

OUTSTANDING FEATURES

FLAME TEMPERATURE: 3700°F with MAPP® - **500°F HOTTER** than propane.

SAFE: Safety lock prevents accidental turn on and prevents jamming of regulator when turning off.

FLAME STABILIZER: STAINLESS STEEL. Will not melt out.

EFFICIENT CROSSWIRL™ BURNER: Flame tip cool to the touch. No wasted energy heating up the tip.

INTERCHANGEABLE BURNERS: Same regulator for single, double or triple tips.

EFFICIENT FUEL CONSUMPTION: One-pound propane tank lasts 2.4 hours with single tip, 1 hours with double tip and 0.7 hour with triple tip. Over 4 hours with small Model 100 tip.

FLEXIBLE DESIGN: Change from propane to MAPP® by a simple setting of the regulator knob.

LIGHT WEIGHT: 5 oz. - low fatigue.

PREMIUM MATERIAL: Aircraft Quality Aluminum: 6262-T9.

WINDPROOF

Contact General Regulator, Inc. for information on **CROSSTECH 357™ SELF IGNITING PROFESSIONAL TORCHES**

CROSSTECH 357, CROSSWIRL, THE GATLING GUN TORCH are trademarks of General Regulator, Inc.

GENERAL REGULATOR INC.

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General Regulator, Inc. is privately owned and operated by engineers, not accountants. Our philosophy has been to offer features which can't be obtained from our competitors, such as our high efficiency CROSSWIRL™ BURNERS which have stainless steel flame stabilizers and our safety lock which prevents accidental turning on of the regulator from the off position. Our mechanical designs are excellent and provide years of uninterrupted service. For example, our swivel assemblies never wear out or leak. We take great care to make sure our products function properly under all operating conditions and are safe to use. All torches have their valves bubble- tested to make sure they don't leak. All pressure regulators are statically tested at full pressure for 4 hours to make sure there are no leaks. You can rest assured that our torches will not blow up. Finally, all our torches are ignited and tested for performance. Our products are so good that our competitors have tried to get us to sell torches to them so that they could sell them under their private label!

SATISFACTION GUARANTEE

If you are not completely satisfied with your CROSSTECH TORCH, return the torch within 30 days of the purchase date on your receipt to the selling dealer, and the full purchase price will be refunded.

WARRANTY

All CROSSTECH TORCHES have a 3-YEAR LIMITED WARRANTY.
TO ORDER TORCHES, CONTACT:



We would like to be your
SupplierOfChoice™

Please visit
www.SupplierOfChoice.com

CROSSTECH® PROFESSIONAL TORCHES

HOTTEST-FASTEST-SAFEST

JOBS:

RESIDENTIAL PLUMBING

COMMERCIAL PLUMBING

HEATING SYSTEMS

AIR CONDITIONING

VENTILATION SYSTEMS

REFRIGERATION

SHEET METAL WORK

HEAT TREATING

INDUSTRIAL BRAZING

AUTOMOBILE REPAIR WORK

APPLICATIONS:

COMMON 60/40 TIN-LEAD SOLDER

(Liquidus @ 375°F)

HIGH TEMP. 95/5 SOLDER(TIN-ANTIMONY)

(Liquidus @ 464 °F)

TIN-SILVER SOLDER

(Liquidus @ 535°F)

ALUMINUM BRAZING

(Liquidus @ 1100°F)

SILVER BRAZING

(Liquidus @ 1200°F)

COPPER - PHOSPHORUS BRAZING

(Liquidus @ 1450°F)

PHOSPHORUS BRONZE BRAZING

(Liquidus @ 1800°F)

CROSSTECH torches are covered by one or more of the following patents:
U.S. Patent No. 4255124, 4324269, 3698427, 3699998, DES. 263,790
Foreign Patents: Gt. Brit. 137829, Patented 1974-1975-1982-1984 CANADA

CROSSTECH® TORCH PRODUCTS

General Regulator, Inc. provides a complete product line, enabling the plumber to do all of his work by choosing one of our four torches. With our handy "Copper Tubing Size Capacity" chart on the next page, the plumber can choose the correct torch and fuel to do his job.

MODEL 100 CROSSTECH® TORCH:

The Model 100 torch is designed for the refrigeration market, providing a small, 1/4" diameter, extremely intense swirl flame. This torch is also very handy for the plumber who needs to use 95/5 solder (Tin-Antimony) to join copper tubing in close proximity to combustible building materials.

MODEL 2000 CROSSTECH® TORCH:

The Model 2000 torch is our general purpose torch which is used throughout the plumbing industry. This torch does 90% of all the plumbing jobs which the average plumber will encounter in his daily work.

MODEL 2100 CROSSTECH® TORCH:

The Model 2100 torch is our Industrial performance torch, which has a very strong customer acceptance in the industry. Its flame shape is wide and short, allowing for concentrated heat in a large area. There is no other torch in the marketplace like it. Like the Model 2000 CROSSTECH TORCH, the Model 2100 CROSSTECH TORCH has been in production for over 23 years since General Regulator, Inc. incorporated in June of 1978.

MODEL 3000 CROSSTECH® TORCH:

The Model 3000 torch is for very heavy duty work. It also provides a wide and short flame for concentrated heat in a large area. Most users are astonished by the tremendous amount of heat coming out of the torch when they see this torch demonstrated. It is ideal for quickly heat-treating large work pieces. This torch will allow the user to have a very powerful heating tool when he needs it without having to own expensive air-acetylene outfits. It has been given "The Gatling Gun Torch™" nickname.

KITS ARE AVAILABLE WITH COMBINATIONS OF MODEL 2000 TORCHES AND MODEL 100, 2100 & 3000 TIPS. CONTACT YOUR DISTRIBUTOR.

Made in the United States Of America

CROSSTECH® TORCHES COPPER TUBING SIZE CAPACITY

MODEL 100	Propane		MAPP®	
	in.	mm	in.	mm
Soft Solder	5/8	16	1	25
Silver Solder	3/8	10	3/4	19
Copper - Phos.	1/4	6	1/2	13
BTU'S / HR	4,700		4,770	

MODEL 2000	Propane		MAPP®	
	in.	mm	in.	mm
Soft Solder	1 1/2	38	2 1/2	64
Silver Solder	3/4	16	1 1/2	38
Copper - Phos.	1/2	13	1	25
BTU'S / HR	8,120		11,530	

MODEL 2100	Propane		MAPP®	
	in.	mm	in.	mm
Soft Solder	2 1/2	64	4	102
Silver Solder	1 1/2	38	2 1/2	64
Copper - Phos.	1	25	1 3/4	44
BTU'S / HR	19,050		21,880	

MODEL 3000	Propane		MAPP®	
	in.	mm	in.	mm
Soft Solder	4	102	6	152
Silver Solder	2 1/2	64	4	102
Copper - Phos.	1 3/4	44	3	76
BTU'S / HR	26,510		30,910	

CROSSTECH® TORCHES CONTINUOUS USE - FUEL CONSUMPTION

	Propane (14.1oz)		MAPP® (16 oz)	
	Hrs	Min.	Hrs	Min.
MODEL 100	4	5	4	25
MODEL 2000	2	22	1	50
MODEL 2100	1			58 Min.*
MODEL 3000	43	Min.*		41 Min.*

* The Model 100, 2000 and 2100 CROSSTECH TORCHES can be used continuously from the same tank with propane. In the case of the Model 3000, the user will have to change to a room temperature tank after approximately 10 minutes of continuous use with MAPP® and 20 minutes with propane. The Model 2100 with MAPP® will operate for 20 minutes before a room temperature tank is needed. This should not be a problem as most jobs will be done in 5 to 10 minutes. The user will see longer times when heat reflects from the work piece and heats the tank. The advantage of the Model 2100 & 3000 torches is that the user can apply a tremendous amount of heat to the work piece and get the job done quickly without large bulky tanks.