



# JANUS 3, JANUS 3/30, ELJAN AND HIJAN USERS INSTRUCTIONS

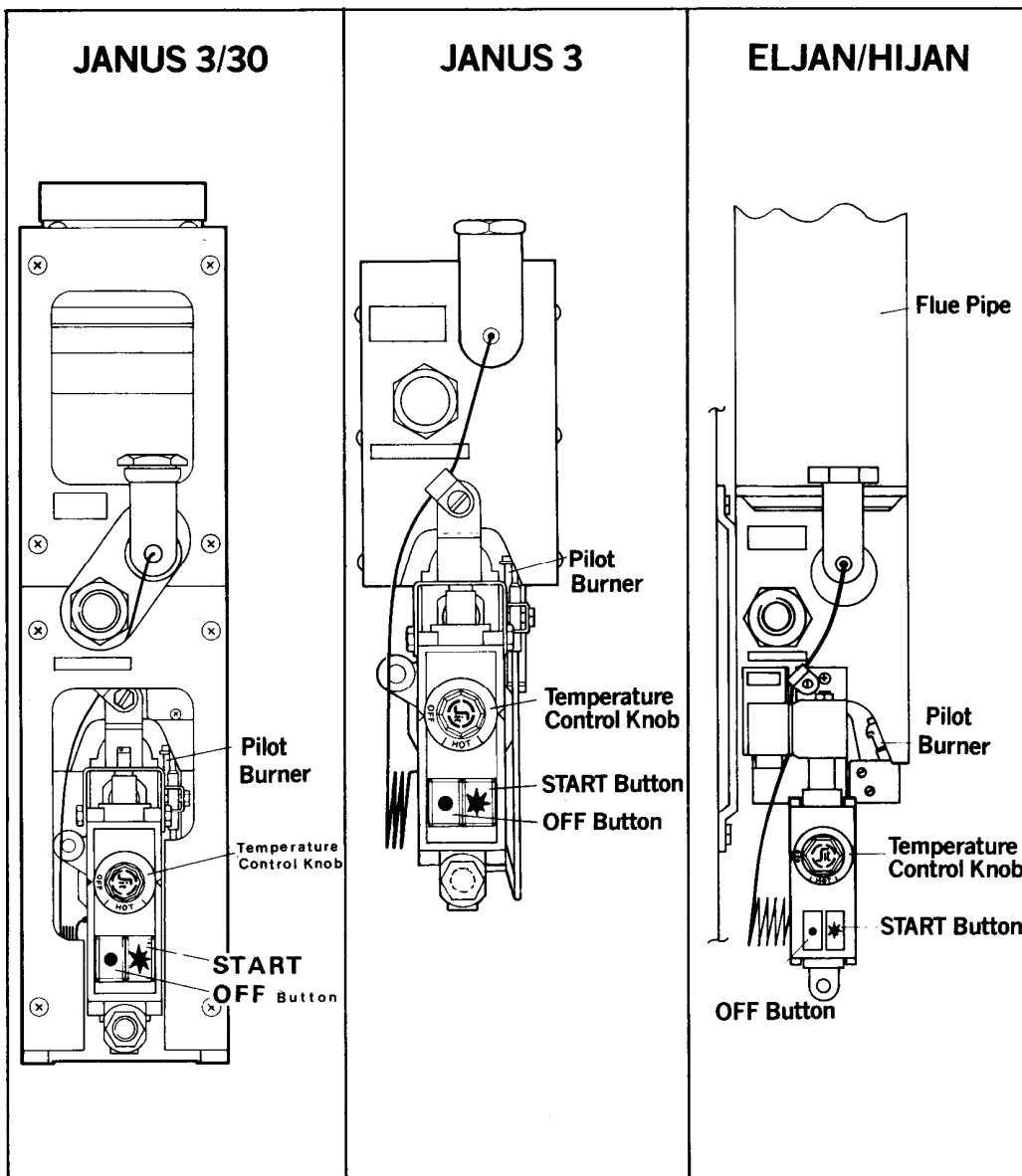
Janus 3, Janus 3/30, Eljan and Hijan, are all gas fired appliances which provide domestic hot water and/or space heating when installed in a Johnson and Starley air heater or in a free-standing application in the case of the Janus 3/30. The water temperatures are controlled automatically by a thermostat in the appliance. Eljan and Hijan can be controlled electrically, in addition.

These appliances have been tested and certified by British Gas for use on natural gas.

### GAS SAFETY (INSTALLATION AND USE) REGULATIONS

It is the law that all gas appliances are installed by a competent person, in accordance with these instructions.

**WARNING: ELJAN AND HIJAN MUST BE EARTHED.**



## 1. To light your appliance.

**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.

These instructions apply only to the appliance itself. Once lit it will react to the controls of the hot water system which it serves.

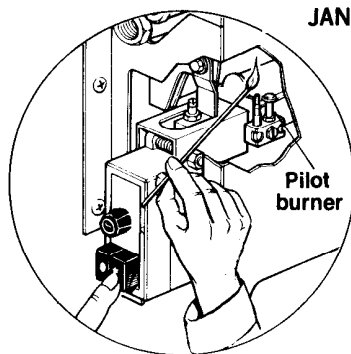
Instructions about the hot water system should be supplied by others.

- 1.1. Remove bottom door of the air heater (where applicable).
- 1.2. Ensure gas and electrical supplies (where applicable) to air heater and water heater are turned on.
- 1.3. Ensure temperature control knob is set to 'OFF' (turned fully clockwise).

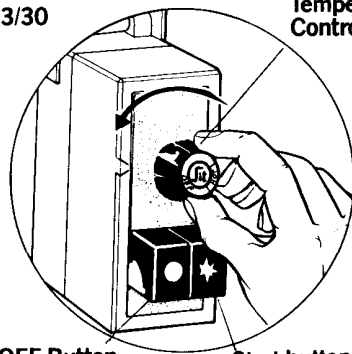
### 1.4. EITHER

- (1) Push the 'START' button (marked with a red flame symbol) in fully and at the same time light the pilot by applying a lighted taper to the pilot burner, on the right of the main burner assembly (see diagram).

When the pilot has lit, continue to hold the 'START' button in for a further 15 seconds, then release.

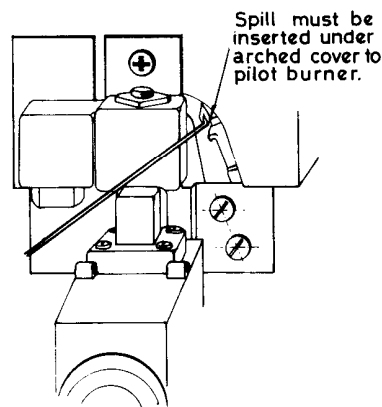


JANUS 3, JANUS 3/30



OFF Button Start button

### ELJAN/HIJAN,



## OR (2) IF YOUR APPLIANCE IS FITTED WITH A PIEZO-ELECTRIC LIGHTING SYSTEM

Identify the location of the LIGHTING BUTTON, then push the 'START' button in fully and, at the same time repeatedly push and release the LIGHTING button to produce a spark at the pilot burner. When the pilot has lit (view through port on right of main burner) continue to hold the 'START' button for a further 15 seconds then release.

**SPECIAL NOTE +** When lighting pilot, ensure that 'OFF' button is not touched. Partial depression of 'OFF' button may operate the safety mechanism and prevent the main burner from lighting.

- 1.5. The pilot burner should now stay alight. If it goes out push the 'OFF' button (marked with a white spot). Wait 3 minutes then repeat 1.4 holding in the 'START' button for a little longer than before, after the pilot has lit. If pilot burner still goes out consult your installer or British Gas.
- 1.6. Turn control knob fully anti-clockwise. The heater will now operate automatically controlled by the water thermostat providing that any switch (time clock or manual) controlling it, is ON.

## 2. Operation of Appliance.

- 2.1. The control knob will, at its fully anti-clockwise position, control water to the highest temperature. If a lower temperature is required, turn the control knob clockwise to the desired position.
- 2.2. The pilot burner must be alight to allow the main burner to operate under automatic control. Should it become extinguished, a safety device will shut off all gas.
- 2.3. To Stop the appliance.

- (a) For short periods: Turn the control knob to 'OFF'. This will leave the pilot alight, but prevent the main burner from lighting. For ELJAN AND HIJAN turn off the electrical supply to the circulator. This will leave the pilot alight but prevent the main burner from lighting.

- (b) For longer periods: Press the 'OFF' button (marked with a white spot) and turn off the Gas supply tap and electrical supply (where applicable).

**NOTE:** In the interest of economy the hot water cylinder and pipes should be efficiently lagged to minimise heat loss and hot water taps should not drip. The water must be drained out of the appliance if it is to be shut off for long periods and frost damage is a possibility.

## 3. Maintenance and Gas Tariff.

It is recommended that a full maintenance check on your appliance be made at least annually and that a service contract is taken out on completion of the guarantee period. Your local Gas Region will give you details of arrangements for this service and information on gas

### 4. If your appliance is not giving the service you need.

- 4.1. Check pilot burner is alight. If not, follow the lighting procedure. Should the appliance still not function correctly, call for expert advice. Service arrangements differ locally.
- 4.2. For new houses, service is usually supplied for a specific period under arrangements made by the building contractor.
- 4.3. For their own houses, Local Authorities often have special arrangements.
- 4.4. If the above do not apply, contact the Service Department at your local Gas Region.

For your appliance to operate **safely** and **efficiently** it is **absolutely essential** to observe the following:

1. If the appliance has been installed in a cupboard do not block any grilles provided in the cupboard door(s).
2. DO NOT PLACE anything (clothing, linen, etc.) in contact with the appliance or its flue pipe.
3. DO NOT BLOCK or cover air inlets around the bottom of the appliance, draught diverter or lighting apertures.

Johnson & Starley prides itself on its ability to supply spare parts — quickly and efficiently. If your local Heating Engineer or Gas Board indicate a problem in obtaining a spare part ask them to contact Johnson & Starley Spares Department at the address below.



## Johnson & Starley Ltd

Rhosili Road,  
Brackmills,  
Northampton NN4 0LZ

Telephone: (0604) 762881  
Telex: 312461  
Fax: (0604) 767408