

THE HOTTEST NAME IN HEATING

Bantam Ecotherm

USER INSTRUCTIONS

INTRODUCTION

In your own interest and that of safety, it is the law that all gas appliances are installed by competent persons (a Gas Safe registered Engineer) in accordance with Gas Safety, (Installation and Use) Regulations and in accordance with the 'rules in force'. Failure to install appliances correctly could lead to prosecution.

This appliance must **ONLY** be run on Natural Gas.

Your Bantam Ecotherm is an easily controlled gas wall heater which circulates warm air by natural convection. The combustion chamber is 'room sealed' which means that air for combustion is drawn in from the outside air, minimizing room draughts. A Piezo igniter, which requires neither batteries nor mains supply, is used to light a pilot burner which, in turn, lights the main burner. A safety device is fitted which shuts off the heater in the event of gas or flame failure. After lighting, the heater is controlled by a 'thermostat', the control knob for which is located on the lower left hand side of the heater.

In a normal installation the heater gives an output of 2.11 kW. It consumes about 3 units of gas per hour, the cost of which will vary according to the local tariff. When the heater is first lit, a slight smell may be given off, but this will soon clear.

SAFETY

Do not hang clothes, towels etc. over or near the heater as you will cause overheating and possible damage. Do not obstruct the space beneath the heater. Curtains must not hang closer than 150mm (6in) to the top of the heater or within 50mm (2in) of the sides. Furniture must not be placed within 100mm (4in) of the sides of the heater.

A shelf may be fitted above the heater provided that it is spaced not less than 150mm (6in) from the top of the heater and does not project more than 150mm (6in) from the wall. Do not obstruct the flue terminal.

In the event of gas failure the heater must be turned off and re-lit in accordance with the instructions below. The Bantam Ecotherm meets safety standards but additional guarding, in accordance with BS 6778 is recommended for young children, the elderly or infirm. A suitable guard can be obtained from Robinson Willey, please quote RW part No. 989358.

NOTE: When any heating appliance is fitted or when wallpapering a room in which one is fitted, if blown vinyl or heat sensitive wallpapers are used in the vicinity of the heat source then they may become heat damaged or discoloured especially just above the heater.

HEATER CONTROLS

The appliance is served by two control knobs, one operates a gas tap (OFF: Ignition & Pilot: ON), and one a thermostat with settings numbered 1 to 6. The thermostat controls the room temperature between 1 (warm) and 6 (hot), which you set to your desired level.

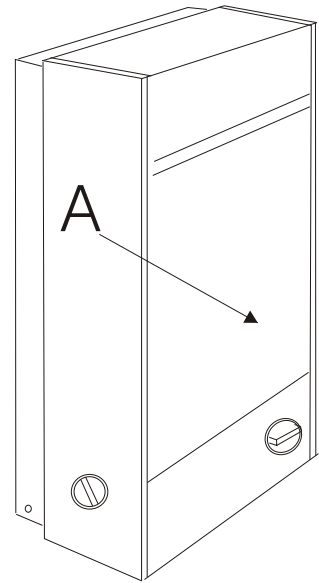


Fig 1

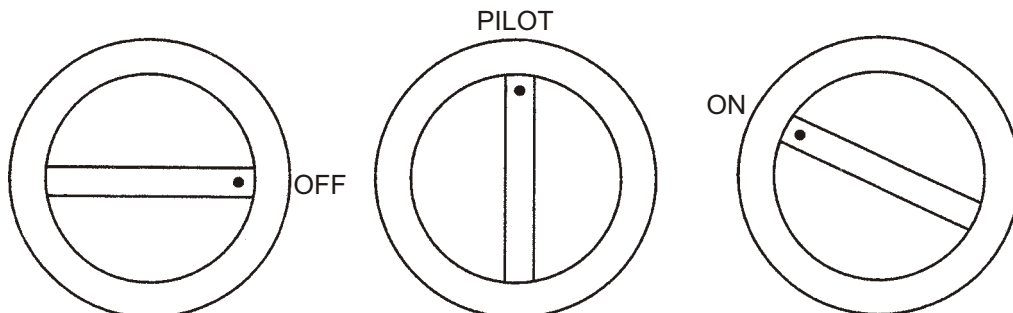
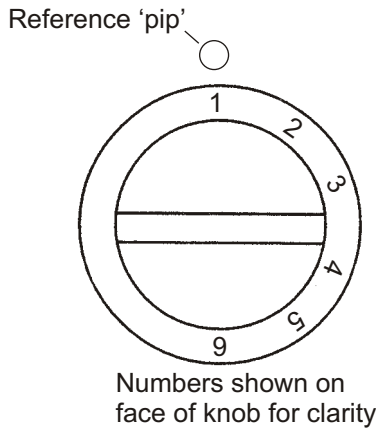


FIG. 2 CONTROL KNOB POSITIONS



The thermostat can be adjusted to any setting between 1 and 6, by lining up the number on the knob with the reference 'pip' in the side of the case. Once you have found the setting which best suits you, it can be left at that setting, and the heater operated using the ON/OFF control knob on the front panel. To increase the room temperature, rotate the knob to line up a higher number with the reference 'pip'.

NOTE:

After lighting the pilot and then turning the control to 'ON', the burner may not light if the thermostat is set lower than the room temperature.

LIGHTING THE HEATER

Warning: If the pilot light is extinguished either intentionally or unintentionally, no attempt should be made to relight the gas until at least 3 minutes have elapsed.

1. Push the control knob fully in (see fig. 2) and turn it slowly anti-clockwise from the OFF position to the pilot position. Whilst the control knob is being turned, the igniter operates and sparks. The pilot burner will now be lit and this can be checked by looking through the observation window in the direction of arrow 'A', (see fig. 1). Keep the control knob pushed in for 10 seconds then release it. The pilot burner should remain lit.
2. If the pilot burner does not light, push in and turn the control knob back to the OFF position, releasing the pressure on the control knob as you do so. Further ignition attempts following directly on the first can if necessary be carried out repeating the procedure of paragraph 1, until the pilot flame is established.
3. Turn the control knob to the ON setting. Note that in moving from PILOT to ON, you must push in the control knob slightly, before turning it. The burner will only light if the thermostat is set to a temperature higher than the room temperature.
4. If the pilot flame is extinguished for any reason, with the control knob in an ON or PILOT position, push in and turn the control knob to the OFF position, wait 3 minutes, then repeat the lighting procedure in paragraph 1.

TURNING OFF

1. If the heater is to be turned off for a short period, e.g. overnight, turn the control knob to the PILOT position by pushing the knob in slightly before turning. When heat is required again, simply push in and turn the control knob back to ON.
2. If the heater is to be off for a longer period, e.g. over a weekend, it is better to push in and turn control knob to OFF and relight when required.

CLEANING

Clean the heater, only when it is cold. Use a soft damp cloth but not abrasive materials.

MAINTENANCE

For the efficient and safe operation of this appliance, it should be serviced yearly by a competent person (a Gas Safe registered Engineer). The Bantam Ecotherm should operate without trouble for long periods and apart from keeping it clean, there is no maintenance you can do yourself. If any difficulty does arise, consult your local Gas Installer, stating that your heater is a Robinson Willey Bantam Ecotherm.

THE GAS CONSUMERS' COUNCIL (GCC) IS AN INDEPENDENT ORGANISATION WHICH PROTECTS THE INTEREST OF GAS USERS. IF YOU NEED ADVICE, YOU WILL FIND THE TELEPHONE NUMBER IN YOUR LOCAL TELEPHONE DIRECTORY UNDER GAS.

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