

Tech favorite for Welding, Brazing and Cutting



Patriot® Outfits

FOR U.S. JOBS
UNIWELD EMPLOYS OVER 300 WORKERS

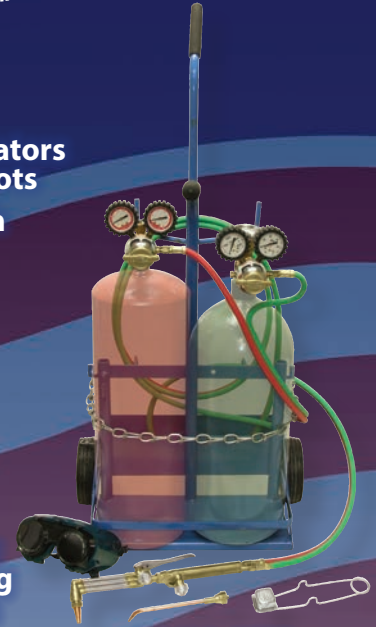
A favorite choice of Refrigeration and HVAC/R Service Technicians. Three different size welding tips come complete with elbow mixer and nut.

1 Oxyacetylene

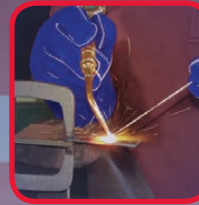


KL71-4C-T

- 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



KLT71-4



FLIP GOGGLES

KLT71-4P-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	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



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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



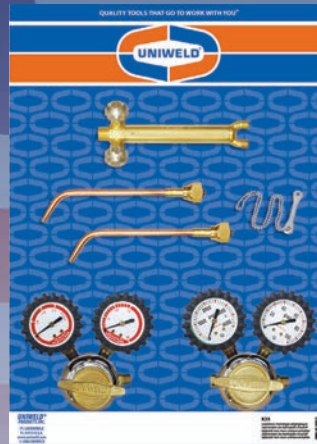
K23C-T



- 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

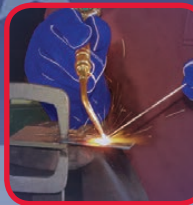
FOR U.S. JOBS
UNIWELD EMPLOYS OVER 300 WORKERS

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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"Patriot" Series Regulators

FOR U.S. JOBS
UNIWELED EMPLOYS OVER 300 WORKERS

Patriot Series Regulators feature protective rubber gauge boots, rear inlet service and various CGA cylinder connections. Specially compounded diaphragm and seat material provide accuracy and reliability. Listed.

4 Parts & Accessories

	Part#	UPC#	CGA Inlet	Outlet Connection	1 1/2" Delivery/Contents	Delivery PSI
Oxygen	RO	12000	540	"A" RH	[G49D] 100/4000 [G56D]	2-60
	ROB	12001	540	"B" RH	[G49D] 100/4000 [G56D]	2-60
Acetylene	RMC	12006	200	"A" LH	Contents [G19D]	2-15
	RMC2	12007	200	"A" LH	[G15D] 30/Contents [G19D]	2-15
	RB	12010	520	"A" LH	Contents [G19D]	2-15
	RB2	12011	520	"A" LH	[G15D] 30/Contents [G19D]	2-15
LP Fuel Gas	RLP	12014	510	"A" LH	60 Delivery [G83D]	2-40
	RLPB	12015	510	"B" LH	60 Delivery [G83D]	2-40



RMC2

GAUGES WITH PROTECTIVE RUBBER BOOTS

FV600 Oxy/Fuel Adapter

Fuel Valve Adapter to connect a Uniweld Acetylene MC Regulator (CGA200) to a disposable fuel cylinder (CGA600). All Uniweld Acetylene regulator diaphragms and seals are compatible for use with either Propylene (MAP//Pro™) or Propane

fuel gas. **WARNING!**: Fuel compatibility with other manufacturer's Acetylene regulators must be determined prior to use. If not compatible, another option would be to replace the Acetylene regulator with an RP3A regulator.



FV600

The Uniweld 71 welding handle & Type17 Weld/Braze tips will work properly using either of the fuel gases combined with Oxygen. The CA550 cutting attachment will also work with either fuel gas. However, the cutting tip is fuel specific and must be changed (see page 16). Also, the Cap'n Hook® tips are fuel specific. (see page 19). It is recommended to use grade "T" hose (H32AT) with Propylene (MAP//Pro™) or Propane fuel gas. If using grade "R" hose (H32A) with Propylene (MAP//Pro™) or Propane fuel gas, it must never be used in extremely cold temperatures below -10 °F. This may cause the fuel gas to liquefy and act as a solvent that will attack the internal hose material. Always bleed off the remaining fuel gas in the hose after each use.

There will be a noticeable performance and temperature difference when using Propylene (MAP//Pro™) versus Acetylene and an increase in oxygen consumption.

Fuel	Temp °F	Ratio Oxy/Fuel
Acetylene	5589 °F	1-1
MAP//Pro™	5193 °F	3.5-1
Propane	4579 °F	4-1

It is highly recommended to use a Type17-3 or larger tip for brazing 3/8" and 7/8" copper line sets.

