GAS-FIRED INFRARED OUTDOOR PATIO HEATER INSTALLATION, OPERATION MAINTENANCE INSTRUCTIONS

FOR MODEL T–007

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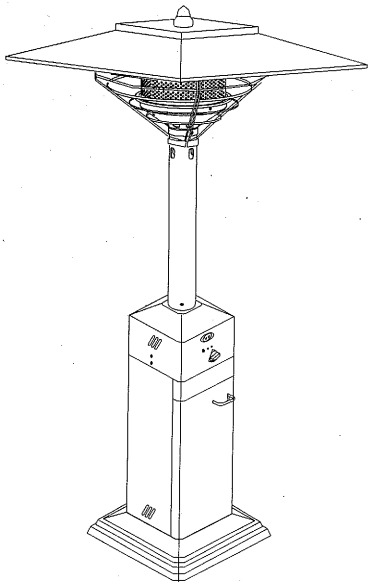


PLEASE CONTACT 1-800-913-8999 FOR ASSISTANCE
DO NOT RETURN TO PLACE OF PURCHASE

*** *IMPORTANT NOTICE*:
DO NOT return to place of purchase!!!
Please contact Customer Service hotline at 800-913-8999 for help.

IMPORTANT

* * * WARNING * * *

For outdoor use only (outside any enclosure)

Improper operation, installation, adjustment, alteration, servicing or maintenance can cause severe property damage or serious injury or death. Please read the installation, operation & maintenance instructions thoroughly before installing or servicing this equipment.

* * * FOR YOUR SAFETY * * *

If you smell gas:

- Shut off gas to appliance.
- Extinguish any open flame.
- If odor continues, immediately call your gas supplier.

For your safety:

Do not store or use gasoline or other flammable vapor and liquids in the vicinity of this or any other appliance.

TOOLS AND PARTS NEEDED FOR ASSEMBLY

NOTE: Propane Gas Tank is not supplied

Tools Needed:
Phillips Screwdriver
Spray Bottle Of Soapy Water (To Check For Leaks)

Parts Supplied:
Base Assembly with Tank Enclosure
Post & Burner Assembly
Emitter Grid
Emitter Screen (2)
Reflector

Hardware Bag
Reflector Nut (1)
Reflector Washer (1)
Control Housing 3/16" Screw (3)
Emitter Base 3/16" Screw (3)
Emitter Screen 3/16" Screw (4)

For Service Questions Replacement parts or other Assistance, Please call
VAI Customer Service Hotline at:

VAI
145 Brea Canyon Road
Walnut, CA 91789
(800)913-8999

PRECAUTION

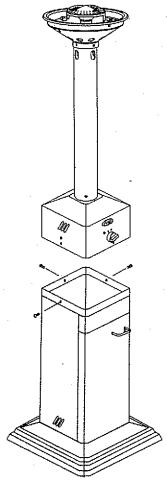
- Do not use this space heater in an explosive atmosphere. Keep heater away from areas where gasoline or other flammable liquids or vapors are stored.
- Do not attempt to alter unit in any manner. EXAMPLE: using the heater without the top canopy reflector or radiant screen. Do not shorten the burner post assembly.
- Heater must always be placed on a solid and level surface.
- Always ensure there is ample fresh air ventilation for outdoors use ONLY.
- Never replace or substitute the regulator with any regulator other than the factory suggested replacement.
- Do not paint radiant screen, control panel or top canopy reflector.
- All leak test should be done with a soapy solution. NEVER USE AN OPEN FLAME TO CHECK FOR LEAKS.
- At least once a year the unit should be inspected for the presence of spider, spider web or other insects haven and can damage the heater and render it unsafe for use,

Check the heater immediately if any of the following exists:

1. The smell of gas in conjunction with extreme yellow tipping of the burner flames.
2. The heater does not reach temperature.
3. The burner makes popping noise during use (a slight popping noise is normal when the burner is extinguished).

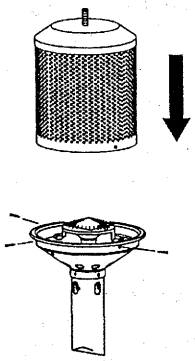
- Children and adults should be aware of hazards of high surface temperature and shall stay away to avoid burns of clothing ignition.
- Young children should be carefully supervised when they are in the area of the heater.
- Clothing or other flammable material should not be hung from the heater, or placed on or near the heater.
- Repair and services should be done by a qualified service person, the heater must be inspected before use and at least annually by a qualified service person. More frequent cleaning may be required as necessary. It is imperative that control compartment, burner and circulating air passageways of the heater be kept clean.
- Keep the appliance area clear and free of combustion material.
- Do not obstruct the flow of combustion and ventilation air.
- Keep the ventilation opening of the cylinder enclosure free and clear of debris.

ASSEMBLY INSTRUCTION



STEP 1: <u>Connect Top Portion to Tank Enclosure</u>

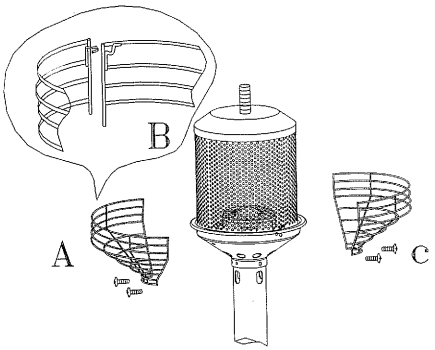
- Place top portion into the tank enclosure. Insert the three 3/16" truss head screws into the holes and secure it tight.



STEP 2: <u>Attach Emitter Grid</u>

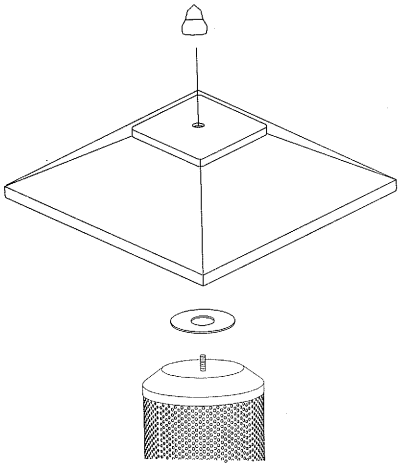
- Line up three holes on bottom of Emitter Grid with corresponding holes in emitter bottom, fasten three 3/16"truss head screws to the emitter base.

ASSEMBLY INSTRUCTION



STEP 3: <u>Attach Emitter Screen</u>

a. Attach one piece emitter screen with two 3/16" truss head screws to the post.
b. Hook up two emitter screen together.
c. Screw the other emitter screen on post with two truss head 3/16" screws.



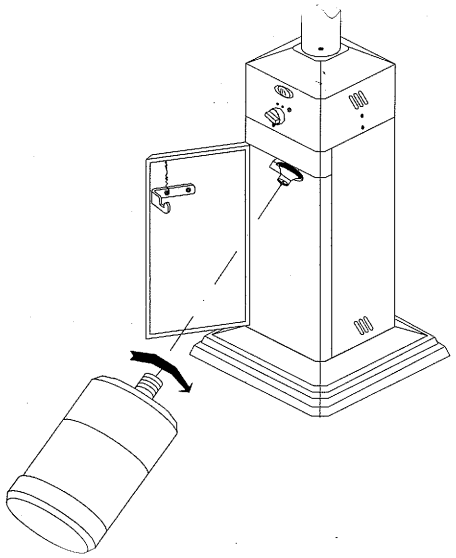
STEP 4: <u>Attach the Reflector</u>

- Put one of reflector flat washer on the emitter grid.
- Insert thread end of final cap nut through reflector and screw it until secure.

ASSEMBLY INSTRUCTION

STEP 5: Cylinder Attachment To Heater

- Make sure gas control knob is in "OFF" position.
- Open the tank enclosure door to locate the regulator.
- Rotate gas pressure regulator outwards.
- Attach propane gas to regulator inlet fitting by turning the propane gas clockwise.



STORAGE/BURNER REMOVAL

STORAGE

- Turn control knob "OFF"
- Disconnect LP source
- Stored in a well ventilated area out of children's reach.
- Sheltered from direct contact with inclement weather.

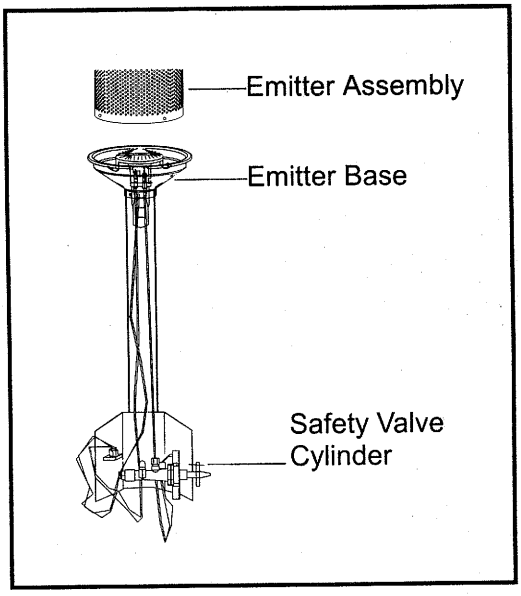
BURNER REMOVAL: (FOR BURNER CLEANING PURPOSE)

1. Remove reflector and emitter assembly by removal of the screws that fasten the emitter assembly to the lower screen cone .
2. Remove the burner by unscrewing the burner from the top to the valve body.

BEWARE OF SPIDERS

CAUTION: BURNER TUBES MUST BE INSPECTED AND CLEANED BEFORE FIRST USE

Spiders and small insects occasionally spin webs or make nests in the burner tubes and orifices during warehousing and transit these webs or nests can lead to a gas flow obstruction which could result in afire on and around the burner tubes. This type of fire is known as FLASH BACK and can cause serious damage to your patio heater and create an unsafe operating condition for the user Although an obstructed burner tube is not the only cause of FLASH BACK it is the most common cause and frequent inspections and cleaning of the burner tubes is necessary .



Caution: Any debris in the opening of the burner assembly can be cleared with a straightened piece of coat hanger. Any rust can be removed carefully with a wire brush. Never use a piece of wood or other materials that might break off and block the ports.

Tips: Light the Heater once a month to ensure it will always be in good condition.

TROUBLE SHOOTING

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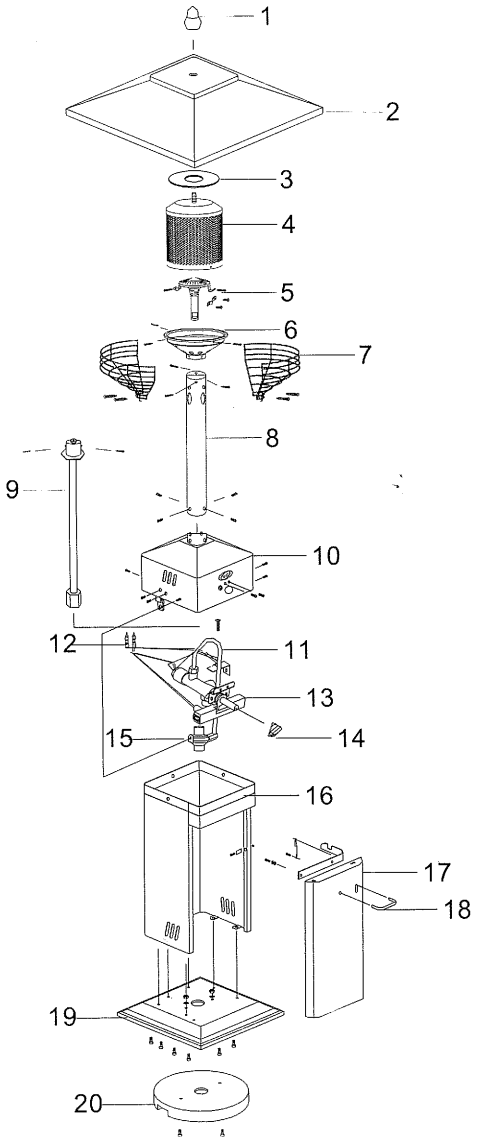
Problem	Possible Causes	Correction
Pilot won't light	■ Air in gas line ■ Low gas pressure ■ Blockage in gas line	■ Purge gas line and repeat ignition operation ■ Check gas pressure ■ Check gas passage way
Pilot won't stay lit	■ Tilt switch in trip angle/OFF position ■ Bad thermocouple ■ Corrosion of thermocouple contact ■ Safety interlock is triggered ■ Bad gas valve ■ Thermocouple connection loose at gas control or damaged ■ Pilot flame not touching the thermocouple	■ Reset the Heater keep in vertical position ■ Replace thermocouple ■ Clean thermocouple contact ■ Wait a minute repeat ignition operation ■ Replace gas valve ■ Tighten connection or replace thermocouple ■ Contact a qualified service person
Main burner won't light	■ Low gas pressure ■ Blockage in burner ■ Control knob not in 'HIGH' position	■ Check gas supply pressure ■ Clean burner inside and outside ■ Turn control knob to 'HIGH' position

EXPLODED VIEW



PARTS LIST

NO.	DESCRIPTIO	Q'TY
1	REFLECTOR NUT	1
2	REFLECTOR	1
3	REFLECTOR WASHER	1
4	EMITTER GRID	1
5	MAIN BURNER ASSEMBLY	1
6	EMITTER BASE	1
7	EMITTER SCREEN	2
8	POST	1
9	OUTLET TUBE	1
10	CONTROL HOUSING	1
11	INLET TUBE	1
12	PILOT ASSEMBLY	1
13	GAS VALVE CONTROL	1
14	CONTROL KNOB	1
15	REGULATOR	1
16	TANK HOUSING	1
17	TANK HOUSING DOOR	1
18	DOOR HANDLE	1
19	BASE ASSEMBLY	1
20	WEIGHTED BASE PLATE	1

LIMITED WARRANTY

FOR T – 007

GAS-FIRED INFRARED OUTDOOR PATIO HEATER

Nexgrill Industries, Inc warrants to the original consumer purchaser of each Outdoor Patio Heater that when subject to normal residential use, it is free from defects in workmanship and materials under normal conditions of use in a commercial application for a period of 90 days from purchase and in a residential application for a period of 1 year. Any work or repair of the heater must be performed by qualified service personal. There will be a shipping and handling charge for the delivery of the warranty part(s).

Component	Warranty Period
Burner :	3 Years
Valve :	1 Year
Pilot Kit :	1 Year
All Other Parts:	1 Year

Our obligation under this warranty is limited to repair or replacement at out option of the product during the warranty period. The extent of any liability of *Nexgrill Industries, Inc* under this warranty is limited to repair or replacement. This warranty does not cover normal wear of parts, damage resulting from any of the following; negligent use or misuse of the product, use on improper fuel/gas supply,use contrary to operating instructions, or alteration by any person other than our factory service center. The warranty period is not extended by such repair or replacement.

Warranty claim procedure: If you require service or parts for your Mini Table-Top Heater, please contact our Warranty Service Center for factory direct assistance. Our hours of operation are 8 AM to 5 PM PST. Our number is 1-800-913-8999 and our FAX number is 1-909-598-7699. Please direct all correspondence to: *Nexgrill Industries, Inc 145 Brea Canyon Road, Walnut, CA 91789 ATTN: Warranty Service Center.*

Product repair as provided under this warranty is your exclusive remedy. *Nexgrill Industries, Inc* shall not be liable for any incidental or consequential damages for breach of any express or implied warranty on its products. Except to the extent prohibited by applicable law, any implied warranty or merchantability or fitness for a particular purpose on this product to the duration of the above warranty. Some states do not allow the exclusion or limitation of incidental or consequential damages or allow limitations on how long an implied warranty lasts, so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights, and you may have other rights which vary from state to state.