



## A-1 AMUSEMENT & PARTY RENTAL

17 SUNNYBROOK DR. CINCINNATI, OHIO 45237

PHONE: (513) 761-4386 FAX: (513) 761-8555

[WWW.AMUSEMENTRENTAL.COM](http://WWW.AMUSEMENTRENTAL.COM)

### PATIO HEATER INSTRUCTIONS

#### NOTE:

- **PATIO HEATER IS DESIGNED FOR OUTDOOR USE ONLY**
- **NO PREHEATING REQUIRED! IGNITE HEATER ONLY WHEN READY TO USE TO PRESERVE PROPANE & EXTEND HEATING TIME**
- **A 20 LB. PROPANE TANK MAY LAST AS LITTLE AS 3 HOURS IF HEATER IS RUN ON HIGH (MAXIMUM)**
- **IT IS SUGGESTED TO RUN THE HEATER ON LOW, ADJUSTING AS NECESSARY, TO EXTEND THE LENGTH OF HEAT USE**

#### SETUP & LIGHTING:

1. ATTACH TOP PANEL TO HEATER UNIT (NO TOOLS REQUIRED)
2. INSTALL THE GAS CYLINDER: ATTACH GAS LINE AND PLACE CYLINDER IN HOLDER
3. TURN ON THE VALVE ON THE GAS CYLINDER.
4. PRESS AND TURN THE CONTROL KNOB TO HIGH (MAXIMUM) POSITION (COUNTER-CLOCKWISE 90°). (FIGURE 1)
5. HOLDING DOWN THE CONTROL KNOB, PRESS THE IGNITER BUTTON SEVERAL TIMES UNTIL THE MAIN FLAME IS IGNITED. RELEASE THE CONTROL KNOB 10 SECONDS AFTER THE IGNITION.
6. TURN THE CONTROL KNOB TO LOW (MINIMUM) AND LEAVE IT THERE FOR 5 MINUTES OR MORE BEFORE TURNING THE KNOB TO THE DESIRED TEMPERATURE SETTING. (FIGURE 2)
7. IF THE BURNER FLAME GOES OUT, TURN OFF THE HEATER AND WAIT AT LEAST 5 MINUTES OR MORE TO LET THE GAS DISSIPATE BEFORE RE-LIGHTING TO AVOID GAS EXPLOSION.  
REPEAT STEPS 4 TO 6.

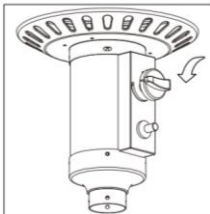


Figure 1



Figure 2

#### WARNING

##### FOR YOUR SAFETY

Be careful when attempting to manually ignite this heater. Holding in the control knob for more than 10 seconds before igniting the gas will cause a ball of flame upon ignition.

IF YOU EXPERIENCE ANY IGNITION PROBLEM PLEASE CONSULT "TROUBLESHOOTING"

#### WHEN HEATER IS ON:

EMITTER SCREEN WILL BECOME BRIGHT RED DUE TO INTENSE HEAT. THE COLOR IS MORE VISIBLE AT NIGHT. BURNER WILL DISPLAY TONGUES OF BLUE AND YELLOW FLAME. THESE FLAMES SHOULD NOT BE YELLOW OR PRODUCE THICK BLACK SMOKE, INDICATING AN OBSTRUCTION OF AIRFLOW THROUGH THE BURNERS. THE FLAME SHOULD BE BLUE WITH STRAIGHT YELLOW TOPS. IF EXCESSIVE YELLOW FLAME IS DETECTED, TURN OFF HEATER AND CONSULT "TROUBLESHOOTING".

#### RE-LIGHTING:

1. TURN CONTROL KNOB TO OFF.
2. REPEAT THE "LIGHTING" STEPS ON PRIOR PAGE.

#### WARNING

##### FOR YOUR SAFETY

Heater will be hot after use. Handle with extreme care.

#### SHUT DOWN:

TURN CYLINDER VALVE CLOCKWISE TO OFF AND DISCONNECT REGULATOR WHEN HEATER IS NOT IN USE.

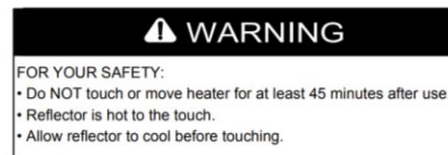
NOTE: AFTER USE, SOME DISCOLORATION OF THE EMITTER SCREEN IS NORMAL.

### BEFORE OPERATING:

- WATCH INSTRUCTIONAL SET-UP VIDEO: [HTTPS://WWW.AMUSEMENTRENTAL.COM/PRODUCT/PATIO-HEATER/](https://www.amusementrental.com/product/patio-heater/)
- ALL COMPONENTS ARE PROPERLY ASSEMBLED, INTACT AND OPERABLE.
- ALL GAS CONNECTIONS ARE SECURE AND DO NOT LEAK.
- WIND VELOCITY IS BELOW 10 MPH.
- UNIT WILL OPERATE AT REDUCED EFFICIENCY BELOW 40°F.
- HEATER IS OUTDOORS (OUTSIDE ANY ENCLOSURE).
- THERE IS ADEQUATE FRESH AIR VENTILATION.
- HEATER IS AWAY FROM GASOLINE OR OTHER FLAMMABLE LIQUIDS OR VAPORS.
- HEATER IS AWAY FROM WINDOWS, AIR INTAKE OPENINGS, SPRINKLERS AND OTHER WATER SOURCES.
- HEATER IS AT LEAST 3 FEET ON TOP AND AT LEAST 3 FEET ON SIDES FROM COMBUSTIBLE MATERIALS.
- HEATER IS ON A HARD AND LEVEL SURFACE.
- ALL BURNER AND AIR CIRCULATION PASSAGES ARE CLEAR.
- CHILDREN AND ADULTS SHOULD BE ALERTED TO THE HAZARDS OF HIGH SURFACE TEMPERATURES AND SHOULD STAY AWAY TO AVOID BURNS OR CLOTHING IGNITION.
- YOUNG CHILDREN SHOULD BE CAREFULLY SUPERVISED WHEN THEY ARE IN THE AREA OF THE HEATER.
- CLOTHING OR OTHER PROTECTIVE MATERIAL SHOULD NOT BE HUNG FROM THE HEATER, OR PLACED ON OR NEAR THE HEATER.

### AFTER OPERATION

1. GAS CONTROL IS IN OFF POSITION.
2. GAS TANK VALVE IS OFF.
3. DISCONNECT GAS LINE.



### TROUBLESHOOTING

PROBLEM	POSSIBLE CAUSE	CORRECTIVE ACTION
Burner won't light	Propane cylinder is empty	Fill or replace propane cylinder
	Propane cylinder valve is closed	Open propane cylinder valve
	Control knob is not in ON position	Turn control knob to ON
	Propane cylinder is frosted over	Wait until the propane cylinder warms up and is defrosted
	Blockage in orifice	Clear blockage
Burner Flame is low	Gas pressure is low	Turn cylinder valve OFF and replace cylinder
	Outdoor temperature is less than 40°F and tank is less than ¼ full	Use a full cylinder
	If control knob is fully ON, check burner and orifices for blockage	Clear blockage
Carbon build-up Thick Black Smoke	Dirt or film on reflector and burner screen	Clear reflector and burner screen
	Blockage in burner	Remove blockage and clean burner inside and outside