

OPERATING INSTRUCTIONS



Warma

Blue Flame Kerosene Heater

Your Warma Heater is a well constructed unit which will give years of satisfactory service, provided the operating and maintenance instructions are carried out correctly.

Like any other household appliance (i.e., washing machine, vacuum cleaner, etc.), operating a Warma, while simple, requires "getting used to," if you have had no previous experience. These instructions are compiled solely for your guidance. Please follow them explicitly and you will find the operation of your Warma simple, and its performance satisfactory.



FIVE IMPORTANT POINTS TO REMEMBER

- The flame of your Warma is NOT like a gas jet. The blue flame takes 10 minutes to reach maximum heat. Do NOT try to hurry it.
- ALWAYS allow the wick to become thoroughly saturated before lighting. (See Routine Lighting.)
- Make a habit of ALWAYS following the routine lighting procedure.
- Your WARMMA MUST be reasonably level.
- Make CERTAIN that the kerosene is clean. Use only clean storage containers.

INITIAL SETTING-UP

- Place WARMMA in selected position. Do NOT alter position of adjustable rear feet unless floor is badly out of level.
- Lift hinged lid and remove fuel tank and any items of packing.
- Lift wire grille and remove "STEEL-HEAT" burner. Check that wick is in position in vaporizer groove. Run your finger along the top of the wick to ensure it is resting on bottom of Vaporizer groove. Place burner and grille in position.
- Unscrew fuel tank valve and completely fill tank with LAUREL kerosene. (Use only lighting kerosene.)
- Replace valve and screw up firmly.
- Replace fuel tank in WARMMA with valve downwards. Kerosene will seep from tank and stop when fuel well is full.
- Light in strict accordance with Routine Lighting Instructions. Make this method of lighting a habit. Long experience has proved this method easiest and best.

ROUTINE LIGHTING

- Lift Wire Grille and remove the "STEEL-HEAT" Burner.
- Open Heat Control Valve 3 or 4 complete turns.
- Wait five minutes for wick soakage.
- Light Wick and wait till flame is burning all around and "dancing".
- Place "STEEL-HEAT" Burner on vaporizer and semi-rotate to ensure correct seating.
- Turn Heat Control Valve OFF—then
- Immediately Open Heat Control Valve Half Complete Turn.
- After a few minutes, if flame breaks through top of burner screen, tap side of burner bowl two or three times near break with suitable instrument (i.e., screwdriver, knife handle).
- After 10 minutes, adjust Heat Control Valve to suit requirements. Note: If Heater is level, three-quarter of complete turn should produce maximum flame, i.e., an even glowing of the screen without any flaring.
- Always have the flame high enough to make the Nichrome Coil glow. The redder the gauze the greater the heat. Strong light always dulls the colour of the gauze. Drought will produce black patches.

TO EXTINGUISH

- Turn Heat Control Valve fully off. (Turn Control clockwise.) Flame will die down and go out.
- It is not necessary to invert fuel tank each time WARMMA is turned off.

TO MOVE HEATER

- Turn Heat Control Valve off. (This MUST be done.)
- Carry Heater carefully by handles.
- Hold level when carrying.
- Place in new position gently.
- Open Heat Control Valve half complete turn and when flame has stabilized adjust as in ROUTINE LIGHTING.

SPECIAL NOTE:

In initial lighting it is possible for an airlock to form in the fuel lines and prevent the flow of kerosene. If the wick has not saturated after five minutes (assuming the Heat Control Valve is opened three or four complete turns), it is a positive indication that an airlock has formed. To remedy, carry out the following procedure—

- Open hinged lid and remove small Blow Tube clamped to inside of cabinet.
- Completely unscrew and remove Heat Control Valve.
- Insert threaded end of Blow Tube and screw up two or three times.
- Blow gently through the tube and watch wick for signs of soakage.
- When soakage apparent remove Blow Tube and replace in cabinet.
- Replace Heat Control Valve and follow routine lighting procedure.

USE BEST LIGHTING KEROSENE ONLY — WE RECOMMEND LAUREL