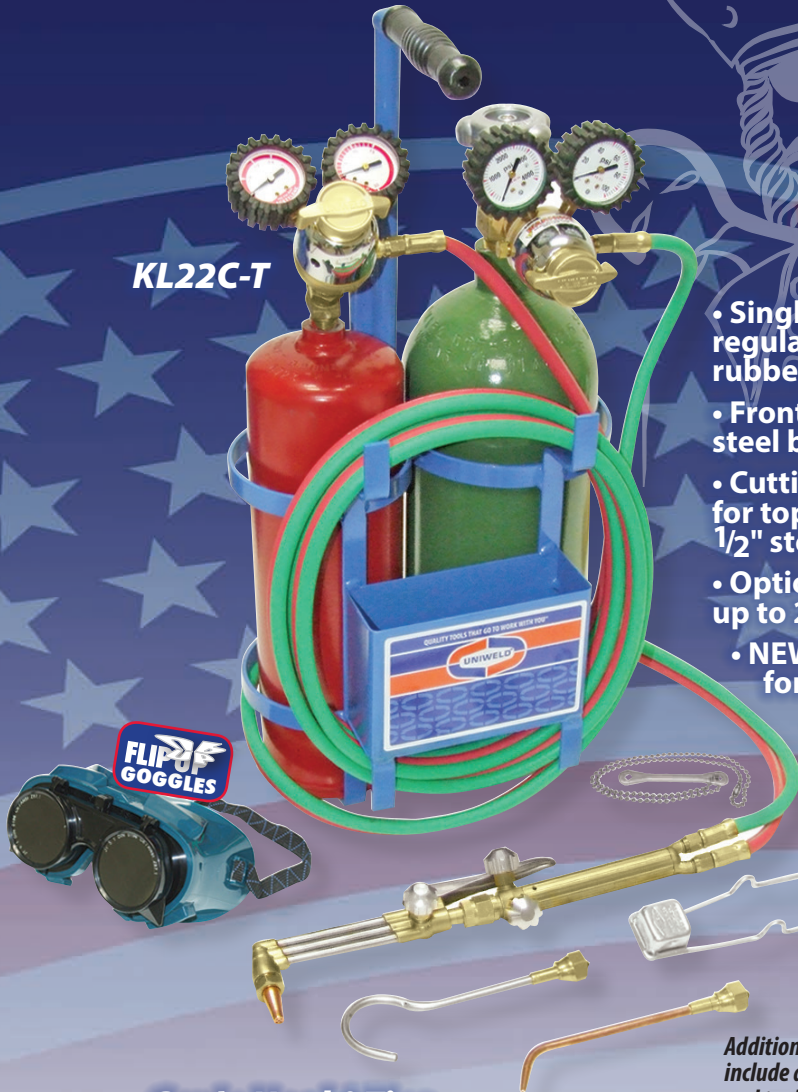
# Cap'n Hook® Outfits

**FOR U.S. JOBS**  
UNIWELD EMPLOYS OVER 300 WORKERS

A cutting attachment and cutting tip have been added to the Cap'n Hook® outfit on page 6. You now have the added ability of cutting up to 1/2" steel with the supplied tip. The Cap'n Hook® five flame tip provides a stable, wraparound flame.

1 Oxyacetylene

KL22C-T



KL22

- Single stage Patriot® series regulators with protective rubber gauge boots
- Front valve welding handle with stainless steel ball point valves for accurate gas control
- Cutting attachment with three tube tip mix for top performance and safety that cuts up to 1/2" steel with supplied tip
- Optional cutting tips available for cutting up to 2" steel
- NEW & Improved Cap'n Hook® 5 flame tip for brazing up to 1" copper tubing
- Welding tip for brazing up to 1" copper tubing and welding up to 1/8" steel



**Cap'n Hook® Tips**  
U.S. Patent No. 4,191,333

Additional outfit options listed below include a variety of carrying stands and tanks\*. Optional tips expand capabilities. See pages 16-19

C = Metal Carrying Stand  
C-T = Metal Carrying Stand & Tanks  
P = Plastic Carrying Stand  
P-T = Plastic Carrying Stand & Tanks

	Part#	UPC#	Welding Handle	Welding Brazing Tip	Cutting Attachment	Cutting Tip	Oxygen Regulator	Acetylene Regulator	Carrying Stand	Tanks*
Cap'n Hook® Outfits	KL22	82500							w/o	w/o
	KL22C	82501		Type17-2					500S	w/o
	KL22C-T	82502	71	MTF-5	CA100	CT100-0D	R0	RMC2	500S	MC/R
	KL22P	82505		Cap'n Hook® Tip					511	w/o
	KL22P-T	82506							511	MC/R

Outfits Include: H32A [12.5 ft.] Twin Hose, WG53 Goggles, FL34 Flint Lighter, W05 Tank Key w/chain.

\*Tanks Shipped Empty



Uniweild Products, Inc. Fort Lauderdale, FL 33312 U.S.A. Customer Service: 800.323.2111  
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Tech favorite for Welding, Brazing and Cutting



# Patriot® Outfits

**FOR U.S. JOBS**  
UNIWELD EMPLOYS OVER 300 WORKERS

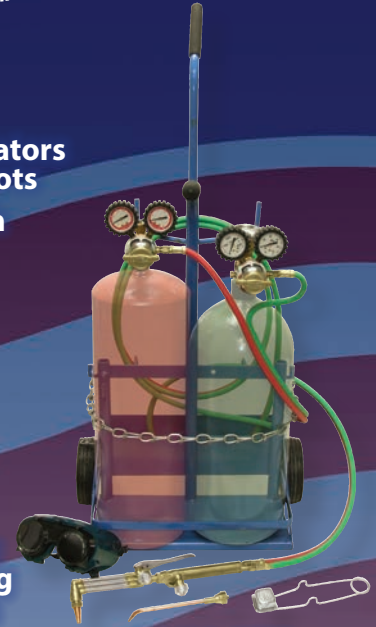
A favorite choice of Refrigeration and HVAC/R Service Technicians. Three different size welding tips come complete with elbow mixer and nut.

1 Oxyacetylene

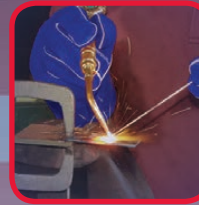


**KL71-4C-T**

- Single stage Patriot® series regulators with protective rubber gauge boots
- Front valve welding handle with stainless steel ball point valves for accurate gas control
- Three tube tip mix cutting attachment for top performance and safety; cuts up to 1/2" steel with supplied cutting tip
- Optional cutting tips available for cutting up to 2" steel
- Three welding tips for brazing from 3/16" to 1" copper tubing and welding up to 1/8" steel



**KL71-5TR**



C = Metal Carrying Stand  
C-T = Metal Carrying Stand & Tanks

P = Plastic Carrying Stand  
P-T = Plastic Carrying Stand & Tanks



When brazing smaller copper tubing, use the proper size tip. Cutting back on the fuel and oxygen when using an oversized tip will starve the tip and may result in backfire or flashback.

Additional outfit options listed below include a variety of carrying stands and tanks\*. Optional tips expand capabilities. See pages 16-19

	Part#	UPC#	Welding Handle	Welding/Brazing Tip	Cutting Attachment	Cutting Tip	Oxygen Regulator	Acetylene Regulator	Carrying Stand	Tanks*
Patriot® Outfits	KL71-4	82319						RMC2	w/o	w/o
	KL71-4C	82320						RMC2	500S	w/o
	KL71-4C-T	82321		Type17-0				RMC2	500S	MC/R
	KL71-4P	82324	71	Type17-1	CA100	CT100-0D	RO	RMC2	511	w/o
	KL71-4P-T	82325		Type17-2				RMC2	511	MC/R
	KL71-5	82326						RB2	w/o	w/o
	KL71-5TR	82336						RB2	504	w/o

Outfits Include: H32A [12.5 ft.] Twin Hose, WG53 Goggles, FL34 Flint Lighter, W05 Tank Key w/chain.

\*Tanks Shipped

Maintenance Service Tech's #1 Choice

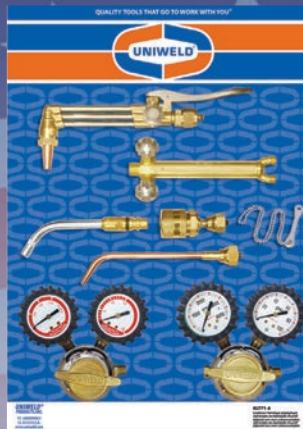


# Patriot® Outfits

**FOR U.S. JOBS**  
UNIWELD EMPLOYS OVER 300 WORKERS

Solder and braze without the use of an Oxygen cylinder when using Uniweld's Acetylene Twister® tip and air/fuel adaptor ... a real Oxygen saver!  
Cuts up to 1/2" steel with supplied tip.

- Single stage Patriot® series regulators with protective rubber gauge boots
- Front valve welding handle with stainless steel ball point valves for accurate gas control
- Cutting attachment with three tube tip mix for top performance and safety. Cuts up to 1/2" steel with supplied tip
- Optional cutting tips available for cutting up to 2" steel
- Air/fuel adaptor converts welding handle to use quick connect air/fuel tips
- Welding tip for brazing up to 1" copper tubing and welding up to 1/8" steel



C = Metal Carrying Stand  
C-T = Metal Carrying Stand & Tanks  
P = Plastic Carrying Stand  
P-T = Plastic Carrying Stand & Tanks

Additional outfit options listed below include a variety of carrying stands and tanks\*. Optional tips expand capabilities. See pages 16-19

KLT71-4

KLT71-4P-T

	Part#	UPC#	Welding Handle	Welding Brazing Tip	Acetylene Tip	Adaptor	Cutting Attachment	Cutting Tip	Oxygen Regulator	Acetylene Regulator	Carrying Stand	Tanks*
Patriot® Outfits	KLT71-4	82327								RMC2	w/o	w/o
	KLT71-4C	82328								RMC2	500S	w/o
	KLT71-4C-T	82329								RMC2	500S	MC/R
	KLT71-4P	82332	71	Type 17-2	A-8 Twister® Tip	F13 Air/Fuel Adaptor	CA100	CT100-0D	RO	RMC2	511	w/o
	KLT71-4P-T	82333								RMC2	511	MC/R
	KLT71-5	82334								RB2	w/o	w/o
	KLT71-5TR	82335								RB2	504	w/o

Outfits Include: H32A [12.5 ft.] Twin Hose, WG53 Goggles, FL34 Flint Lighter, W05 Tank Key w/chain.

\*Tanks Shipped Empty



Uniweld Products, Inc. Fort Lauderdale, FL 33312 U.S.A. Customer Service: 800.323.2111  
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1 Oxyacetylene

Basic Welding/Brazing Outfit



# Patriot® Outfits

An economical, contractor grade outfit with all the basic components for brazing and for welding. Easily portable for light to medium duty jobs.

**FOR U.S. JOBS**  
UNIWELD EMPLOYS OVER 300 WORKERS



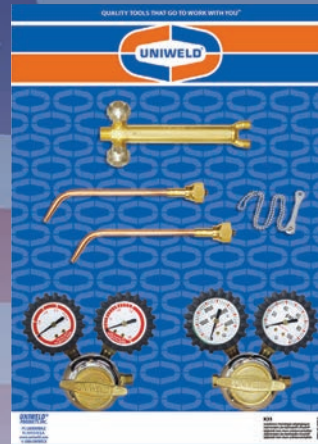
**K23C-T**



- Single stage Patriot® series regulators with protective rubber gauge boots
- Front valve welding handle with stainless steel ball point valve for accurate gas control
- Two welding tip sizes for brazing up to 1" copper tubing and for welding up to 1/8" steel



**K24TB**



**K23**

C = Metal Carrying Stand  
C-T = Metal Carrying Stand & Tanks  
P = Plastic Carrying Stand  
P-T = Plastic Carrying Stand & Tanks

Additional outfit options listed below include a variety of carrying stands and tanks\*. Optional tips expand capabilities. See pages 16-19

	Part#	UPC#	Welding Handle	Welding Brazing Tip	Oxygen Regulator	Acetylene Regulator	Carrying Stand	Tanks*
Patriot® Outfits	K23	82300				RMC2	w/o	w/o
	K23C	82301				RMC2	500S	w/o
	K23C-T	82302		Type17-0		RMC2	500S	MC/R
	K23P	82305	71	Type17-2	R0	RMC2	511	w/o
	K23P-T	82306				RMC2	511	MC/R
	K24	82307				RB2	w/o	w/o
	K24TB	82308				RB2	503	w/o

Outfits Include: H32A [12.5 ft.] Twin Hose, WG53 Goggles, FL34 Flint Lighter, W05 Tank Key w/chain. \*Tanks Shipped Empty



# Welding/Brazing + Cutting Upgrade



# Patriot® Outfits

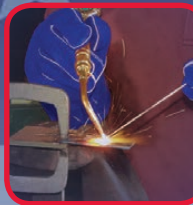
**FOR U.S. JOBS**  
UNIWELD EMPLOYS OVER 300 WORKERS

A cutting attachment and cutting tip have been added to upgrade the capabilities of the contractor outfits available for use with Acetylene Propane or MAP//Pro® [Propylene].

- Single stage Patriot® series regulators with protective rubber gauge boots
- Front valve welding handle with stainless steel ball point valves for accurate gas control
- Cutting attachment with three tube tip mix for top performance and safety. Cuts up to 1/2" steel with supplied tip
- Optional cutting tips available for cutting up to 2" steel
- Welding tip for brazing up to 1" copper tubing and welding up to 1/8" steel



**K55CM**



**K46P-T**

C = Metal Carrying Stand  
C-T = Metal Carrying Stand & Tanks  
P = Plastic Carrying Stand  
P-T = Plastic Carrying Stand & Tanks

Additional outfit options listed below include a variety of carrying stands and tanks\*. Optional tips expand capabilities. See pages 16-19

		Part#	UPC#	Welding Handle	Welding/Brazing Tip	Cutting Attachment	Cutting Tip	Oxygen Regulator	Fuel Gas Regulator	Carrying Stand	Tanks*	
Patriot® Outfits	Acetylene	K46P	82311	71	Type17-2	CA100	CT100-0D	RO	RMC2	511	w/o	
		K46P-T	82312				CT100-0D		RMC2	511	MC/R	
		K56C	82313				CT100-0D		RMC2	500S	w/o	
		K56C-T	82314				CT100-0D		RMC2	500S	MC/R	
	MAP//Pro™ [Propylene]	K45CM	82315		Type17-3	CA550	5-200M-0D†		RP3A	511	w/o	
		K55CM	82316				5-200M-0D†		RP3A	510	w/o	
		Propane	K45CP				82317		5-200-0D~	RP3A	511	w/o
			K55CP				82318		5-200-0D~	RP3A	510	w/o

Outfits Include: H32A [12.5 ft.] Twin Hose, WG53 Goggles, FL34 Flint Lighter, W05 Tank Key w/chain †MAP//Pro™ ~Propane. \*Tanks Shipped Empty.



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# Basic Welding/Brazing Outfit



# Centurion® Outfits

**FOR U.S. JOBS**  
UNIWELD EMPLOYS OVER 300 WORKERS

An economical, contractor grade outfit with all the basic components for brazing and for welding. Easily portable for light to medium duty jobs.

1 Oxyacetylene



- Single stage Centurion® series regulators with rubber protective gauge boots
- Front valve welding handle with stainless steel ball point valve for accurate gas control
- Two welding tip sizes for brazing up to 1" copper tubing and for welding up to 1/8" steel
- Optional welding/brazing tips expand capabilities. See pages 16-19



**KC100CT**



**KC100FC**

C = Metal Carrying Stand  
C-T = Metal Carrying Stand & Tanks  
P = Plastic Carrying Stand  
P-T = Plastic Carrying Stand & Tanks

Additional outfit options listed below include a variety of carrying stands and tanks\*.

	Part#	UPC#	Welding Handle	Welding/Brazing Tip	Cap'n Hook® Tip	Micro 6000™ Specialty Tips	Oxygen Regulator	Acetylene Regulator	Carrying Stand	Tanks*
Centurion® Outfits	KC100	82607	71	Type17-0 Type17-2			R0100	RMC100	w/o	w/o
	KC100C	82601							500S	w/o
	KC100CT	82602							500S	MC/R
	KC100P	82603		511					w/o	
	KC100PT	82604		511					MC/R	
	KC122P	82621		511					w/o	
	KC122L	82620		w/o					w/o	
	KC100FC†	82609		Type17-3					R0100	RP3A

Outfits Include: H32A [12.5 ft.] Twin Hose, WG53 Goggles, FL34 Flint Lighter, W05 Tank Key w/chain. \*Tanks Shipped Empty  
† KC100FC - Outfit Includes: H32AT [12.5 ft.] 3/16" Grade "T" Twin Hose, WG53 Goggles, FL34 Flint Lighter





# Welding/Brazing + Cutting Upgrade

# Centurion® Outfits

**FOR U.S. JOBS**  
UNIWELD EMPLOYS OVER 300 WORKERS

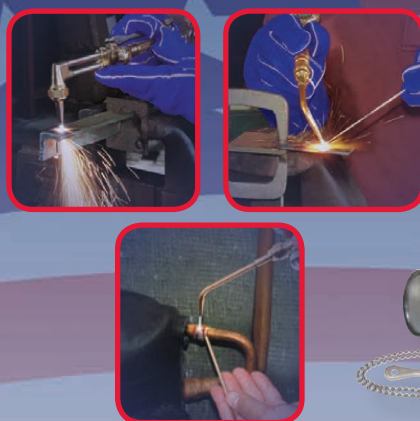
A cutting attachment and cutting tip have been added to upgrade the economical Centurion® contractor grade outfit. Portable, lightweight and suitable for light to medium duty cutting, welding and brazing jobs.

- Single stage Centurion® series regulators with protective rubber gauge boots
- Front valve welding handle with stainless steel ball point valves for accurate gas control
- Cutting attachment with three tube tip mix for top performance and safety. Cuts up to 1/2" steel with supplied tip
- Optional cutting tips available for cutting up to 2" steel
- Welding tip for brazing up to 1" copper tubing and welding (with Acetylene) up to 1/8" steel
- Optional welding/brazing tips expand capabilities. See pages 16-19

**1 Oxyacetylene**



**KLC100**



**KLC100PT**

C = Metal Carrying Stand  
C-T = Metal Carrying Stand & Tanks  
P = Plastic Carrying Stand  
P-T = Plastic Carrying Stand & Tanks

Additional outfit options listed below include a variety of carrying stands and tanks\*. Optional tips expand capabilities. See pages 16-19

	Part#	UPC#	Welding Handle	Welding Brazing Tip	Cutting Attachment	Cutting Tip	Oxygen Regulator	Acetylene Regulator	Carrying Stand	Tanks*
<b>Centurion® Outfits</b>	KLC100	82700							w/o	w/o
	KLC100C	82701		Type17-0					500S	w/o
	KLC100CT	82702	71	Type17-2	CA100	CT100-0D	R0100	RMC100	500S	MC/R
	KLC100P	82703							511	w/o
	KLC100PT	82704							511	MC/R

Outfits Include: H32A [12.5 ft.] Twin Hose, WG53 Goggles, FL34 Flint Lighter, W05 Tank Key w/chain.

\*Tanks Shipped Empty



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# Oxyacetylene Welding & Cutting



# Handles/Attachments

**FOR U.S. JOBS**  
UNIWELD EMPLOYS OVER 300 WORKERS

1 Oxyacetylene

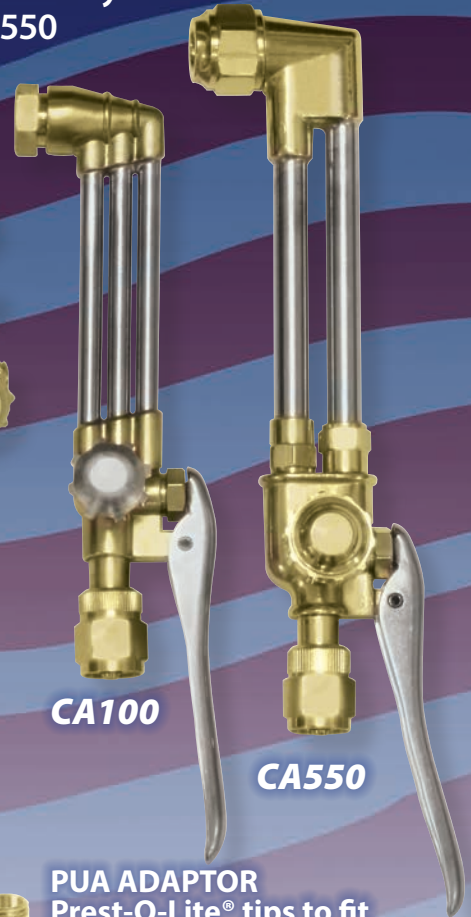
Uniweld's V-style CA550 cutting attachment is designed so that the oxygen and fuel gas mix in the bottom tube and flow to the tip along with the cutting oxygen flowing to the tip in the top tube. The CA100 A-style cutting attachment is designed so that the oxygen and fuel gas mix in the cutting tip for top performance and operator safety. Both style cutting attachments fit either the Uniweld 71 or WH550 welding handle. The 71 handle utilizes a front valve design while the WH550 handle features accurate rear valve gas and oxygen controls.



WH550



71



CA100

CA550

F11



**F11 ADAPTOR**  
Adaptor converts the 71 and WH550 welding handles to use screw connect air/fuel tips for brazing and soldering without the use of an Oxygen cylinder.



F13



**F13 ADAPTOR**  
Adaptor converts the 71 and WH550 welding handles to use quick connect air/fuel tips for brazing and soldering without the use of an Oxygen cylinder.



PUA

**PUA ADAPTOR**  
Prest-O-Lite® tips to fit Uniweld welding handle.



UPA

**UPA ADAPTOR**  
Uniweld tips to fit Prest-O-Lite® welding handle.

	Part#	UPC#	Head Angle	Head Type	Length	Weight	"A" Hose Connection
Cutting Attachments	CA550*	02600	90°	Forged	8"	15 oz.	-
	CA100	02700			7"	10.8 oz.	-
Welding Handles	71*	00300	-	-	6"	6.4 oz.	3/8"-24RH, Oxygen 3/8"-24LH, Fuel Gas
	WH550*	00550	-	-	8.5"	12.6 oz.	

\* UL Listed



# It Pays to Pay Attention in the Work Place

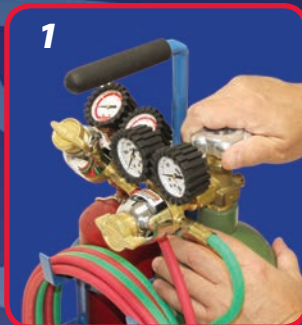


# Play it Safe®

Always use the proper size tip for the job. Never use an oversized tip and then cut the fuel and oxygen back to work on a small job. This will starve the tip of oxygen and acetylene, resulting in improper operating pressure that may cause tip damage, overheating, backfire and flashback.

The following is a good example of proper procedure for lighting an oxyacetylene tip. This operating procedure is not a substitute for carefully reading the manufacturer's operating instructions before use.

**[STEP 1]** Prior to opening the cylinder valve, make sure the regulator pressure adjusting screw is backed all the way out by turning it counterclockwise until there is no pressure on the spring. When opening [or closing] the cylinder valve, always stand to the side of the cylinder with the regulator facing forward. The oxygen cylinder valve should be "cracked" open slowly until the cylinder contents gauge stops moving. Then, open the valve sufficiently to provide adequate flow. The fuel gas [acetylene] cylinder valve should be opened a maximum of 3/4 turn and a wrench should remain in position on the stem of the valve while the cylinder is in use so that the valve can be quickly turned off in case of an emergency.



**[STEP 2]** After the proper tip has been selected and installed, the proper operating pressure needs to be determined from the manufacturer's tip chart. Set each regulator's corresponding pressure by adjusting the pressure adjusting screw. Purge hoses and equipment by briefly opening and closing the oxygen valve and fuel gas valve separately and venting gases safely. Purge hoses and equipment before each use.



**[STEP 3]** To light the tip, **open the fuel gas [acetylene] valve first about 1/2 turn** and quickly ignite with a spark lighter. Adjust the flame so that it is not separated from the tip end. The flame should be bright yellow with no black soot [3A]. If necessary, increase the fuel to clear the black soot.



Next, open the oxygen and adjust the flow until the white feathers disappear into a well-defined bullet nose cone called the neutral flame [3B].



**[STEP 4]** When you have completed the job and are ready to shut off the torch, **always shut the oxygen valve first and then the fuel gas valve [acetylene]**. **NOTE:** Shutting off the fuel gas first can cause backfire and/or flashback.



**[STEP 5]** To shut down the torch for storage or transportation, close the cylinder valves. Release the oxygen pressure by opening the oxygen torch valve [vent safely]. Close the torch valve and repeat this same process for the fuel gas [vent safely]. Close all valves tightly and secure the equipment. **Now the shutdown is complete!**

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Brazing, Welding & Cutting

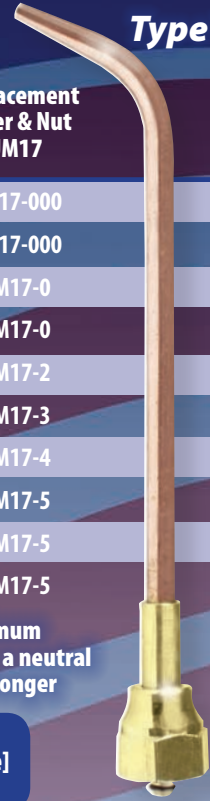


# Tips, Tips, Tips...

**FOR U.S. JOBS**  
UNIWELD EMPLOYS OVER 300 WORKERS

The popular Type17 tips come complete with elbow, mixer and nut. Use with Acetylene, Propane, MAP//Pro™ [Propylene] and Natural Gas.

Type17-2



Part#	UPC#	Acetylene Consumption SCFH	Fuel Pressure PSIG	Oxygen Pressure PSIG	Welding Metal Thickness	Brazing Copper Tubing	Replacement Elbow	Replacement Mixer & Nut UM17
Type17-000	30250	1-2	5	5	1/32"	1/8"	Type17E-000	UM17-000
Type17-00	30251	2-3	5	5	3/64"	1/4"	Type17E-00	UM17-000
Type17-0	30252	2-4	5	5	5/64"	1/2"	Type17E-0	UM17-0
Type17-1	30253	3-6	5	5	3/32"	3/4"	Type17E-1	UM17-0
Type17-2	30254	5-10	5	5	1/8"	1"	Type17E-2	UM17-2
Type17-3	30255	8-18	6	7	3/16"	1 1/2"	Type17E-3	UM17-3
Type17-4	30256	10-25	7	10	1/4"	2"	Type17E-4	UM17-4
Type17-5	30257	15-35	8	12	1/4" to 1/2"	3"	Type17E-5	UM17-5
Type17-6	30258	25-45	9	14	1/2" to 3/4"	4"	Type17E-6	UM17-5
Type17-7	30259	30-60	10	16	3/4" to 1 1/4"	6"	Type17E-7	UM17-5

**Type17 Weld/Braze Tips**  
Type17 tips have O-Ring seals, [X26R & X25R] so tighten the tip nut firmly hand tight. **DO NOT OVER-TIGHTEN**



X25R Small O-Ring

X26R Large O-Ring

Part# TXRK Kit includes: (5) X25R & (5) X26R

\*NOTE: When acetylene weld/braze tips are used with fuel gases, use one size larger tip and maximum pressures to obtain proper heat. The chart indicates approximate torch oxygen consumption with a neutral flame ratio for various gases: Pressures are approximate for hose length up to 25 ft.; increase for longer lengths about 3 psig per 25 ft. - increase working pressure 2-3 psig for check valves and flashback arrestors. Acetylene delivery pressure should not exceed 15 psig under flow conditions.

1.1 Oxygen to 1 Acetylene  
3.5 Oxygen to 1 MAP//Pro™ [Propylene]  
4 Oxygen to 1 Propane / Natural gas

**Cutting Tips**  
This is a metal to metal seating, so be sure to tighten the tip nut wrench tight

Part#	UPC#	Cutting SCFH	Oxygen PSIG	Fuel PSIG	Cutting Tip Guide	Description
5-101-00D	34505	30-35	20-25	5	1/4"	Acetylene 6 preheats for General Purpose Cutting
5-101-0D	34506	40-60	20-30	5	1/2"	
5-101-1D	34507	80-85	30-35	5	3/4" to 1"	
5-101-2D	34508	140-180	35-40	7	1" to 2"	Propane 8 preheats for General Purpose Cutting
5-200-0D	34530	40-60	20-30	5	1/2"	
5-200-1D	34531	80-85	30-35	5	3/4" to 1"	
5-200-2D	34532	140-180	35-40	7	1" to 2"	MAP//Pro™ [Propylene] 8 preheats for General Purpose Cutting
5-200M-0D	34555	40-60	20-30	5	1/2"	
5-200M-1D	34556	80-85	30-35	5	3/4" to 1"	
5-200M-2D	34557	140-180	35-40	7	1" to 2"	Acetylene General Purpose Cutting
CT100-00D	38010	30-35	20-25	5	1/4"	
CT100-0D	38011	40-60	20-25	5	1/2"	
CT100-1D	38012	80-85	30-35	5	3/4" to 1"	
CT100-2D	38013	140-180	35-40	7	1" to 2"	



5-101 Series

5-200 Series



CT100 Series

5-101 & 5-200 Tips fit CA550 Cutting Attachment. CT100 Tips fit CA100 Cutting Attachment.

