

VIVOHOME

# THANK YOU!

## NOTE:

To continuously improve its products, VIVOHOME reserves the right to modify this information without prior notification.

For any questions regarding assembly, please watch the video on the product page or contact our customer service. Our customer service will gladly assist you with any additional questions, comments, or concerns.

Thank you for using VIVOHOME products in your home!

Thank You for Purchasing from

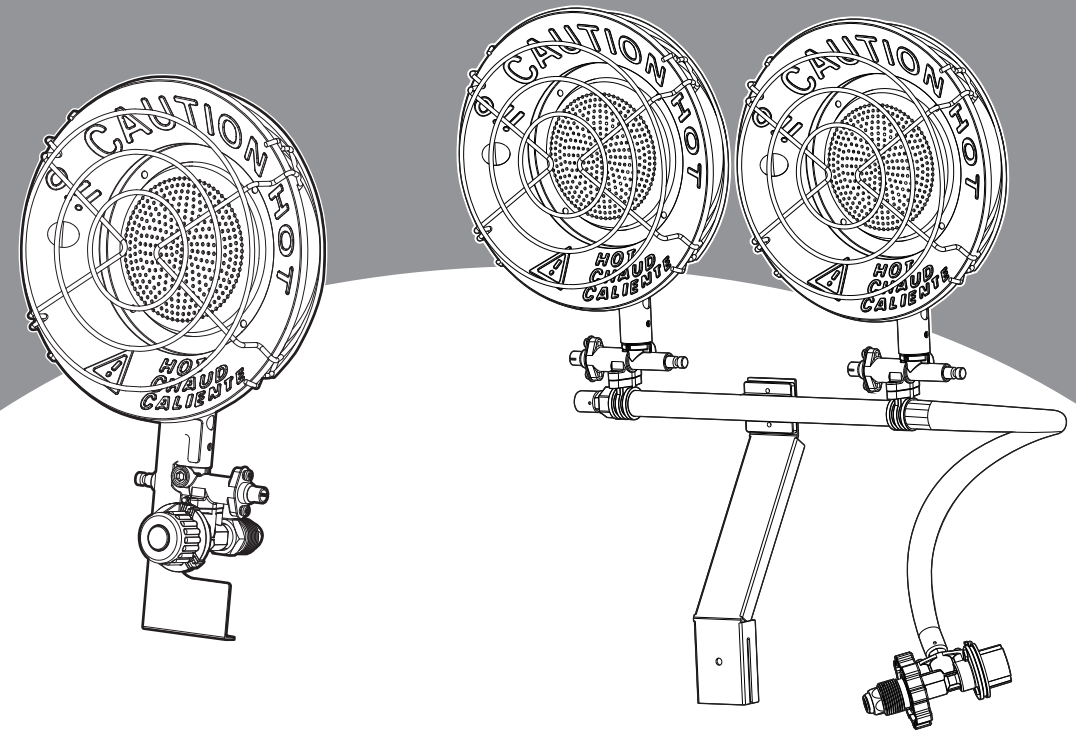
VIVOHOME

Made in China

VIVOHOME

# HOW-TO

## USER MANUAL



## Propane Tank Top Heater

Assembly is EASY!

WE WANT  
YOU TO  
ENJOY LIFE  
AT HOME

GO TO THE PRODUCT LISTING PAGE  
FOR AN INSTRUCTIONAL VIDEO!

SECTION A  
**Warning**



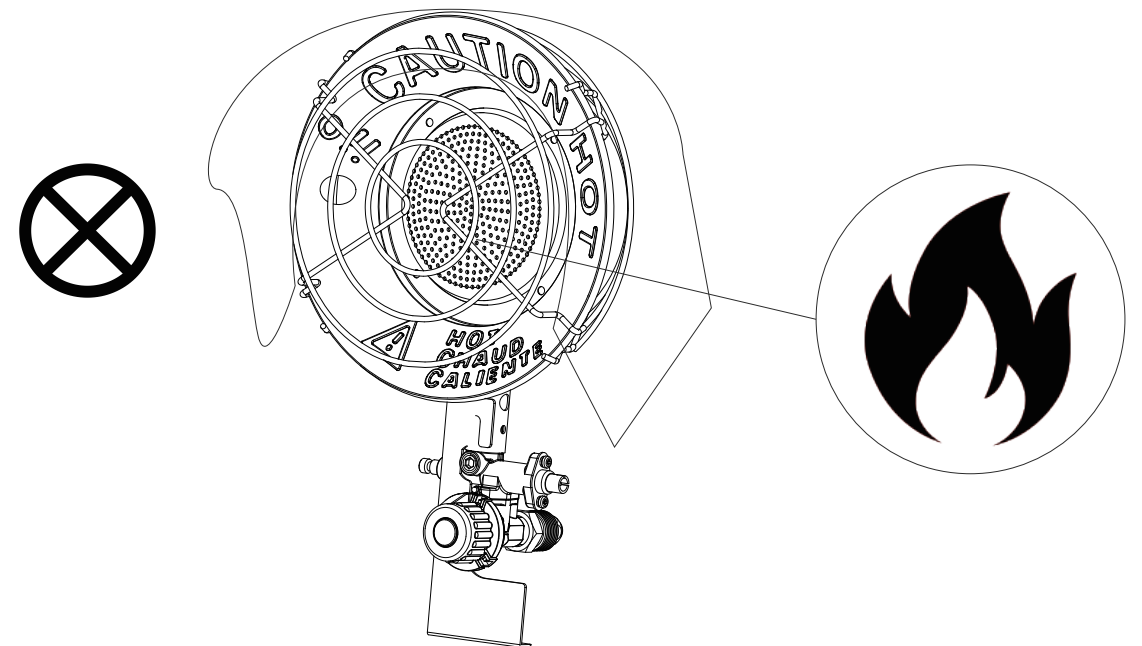
**WARNING**

NOT FOR HOME OR RECREATIONAL VEHICLE USE.

YOUR SAFETY IS IMPORTANT TO YOU AND TO OTHERS, SO PLEASE READ THESE INSTRUCTIONS BEFORE OPERATING THIS HEATER.

**GENERAL HAZARD WARNING**

FAILURE TO COMPLY WITH THE PRECAUTIONS AND INSTRUCTIONS PROVIDED WITH THIS HEATER CAN RESULT IN DEATH, SERIOUS BODILY INJURY, PROPERTY LOSS OR DAMAGE FROM THE HAZARDS OF FIRE, EXPLOSION, BURN, ASPHYXIATION, CARBON MONOXIDE POISONING, AND/OR ELECTRICAL SHOCK. ONLY PERSONS WHO CAN UNDERSTAND AND FOLLOW THE INSTRUCTIONS SHOULD USE OR SERVICE THIS HEATER. IF YOU NEED ASSISTANCE OR HEATER INFORMATION SUCH AS AN INSTRUCTION MANUAL, LABELS, ETC., CONTACT US.



# Important Safety Information

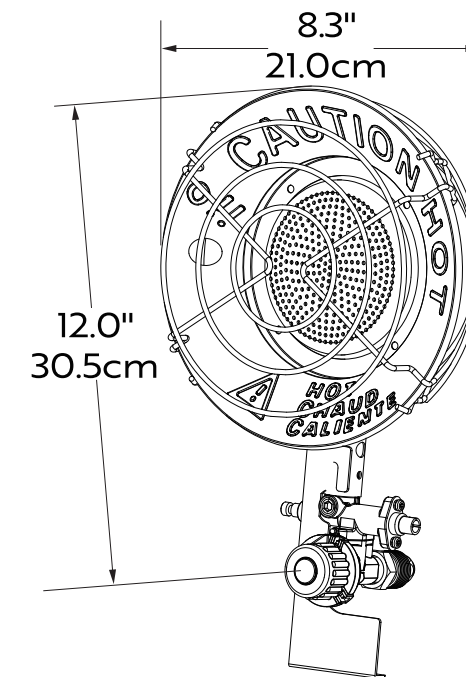
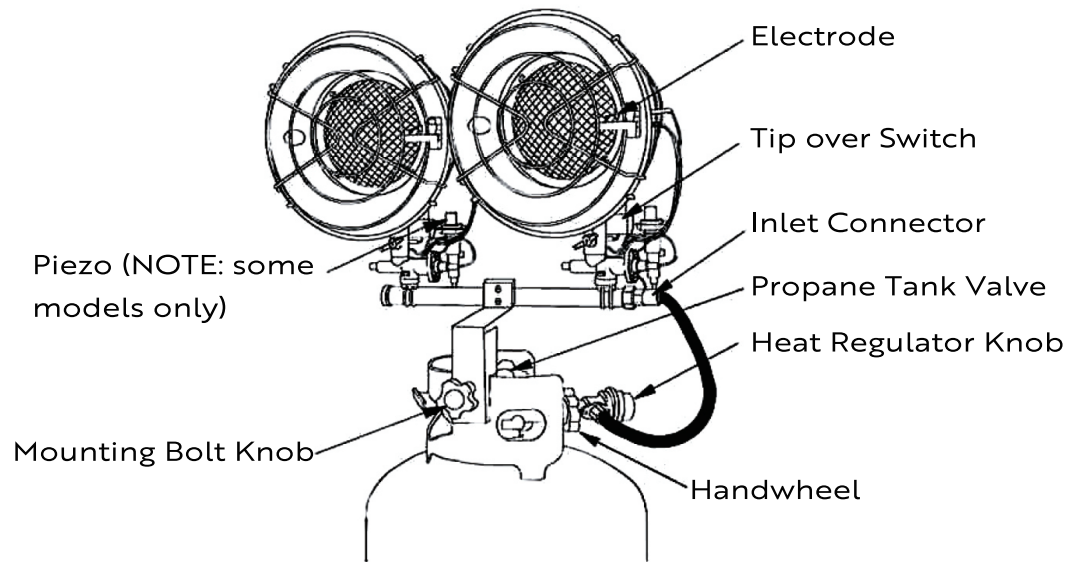


- At all times when the heater is operating, children should be carefully supervised, when they are in the area.
- Always maintain proper clearance from combustible materials.  
Minimum clearance from combustibles:  
Side & Rear: 36" (91cm);  
Top: 36" (91cm);  
Front: 60" (152cm);  
Floor: 0" when installed on 20 lbs cylinder;  
**Note: Not for use on finished floor.**
- Heater must be placed on level and stable surface.  
Never place anything including clothes or other flammable items on the heater.
- The area around the appliance shall be kept clear and free from combustible materials, gasoline and other flammable vapours and liquids.
- Do not modify or operate a heater which has been modified.
- Adequate clearance for accessibility and for combustion & ventilation air supply must be maintained.
- Service and repair should be done by a qualified service person. The heater should be inspected before each use and at least annually by a qualified person. More frequent cleaning may be required as necessary, Do not service while hot or operating.
- Never connect heater to an unregulated gas supply.

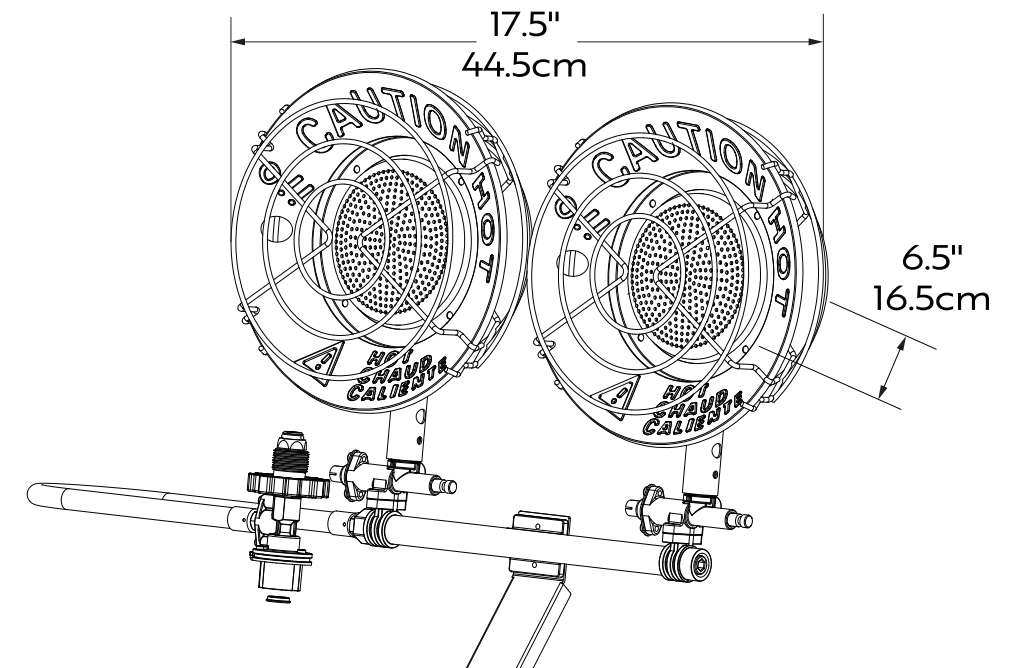
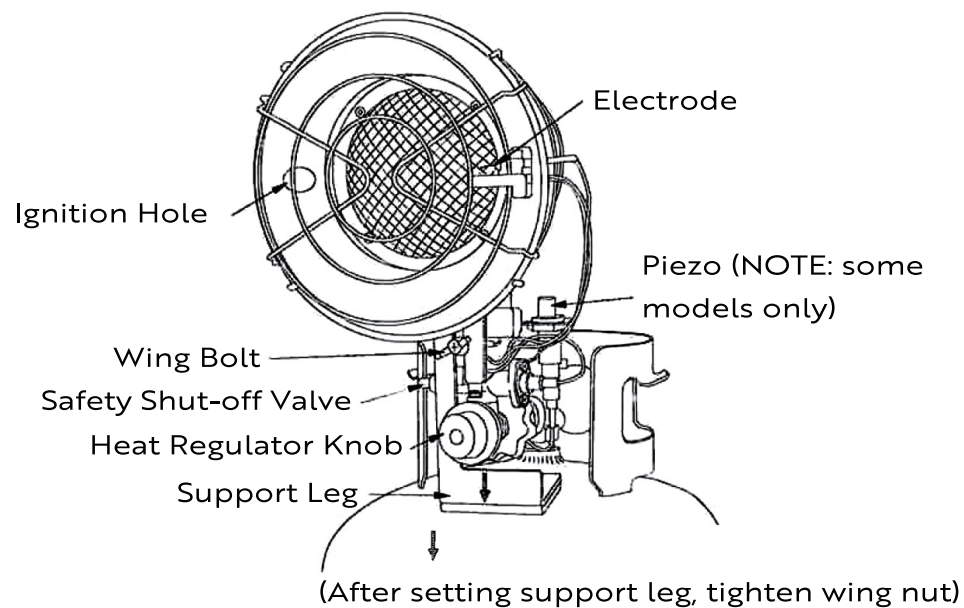
- The heater is configured for use with liquid propane (LP) gas only. Do not convert the heater to use any other type of gas. Installation must conform to local codes or, in the absence of local codes, to the standards for the Storage and Handling of Liquefied Petroleum Gases ANSI/NFPA 58 and the Natural Gas and Propane Installation Code CSA B149.1.
- The minimum and maximum inlet pressures to the regulator from the gas tank are 17.5 PSI and bottle pressure, respectively. Use only the regulator & hose assembly provided with the heater inspect the regulator/hose assembly prior to each use of the heater. If there is excessive abrasion or wear, or if the hose is cut, replace it with regulator/hose assembly prior to using this heater.
- Gas supply connections should be checked using a 50/50 solution of liquid dish soap and never use a flame to check for gas leaks.
- Do not restrict inlet or outlet by any means. The flow of combustion and ventilation air must not be obstructed.
- The propane cylinder supply system must be arranged to provide vapor withdrawal from the operating cylinder.



## DOUBLE PROPANE TANK TOP HEATER



## SINGLE PROPANE TANK TOP HEATER



## General Information



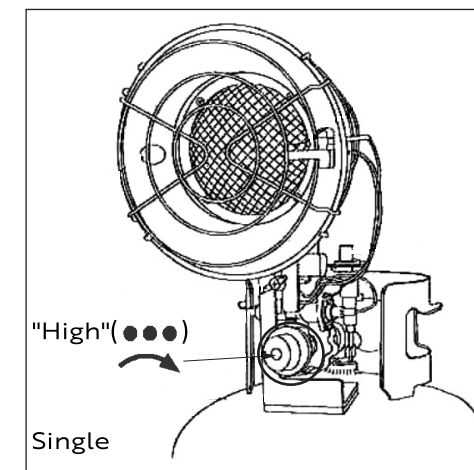
- The MHS15T and the MHS3OT are high pressure propane appliances and are designed to be connected to a bulk propane tank.
- These heaters are equipped with an automatic Safety Shut-off Valve. The gas flow will automatically stop if the heater fails to operate for any reason.
- Maximum safety and convenience have been built into the Hi-Med-Lo-Off Control Valve/Regulator. The following table lists the approximate BTU's consumed and the operating hours you can reasonably expect from bulk propane cylinders.
- These heaters are intended for temporary heating of buildings under construction, alterations, or repairs.

| Valve Position | Model     |                    |           |                    |
|----------------|-----------|--------------------|-----------|--------------------|
|                | Single    |                    | Double    |                    |
|                | BTU Input | Hours w/20lb. Tank | BTU Input | Hours w/20lb. Tank |
| Hi(●●●)        | 15,000    | 28                 | 30,000    | 14                 |
| Med(●●)        | 13,000    | 33                 | 26,000    | 16.5               |
| Lo(●)          | 11,000    | 36                 | 22,000    | 18                 |

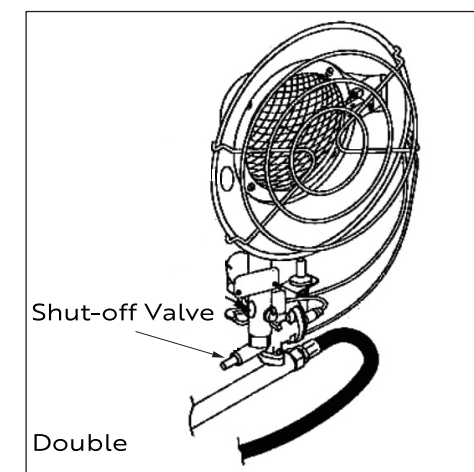
## Usage Instructions



1. Open cylinder valve by turning counterclockwise ↺.
2. Turn heater regulator knob clockwise ↻ to the "High"(●●●) position. (PIC.1)
3. Do not attempt to light one burner from another. Use one match per burner. Locate the ignition hole on the side of the burner and insert a lit match through it.
4. Press the safety shut-off valve plunger. (PIC.2)
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 the burner does not light within 10 seconds, turn the regulator knob to the "OFF"(0) position. Wait at least 5 minutes for the gas to dissipate before relighting.
7. After burner lights, turn the heater regulator knob to the desired heat setting: "LOW" (● ), "MED"(●● ), or "HIGH"( ●●●).
8. For model MHS3OT only: Light both burners when maximum heat is needed. Use one burner to conserve fuel. Repeat the steps to light the second burner.



PIC.1



PIC.2

# Assembly and Hook-up Information

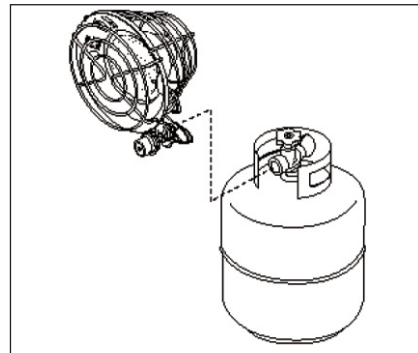


1. Use only vapor withdrawal LP gas cylinders constructed for use with propane only (HD-5) and marked in accordance with the specifications for LP gas cylinders of the U.S. Department of Transportation.
2. This heater must be used only with a vapor withdrawal LP gas bulk tank equipped with a standard POL valve. Do not use this heater with bulk tanks greater than 20 pounds LPG capacity (50 pounds water capacity).

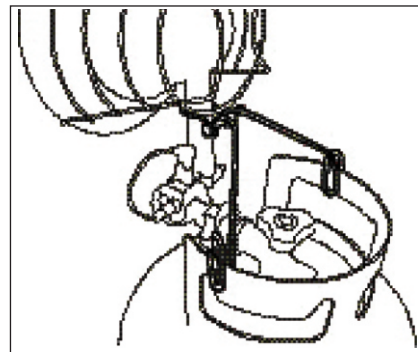
## MHS15T Single Burner Model

Make sure the heater is facing away from tank.

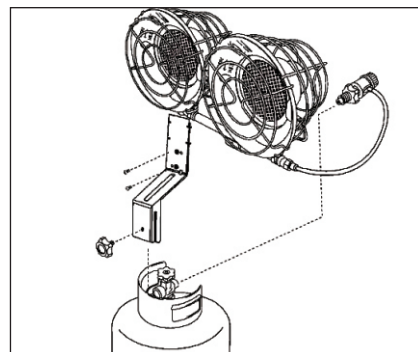
- Insert the regulator connector into the tank valve outlet fitting and turn left (counterclockwise) until fully tightened. Do not overtighten. (PIC.3)
- Place the heater support around the venturi and slide the clip ends onto the collar of the propane cylinder. Use a 1/4"-20 x 35mm screw and wing nut to secure the heater support onto the venturi tube. (PIC.4)



PIC.3



PIC.4



PIC.5

3. The heater should be inspected before each use and at least annually by a qualified service person.
4. The hose assembly shall be visually inspected prior to use of heater. If it is evident there is excessive abrasion or wear, or the hose is cut, it must be replaced prior to the heater being put into operation.
5. Minimum inlet gas pressure is 20 PSI.
6. Maximum inlet gas pressure is 120 PSI (equivalent to an ambient temperature of 75°F (24°C)).

## MHS3OT Dual Burner Model (PIC.5)

- Assembly of the MHS3OT requires a Phillips screwdriver.
- The tank collar bracket must be assembled before the heater can be attached to the propane tank.
- Remove screws from manifold center plate and retain for later use.
- Align the bolt holes in the tank collar bracket with the bolt holes in the center plate on the manifold so that the heater faces outward once attached to the cylinder collar.
- Attach with the screws removed earlier, ensuring that the tip switch bracket is positioned between the tank collar bracket and the manifold center plate.
- Place heater onto tank with tank collar bracket over tank collar. Mounting bolt knob should be positioned to the outside of tank collar.
- Firmly secure to tank by hand-tightening mounting bolt knob. Do not overtighten.
- Make sure heater regulator is in the "OFF" position.
- Insert regulator's connector into tank's valve and turn left (counterclockwise) with hand as much as possible. Do not overtighten.

## Key Features



### TURN OFF THE HEATER

- Tightly close propane tank valve by turning fully clockwise.
- Turn the heater regulator knob to the "OFF" ( O ) position. Wait at least 30 minutes for the heater to cool before handling heater.

### STORAGE

- Always remove the heater from the propane tank after each use and store indoors. Do not store the heater while it is attached to the propane tank. Do not store propane cylinders in buildings, garages, other enclosed areas, or near open flames or heat sources.
- The heater Hi-Med-Lo-Off regulating valve should always be turned to "off" when the heater is not in use. Allow at least 15 minutes for cooling before handling and storing. Detach propane cylinder from heater before storing.

## Troubleshooting



| PROBLEM                                                | POSSIBLE CAUSE                                                          | CORRECTIVE ACTION                                                                                                                                 |
|--------------------------------------------------------|-------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| Excessive flames coming out of burner, not glowing red | 1. Debris or spider webs in mixing tube or burner<br>2. Clogged orifice | 1. Clean burner tube with bottle brush, rinse it with water, and drain thoroughly before reinstalling<br>2. Remove and clean using compressed air |

| PROBLEM                                                  | POSSIBLE CAUSE                                                                                                                                                         | CORRECTIVE ACTION                                                                                                                                                                                                         |
|----------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Unit will not light                                      | 1. Valve on propane cylinder not open<br>2. Propane cylinder empty<br>3. Regulator not in "High" position<br>4. Excess flow device triggered<br>5. Defective regulator | 1. Open cylinder valve by turning counterclockwise<br>2. Have cylinder refilled<br>3. Turn regulator to "High" position<br>4. Close cylinder valve, wait 5 minutes and reopen slowly<br>5. Replace the regulator assembly |
| Burner will not stay lit when gas valve plunger released | 1. Tilt switch open<br>2. Wrong wiring of thermocouple<br>3. Defective thermocouple<br>4. Defective tilt switch<br>5. Defective gas valve                              | 1. Correct alignment of unit to ensure it is vertical<br>2. Check that wiring connections are properly engaged<br>3. Replace thermocouple<br>4. Replace tilt switch<br>5. Replace gas valve assembly                      |
| Piezo won't spark. (Some models only)                    | 1. Defective piezo<br>2. Ignitor misaligned with thermocouple shield<br>3. Wire frayed or damaged                                                                      | 1. Replace piezo<br>2. Realign ignitor with thermocouple shield<br>3. Replace wire                                                                                                                                        |
| Flames flashback /burn inside the mixing tube            | 1. Debris or spider webs in mixing tube<br>2. Clogged orifice                                                                                                          | 1. Clean burner tube with bottle brush, rinse it with water, and drain thoroughly before reinstalling<br>2. Remove and clean using compressed air                                                                         |



The VIVOHOM warranty program is our commitment to you. We are committed to providing you with a high-quality product that meets your needs and expectations. To demonstrate our confidence in the durability and performance of our products, we offer the following warranty.

### **WARRANTY COVERAGE**

This warranty program applies to any orders, purchases, receipts, or use of any products sold by VIVOHOM and is valid for a period of 1 year from the date of purchase. However, please note that this warranty period is only valid for the original order. If you receive a replacement order during the warranty period, it will not include a separate warranty period.

### **WARRANTY EXCLUSIONS**

This warranty does not cover damage resulting from misuse, accident, unauthorized modification, or any other circumstances not directly related to the manufacturing and design of the product, including but not limited to:

- Parts lost during use.
- Normal wear and tear of products or parts.
- Incorrect installation (such as using the wrong voltage) or assembly.
- Exceeding the bearing capacity of the product.
- Use under extremely harsh conditions.
- Improper cleaning or maintenance.
- Damage caused by any reason other than the intended use of the product.
- Indirect loss or damage caused by the product.

### **HOW TO MAKE A WARRANTY CLAIM**

If you find any defects that affect the use of the product or if the product stops working and cannot be repaired during the warranty period, please contact our customer service team at our email or via Amazon & app's direct messaging service as soon as possible. Provide the following information to expedite the process:

- Order number
- Images and/or videos illustrating the issue
- A detailed description of the problem

VIVOHOM will provide technical support, replacement, refund, or other solutions based on the nature of the issue. If you wish to return the original package for any reason, please contact us for confirmation before proceeding. You can expect to receive a response within 48 hours.

Thank you for choosing VIVOHOM. We are committed to ensuring the quality and satisfaction of your purchase. If you have any questions or need assistance, please do not hesitate to contact our customer service team.