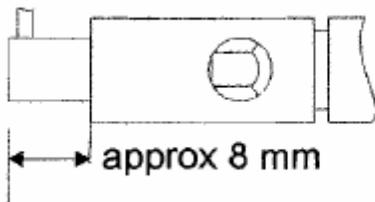




## SETTING THE JET POSITION

The following instructions will set the burner for maximum heat and economy. They should be carried out in a well ventilated area and in subdued light so the flame can be observed easily. Take care you don't burn yourself or clothing and comply with all gas safety precautions.

1. Connect the gas pipe to its supply. Slide the jet holder into the mixing tube and lightly tighten the retaining screw, positioning the jet as in the diagram below . . . . .



2. Check for any gas leaks around the valve and pipe connections using soapy water, rectify if necessary. To light the burner Stand as far back as possible and hold a flame, preferably a gas cooker lighter, over the ceramic and slowly open the supply valve. When lit set the valve to give a reasonable size flame and allow the burner to warm up for 30 to 40 seconds .....
3. Loosen the retaining screw and gently slide the jet holder into the burner until the flame turns soft and yellow (not enough air) slide the jet holder back out and the flame should turn blue. Finely adjust the position until there are small light blue cones, just above the surface of the ceramic, tighten the retaining screw at this point this is the best position for economy and heat output. Avoid sliding the jet to far out as this will lower the flame and may result in overheating the ceramic and pan, heat output is lower and noise from the air inlet is increased in this situation.

## SAFETY INSTRUCTIONS

Gas is a dangerous fuel and should be treated with care, safety precautions should be followed at all times.

- When changing gas cartridges: shut the boiler down fully. Be sure that the flame is out and that no other flame is nearby. Take the unit to the open air or a well ventilated space away from other people. Unscrew the valve unit from the container and replace the sealing 'O' ring if cracked or worn. Avoid cross threading by putting the valve unit on the screw thread squarely and screw on hand tight only. Keep it upright whilst filling and ensure that a complete gas seal is made. If in any doubt immerse the cartridge and valve assembly in a bowl of warm soapy water, any leak will be revealed.
- Discard empty gas cartridge in a safe place away from heat. Never try to locate leaks with a naked flame. When not in use store in a safe, dry place away from heat and DO NOT leave disposable gas can adapter screwed on to the can when not in use.
- Always ensure that the gas is turned off immediately after use. LPG gas is heavier than air and will collect in the bottom of your boat.
- Ensure that no gas leaks are evident on the gas system.
- If a refillable gas tank is used, remove the tank from the boat for refilling. Do not carry out this operation in a confined or unventilated area.
- Do not empty the contents of the lubricator with a syringe while the lubricator is hot. The hot oil/water could blow back. Use a rag for protection.
- Do not over fill the boiler at this will increase the hydraulic locking of the engine.
- Do not allow the boiler to run dry as this will destroy the seals on the boiler fittings and if allowed to happen for a long period of time will eventually cause damage to your boiler and possibly a fire in your boat.
- Remember that in use the unit will get very hot and therefore care should be taken both during and after use.
- Never attempt to remove the safety valve or any plug in the boiler while it is still pressurized.
- Never attempt to refill the displacement lubricator while the plant is in steam unless it is certain the steam stop valve is closed.
- When filling the boiler the safety valve should be occasionally checked for the correct operation without sticking.