

MAINTENANCE

Cleaning Casing: Use warm, soapy water inside and out. Regularly remove fluff which may accumulate inside.

Cleaning Burner: This should only be necessary after a very long period of use. Wipe the parts carefully, paying particular attention to the perforations.

Cleaning Wick: When the flame becomes uneven and spikey, the wick must be cleaned and re-shaped using the wick cleaner provided. To use the wick cleaner, remove the flame spreader and insert the cleaner into the draft tube (fig. 6), and raise the wick until it (gently) touches the cleaner. Twist the wick cleaner clockwise a few times and remove. Don't overdo or the wick will become frayed. Wipe or blow away any debris and replace flame spreader.

Uneven Wick: If the wick becomes so uneven that the normal cleaning operation has no effect, it will have to be charred.

To char the wick remove the tank from the heater, empty the kerosene and light the wick. Adjust to an average flame and allow it to burn out. This is a somewhat smelly operation so it is best done outdoors or in an outbuilding. Refill the tank and allow the wick to soak for one hour then use the wick cleaner as mentioned above. If the wick is in very bad condition or will not wind up high enough, it must be replaced with a new Valmin Wick.

Remove the flame spreader and unscrew and remove the gallery and gasket. Turn the old wick up as far as it will go and pull out of the reservoir. Fit the wick applicator (that comes with the new wick) on top of the central draft tube. Place the split end of the new wick over the wick applicator. Line up the slots on the wick rack with the gear in the tank and push down until the gear engages. Turn the wick down slowly and remove the wick applicator. Replace the gallery, gasket and flame spreader. Allow the new wick to soak for at least ½ hour before lighting.

SPARE PARTS - Mention Model 420

171129 Flame spreader

172439 Gallery

172159 Mica for chimney

182209 Wick cleaner

199139 Wick (Valmin)

Replacement parts can be obtained by writing to:

BASIC ACCESSORIES CORP.

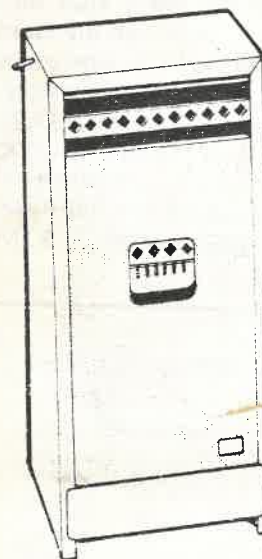
1027 Newark, Ave., Elizabeth, New Jersey 07208

The continued safety and efficiency of this heater depends upon you the user. Keep these instructions in a safe place for future reference.

WARNING

THIS HEATER SHOULD NEVER BE OPERATED IN AN AIR TIGHT ROOM. THE ROOM MUST HAVE REASONABLE AIR FLOWING INTO IT FROM THE OUTSIDE.

How to use your **VALOR 420 HEATER**



by **Basic**
ACCESSORIES CORP.

Your new Valor kerosene heater has been carefully designed and built to give you safe, efficient heating at a sensible cost. To get the most out of your new heater, read these instructions carefully before use.

HEAT OUTPUT - CAN HEAT A 12' X 12' TO 12' X 15' ROOM TO A COMFORTABLE TEMPERATURE.

UNPACKING

Take the heater out of the box and make sure no damage has occurred since leaving the factory. If there is any damage, **DO NOT USE THE HEATER** but return it to your dealer. Check the diagrams for identification and location of the parts.

SAFETY DEVICE

This heater has a patented Safety Device that automatically shuts off the flame if the heater is tilted. The resetting lever is located on the right side of the chimney (fig. 3). To re-set, turn the lever clockwise until it locks.

SETTING UP

Remove the chimney from the tank assembly by turning counter-clockwise for about a quarter of a turn and lift clear. Remove the tank from the cabinet and fill with kerosene until the "E", " $\frac{1}{2}$ " and "F" on the fuel indicator become dark. Caution: **ONLY** use kerosene. **NEVER** use gasoline. Wipe off any spills and set the filled tank on newspaper for at least one hour to allow proper soaking of the wick and to check for leaks. If a leak should show up, **DO NOT USE THE HEATER**, return to dealer.

LIGHTING

After the wick has soaked for an hour, return the tank assembly to the cabinet and make sure it is firmly seated. Turn the wick up to cover the bottom 2 rows of holes on the flame spreader and light the wick in several places. Fig. 3. Check that the safety device is reset and carefully replace the chimney, turning clockwise to lock it with the window facing frontwards. When the flame has fully circled the wick, it can be adjusted to the desired height. The burner is designed to operate with a blue flame, **NOT** yellow or white which can happen if the wick is set too high or too low. Incorrect wick setting can cause smoking and odor.

MAXIMUM HEAT

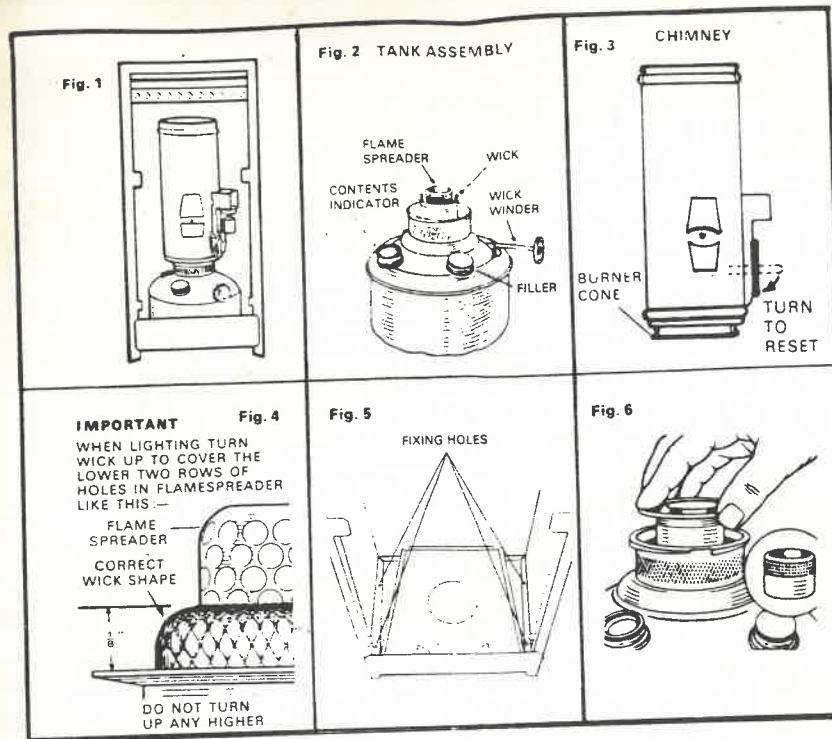
Turn the wick up until white peaks are just beginning to show on top of the blue flame. Turn no higher.

MINIMUM HEAT

Turn the wick down to give the minimum blue flame.

TO EXTINGUISH

Turn the wick all the way down. If a flame remains, blow across the top of the chimney. **DO NOT USE THE SAFETY DEVICE FOR NORMAL EXTINGUISHING** as this can damage the wick and cause odor.



POINTS TO REMEMBER

1. Store the kerosene in a clean container and make sure no water contaminates it.
2. Don't overfill the tank. Wipe up all spills.
3. **NEVER** cover the outlets on the cabinet.
4. Make sure the tank is properly seated in the cabinet.
5. Make sure all parts are firmly screwed down. Don't use heater if burner parts are damaged.
6. Use only Valor wicks and parts. Replace damaged or worn parts promptly.
7. Never allow unit to burn dry. **CHECK FUEL GAUGE PERIODICALLY.**

WARNING

- * Use only kerosene. **NEVER USE GASOLINE.** Do not mix anything with the kerosene.
- * Do not carry when lit.
- * Make sure the room is **VENTILATED**. There must be some air entering the room for safe efficient operation.
- * Extinguish the flame before refilling.
- * Place the heater where it will be free of drafts and cannot be accidentally hit. Do not put near flammable materials. Do not place fabrics on heater for drying.
- * If there are young children or animals in the house, it is advisable to fix the heater in place using the holes provided in the bottom of the cabinet (fig. 5)

Valor**MODEL 420**

OPERATING INSTRUCTIONS

TO LIGHT BURNER UNLOCK CHIMNEY AND REMOVE. TURN UP WICK TO EXPOSE 3mm ($\frac{1}{8}$ ") AND LIGHT IN SEVERAL PLACES. REPLACE CHIMNEY AND LOCK IN POSITION WITH WINDOW FACING FRONT, ENSURING SAFETY MECHANISM IS FIRST RESET. ADJUST FLAME AFTER IT HAS ENCIRCLED WICK. BURN ONLY WITH A BLUE FLAME.

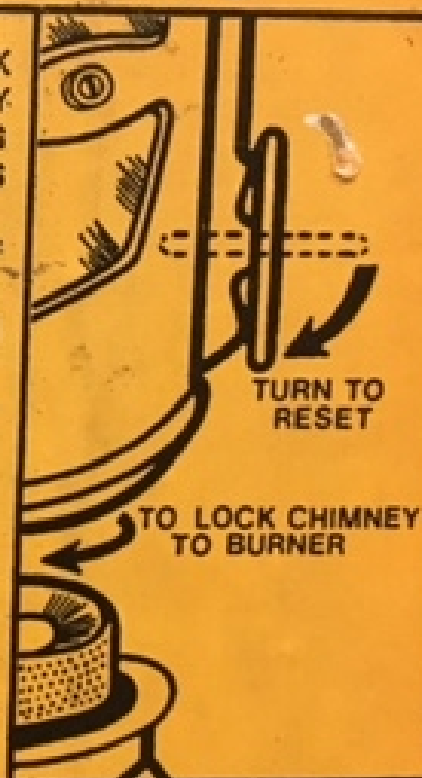
TO EXTINGUISH TURN WICK RIGHT DOWN (BLOW ACROSS TOP OF CHIMNEY IF FLAME REMAINS).

IMPORTANT • ENSURE SAFETY MECHANISM IS RESET BEFORE LIGHTING (SEE ILLUSTRATION).

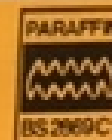
- DO NOT ATTEMPT TO OPERATE SAFETY MECHANISM FOR NORMAL EXTINGUISHING OTHERWISE SMELL OR DAMAGE MAY OCCUR.
- SEE INSTRUCTION LEAFLET FOR COMPLETE INFORMATION.
- USE ONLY VALOR "VALMIN" WICKS.

WARNING • DO NOT CARRY WHEN ALIGHT.

- ENSURE ROOM IS VENTILATED BUT PROTECT HEATER FROM DRAUGHTS.
- USE ONLY PARAFFIN (KEROSENE). NEVER USE PETROL
- DO NOT REFILL HEATER WHEN ALIGHT.
- PLACE HEATER WHERE IT CANNOT BE OVERTURNED AND AWAY FROM MATERIALS WHICH CAN EASILY CATCH FIRE.



We recommend only the use of ESSO BLUE Paraffin which is a high grade paraffin made to standards laid down by B.S.2869.C1 and is supplied from containers bearing this symbol.



REGISTERED DESIGN
No. 983872

PATS PENDING

APPROVED TO BRITISH

VALOR HEATING LTD,



STANDARD No. 3300

BIRMINGHAM B24 9QP. ENGLAND.

Quote model 420
for spares