

READ ALL INSTRUCTIONS

ASSEMBLY:

1. Before attaching torch to gas cylinder, check and make sure the valve is switched "off" by turning knob in the clockwise direction until hand tight. Do not over tighten it.
2. Turn gas cylinder counter-clockwise into valve body until hand tightened and securely attached to the torch inlet connection.

OPERATION AND LIGHTING:

1. Use only Mapp or Propane Gas gas.
2. Examine the torch and o-rings for cuts or other damages. Replace o-ring(s) with new ones or have the unit repaired. Damaged or missing o-rings can cause gas leaks.
3. With the valve open & without lighting, test all connections for leaks with soapy water. If a leak is detected, replace the gas cylinder and check for leaks again. If leaking still occurs, the torch must not be used. Do not try to disassemble the torch yourself.
4. Turn the adjustment knob counter-clockwise about 1/8th of a turn, the gas will blow-out with a light "hissing" sound from the torch.
5. For torches without self-ignition, use a match or lighter to ignite the flame. For torches with self-ignition, press "ignition button" and the flame will ignite instantly.

TURNING OFF AND STORAGE:

Remove gas cylinder from torch when not in use. Never store the torch with gas cylinder attached.

1. Turn valve off (Note: The flame may continue to burn for a short period of time if the torch has been operated in an inverted upside down position.)
2. When the torch has cooled down, turn the gas cylinder clockwise from valve body to disconnect. Then, store the torch and cylinder separately. Observe precautions on the cylinder label.

GENERAL SAFETY RULES:

1. Do not use this torch until you have read and understood all the instructions, precautions and you have familiarized yourself with the torch. Do not try to operate before reading instructions.
2. Do not point torch towards face, other persons or flammable objects. Never attempt to use the torch as a cigarette lighter.
3. Disconnect cylinder when not in use.
4. Never attempt to disassemble the torch construction and never use unapproved fuel.
5. Do not drop the torch on the ground.
6. Do not use a leaking, damaged or malfunctioning torch. Torches improperly operated, maintained or repaired can be dangerous and result in property damage or injury to the operator.
7. Work only in well-ventilated areas.
8. Avoid contact of flux with skin or eyes.
9. Always place your work on a firebrick, do not use it. Ordinary bricks and concrete can explode when subjected to high temperatures. Do not work on wood or metal surfaces. Always shield your work.
10. Always wear protective gloves and use proper tools for the work.
11. Be aware that the tip of the torch can get extremely hot during use. Take precautions to protect yourself and others from accidental burns. Never use the torch on or near combustibles. Be especially careful around motor vehicles or any gasoline-fired products and beware of hidden fuel lines and tanks.
12. Always make certain the torch is placed on a level surface when connected to a gas cylinder to reduce the risk of accidental tip-over. Make sure the torch is not pointed at a direction which could cause nearby objects to ignite when torch is set down.
13. When brazing pipes, be careful not to overheat surrounding parts.
14. Always have a fire extinguisher and a bucket of water near the torch and work area. Do not place them in the flame path or in a location where you could not reach them should a fire break out.

WARNING:

(Extremely flammable contents under pressure.) Keep out of reach of children. Keep away from heat or flame. It is illegal and dangerous to refill the cylinder. Obtain new gas cylinder from your dealer. Avoid prolonged exposure to sunlight. Do not store near heat or in a room used for habitation. Always close torch valve and wait at least 30 seconds before removing torch from gas cylinder. Always detach gas cylinder from torch when not in use. Do not breathe in gas, fumes, vapor or spray. If inhaled, remove affected person to fresh air. Avoid contact with skin and eyes. If skin contact occurs, flush with large amount of water. In case of contact with eyes, rinse immediately with plenty of water and seek medical assistance. When gas cylinder is empty, discard in a safe place. Do not throw in fire. Do not puncture or incinerate the container.

Do not throttle the torch down. Operation at low flows will cause the torch to overheat and damage the torch. The gas cylinder contains gaseous and liquid propane. If the torch is moved rapidly, tilted too far to the side or upside down, the liquid can enter the valve and cause the flame to flare or extinguish. Make sure the torch is cool before moving the unit.

- ⚠ **WARNING:** This product contains chemicals, including lead and lead compounds in brass fittings. It also produces combustion by-products when used. These substances are known to the State of California to cause cancer, birth defects or other reproductive harm
- ⚠ **Wash your hands after using this product.** Contains lead. May be harmful if eaten or chewed. Complies with federal standards
- ⚠ **WARNING: Keep out of children's reach**
For more information go to www.p65warnings.ca.gov

SAVE THESE INSTRUCTIONS



Specification	
Size :	25x29x140 mm
Torch Weight :	460g
Heat Temp. :	Max. 1300°C
Consumption (BTP) :	367.6 g/hr (5.0 KW)
BTU :	17060 BTU/hr

BLUEFIRE®

BLUEFIRE® High Output Dual Swivel Torch

MRAS-8103

Feature:

- Heavy duty manual lighting for MAPP and propane
- Pressure Regulator
- 360 Degree Swivel Tips
- Double Tubes with swirl combustion
- Internal piston designed regulator to prevent leakage
- Adjustable flame control

Flame Type



Feature:

- For professional heating, ventilation, air conditioning, plumbing and refrigeration contractors
- Easy to clean orifice screws

2372°F
1300°C
Brazing Fuel



⚠ KEEP OUT OF REACH OF CHILDREN

GAS CYLINDERS NOT INCLUDED

www.bluefireusa.com

310x120x40mm