

MagFire Propane Torch Kit – 500,000 BTU
Instructions and Operation Manual
IMPORTANT! PLEASE READ INSTRUCTIONS CAREFULLY
Save these Instructions

Know and use all Safety Precautions before any operation.

There are many hazards to be considered when using the *MagFire* equipment. It should only be used by well-trained professional technicians or under competent supervision. Use extreme caution. This instruction is offered as a practical guide for safe operation of the equipment.

Setup and Assembly

1. Connect hose to torch handle. Secure connection with wrench but do not over tighten.
2. Attach the excess flow safety valve to the propane tank shut-off valve. The torch should not be used with less than a 20 lb. capacity cylinder. Secure connection with wrench but do not over tighten.
3. Connect the other end of hose to the hose outlet of the excess flow safety valve. Secure connection with wrench but do not over tighten
4. Never place undue strain on the hose connections.

Test Leakage

To check for leakage at all gas connections use soapy water or suitable leak detection solution. Close torch shut-off valve and then **slowly** open the propane tank shut-off valve. If leakage is found, (bubbles indicate a leak) check the connection and retighten the leaking connections. Do not light the torch if leaks are present. Close the propane tank shut-off valve after testing. Never attempt to use the torch if you detect a leak.

Operation

1. Make sure that all valves are closed.
2. With torch valve shut off, **slowly** open the tank shut-off valve to full open. Quick opening will activate the excess flow safety valve. If this happens, wait 10-20 seconds for the automatic reset of the excess flow safety valve.
3. With torch in an area clear of flammable material, slightly open the torch shut-off valve (about a quarter turn).
4. Light the Torch with Flint Spark Lighter
5. Turn the torch shut-off to adjust the size of the flame.

Warnings

- Keep out of reach of Children.
- Do not use this torch for thawing frozen water pipes under houses.
- Brick and concrete can explode if subjected to high temperatures. Do not overheat these materials while using torch.
- Use with Propane only. Do not use non-approved fuels.
- Always have a fire extinguisher close at hand.
- User should be well trained or under competent supervision when using this kit.
- For outdoor use only.
- Inspect the burn area and remove any paper articles that could ignite and remain smoldering.
- Do not operate torch in enclosed area or where flammables such as gasoline, oil or diesel fuel are present.
- The enclosed excess flow safety valve must be used for safety.
- Before igniting torch, inspect hose and connections for wear and tear.
- Wear protective clothing and protections for eyes and hands, such as gloves and goggles.
- Recommended that a U.L. listed excess flow tank is used.
- Use the enclosed Flint Spark Lighter to ignite torch. Never use match or lighter.
- Never leave a lighted torch unattended.
- Never leave a lighted torch on the ground.
- Use caution on windy days – debris can be blown to non-burn areas.
- Do not modify torch assembly.
- Shut off Tank Valve when not in use

More Information

- Refer to NFPA pamphlet 58. Standard for the Storage and Handling of Liquefied Petroleum Gases and ANSI Z49.1, Safety in Welding and Cutting, for more information. This information in no way constitutes a complete safety program.

State of California Only

- WARNING: California Proposition 65: This product, when used for flame processes, produces fumes, particulates, residues and other by-product known to the State of California to cause cancer and birth defects or other reproductive harm.
- WARNING! This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

Shutting Down Equipment

1. To turn the flame off, first close the torch shut-off valve and then close the tank shut-off valve.
2. Slightly open the torch shut-off valve to release residual propane gas in the hose.
3. Shut off the torch shut-off valve.
4. Remove all equipment from cylinder with a wrench. Do not attempt to store a "hot" or recently burned torch. Allow time for the unit to cool down.
5. Store the equipment in compliance with state or local regulations. Never store in rooms used for habitation or near a source of heat or ignition.

Questions or Issue?

- Please do not return to retail location
- For questions or issues call 1-800-969-3334; Monday through Friday - 8:30 a.m. to 5:00 p.m. EST

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