



Hand Warmer Instructions

English USA - en

OUTDOOR

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Fig. 1

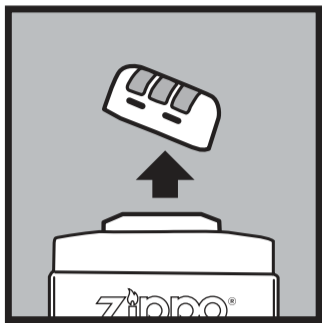


Fig. 2



Fig. 3

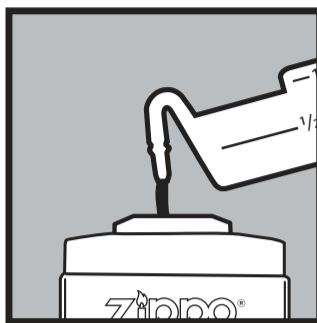
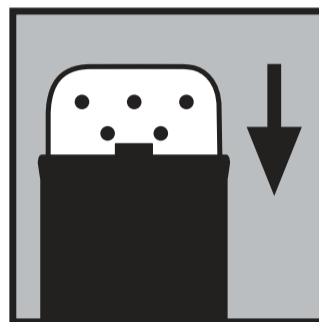


Fig. 4



Fig. 5



Caution!

READ ALL USE INSTRUCTIONS CAREFULLY BEFORE USING. FOLLOW FUEL FILLING INSTRUCTIONS CAREFULLY. DO NOT OVERFILL!

- **HAND WARMER MUST BE FILLED WITH FUEL TO USE. Use Zippo Premium Lighter Fuel or Ronsonol Lighter Fuel only. This is a refillable device. It is intended for multiple uses and instructions must be carefully followed to ensure safe use.**
- **The Hand Warmer can get very hot during use. To avoid burning yourself and others, always keep it in the supplied protective fabric bag. If it is still too hot, wrap it in an additional piece of cloth. When removed from supplied protective fabric bag the Hand Warmer will get very hot until fuel is consumed. DO NOT TOUCH.**
- **Do not take the warmer out of the supplied protective fabric bag or touch the burner when it is hot. Further instructions and a how to use video can be seen on www.zippo.com. If you need further instruction, call Zippo Consumer Relations at 814-368-2700.**

To avoid a low temperature burn of the skin, do not allow the warmer to remain on only one area of your body. Change its position frequently. Do not use while sleeping. Low-temperature burn is a burn caused by long time contact with a heat source having a temperature higher than body temperature but not high enough to cause immediate burning. Symptoms can include red spots or blisters on the skin. It may occur without you being aware of it.

Children, the elderly, the handicapped, and those unable to remove the Hand Warmer by themselves should be supervised when using this product. Remove Hand Warmer immediately from the skin if it becomes uncomfortably hot. If used incorrectly or out of the supplied protective fabric bag, higher temperatures will occur, which can cause burns and permanent scarring. FOR EXTERNAL USE ONLY.

Do not put lighter fluid directly on burner to ignite. Do not overfill.

Do not allow fuel of Hand Warmer to contact eyes or mouth. Consult a physician if fuel is swallowed. Do not induce vomiting.

How to fill

1. Make sure Hand Warmer is cool to touch. Remove Hand Warmer lid, then remove the catalytic burner unit from the base unit by holding it lengthwise (upright with Zippo logo). (Burner unit may have a tight fit.) See Figure 1.
2. Pour Zippo Lighter Fluid into the plastic filling cup. Do not spill. See Figure 2.
 - Fill to lower line for about 6 hours of heat.
 - Fill to upper line for about 12 hours of heat.
 - Do not fill beyond the upper line.
3. Then carefully and slowly pour contents of filling cup into the white absorbent material (cotton-like) through the catalytic burner openings on the Hand Warmer body, while maintaining the Hand Warmer in an upright position. See Figure 3. Do not overfill. Overfilling will cause malfunction, risk of injury and fire.
4. If filler nozzle pushes the white absorbent material down during filling, use toothpick or similar tool to fluff material up to top of hand warmer body.
5. Keep the Hand Warmer upright and carefully replace the catalytic burner unit, making sure it is fully seated.
6. Carefully wipe off any excess lighter fluid from the Hand Warmer surfaces and allow excess fuel to evaporate before igniting.
7. Be sure fuel can is closed and there is no spilled fuel in the vicinity before igniting. Fuel is flammable.
8. Allow Hand Warmer to rest in the upright position for at least two minutes before igniting to allow fuel to be fully distributed in the absorbent material and become available to the catalytic burner.

9. **Do not lay Hand Warmer down after filling and before ignition.** If laid down, liquid fuel can get into the catalytic burner, which may cause a flame to occur upon ignition. If a visible flame develops, it must be put out. Usually, any flame can be easily blown out but use extreme care and caution. If necessary, place hand warmer on fire proof surface and allow the flame to burn out or be extinguished in a safe manner.
10. **Hand Warmer may not operate for as long as stated following initial filling and ignition due to break-in process of catalytic burner and absorbent material.**

How to ignite

- A. With the lid off the Hand Warmer, hold the base unit upright with one hand and apply flame to the catalytic burner for approximately 10 seconds using the other hand. See Figure 4. Ignition upon first use after initial filling could take longer than expected and require application of flame more than one time. Flame can come from a Zippo lighter, utility lighter or a match. Follow lighting appliance use instructions. Keep hands and clothing away from any flame. The Hand Warmer heats by a catalytic process. There is no flame present after ignition. Presence of flame upon ignition indicates over filling. Put flame out and allow excess fuel to evaporate before attempting re-ignition.
- B. After flameless ignition has been confirmed, replace Hand Warmer lid, then place warmer into the provided supplied protective fabric bag. See figure 5. The Hand Warmer must always be placed in the supplied protective fabric bag to prevent over-heating. Your Zippo Hand Warmer will now provide comfortable warmth for hours. After ignition, heat is provided by a catalytic process without flame.
- C. Once ignited there is no safe way to stop the heating action. If necessary, place the Hand Warmer in the supplied protective fabric bag and place on a fireproof surface until the fuel is exhausted and the Hand Warmer is cool to the touch.

Catalytic burner is expendable. Burner lasts for many uses depending on how it is used and duration of use. Replace periodically. It is not warranted.

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- **The Hand Warmer can get very hot during use. To avoid burning yourself and others, always keep it in the supplied protective fabric bag. If it is still too hot, wrap it in an additional piece of cloth. When removed from supplied protective fabric bag the Hand Warmer will get very hot until fuel is consumed. DO NOT TOUCH.**

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How to fill



Fig. 1



Fig. 2



Fig. 3



Fig. 4

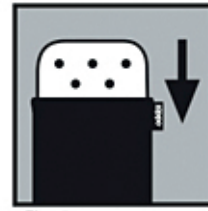


Fig. 5

1. Make sure Hand Warmer is cool to touch. Remove Hand Warmer lid, then remove the catalytic burner unit from the base unit by holding it lengthwise (upright with Zippo logo). Burner unit may have a tight fit. See Figure 1.
2. Pour Zippo Lighter Fluid into the appropriate 6 or 12 hour plastic filling cup provided in the package. Do not spill. See Figure 2.
 - For 6-Hour Warmers: Fill to line for about 6 hours of heat.
 - For 12-Hour Warmers: Fill to line for about 12 hours of heat.
 - Do not fill cup above the line.
3. Then carefully and slowly pour contents of filling cup into the filling hole on the Hand Warmer body, while maintaining the Hand Warmer in an upright position. See Figure 3. Do not overfill. Overfilling will cause malfunction, risk of injury and fire.
4. Keep the Hand Warmer upright and carefully replace the catalytic burner unit, making sure it is fully seated.
5. Carefully wipe off any excess fuel from the Hand Warmer surfaces and allow excess fuel to evaporate before igniting.
6. Be sure fuel can is closed and there is no spilled fuel in the vicinity before igniting. Fuel is flammable.
7. Allow Hand Warmer to rest in the upright position for at least two minutes before igniting to allow fuel to be fully distributed in the absorbent material and become available to the catalytic burner.
8. **Do not lay Hand Warmer down after filling and before ignition.** If laid down, liquid fuel can get into the catalytic burner, which may cause a flame to occur upon ignition. If a visible flame develops, it must be put out. Usually, any flame can be easily blown out but use extreme care and caution. If necessary, place hand warmer on fire proof surface and allow the flame to burn out or be extinguished in a safe manner.
9. **Hand Warmer may not operate for as long as stated following initial filling and ignition due to break-in process of catalytic burner and absorbent material.**

How to ignite

- A. With the lid off the Hand Warmer, hold the base unit upright with one hand and apply flame to the catalytic burner unit for approximately 10 seconds using the other hand. See Figure 4. Ignition upon first use after initial filling could take longer than expected and require application of flame more than one time. Flame can come from a Zippo lighter, utility lighter or a match. Follow lighting appliance use instructions. Keep hands and clothing away from any flame. The Hand Warmer heats by a catalytic process. There is no flame present

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