

ivation[®]

Heavy-duty Propane Torch

SKU: IVAPROTORCH4

User Guide



Thank you for purchasing the **Ivation® Heavy-duty Propane Torch**. This User Guide is intended to provide you with guidelines to ensure that operation of this product is safe and does not pose risk to the user. Any use that does not conform to the guidelines described in this User Guide may void the limited warranty.

Please read all directions before using the product and retain this guide for reference. This product is intended for domestic, outdoor use only.

This product is covered by a limited one-year warranty. Coverage is subject to limits and exclusions. See warranty for details.

WARNING! Please read and understand all safety precautions and instructions before operating this appliance. You need to understand the applications, limitations, and potential hazards associated with this appliance. This appliance is not intended for use by children; persons with reduced physical, sensory, or mental capabilities; or persons with lack of experience and knowledge. Improper usage of the product can result in damage to the product or serious injury to the user.

DANGER: EXTREMELY FLAMMABLE. CONTENTS UNDER PRESSURE.

- Do not operate this torch if:
 - You are subject to seizures, loss of consciousness, or fainting.
 - You have been drinking alcohol, using drugs, or taking prescription medication that could affect your judgment or balance.
 - You have not read or do not understand the User Guide.
 - You are not capable of safely operating this type of equipment.
 - You are overly tired or fatigued.
- Make sure to familiarize yourself with the appliance before using it.
- Keep the product out of the reach of children. Do not allow children to operate or handle this product.
- Use extreme caution at all times when operating this device.
- Do not leave product unattended while in operation.
- Do not aim torch towards yourself, people, or pets.
- This product is for outdoor use only.
- Ensure your work area is well ventilated.
- Make sure no parts are damaged or missing from the torch.
- Do not use this device in the rain or in wet/damp conditions.
- Do not use in an atmosphere with combustible gas.
- Keep children and pets away from product during operation.
- Always wear protective, flame-resistant gloves and goggles when operating this product. Long-sleeved shirts, pants, and boots are also recommended.
- Do not smoke while using this appliance.
- Do not submerge the torch in any kind of liquid as this could result in hazard or other personal injury.
- Do not drop or throw the product.
- Do not stand or prop the torch on the burner end while in operation.
- If you smell gas:
 - Shut off the device immediately.
 - Extinguish any open flames.
 - Check the device for leaks by covering it with soapy water.
 - Do not attempt to reignite the device until all leaks are repaired and you no longer smell gas. If you are unsure, ask a qualified professional for help.

- Do not use this product to heat, mold, or bend plastic sheets, tubing, etc.
- This product should not be used with propane cylinders less than 20 lbs.
- Do not use this product to strip or remove paint.
- Always close the torch valve and wait for the torch to cool down before tightening or removing the torch head and before installing or removing accessories. Failure to do so could result in severe burns.
- Always keep away from heat or flame, and avoid prolonged exposure to sunlight.
- Don't use any fuel other than propane with this torch or it could result in fires, explosions, property damage, and/or operator injury.
- When the gas cylinder is empty, dispose of it properly in a safe and approved location. Do not throw the cylinder into a fire, puncture, or incinerate it.
- It is illegal and dangerous to refill the propane gas tank on your own. Obtain a new propane cylinder from an authorized retailer.
- Do not inhale gas, fumes, vapor, or spray from the propane cylinder or torch, and avoid contact with skin and eyes. If inhaled, immediately move the affected person to fresh air. For skin contact, flush with lots of water. In case of eye contact, rinse immediately with plenty of water and then seek medical advice.
- Ordinary brick and concrete can explode when subjected to temperatures. Do not work on wood or metal surfaces with this product. Always shield your work.

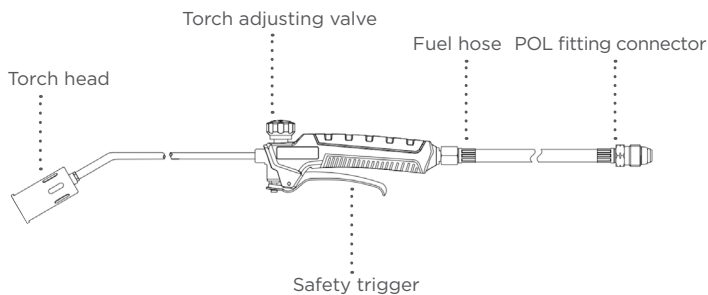
WARNING! This torch is designed to combust vapor-fuel output from an approved propane gas cylinder. Do not attempt or allow liquid fuel to be used with this torch.

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PACKAGE CONTENTS

- A** Heavy-duty propane torch
- B** User guide



DAILY EQUIPMENT CHECKLIST

- Visually inspect all parts of the torch equipment for any signs of damage and/or wear. If you see any excessive abrasion or wear on the hose, or the hose has been cut/torn anywhere, you will need to replace it before you use the torch.
- Use a soapy water solution to check all connections and fittings for leaks. **DO NOT USE A MATCH OR OPEN FLAME TO TEST FOR LEAKS.**
- Check your propane cylinders for dents, damage to the collar and valve, or a corroded foot ring. Never use a damaged cylinder. Make sure you know that your propane is a vapor withdrawal fuel and not liquid withdrawal. **ONLY VAPOR-WITHDRAWAL CYLINDERS MAY BE USED WITH THIS TORCH.**
- Light the torch and check the operation of valves and other adjustable parts.

NOTE: When extinguishing the torch, make sure to shut off the propane cylinder valve first, and allow gas to burn out of the lines.

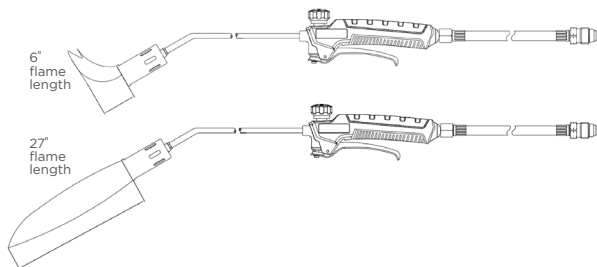
OPERATING INSTRUCTIONS

Connecting the Propane Cylinder:

- 1 Make sure the cylinder valve is fully turned off. Then, remove the protective plastic plug from the cylinder valve outlet connection. This torch should not be used with a propane cylinder tank less than 20 lbs.
- 2 Connect the POL fitting connector on the fuel hose to the propane cylinder by turning the nut counterclockwise.
- 3 Tighten the connection with a wrench.
- 4 Open the cylinder valve slowly. Check all LP-gas connections for leaks using soapy water for leak detection.

Lighting the Torch:

- Close all the valves.
- Open the cylinder valve slowly.
- Open the torch adjusting valve with a 1/8 turn or until gas is heard when the safety trigger is pressed down.
- Ignite the torch by using an igniter such as a flint striker (not included).
- Adjust the torch adjusting valve to control the intensity of the flame.



If gas doesn't flow, then reset the torch. To reset:

- Release the safety lever and close the torch adjusting and cylinder valves.
- Wait 10 to 20 seconds.
- Open cylinder valve slowly. Then, open the torch adjusting valve, press down on the safety trigger, and ignite.

NOTE: If the torch continues not to operate properly, turn off the valves and check that the propane cylinder isn't empty.

Shut off the Torch:

- Release the safety trigger (if needed) to reduce the flame from large to a smaller size.
- Turn the cylinder valve off so no more gas escapes the cylinder. The flame may continue for a short amount of time, but should extinguish quickly.
- Turn the torch adjusting valve to the closed position once flame is no longer visible.

Disconnecting the Propane Cylinder:

- Make sure that the propane cylinder is turned off.
- Disconnect the POL fitting connector from the propane cylinder.
- Place the protective plastic plug back on the cylinder valve outlet connection.

CARE AND MAINTENANCE

- Clean the torch surfaces with soap or detergent/water solutions. Do not use petroleum-based cleaners to clean any components of the torch or the torch body.
- Remove any debris and obstruction from the torch. The torch must be kept clear and free from combustible materials, gasoline, and other flammable vapors and liquids.
- Inspect the supply hose before every use.
- Never attempt to store the torch when it is hot.
- Make sure torch is disconnected from the propane cylinder when storing the torch indoors.
- Do not clean the burner tube immediately after turning the flame off. Put it in a cool, dry location for about 30-45 minutes after use. Make sure it is completely cooled, then clean it.
- Always store the torch and gas cylinders separately. Make sure to read other warnings on the gas cylinder label regarding storage and disposal.

SPECIFICATIONS

- Dimensions: 27.2" x 11.8" x 9.6" (690 x 300 x 245 mm)
- Weight: 4 lbs. (1.8 kg)
- Burner power: 320,000 BTU
- Max flame length: 2' 3" (711.2 mm)
- Continuous burning time: 1 hour



Conforms to UL 147 - 2016
Certified to CGA 2.29 - 1997 (R2014)
Safety Hand-Held Torches for Fuel Gases

LIMITED WARRANTY TO ORIGINAL CONSUMER

This Ivation® Heavy-duty Propane Torch ("Product"), including any accessories included in the original packaging, as supplied and distributed new by an authorized retailer is warranted by C&A Marketing, Inc. (the "Company") to the original consumer purchaser only, against certain defects in material and workmanship ("Warranty") as follows:

To receive Warranty service, the original consumer purchaser must contact the Company or its authorized service provider for problem determination and service procedures. Proof of purchase in the form of a bill of sale or receipted invoice, evidencing that the Product is within the applicable Warranty period(s), MUST be presented to the Company or its authorized service provider in order to obtain the requested service.

Service options, part availability, and response times may vary and may change at any time. In accordance with applicable law, the Company may require that you furnish additional documents and/or comply with registration requirements before receiving warranty service. Please contact our customer service for details on obtaining warranty service:

Email: info@myivation.com

Phone: 1-866-849-3049

Shipping expenses to the Company's Return Facility are not covered by this warranty, and must be paid by the consumer. The consumer likewise bears all risk of loss or further damage to the Product until delivery to said facility. EXCLUSIONS AND LIMITATIONS The Company warrants the Product against defects in materials and workmanship under normal use for a period of **ONE (1) YEAR** from the date of retail purchase by the original end-user purchaser ("Warranty Period"). If a hardware defect arises and a valid claim is received within the Warranty Period, the Company, at its sole option and to the extent permitted by law, will either (1) repair the Product defect at no charge, using new or refurbished replacement parts, (2) exchange the Product with a Product that is new or which has been manufactured from new or serviceable used parts and is at least functionally equivalent to the original device, or (3) refund the purchase price of the Product.

A replacement Product or part thereof shall enjoy the warranty of the original Product for the remainder of the Warranty Period, or ninety (90) days from the date of replacement or repair, whichever provides you longer protection. When a Product or part is exchanged, any replacement item becomes your property, while the replaced item becomes the Company's property. Refunds can only be given if the original Product is returned.

This Warranty does not apply to:

- (a) Any non-Ivation® Heavy-duty Propane Torch product, hardware or software, even if packaged or sold with the Product;
- (b) Damage caused by use with non-Ivation® Heavy-duty Propane Torch products;
- (c) Damage caused by accident, abuse, misuse, flood, fire, earthquake, or other external causes;
- (d) Damage caused by operating the Product outside the permitted or intended uses described by the Company;

- (e) Damage caused by third party services;
- (f) A Product or part that has been modified to alter functionality or capability without the written permission of the Company;
- (g) Consumable parts, such as batteries, fuses, and bulbs;
- (h) Cosmetic damage; or
- (i) If any Ivation® Heavy-duty Propane Torch serial number has been removed or defaced.

This Warranty is valid only in the country where the consumer purchased the Product, and only applies to Products purchased and serviced in that country.

The Company does not warrant that the operation of the Product will be uninterrupted or error-free. The Company is not responsible for damage arising from your failure to follow instructions relating to its use.

NOTWITHSTANDING ANYTHING TO THE CONTRARY AND TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, THE COMPANY PROVIDES THE PRODUCT "AS-IS" AND "AS-AVAILABLE" FOR YOUR CONVENIENCE AND THE COMPANY AND ITS LICENSORS AND SUPPLIERS EXPRESSLY DISCLAIM ALL WARRANTIES AND CONDITIONS, WHETHER EXPRESSED, IMPLIED, OR STATUTORY, INCLUDING THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, TITLE, QUIET ENJOYMENT, ACCURACY, AND NON-INFRINGEMENT OF THIRD-PARTY RIGHTS. THE COMPANY DOES NOT GUARANTEE ANY SPECIFIC RESULTS FROM THE USE OF THE PRODUCT, OR THAT THE COMPANY WILL CONTINUE TO OFFER OR MAKE AVAILABLE THE PRODUCT FOR ANY PARTICULAR LENGTH OF TIME. THE COMPANY FURTHER DISCLAIMS ALL WARRANTIES AFTER THE EXPRESS WARRANTY PERIOD STATED ABOVE.

YOU USE THE PRODUCT AT YOUR OWN DISCRETION AND RISK. YOU WILL BE SOLELY RESPONSIBLE FOR (AND THE COMPANY DISCLAIMS) ANY AND ALL LOSS, LIABILITY, OR DAMAGES RESULTING FROM YOUR USE OF THE PRODUCT. NO ADVICE OR INFORMATION, WHETHER ORAL OR WRITTEN, OBTAINED BY YOU FROM THE COMPANY OR THROUGH ITS AUTHORIZED SERVICE PROVIDERS SHALL CREATE ANY WARRANTY.

IN NO EVENT WILL THE COMPANY'S TOTAL CUMULATIVE LIABILITY ARISING FROM OR RELATED TO THE PRODUCT, WHETHER IN CONTRACT OR TORT OR OTHERWISE EXCEED THE FEES ACTUALLY PAID BY YOU TO THE COMPANY OR ANY OF ITS AUTHORIZED RESELLERS FOR THE PRODUCT AT ISSUE IN THE LAST YEAR FROM YOUR PURCHASE. THIS LIMITATION IS CUMULATIVE AND WILL NOT BE INCREASED BY THE EXISTENCE OF MORE THAN ONE INCIDENT OR CLAIM. THE COMPANY DISCLAIMS ALL LIABILITY OF ANY KIND OF ITS LICENSORS AND SUPPLIERS. IN NO EVENT WILL THE COMPANY OR ITS LICENSORS, MANUFACTURERS, AND SUPPLIERS BE LIABLE FOR ANY INCIDENTAL, DIRECT, INDIRECT, SPECIAL, PUNITIVE, OR CONSEQUENTIAL DAMAGES (SUCH AS, BUT NOT LIMITED TO, DAMAGES FOR LOSS OF PROFITS, BUSINESS, SAVINGS, DATA, OR RECORDS) CAUSED BY THE USE, MISUSE, OR INABILITY TO USE THE PRODUCT.

Nothing in these terms shall attempt to exclude liability that cannot be excluded under applicable law. Some countries, states, or provinces do not allow the exclusion or limitation of incidental or consequential damages or allow limitations on warranties, so certain limitations or exclusions may not apply to you. This warranty gives you specific legal rights, and you may have other rights that vary from state to state or province to province. Contact your authorized retailer to determine if another warranty applies.



GET IN TOUCH!

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