THROWFLAME

XL18 User Manual

Next Level **Firepower**

READ THE INSTRUCTIONS AND WARNINGS IN THIS MANUAL CAREFULLY BEFORE USING THE XL18. DO NOT DISCARD THIS MANUAL

This instruction manual should always accompany this product and be transferred with it upon sale, or when the product is loaned or presented to another person.

MADE IN USA

Built to last

throwflame.com

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UserManual

THROWFLAME

Required Accessories

(Due to shipping restrictions, we do not ship anything pressurized)

8oz Butane Canister
(also marketed as isobutane)

- These canisters are readily available at major department stores such as Wal-Mart, sporting/camping goods stores, and online for just a few dollars.
- Always remove the canister between uses to prevent inadvertent leaks or breakage.

20oz CO2 Tank

- Each XL18 comes standard with one empty 20oz CO2 tank. Extra tanks are available for sale on our website at throwfame.com. These tanks are also commonly available online or at most sporting goods stores.
- CO2 tanks will need to be filled upon arrival. They can be refilled at sporting goods stores, paintball shops, and air/gas suppliers for a few dollars.

Transportation, shipping, and/or use of the XL18 may be regulated by federal, state, and/or local law. Verify applicable laws before using, transporting, or shipping. Xmatter LLC and its members, managers, agents, and representatives shall not be liable for any special or consequential damages that result from the use of the products offered, even if Xmatter LLC has been advised of the possibility of such damages. Applicable law may not allow the limitation or exclusion of liability or incidental or consequential damages. Although the contents of this manual are believed to be accurate, Xmatter LLC does not assume responsibility for the accuracy, correctness, completeness, reliability, and up-to-dateness of information made available through the manual. The contents of the manual are provided “as is” and without any expressed or implied warranties of any kind. Xmatter LLC disclaims liability for any damages that arise as a result of the direct or indirect use of its manual and/or websites. Xmatter LLC reserves the right to modify, amend, delete, suspend or discontinue its manuals and/or websites, which it controls, without prior notice.

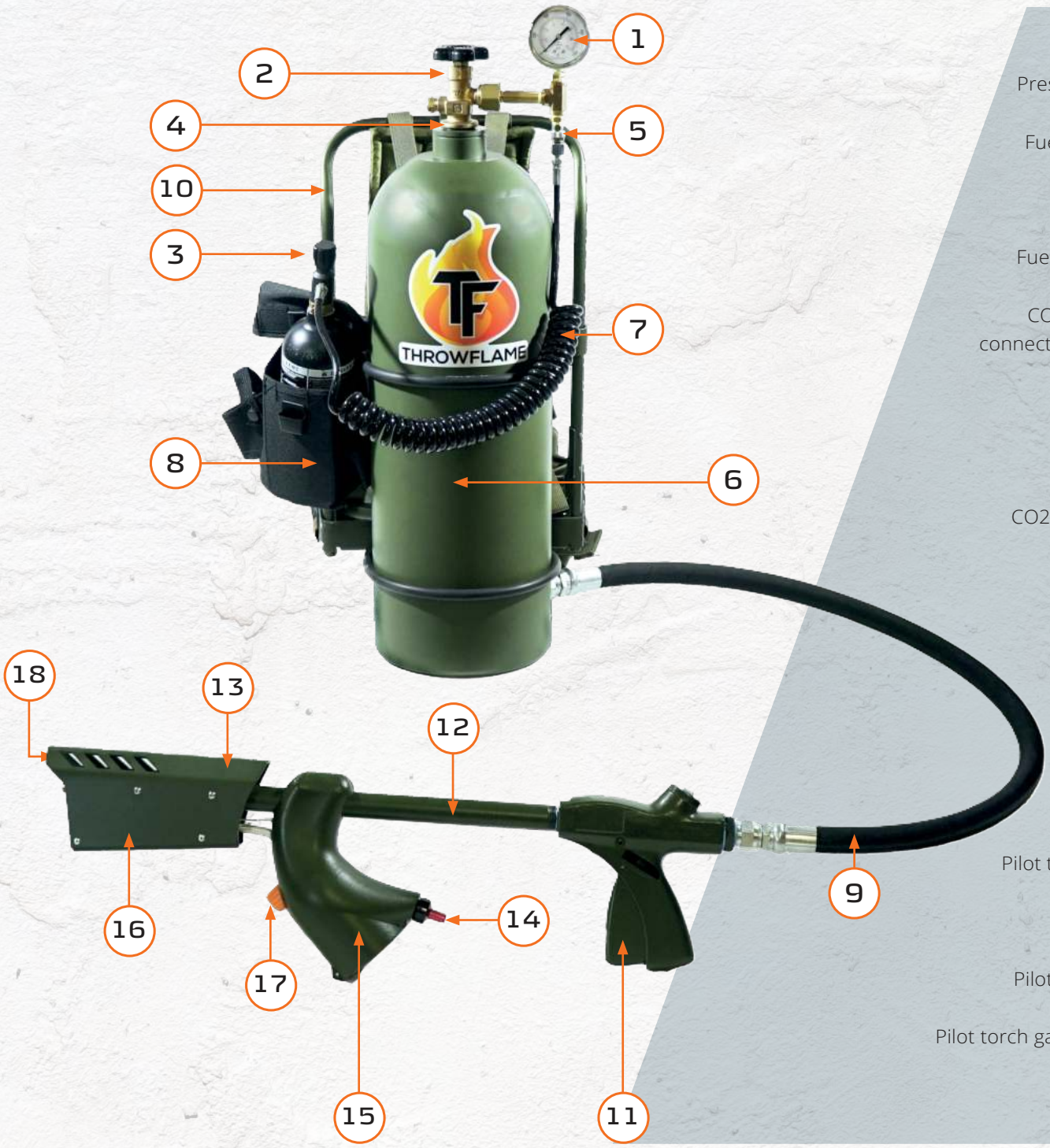
If you have any questions or issues, please contact us at info@throwflame.com with your order number and we will be happy to help!

Safety Guidelines

Read all instructions before operating the product. Failure to follow all instructions listed below may result in burns, unintentional fires, and/or serious injury or death. Review these instructions before each use.

1. Keep out of reach of children
2. Test the XL18 with water to ensure no components were altered during shipping. Listen and observe for any leaks before firing. If you suspect or notice any leakage (through sight, smell, or otherwise), discontinue use immediately and contact us for support.
3. Always keep the XL18 pointed in a safe direction.
4. Always keep hands and objects away from the trigger until ready to shoot.
5. Store your flamethrower unloaded and unpressurized in a secure location
6. Know your target and what is beyond it.
7. Only operate the XL18 outdoors in a well-ventilated area.
8. Never use alcohol or drugs while operating the XL18.
9. The XL18 must be on the ground or a grounded surface during refueling. As with filling any fuel container, there is a risk of static charge build-up.
10. Do not remove the butane canister while the flame is present.
11. Remove butane canister when not in use.
12. Keep all body parts away from the nozzle during use.
13. Do not refill the fuel tank near open flames.
14. Do not operate in strong wind. Be mindful of wind direction. Do not fire into a headwind of more than 5 mph.
15. Leftover fuel in the barrel has the ability to drip from the nozzle of the XL18 at any time. Be sure the XL18 is directed away from people and any flammable surfaces.
16. Do not aim the XL18 at higher than a 45 degrees angle from level - the risk of fuel dripping onto the operator increases significantly.
17. Use personal protective equipment and fire-resistant gear.
18. Keep a fire extinguisher ready nearby.
19. Ensure the XL18 is unpressurized before refilling.
20. Use in the upright position only
21. The nozzle area and pilot torch become hot and aflame during use. Do not touch these surfaces, they may burn.
22. Do not transport while filled with fuel.

Component Identification



Pressure gauge	1
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CO2 line	7
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Grip	15
Pilot torch head	16
Pilot torch gas flow knob	17
Nozzle	18

Operation

Video: https://youtu.be/TpVn07sGsbM

1 Fill Up

Before filling with fuel, it is important to identify that the system is not under pressure. This can be verified in two ways.

- Simply squeeze the trigger to release any pressure.

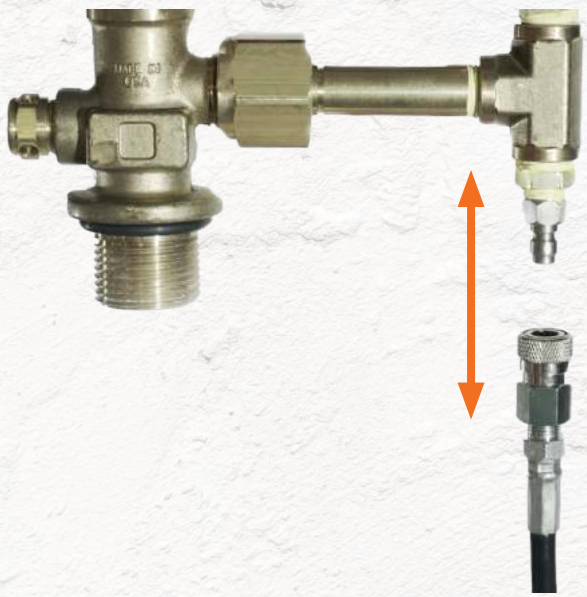
or

- Close the fuel tank valve by rotating the black knob clockwise. Once closed, remove the CO2 line via the silver CO2 line quick disconnect. Next, open the fuel tank valve by turning the black knob counter-clockwise to release any pressure.

Set the fuel tank on the ground and in an upright position. Disconnect the black CO2 line from the fuel tank valve via the silver CO2 line quick connect. Next, remove the fuel tank valve by unscrewing the complete fuel tank valve assembly counter-clockwise. Carefully pour fuel into the fuel tank. The fuel tank holds approximately 3 gallons (11.3L). Reinstall the fuel tank valve by screwing the fuel tank valve assembly clockwise into the fuel tank. Verify fuel tank valve o-ring is in place. Reattach the CO2 line.

The XL18 is designed to operate with commonly available liquid fuels and thickened fuels. For best results, we recommend starting with a diesel-only mix. If the ignition is inconsistent or a more volatile mix is desired gasoline can be added.

When using thickened fuels, 80% diesel and 20% gasoline works well with 1oz (1 scoop) per gallon of our napalm mix.



Operation

2 Pressurize

Without Regulator

Close the main fuel tank valve by rotating clockwise. Screw a 20oz CO2 tank into the CO2 valve then turn the CO2 valve knob clockwise to release the pressure into the CO2 line. You should hear a slight pressure transfer, note the starting pressure on the pressure gauge. To release the pressure into the fuel tank, turn the black fuel tank valve counter-clockwise. You should hear the pressure transfer, note the slight drop in pressure.

With Regulator

Close the main fuel tank valve by rotating clockwise. Set the regulator to 0 PSI (turn the black regulator knob counter-clockwise). Screw a 20oz CO2 tank into the CO2 valve then turn the CO2 valve knob clockwise to release the pressure into the CO2 line. You should hear a slight pressure transfer, note starting pressure on the inlet pressure gauge. Set the regulator to the desired PSI as indicated on the outlet pressure gauge (turn the black regulator knob clockwise to increase pressure output). To release the pressure into the fuel tank, turn the black fuel tank valve counter-clockwise. You should hear the pressure transfer.

Your system is now pressurized and a stream of fuel will be shot out if the trigger is pulled.

Note: CO2 pressure will fluctuate based on temperature. Do not operate at more than 1,000 PSI. The optimum pressure for best range performance is 300-400 PSI.

Operation

Butane canister installation video

3 Install the butane canister

Slide the butane canister (see Page 1) into the grip and twist clockwise about ¼ turn to lock it into the pilot torch attachment point. When removing the canister, simply perform the reverse action.

Note: The collar notch on the butane canister should be aligned with the pilot torch knob. When using thickened fuels, 80% diesel and 20% gasoline works well with 1oz (1 scoop) per gallon of our napalm mix.

4 Throwflames!

When ready to fire, ignite the pilot torch. Slightly open the pilot torch knob by twisting it, you should hear a slight hiss. Then press the igniter button to generate a spark and ignite the pilot torch flame. Adjust the pilot torch knob as needed for a reliable flame in the path of the fuel stream.

With the pilot torch aflame, you're ready to throw some flames. Aim the XL18 in a safe direction and press the trigger to emit fuel and a flaming stream.

Note: With your non-firing hand, securely grasp around the barrel to brace for mild recoil.

5 When you are finished

Once the fuel tank is empty the remaining CO_2 in the fuel tank will continue to be released. First, turn off the pilot torch by twisting the pilot torch knob clockwise until fully closed. Resume holding down the trigger to depressurize the fuel tank and the CO_2 tank. If desired, remove the butane canister once away from any open flames.

Note: The shroud and nozzle may still be hot. Avoid touching these surfaces.

CAUTION HOT SURFACE

Maintenance and Storage

The XL18 is designed to be generally maintenance-free. All components are rated for industrial use and designed for long-term operation. There are just a few things to keep in mind:

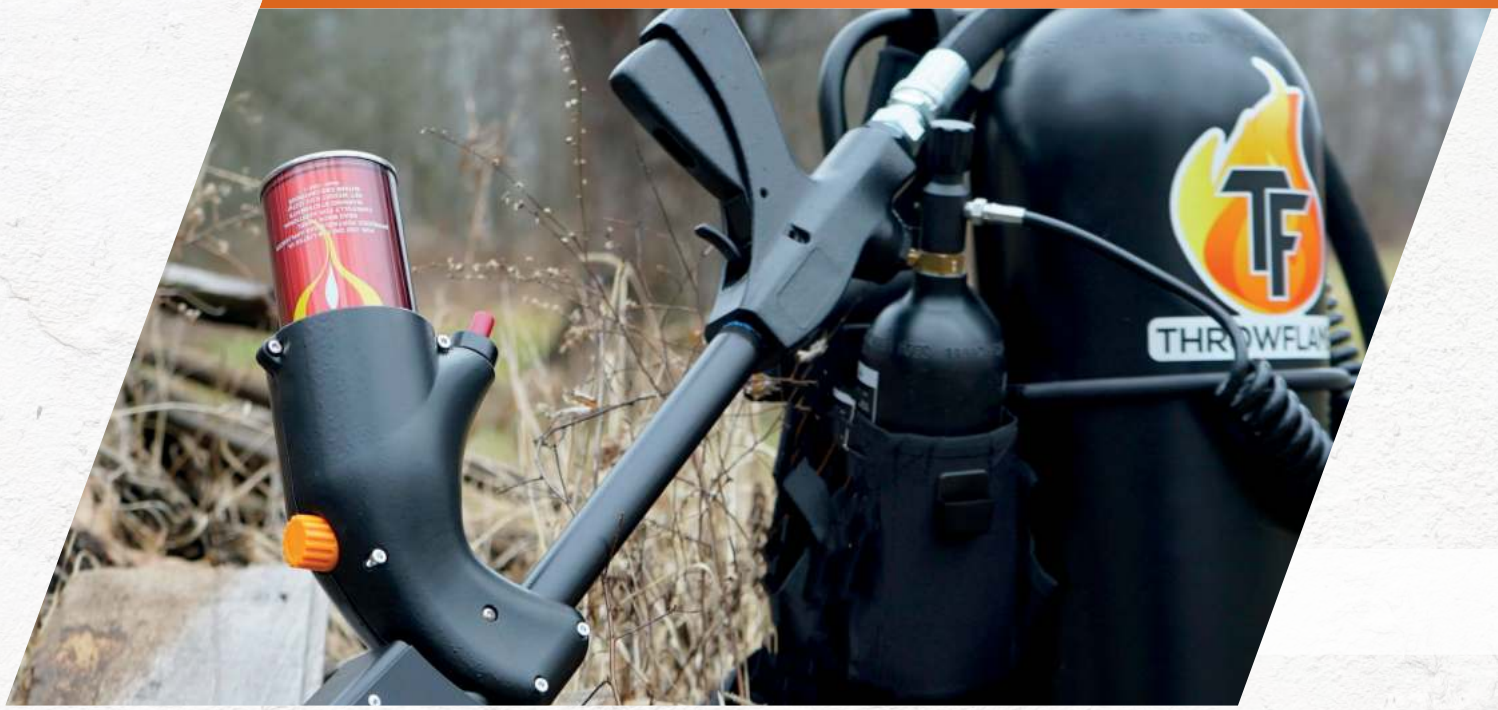
- Keep the fuel tank and lines clean and free of debris
- Inspect for any leaks before each use. Look for cracks in hoses, broken lenses on gauge, and damaged threads on threaded components.
- Check the fuel tank o-ring before use.

It is best to keep the XL18 stored out of the elements, empty, unpressurized, and in a secure area away from pets, children, and any other unauthorized persons. If desired, the XL18 can be flushed with water. After each use, wipe equipment with a clean cloth.

Contact us directly at **info@throwflame.com** for any questions or replacement parts. We are happy to help.

Legal to own

In the USA Flamethrowers are federally unregulated and not even considered a firearm (ironic) by the BATF. There is no need for any NFA tax stamps, weapons licensing, or even an FFL dealer. It's the purchaser's responsibility to ascertain that ownership and or use does not violate any state or local laws or regulations. Check the FAQ page on Throwflame.com for the latest information on international deliveries.



THROWFLAME

★★★★★

The extra mile!

"Thank you again for the great customer service and going the extra mile!
Tyler T. / Denver CO

★★★★★

Best in the business

"Flamethrowing is a great adrenaline rush, and Throwflame is the best in the business. This is a quality product made by reliable people
David / FNH BLOG

USER SWAPPABLE PARTS | RESPONSIVE SUPPORT | LIFETIME WARRANTY

Next Level Firepower

Shoot further with the XL18 Flamethrower

Worry less, throw more flame

Your flamethrower will last for many years and through thousands of gallons of fuel. Whether you're torching the scathing elements of nature, or just celebrating freedom the way you see fit, your flamethrower is designed to take it all. Our modular design makes repairs quick and easy, minimizing downtime and getting you back to laying down some firepower.

If you are the type of person that wants the biggest and the best, the XL18 flamethrower is for you. Boasting 10x more firepower than the X15, it is the most powerful flamethrower to date! It's an epic solution for the jobs that require maximum firepower! Just remember, with great firepower comes great responsibility.

- 110ft+ effective range (33.5m)
- 3.3 gallon fuel capacity (12.5l)
- 33 GPM Maximum firepower (125 LPM)
- Napalm compatible

★★★★★

Lifetime warranty

We are happy to offer our customers a limited lifetime warranty that covers any manufacturing or material defects for the lifetime of the original purchaser.

THROWFLAME

Contact Us!

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Cleveland, Ohio

FAQ

YOUTUBE
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