



Regulators

Patriot Series Regulators feature protective rubber gauge boots, rear inlet service with optional CGA cylinder connections. Specially compounded diaphragm and seat material provide accuracy and reliability. Patriot oxygen regulators have been upgraded with a reseatable pressure relief valve (Part# R96RK) designed to prevent regulator failure from abrupt tank pressure.

GAUGES WITH PROTECTIVE RUBBER BOOTS



Reseatable Pressure Relief Valve (Part #R96RK)

Patriot RO

	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
	RMC2B	12019	200	"B" 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
	RB2B	12020	520	"B" 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

Parts & Accessories

FV600 Fuel Valve 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 ZAPP GAS® (Propylene) or Propane fuel gas.

WARNING! Fuel compatibility with other manufacturer's Acetylene regulators must be determined prior to use. If not compatible, another option is 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 13). Also, the Cap'n Hook® tips are fuel specific. (see page 16). It is recommended to use grade "T" hose (H32AT) with ZAPP GAS® or Propane fuel gas. If using grade "R" hose (H32A) with ZAPP GAS® 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 Propane or ZAPP GAS® versus Acetylene and an increase in oxygen consumption.

Fuel	Temp °F	Ratio Oxy/Fuel
Acetylene	5589 °F	1-1
ZAPP GAS®	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.

