

## FEATURES

**High Performance Crosswirl™ Burners:** Flame stabilizers are made from space-age, high temperature stainless steel that will not melt out. (U.S. Patent Nos. 4,255,124 and Des. 263,790) Flame tube cool to the touch. No wasted energy heating up the tip. We are the original inventors of this burner.

**Swirl Flame Temperature:** MAPP® gas is 3700°F, which is 500°F hotter than propane. Do not be fooled by competitors who rate their torches for an ambiguous “target heat.” What really counts is what size copper tubing can be heated for a given fuel. See our “CROSSTECH TORCHES - Copper Tubing Size Capacity” table in this brochure. We have a separate application note explaining CROSSTECH TORCH flame temperature vs. “target heat” available.

**Method of Combustion:** Efficient laminar flow. This is why our flame tubes operate cool.

**Flame Speed:** “Q” (inches of water using MAPP® gas). Models: 2000, 2100 & 3000: 1.75-2.0, Model 100: .9.

**Windproof:** Will not blow out.

**Interchangeable Burners:** Same regulator for single, double or triple tips.

**Efficient Fuel Consumption:** One-pound propane tanks last 2.4 hours with single tip, one hour with double tip, 43 minutes with triple tip, and four hours with Model 100 tip.

**Precision Orifices:** Factory positioned for peak performance. Orifice is non-removable. Special cleaning and a stainless screen prevent dirt from clogging the orifice hole. The user should never have to clean the orifice.

**360° Swivel:** TEFLON® clutch provides high torque, smooth action, and long wear life. After 26 years of use, these swivels are still functioning correctly. The torch tip rotates to any position and makes use simple for hard to reach jobs. Swivel assembly is tamperproof and cannot be disassembled from the regulator body. This prevents potential leaks.

**Precision Regulator** (U.S. Patent No. 4,324,269): Maintains precise torch pressure when the tank pressure changes due to either temperature or position variations. Diaphragm construction that will not leak in cold weather.

**Metal Knob with Safety Lock:** Delivers smooth action; cannot be accidentally turned on and prevents jamming of the regulator when turning off. Single turn knob indexes to the optimum MAPP® gas or propane setting. This allows one torch to be used for both gases.

**Stainless Steel Filter:** Valve assembly has a stainless steel filter to prevent dirt from the tank contaminating the valve and causing leaks.

**Regulating Valve:** The valve uses a soft seat, Buna-N “O” ring for good sealing.

**Premium Material:** Aircraft Quality Material: 6262-T9; corrosion resistant.

**Light Weight: Model 2000:** 5.7 oz. - low fatigue factor when using on overhead work.

**Testing:** Regulator bubble tested so tanks will not be wasted.

- Regulator statically tested at full pressure for 4 hours.
- Torches tested for optimum performance.

To see manufacturing testing, please visit [www.SupplierOfChoice.com](http://www.SupplierOfChoice.com)

**Operating Temperature:** MAPP® (20°-120°F.), Propane (0°-120°F.)

**Warranty:** All torches have our 3-year limited warranty.

MODEL 100	Propane		MAPP®		MODEL 2000	Propane		MAPP®	
	in.	mm	in.	mm		in.	mm	in.	mm
Soft Solder	5/8	16	1	25	Soft Solder	1 1/2	38	2 1/2	64
Silver Solder	3/8	10	3/4	19	Silver Solder	3/4	19	1 1/2	38
Copper - Phos.	1/4	6	1/2	13	Copper - Phos.	1/2	13	1	25
BTU/hr	4,700		4,770		BTU/hr	8,120		11,530	

  

MODEL 2100	Propane		MAPP®		MODEL 3000	Propane		MAPP®	
	in.	mm	in.	mm		in.	mm	in.	mm
Soft Solder	2 1/2	64	4	102	Soft Solder	4	102	6	152
Silver Solder	1 1/2	38	2 1/2	64	Silver Solder	2 1/2	64	4	102
Copper - Phos.	1	25	1 3/4	44	Copper - Phos.	1 3/4	44	3	76
BTU/hr	19,050		21,880		BTU/hr	26,510		30,910	

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# CROSSTECH® PROFESSIONAL TORCHES



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