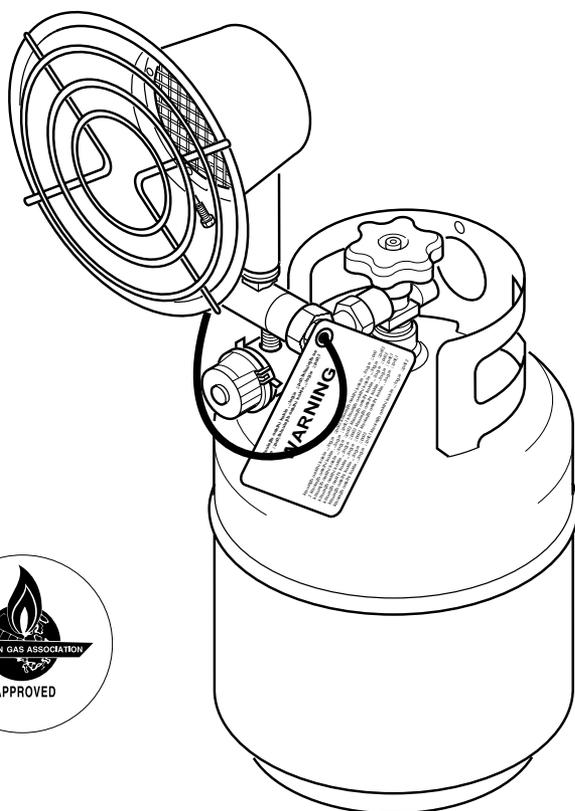


---

# Portable Infra-Red Camp Heater Owner's Manual Model CHD12B



**Heater Size: 8,000 – 12,000 BTU/Hr**

---

---

---

## Safety Information

### WARNINGS

Read and understand this manual before using this heater. Improper use of this heater can cause serious injury. Do not allow anyone who has not read this manual to operate this heater. Keep this manual for reference. It is your guide to safe and proper operation of this heater.

1. For outdoor use only. Do not use inside house, camper, tent, vehicle, or any type of unvented or enclosed area.
2. Use heater in areas free from open flames, combustible vapors, and dust.
3. Never operate heater while sleeping or unattended.
4. Minimum heater clearances from combustibles: Top, Front, and Sides: 3 Ft.
5. This heater consumes air. Provide a fresh air opening of at least 12 square inches.
6. Use only propane gas set up for vapor withdrawal.
7. Before each use, check heater for leaks. Never use an open flame to check for a leak. Apply a mixture of liquid soap and water to all joints. Bubbles forming show a leak. Correct all leaks at once.
8. Locate propane tank on a stable and level surface. The heater burner must be at least 24 inches above the floor. Always attach heater to propane tank in an upright position. Never operate heater on its side or attach to propane tank in a horizontal position. This could lead to dangerous flare-ups or fire.
9. Keep children and animals away from heater.
10. Do not use heater below ground level. Propane is heavier than air. If a leak occurs, propane gas will sink to the lowest possible level. If you smell gas or suspect a leak, shut off the propane tank valve at once and ventilate the area. Do not strike a match or create any flame or electric spark. Find and correct the leak before attempting to light any appliance. If you cannot correct leak, do not tamper with heater. Return heater to nearest authorized service center or to address on back page of this manual, freight prepaid.
11. Do not move or handle a hot or operating heater. Do not attach or remove a hot or operating heater from the propane tank. Severe burns may result.
12. Always remove heater from propane tank after each use. Always store propane tank outdoors. Never store propane tank in an enclosed area. Never store propane tank near high heat, open flame, or where temperatures exceed 120° F.

---

---

## Connecting Heater To Propane Tank

Read and understand all safety information before connecting heater to propane tank.

1. **WARNING: Make sure there is no open flame in the area.** Make sure heater regulator knob is in the "OFF" position.
2. Keep all connections and fittings clean. Make sure the propane tank valve outlet is clean. Check the rubber "O" ring on the heater inlet fuel connector for damage before each use. Replace if worn or damaged.
3. Wrench tighten the fuel connector nut into the propane tank valve (see Figure 1). Turn fuel connector nut counterclockwise to tighten. Threads are left-handed. **WARNING: Attach heater in upright position as shown in Figure 1. Never attach heater in a horizontal position. This could lead to dangerous flare-ups or fire.**
4. Open propane tank valve on propane tank slowly.
5. Check all fittings for leaks. Apply a mixture of liquid soap and water to all joints. Bubbles forming show a leak. Correct all leaks at once. **WARNING: Never use an open flame to check for a leak.**

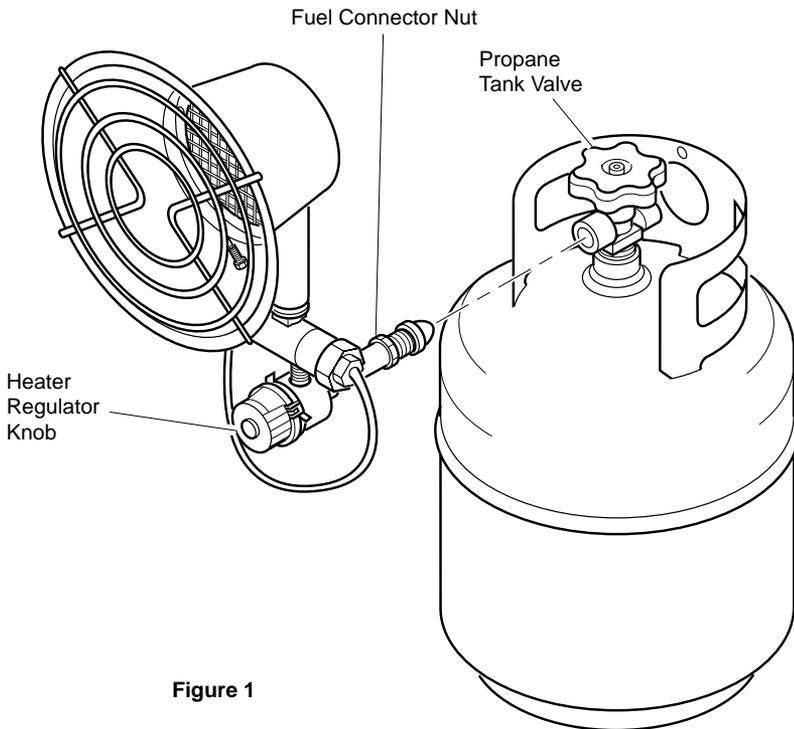


Figure 1

# Lighting Heater

Read and understand all safety information before operating heater.

1. **WARNING: Make sure there is no open flame in the area.** Fully open the propane tank valve.
  2. Turn the heater regulator knob counterclockwise to the "HI" position.
  3. **WARNING: Stand to the side of the heater while lighting. Do not stand or have any part of your body in front of heater while lighting.** Locate ignition hole in underside of burner (see Figure 3). Hold a lit match under ignition hole.
- CAUTION: Do not insert match into air inlet holes in mixing tube.** Push in the safety shutoff valve plunger (see Figure 3). **WARNING: Do not push in safety shutoff valve plunger before inserting lit match.** Burner should light. Mesh screen on burner glows red when lit. After burner is lit, continue holding in safety shutoff valve plunger for 10 to 30 seconds until heater stays lit.
4. If the burner does not light within 30 seconds, turn the regulator knob to the "OFF" position. Wait at least two minutes for the gas to dissipate before relighting.
  5. If heater will not light after repeated tries, do not attempt to repair heater. Return heater to nearest authorized service center or to address on back page of this manual, freight prepaid.
  6. After heater stays lit, turn the heater regulator knob to the desired heat setting (LOW, MED, or HI).

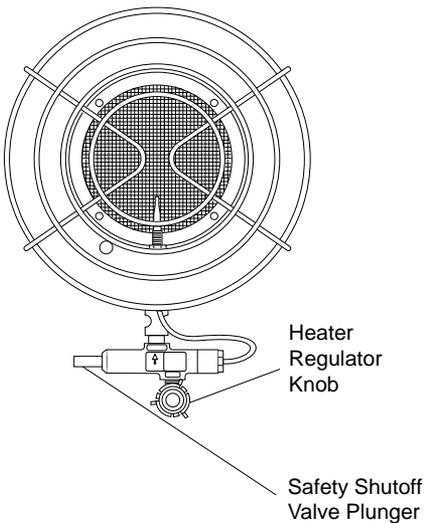


Figure 2

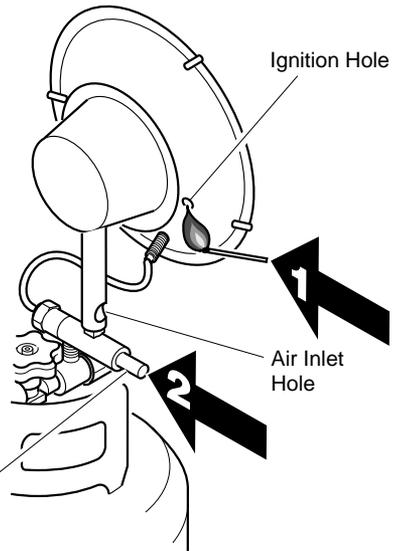


Figure 3

## To Turn Off Heater

1. Tightly close propane tank valve by turning clockwise.
2. Turn the heater regulator knob to the "OFF" position. Wait at least 15 minutes for the heater to cool before handling heater.

---

---

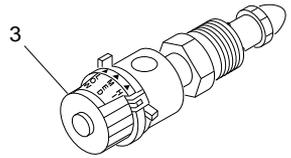
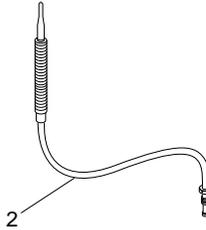
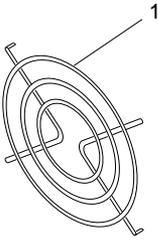
## Technical Service and Replacement Parts

For further questions about your heater, call DESA Industries at 905-826-8010.

**Replacement Parts:** Contact authorized dealers of this product. If they can't supply original replacement parts, call DESA Industries at 905-826-8010.

### Replacement Parts

<u>Item</u>	<u>Description</u>	<u>Part Number</u>
1	Burner Guard	100911-01
2	Thermocouple	100886-01
3	Regulator with Fuel Gas Connector	100910-01
4	Owner's Manual (not shown)	101835-01
5	Warning Plate (not shown)	101834-01



### Heater Information

#### BTU Output

HI	12,000 BTU/Hr
MED	10,000 BTU/Hr
LOW	8,000 BTU/Hr

#### Length of Operation

20 lb. Propane Tank	36 hours
---------------------	----------

## Warranty Information

### Propane Infra-Red Camp Heater Limited Warranty

DESA Industries warrants this product and any parts thereof, to be free from defects in materials and workmanship for one (1) year from the date of first purchase when operated and maintained in accordance with instructions. This warranty is extended only to the original retail purchaser, when proof of purchase is provided.

This warranty covers only the cost of parts and labor required to restore the product to proper operating condition. Transportation and incidental costs associated with warranty repairs are not reimbursable under this warranty.

Warranty service is available only through authorized dealers and service centers.

This warranty does not cover defects resulting from misuse, abuse, negligence, accidents, lack of proper maintenance, normal wear, alteration, modification, tampering, contaminated fuels, repair using improper parts, or repair by anyone other than an authorized dealer or service center. Routine maintenance is the responsibility of the owner.

THIS EXPRESS WARRANTY IS GIVEN IN LIEU OF ANY OTHER WARRANTY EITHER EXPRESSED OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

DESA Industries assumes no responsibility for indirect, incidental or consequential damages. Some provinces do not allow the exclusion or limitation of incidental or consequential damages. These limitations or exclusions may not apply to you. This Limited Warranty gives you specific legal rights and you may also have other rights which vary from province to province.

**DESA**  
**Industries of Canada, Inc.**  
2220 Argentia Road  
Unit #4  
Mississauga, Ontario  
L5N 2K7  
905-826-8010  
FAX 905-826-8236

101835-01  
Rev. A  
04/95