

PROPANE TANK TOP HEATER

CONNECTING HEATER TO PROPANE TANK

FIGURE 2

TT30 SERIES

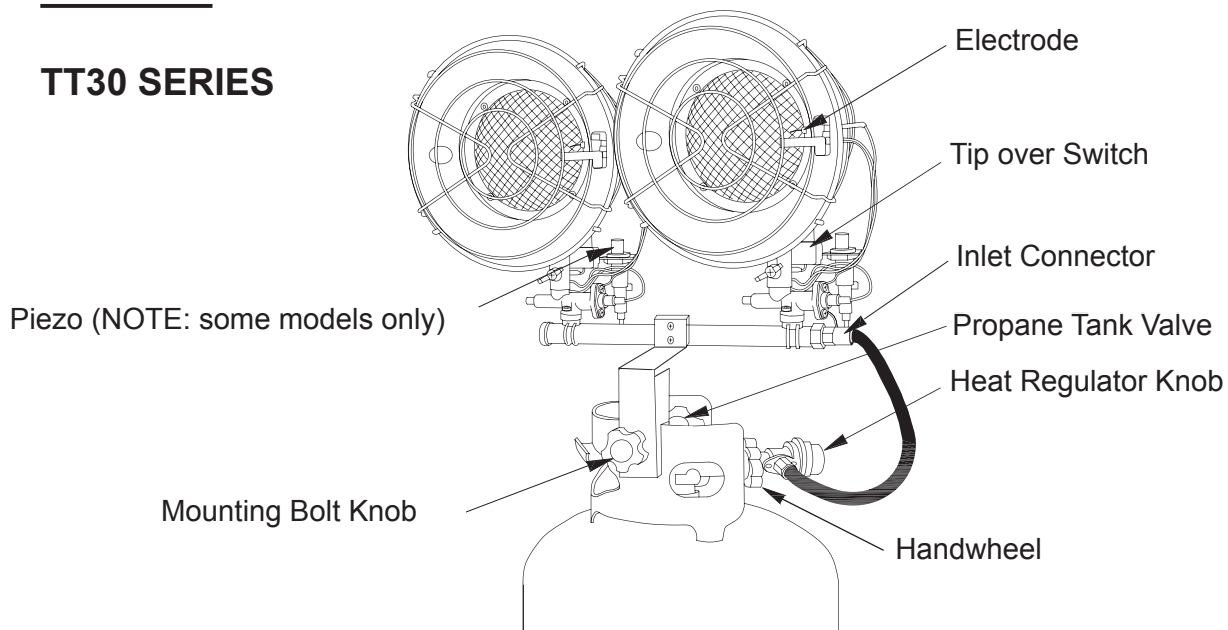
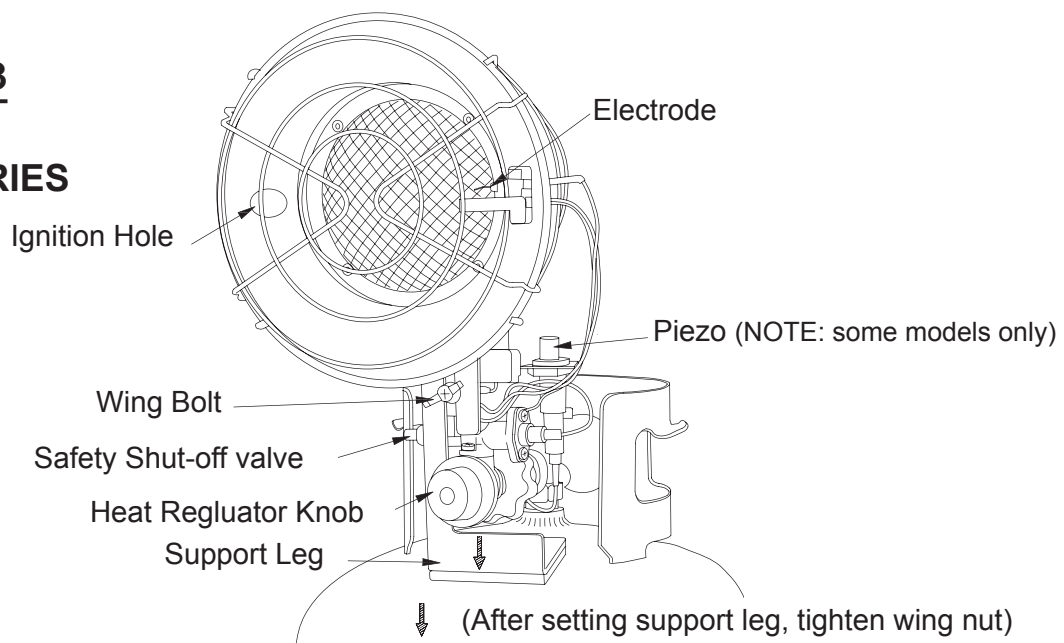


FIGURE 3

TT15 SERIES



**NEVER LEAVE THE HEATER
UNATTENDED WHILE BURNING!**

PROPANE TANK TOP HEATER

CHECKING FOR LEAKS

Check all gas connections with a 50/50 soap and water solution to be sure they are tight and leak proof. The formation of bubbles indicate a gas leak. Correct all leaks before using the heater.

- The installation of your heater must meet all local codes and/or gas utility requirements or, in the absence of local codes, with the Storage and Handling of Liquefied Petroleum Gases, ANSI/NFPA 58 and the Natural and Propane Installation Code, CSA B149.1.
- The minimum clearances to combustible construction: Side and Rear- 36" (91cm); Top - 36" (91cm); Front - 60" (150cm); Floor - combustible, must be maintained at all times. Not for use on finished floors.
- The hose assembly should be visually inspected prior to each use of the heater. If it is evident that there is excessive abrasion or wear, or the hose is cut, it must be replaced prior to the heater being put into operation.
- The replacement hose assembly shall be that specified by the manufacturer.



WARNING: Never use an open flame to check for leaks.

OPERATION - LIGHTING INSTRUCTIONS WHEN USING MATCH

Read and understand all safety information before operating heater.



WARNING: Burner and Burner Guard should always face away from propane tank shut-off and regulator.



WARNING: Improper installation, alteration, service or maintenance can cause property damage, injury or death. Read the installation, operating and maintenance instructions thoroughly before installing or servicing this equipment.



WARNING: Do not cover air inlet holes in mixing tube.



WARNING: Make sure there is no open flame in the area. Fully open the propane tank valve.

**NEVER LEAVE THE HEATER
UNATTENDED WHILE BURNING!**

PROPANE TANK TOP HEATER

LIGHTING INSTRUCTIONS WHEN USING MATCH (CONTINUED)

1. Open Cylinder valve by turning counterclockwise ↺.

2. Turn heater regulator knob clockwise ↻ to the "High" (●●●) position. (Fig. 4)



WARNING: Stand to the side of unit while lighting. Do not stand or have any part of your body over or in front of heater while lighting.

3. Do not attempt to light one burner off of the other. Use one match per burner. Locate ignition hole in side of burner. (Fig. 5) Insert a lit match through ignition hole.



CAUTION: Do not insert match into air inlet holes in mixing tube.

4. Push in the safety shut-off valve plunger (Fig. 5)



WARNING: Do not push in safety shut-off valve plunger before inserting lit match.

5. Once the burner is lit, continue to depress the valve plunger for 30 seconds and then release. Be careful not to shake the heater when releasing the plunger.
6. If the burner does not light within 10 seconds, turn regulator knob to the "OFF" (○) position. Wait at least five (5) minutes for the gas to dissipate before relighting.
7. If heater will not light after repeated tries, do not attempt to repair heater. Return heater to nearest authorized service center or to the address on back of this manual, freight prepaid.
8. After burner lights, turn the heater regulator knob to the desired heat setting "LOW" (●), "MED" (●●), or "HIGH" (●●●).
9. For dual burner models only : Light both burners when maximum heat is needed. Use one burner to conserve fuel. Repeat steps to light second burner.

FIGURE 4

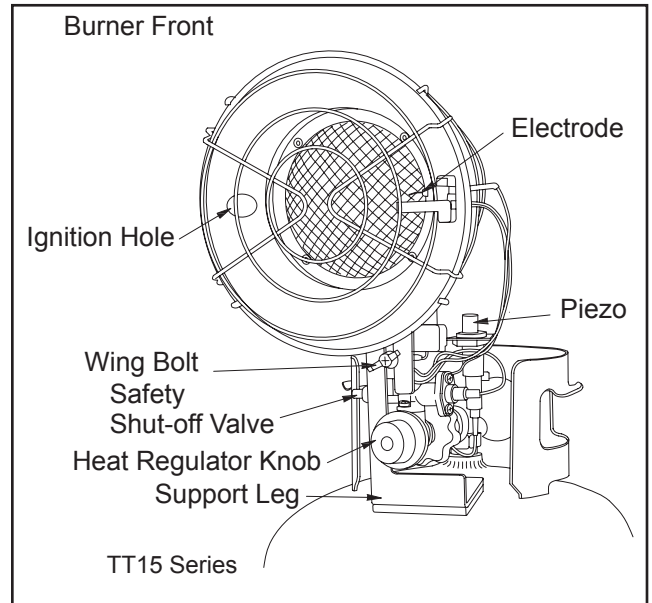
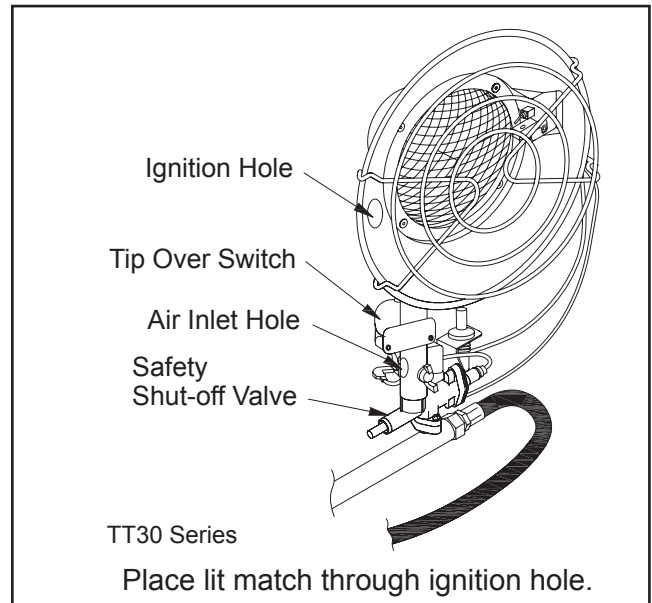



FIGURE 5



**NEVER LEAVE THE HEATER
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PROPANE TANK TOP HEATER

TURNING OFF THE HEATER

1. Tightly close propane tank valve by turning fully clockwise .
2. Turn the heater regulator knob to the "OFF" (○) position. Wait at least 30 minutes for the heater to cool before handling heater.
3. Always remove the heater from the propane tank after each use and store indoors. Do not store heater while attached to propane tank. Do not store propane cylinders in a building, garage or any other enclosed area.

VENTILATION

Always be sure to supply proper ventilation while operating this heater.
Provide a minimum of 1/2 square foot opening for fresh air supply for 15,000 BTU's of heat and one square foot opening for 30,000 BTU's of heat.

OPERATION - LIGHTING INSTRUCTIONS FOR PIEZO IGNITION MODELS

Read and understand all safety information before operating heater.



WARNING: Burner and Burner Guard should always face away from propane tank shut-off and regulator.



WARNING: Improper installation, alteration, service or maintenance can cause property damage, injury or death. Read the installation, operating and maintenance instructions thoroughly before installing or servicing this equipment.



WARNING: Do not cover air inlet holes in mixing tube.



WARNING: Make sure there is no open flame in the area.
Fully open the propane tank valve.

**NEVER LEAVE THE HEATER
UNATTENDED WHILE BURNING!**

PROPANE TANK TOP HEATER

LIGHTING INSTRUCTIONS FOR PIEZO IGNITION MODELS (CONTINUED)

1. Stop! Read all safety information first.
2. Open cylinder valve by turning counterclockwise ↺.



WARNING: Stand to the side of unit while lighting. Do not stand or have any part of your body over or in front of heater while lighting.

3. Turn heater regulator knob counterclockwise ↺ to “OFF” (○) position.
4. Wait five (5) minutes to clear out any gas. Then smell for gas, including near the floor. If you smell gas, STOP! Follow the safety information on the tag attached to the heater. If you do not smell gas, go to the next step.
5. Turn heater regulator knob clockwise ↻ to “High” (●●●) position. Press in safety shut-off valve plunger. (Fig. 5)
6. With safety shut-off valve plunger pressed in, immediately push down and release piezo ignitor button repeatedly. This will light the burner.
7. **Once the burner is lit, continue to depress the valve plunger for 30 seconds and then release. Be careful not to shake the heater when releasing the plunger.**
8. If burner goes out, repeat steps 5 through 7 or use a match. If heater will not light after repeated attempts do not attempt to repair heater.
9. When burner is lit, turn heater regulator knob to desired heat setting “LOW” (●), “MED” (●●), or “HIGH” (●●●).
10. On dual burner models light both burners when maximum heat is needed.
Use one burner to conserve fuel.

TURNING OFF THE HEATER

1. Tightly close propane tank valve by fully turning clockwise ↻.
2. Turn the heater regulator knob to the “OFF” (○) position. Wait at least 30 minutes for the heater to cool before handling heater.
3. Always remove the heater from the propane tank after each use and store indoors. Do not store heater while attached to propane tank. Do not store propane cylinders in a building, garage or any other enclosed area.

VENTILATION

Always be sure to supply proper ventilation while operating this heater.
Provide a minimum of 1/2 square foot opening for fresh air supply for 15,000 BTU's of heat and one square foot opening for 30,000 BTU's of heat.

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LIGHTING UNDER WIND CONDITIONS

When using this heater outdoors on a windy day, it will be necessary to use a match or long stem butane lighter to ignite the burner. It may be difficult to keep the match lit long enough under windy conditions. Follow the “Lighting instructions when Using a Match” procedure after doing the following:

1. Position the heater and cylinder such that the burner faces away from the wind.
2. Position your body behind the heater such that your body blocks the wind while you are following the instructions for lighting with a match.

STORAGE

Never store a Propane gas tank inside a building or in the vicinity of any gas or oil burning appliance. Always remove the heater from the propane tank after each use and store indoors. Do not store heater while attached to propane tank. Do not store propane cylinders in a building, garage or any other enclosed area. The tank must be disconnected and stored outdoors in a well ventilated area out of reach of children, in accordance with the standard for the the Storage and Handling of Liquefied Petroleum Gases, ANSI / NFPA 58 and CSA B149.1, Natural Gas and Propane Installation Code. The plastic tank valve plug supplied with your tank must be tightly installed when the tank is disconnected from the heater.

MAINTENANCE INSTRUCTIONS

1. Turn unit off, allow heater to fully cool and disconnect propane hose before performing any Maintenance functions.
2. Keep unit clean and keep the inside of the unit debris free.
3. Have unit checked by a qualified technician at least once a year, preferably prior to the heating season.

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