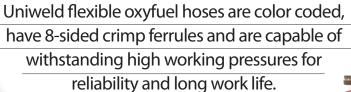
UNIWELD

HLP14B

Hoses "A", "B" & "AB" Connections





H32A





Hose Spring [Part# SHLP] may be added to acetylene or LP gas hoses by adding an [S] for one spring or [SS] for two springs [one at each end] to the hose Part#. Example: H12S, H12SS/HLP14BS, HLP14BSS

Oxyacety Part#	lene Twin Ho UPC#	se ³ / ₁₆ " I.D., Ma Length	x. W.P. 200 psi Connection
H32A	43510	12.5 ft.	"A"
H32B	43512	12.5 ft.	"B"
H32AB	43511	12.5 ft.	"AB*"
H33A	43513	25 ft.	"A"
H33B	43515	25 ft.	"B"
НЗЗАВ	43514	25 ft.	"AB*"
H34A	43516	50 ft.	"A"
H34B	43517	50 ft.	"B"

*"AB" - "A" fitted one end, "B" fitted opposite end

Part#	gle ^{3/} 16" I.D., Ma UPC#	Length	Connection
HLP10	43530	3 ft.	"A"
HLP10B	43531	3 ft.	"B"
HLP11	43533	6 ft.	"A"
HLP11B	43534	6 ft.	"B"
HLP13	43537	25 ft.	"A"
HLP13B	43538	25 ft.	"B"
HLP14	43541	12.5 ft.	"A"
HLP14B	43542	12.5 ft.	"B"

Acetylen Part#	e Single Hose UPC#	³ / ₁₆ " I.D., Max Length	. W.P. 200 psi Connection
H11	43500	6 ft.	"A"
H11B	43501	6 ft.	"B"
H12	43502	12.5 ft.	"A"
H12B	43503	12.5 ft.	"B"
H13	43504	25 ft.	"A"
H13B	43505	25 ft.	"B"

Oxy/LP Gas Part#	Grade "T" Twin UPC#	Hose ³/ ₁₆ " I.D., I Length	Max. W.P. 200 psi Connection
H32AT	43560	12.5 ft.	"A"
H32BT	43561	12.5 ft.	"B"
H32ABT	43562	12.5 ft.	"AB*"

*"AB" - "A" fitted one end, "B" fitted opposite end

H32A1

Reference Information:

 ${}^{\prime\prime}A'' = {}^{3}\!/{}_{8}{}^{\prime\prime} - 24$ ${}^{\prime\prime}B'' = {}^{9}\!/{}_{16}{}^{\prime\prime} - 18$







UNIWELD

RMC2

Regulators PROTECTIVE

"Patriot" Series RUBBER

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. (L) listed.

	Part#	UPC#	CGA Inlet	Outlet Connection	1½" Delivery/Contents	Delivery PSI
Oxygen	RO	12000	540	"A" RH	[G49D] 100/4000 [G56D]	2-60
J., 34	ROB	12001	540	"B" RH	[G49D] 100/4000 [G56D]	2-60
	RMC	12006	200	"A" LH	Contents [G19D]	2-15
Acetylene	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
ID Fuel Con	RLP	12014	510	"A" LH	60 Delivery [G83D]	2-40
LP Fuel Gas	RLPB	12015	510	"B" LH	60 Delivery [G83D]	2-40

FV600 Oxy/Fuel Adapter Fuel valve adapter to connect a Uniweld Acetylene

MC Regulator (CGA200) to a disposable fuel cylinder (CGA 600). 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 a RP3A regulator.

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 MAP//Pro™	5589°F 5193°F	1-1 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.





Regulators



Mastar® & Centurion® Series





The economical, lightweight Centurion® Series regulators feature rugged brass bodies, 11/2" gauges and protective rubber gauge boots. (L) listed.

Uniweld's top of the line, single stage Mastar® Series regulators are equipped with two 11/2" gauges, a 3" pressure adjusting "T" handle and protective rubber gauge boots. (4) listed.

\		Part#	UPC#	CGA Inlet	Outlet Connection	Delivery 1½" Gauges/Contents	Delivery PSI
Centurion®	Oxygen	R0100	14100	540	"A" RH	[G49D] 100/4000 [G56D]	2-60
Centurion	Acetylene	RMC100	14102	200	"A" LH	[G15D] 30/Contents [G19D]	2-15
		RS0	12100	540	"A" LH	[G49D] 100/4000 [G56D]	2-60
	Oxygen	RSOB	12101	540	"B" LH	[G49D] 100/4000 [G56D]	2-60
		12106	12106	540	"A" RH	[psi/kg] [G85-1D] 100/4000 [G82-1D]	2-60
		RSMC2	12102	200	"A" LH	[G15D] 30/Contents [G19D]	2-15
Mastar®		RSMC2B	12103	200	"B" LH	[G15D] 30/Contents [G19D]	2-15
		RSB2	12104	520	"A" LH	[G15D] 30/ Contents [G19D]	2-15
	Acetylene	RSB2B	12105	520	"B" LH	[G15D] 30/Contents [G19D]	2-15
		12107	12107	520	"A" LH	[psi/kg] [G79-1D] 30/400 [G73-1D]	2-15
_	_						

All regulators with "A" [3/8]" - 24] outlet fittings are available with "B" [9/16]" - 18] outlet fittings. To order, add "B" to the Part Number. Pressure relief devices are not designed to protect downstream equipment.

Replacement Gauges



1½" Gauges [½" NPT] with Protective Rubber Boots			
0xygen	Acetylene		
G49D 100 psi, Steel Case	G15D 30 psi, Steel Case, Red Line 15-30 psi		
G56D 4000 psi, Steel Case	G19D 1/4, 1/2, 3/4, Full [Contents] Steel Case, [400 psi Max]		
GR15S Protective Rubber Root for all 11/2" Gauges [Pkg. of 2]			

Gauge Part Numbers without D are individually boxed. Gauge Part Numbers with D denote hanging display packaging [D=pkg]. For complete replacement welding gauge information, refer to page 99.





Acetyle "B" Tank



Cylinder CGA Valve Connections

	Part#	Description		CGA200	VALVE	NIPPLE	NU
"MC"	MC24	Nut	ACETYLENE	.625" - 20 NGO-R.H.	Trom	Mariana.	///zz
Tank	MC52	Nipple	ACLITEINE	7/ ₁₆ " - 20 UNF, 11/ ₈ " Long [R]			
			ı. ft. cylinder only	716 - 20 ONT, 178 LONG [N]		——————————————————————————————————————	
-		• •	a. rc. cynniaer onry	654200			
		Description		CGA300	[777]		
"CA"	8159-4	Nut	ACETYLENE	.830" - 14 NGO-R.H.	1//	/	
Tank	11A05	Nipple	ACLITEINE	7/ ₁₆ " - 20 UNF, 15/ ₁₆ " Long [R]			
	8112-3	Nipple	PUT HD	¹ / ₄ " - 18 NPT, 1 ⁵ / ₁₆ " Long [RUH]			‴
_	Used on: K,	RUH, RHG, RHT	, KV I, MK				
		Description		CGA320	[77]		
	8159-3	Nut	CARBON DIOXIDE	.830" - 14 NGO-R.H.		9 🖭	,,,,
	8312	Nipple	CANDON DIONIDE	1/ ₄ " -18 NPT, 2" Long			
	X09R	0-Ring	T DV DVT DVFC D4200 (CO.)	[Do not use with Gasket]		° Ц	
	Use "O-Ring	X09R only for	T, RV, RVT, RHFG, R1300 [CO2] 8312 Nipple, Not Gasket"				
	Part# [Description		CGA346			E
	8959	Nut	AIR	.830" - 14 NGO-R.H.			
	1805	Nipple	, All	½" -18 NPT, 2½" Long			mmn }-
	Used on: RV,	, RVT, RHT, RUI	l, R1800 Regulators				
	Part# [Description		CGA350			ļ
	8859	Nut	HYDROGEN	.830" - 14 NGO-L.H.			
	8812-2	Nipple		½" -18 NPT, 2½" Long			
_	Used on: RU	H, RV, RVT, RH	T Regulators		_		
	Part#	Description		CGA510			
	8159-2	Nut	ACETYLENE	.880" - 14 NGO-L.H.			
"POL"	1205	Nipple	ACETTLENE	⁷ / ₁₆ " - 20 UNF 2 ³ / ₁₆ " Long [R]		<u>Aurini</u>	~~~ [^m
Tank	1205-2	Nipple	FUEL GAS	1/4" - 18 NPT, 2 ¹³ / ₃₂ " Long [MR]			
	8112-2	Nipple	I OLL GAS	¹ / ₄ " - 18 NPT, 3 ³ / ₁₆ " Long [RV, RUH]] ~	
		RUH, RHT, RHG	, RV, RVT, MR [Canada only] on request				
		Description	cundud omy on request	CGA520			
"B"	B10	Nut		.899" - 18 NGO-R.H.			
Tank	B51	Nipple	ACETYLENE	7/ ₁₆ " - 20 UNF 11/ ₄ " Long [R]			777
	RU12-2	Nipple	MET I EENE	1/ ₄ " - 18 NPT, 2 ³ / ₈ " Long [MR, RUH]			
	Used on: RB	, RUH, MR, R R -75 cu. ft. only		74 - 10 Mi 1, 278 LUNY [MIN, NUT]			
		-75 cu. rc. only Description		CGA540			
	8059-2	Nut		.908" - 14 NGO-R.H.			
	1005-3*	Nipple	OXYGEN	7/ ₁₆ " - 20 UNF 1 ¹⁹ / ₃₂ " Long [R]	12		
A.	8012-2	Nipple	ONLY	1/ ₄ " - 18 NPT, 2" Long [RV]			
	RU12	Nipple		1/ ₄ " - 18 NPT, 29/ ₁₆ Long [RUH]			mm
		R, RHG, RHT, RV	,RVT, RUH Regulators; For Ox				
		Description		CGA580			
	8759	Nut	Appan	.960" - 14 NGO-R.H.	7/7		
ylene	1205	Nipple	ARGON	7/ ₁₆ " - 20 UNF 2 ³ / ₁₆ " Long [R]			777-7/
C"	1205-2	Nipple	HELIUM	1/ ₄ " - 18 NPT, 2 ¹³ / ₃₂ " Long [CEF]			
nk	8112-2	Nipple	NITROGEN	1/ ₄ " - 18 NPT, 3 ³ / ₁₆ Long [RHF, RHFG]			
			F, CEF, RHT, RHFG, R1500 [Ni], I			10.0	W. d
			CGA590 [LH], CGA555 [LH] on R		Source: Comp	ressed Gas Assoc.,Std	. V-1, 1994



Adaptors Cylinder to Regulator



Part# F41 UPC# 43314 CGA200 " MC" to CGA520 "B"



Part# F34 UPC# 43310 CGA200 "MC" 90° to CGA520 "B"



Part# F25 UPC# 43305 CGA200 " MC" 90° to CGA510 "POL"



Part# F10X UPC# 43300 CGA580 to CGA540



Part# F38 UPC# 43313 CGA300 " CA" to CGA200 "MC"



Part# F35 UPC# 43311 CGA300 " CA" to CGA520 "B"



Part# F28 UPC# 43306 CGA300 "CA" to CGA510 "POL"

Part# F37 UPC# 43312 CGA510 "POL" to CGA200 "MC"



Part# F32 UPC# 43308 CGA510 " POL" to CGA520 "B"





Part# F24X UPC# 43304 CGA510 " POL" to CGA300 "<u>CA"</u>

Part# F31 UPC# 43307 CGA520 "B" to CGA200 "MC"



Part# F33 UPC# 43309 CGA520 "B" 90° to CGA510 "POL"



Part# F22X UPC# 43303 CGA540 to CGA580



Part# F60 UPC# 43316 CGA410 Fitting to CGA510 "POL"

Part# F61X UPC# 43317 CGA520 "B" to CGA300 "CA"







Part# F36 UPC# 43319 CGA320 "CO2" to CGA580



 BRASS HOSE CLAMPS

 Part#
 UPC#
 HOSE I.D.

 HC01
 43376
 3/16"

 HC02
 43377
 1/4"

HOSE NIPPLE

HOSE IVI	FFLE		
Part#	UPC#	Nipple Size to	Hose Nut
HN83P	43370	³ /16"	"A"
HN87	43371	³ /16"	"B"
HN84	43372	1/4"	"B"



HOSE NUT



Part#	UPC#	Hose Nut	to Nipple Size
HN82A	43348	"A" RH	³ /16"
HN83A	43349	"A" LH	³ /16"
9059	43350	"B" RH	¹ / ₄ " or ³ / ₁₆ "
9059-2	43351	"B" LH	¹ / ₄ " or ³ / ₁₆ "



HOSE SPLICE [Push Type]
Part# UPC# Hose to Ho

HOSE SI EICE [I doi! Type]					
Part#	UPC#	Hose to Hose			
HS53	43373	1/4" to 1/4"			
HS54	43374	³ / ₁₆ " to ¹ / ₄ "			
HS55	43375	³ / ₁₆ " to ³ / ₁₆ "			

"A" Size "Y"

Outlet Adaptor
Part# UPC# Inlet to Outlet
FY11XA 43332 "A" LH "A" Hose Nut LH
FY10XA 43331 "A" RH "A" Hose Nut RH

"Y" Connectors w/Valves

Part#	UPC#	Inlet	to	Outlet
FY10XAV	43334	"A" RH	"A"	Hose Nut RH
FY11XAV	43335	"A" LH	"A"	Hose Nut LH
FY10XV	43336	"B" RH	"B"	Hose Nut RH
FY11XV	43337	"B" LH	"B"	Hose Nut LH

"B" Size "Y" Connectors

Part#	UPC#	Inlet	to	Outlet	
FY11X	43330	"B" LH	"B"	Hose Nut LH	
FY10X	43329	"R" RH	"R"	Hose Nut RH	

Adaptors & Connectors

"A" to "B" Welding Handle Adaptor

Part#	UPC#	Handle to Hose
F29L	43322	"A" Conn LH"B" Hose Nut LH
F29R	43324	"A" Conn RH "B" Hose Nut RH

Hose Coupling

Part#	UPC#	Hose Nut to	Hose Nut	
HCC40	43342	"A" LH	"A" LH	_
HCC46	43343	"A" LH	"B" LH	
HCC41	43344	"A" RH	"A" RH	3/11/1
HCC79	43345	"B" LH	"B" LH	
HCC47	43346	"A" RH	"B" RH	
HCC78	43347	"B" RH	"B" RH	

"A" to "I Outlet A	_		
Part#	UPC#	Regulator	To Hose
F27L	43320	"A" Conn LH	"B" Hose Nut LH
F27R	43321	"A" Conn RH	"B" Hose Nut RH

"A" to "I Outlet A			
Part#	UPC#	Regulator	To Hose
F58L	43325	"A" Conn LH	"B" Hose Nut LH
F58R	43326	"A" Conn RH	"B" Hose Nut RH

"A" to "E			
Part#	UPC#	Regulator	To Hose
F59L	43327	"B" Conn LH	"A" Hose Nut LI
F50R	43338	"R" Conn RH	"A" Hose Nut R



PDC



Cylinders & Tanks



				O.D.	Height w/valves	Weight	
	Part#	UPC#	Approx. Cap. cu. ft.	Inches	Inches	Lbs.	CGA Connection
Acatulana	MC	40032	10.00	4.00	15.00	8.00	200
Acetylene	В	40033	40.00	6.00	23.25	25.5	520
Oxygen	R	40034	20.00	5.25	18.5	12.7	540
oxygen	R40	40035	40.00	7.00	22.5	32.00	540
	N20	40036	20.00	5.25	18.5	12.7	580
Nitrogen	N40	40037	40.00	7.00	22.5	32.00	580
	N60	40041	60.00	7.00	27.00	39.00	580
*MAP//Pro TM	MDC	40030	14.1 oz.	3.00	11.00	2.00	600
*Propane	PDC	40031	14.1 oz.	3.00	11.00	1.75	600

All tanks are shipped empty. • *Sold in case lot quantity only - 12 per case. - Disposable Propane and MAP//Pro™ cylinders are shipped full and meet DOT 39NRC specifications. MAP//Pro™ is a trademark of Worthington Industries.



Protect yourself against shortages by checking the cylinder contents with a test gauge.

Reading of contents:
Oxygen pressure 1800-2200 psi

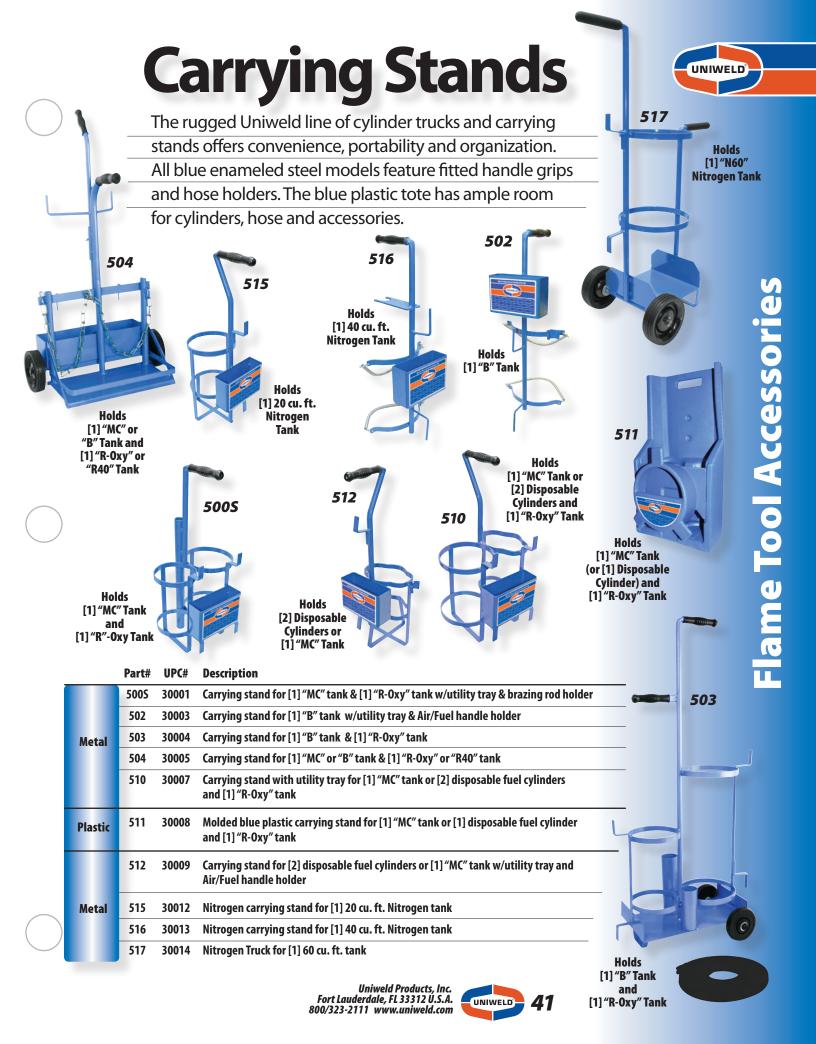
Acetylene pressure $\frac{1}{4}$, $\frac{1}{2}$, $\frac{3}{4}$ or FULL

Nitrogen pressure 1800-2200 psi



Part#	UPC#	Description
TGCB	41250	"B" Tank Test Gauge
TGCMC	41251	"MC" Tank Test Gauge
TGCN	41252	Nitrogen Tank Test Gauge
TGCO	41253	Oxygen Tank Test Gauge







Accessories

Wrenches

Complete selection of combination wrenches for

most fittings and connections.







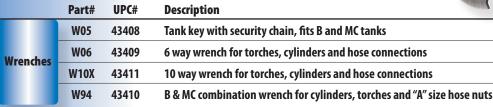




. Socket

W10X







Goggles

Welding goggles with #5 tint lenses. WG53 features flip-up tinted lenses and molded-in air vents.

Part#	UPC#	Description
WG52	43401	Welding Goggles [eye cup type]
WG53	43402	Welding Goggles [type that can be worn with glasses]



Aluminum case with cleaning data stamped on back.

Rustproof, stainless steel, roll-formed spiral wires. Tapered pilot ends will not damage tip orifices. A hardened steel file is included in each case. The long spiral cleans a larger number of tip styles.

Part# UPC# Description TCSD 26060 Standard sizes 75-49				Min mass nur
TCCD 26060 Standard sizes 75-40	Part#	UPC#	Description	on Conner
- Onhali	TCSD	26060	Standard sizes 75-49	S STATE OF THE STA
TCJD 26062 Jumbo sizes 48-30	TCJD	26062	Jumbo sizes 48-30	1
TCMD 26064 Master sizes 75-30	TCMD	26064	Master sizes 75-30	
TCPD 26061 Propane sizes 67-49, plus 3 blades for spline cleaning	TCPD	26061	Propane sizes 67-49, plus	3 blades for spline cleaning
TCLD 26063 Xtra Long sizes 75-49	TCLD	26063	Xtra Long sizes 75-49	

Part# with D denotes hanging display packaging.

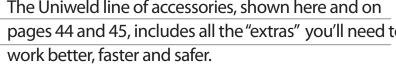






Accessories

The Uniweld line of accessories, shown here and on pages 44 and 45, includes all the "extras" you'll need to work better, faster and safer.











FL34D

FL34

FL3437TC

FL35

FL3437

Lighters Play it safe... use Uniweld flint lighters to ignite your flame torches. Two styles available. Flint renewals for both styles in stock.

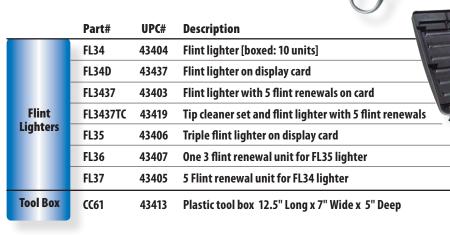
CC61

Flint









UNIWELD



Play it Safe® Flashback Arrestors





Flashback arrestors guench backfire and flashback at the torch or regulator. Uniweld's flashback arrestors also have built-in check valves to prevent reverse flow of gases. They are color coded: **Green** [Oxygen]; Red [Fuel Gas] and are available for torch and regulator.

	3/0"	- 24	"A"	Fitting
--	------	------	-----	---------

9/16" - 18 "B" Fitting*

Flashback Arrestors	Regulator		Torch		Regulator		Torch	
	Part#	UPC#	Part#	UPC#	Part#	UPC#	Part#	UPC#
Single Oxygen	RFAM100	10211	TFAM100	04061	RFA100	10206	TFA100	04056
Single Fuel	RFAM101	10212	TFAM101	04062	RFA101	10207	TFA101	04057
Set of [2] on card [1] Oxy & [1] Fuel	RFAA	10210	TFAA	04060	RFAB	10205	TFAB	04055

Available for torch and regulator. Flashback arrestors installed at the torch help protect the technician and at the regulator, help protect the equipment. *UL Listed



RFAB

Check **Valves**



RVCB

Check valves provide protection against reverse flow of gases, but not flame flashback. Uniweld's check valves conform to OSHA safety standards, [*UL listed]. They're easy to install, test and service. Color coded: **Green** [Oxygen]; **Red** [Fuel Gas]

3/8" - 24 "A" Fitting

9/₁₆" - 18 "B" Fitting*

Check Valves	Torch		Regulator		То	rch
	Part#	UPC#	Part#	UPC#	Part#	UPC#
Single Oxygen	TCV10	02651	RCV100	10201	TCV100	04051
Single Fuel	TCV11	02652	RCV101	10202	TCV101	04052
Set of [2] on card [1] 0xy & [1] Fuel	TCVA	02650	RCVB	10200	TCVB	04050

Check valves should be tested regularly for leakage and flow. Check valves on regulators give best service life. ** For "A" outlet regulators, use adaptor F58R or F58L [see page 39] to connect "B" size regulator check valves on small portable outfits. *UL Listed

Swivl-it[™] Fittings

Part#	UPC#	Description
HCC38	43338	³ / ₈ " - 24, A-LH, Fuel Gas
HCC38-0	43339	³ / ₈ " - 24, A-RH, Oxygen
HCC39	43340	⁹ / ₁₆ " - 18, B-LH, Fuel Gas
HCC39-0	43341	% ₁₆ " - 18, B-RH, Oxygen

- Prevent hose kinks and wrist strain
 Prevent loosening of hose fittings
 - Straight pull will uncoil the hoses 360° movement on all single hoses
 - 180° movement on twin hose
- Pressure tested









Accessories



Cool Blue™ Heat Sink Paste

Paste protects the rubber and plastic seals in ball valves, solenoid valves, reversing valves and heat sensitive materials.

To prevent overheating: a heat transfer cool indicator has been added. As paste absorbs heat, it changes to a dark blue.

Safe to use, non toxic, harmless to skin and odorless.

Easy to clean: wipe off with cloth or wash with water.



91861

À	Calamaid	Part#	UPC#	Description
Bal Valu	Solenoid Valve	91861	91861	Cool Blue™ Heat Sink Paste [Shipped in units of 12 only]
:	T			and the state of t

Flame Barrier

Cool Blue

Cool Blue

A fire resistant material that provides a protective barrier between flammable surfaces and open flames when soldering and brazing. Prevents costly fire damage to surfaces such as wood, wiring, sheetrock, insulation, paint and other surfaces.

Flame barrier will maintain its structural integrity up to 2700 °F with a melting temperature of 3200 °F.



_	Part#	UPC#	Description
	FB12	43230	Flame Barrier 12" x 12"

Heat Guard

A double layer of stainless steel creates an air gap that guards the surrounding area from fire damage. The *Heat Guard* wraps around the pipe, increasing the heat concentration, even in windy conditions. *Clips onto the following tips: UT4, UT5, UT6, HT44, A11, AS11, T-4, TS-4, LPT4, LPTQ4*.

	Part#	UPC#	Description
•	HG4	43015	Heat Guard





