



# INTEJAN (HOT WATER) CIRCULATOR USER INSTRUCTIONS



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**THIS APPLIANCE MUST BE EARTHED**

**IMPORTANT: IT IS A STATUTORY REQUIREMENT THAT ALL GAS APPLIANCES BE INSTALLED BY COMPETENT PERSONS, (i.e. CORGI REGISTERED INSTALLERS) IN ACCORDANCE WITH THE GAS SAFETY (INSTALLATION AND USE) REGULATIONS (CURRENT EDITION). FAILURE TO COMPLY WITH THESE REGULATIONS MAY RESULT IN PROSECUTION.**

## WHAT IS THE INTEJAN CIRCULATOR?

Your Intejan Circulator is an integral hot water heater designed to provide domestic hot water. The water temperature is controlled by a thermostat in the appliance. Whilst the Circulator is integral, its operation is totally independent of the Warm Air Heater, thereby providing hot water during periods when the Air Heater is not being used, or is being used in air circulation mode.

### WARNING:

**This appliance MUST be used in accordance with these instructions. Failure to do so, may prove dangerous and may also cause injury! You MUST take note of ALL warnings detailed both in these instructions AND on the appliance. UNDER NO CIRCUMSTANCES MUST ANY FACTORY SEALED COMPONENTS BE INTERFERED WITH!**

### Note:

The viewing port of the heater (and its surroundings) get VERY hot during use. Care MUST be taken to avoid contact which may result in severe burn injury!

## 1. TO LIGHT YOUR CIRCULATOR

- 1.1 Ensure that the gas and water supplies to the heater are turned on.
- 1.2 Set both the "AIR HEATER" and "WATER HEATER" switches on the time control to the "OFF" position.
- 1.3 Set the thermostat (see para. 3).
- 1.4 Switch on the electrical supply to the heater.
- 1.5 Set the "WATER HEATER" switch on the time control to "CONT" After a period of 15-20 seconds the burner will ignite automatically, indicated by the green LED light marked 'ON' on the indicator panel (see Fig. 2).
- 1.6 The water heater will now operate automatically under thermostatic control.
- 1.7 If the burner does not ignite the first time, the red LED

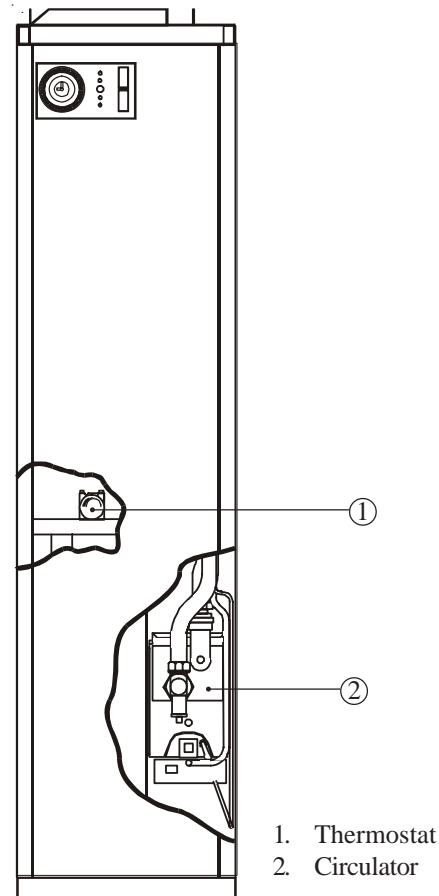


Fig.1

light marked 'LOCKOUT' will light. If this should occur, check that the gas supply to the appliance is turned on, wait approximately 10 seconds and then press the button marked 'RESET' to re-initiate the ignition sequence.

- 1.8 If, after carrying out the above instructions several times, the green light fails to remain lit, contact your local service engineer.

## 2. TO STOP YOUR CIRCULATOR

### 2.1 For short periods, e.g. weekends:

Turn the "WATER HEATER" switch to the "OFF" position, this will cause the burner to extinguish. When you require the circulator on again, turn to Water Heater switch to the "ON" position.

## 2.2 For longer periods, e.g. a week or summer shutdown.

Turn the Water Heater switch to the "OFF" position and then turn off the electricity supply to the heater.

### 3. TEMPERATURE CONTROL

- 3.1 Remove the front cover from the Air Heater in order to gain access to the thermostat.
- 3.2 The thermostat temperature can be set at any point between +50°C and +82°C by rotating the thermostat knob.
- 3.3 We recommend that you start at a mid point and slowly increase the setting until a satisfactory temperature is reached. **NOTE: BECAUSE THE CIRCULATOR HEATS THE CONTENTS OF THE HOT WATER CYLINDER, THERE WILL BE SOME DELAY BETWEEN ANY CHANGE MADE AND A CHANGE IN THE TEMPERATURE OF THE HOT WATER**

### 4. TIME CONTROL OPERATION

- 4.1 In addition to continuous operation, the Time Control will provide 24 hour timed operation of the circulator in 15 minutes increments (1 tappet). "On" periods are set by moving the required number of tappets in towards the centre of the dial. For example, a 4 hour "on" period will require 16 tappets set to the "on" position at the required time.

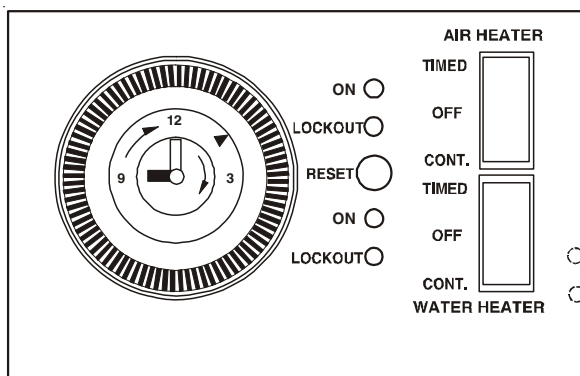


Fig. 2

### 5. MAINTENANCE

- 7.1 It is recommended that a full maintenance check on your appliance be made at least once a year and that a service contract is taken at the end of the guarantee period. Your local gas supplier will be able to provide details of arrangements for this service.

**Note: This appliance SHOULD be checked and maintained periodically by a qualified professional or competent person.**

### 6. POWER CUTS

- 6.1 If you experience an electrical power cut your circulator will cease to operate. When the electrical supply is restored, the heater will work normally but the Time Control WILL require resetting.

### 7. TROUBLE SHOOTING

- 7.1 Check that the thermostat and Time Control are set correctly to your requirements .
- 7.2 If the **LOCKOUT** is lit, wait for approximately 10 seconds and then press the **RESET** button.
- 7.3 If the circulator will still not operate correctly, contact your local service engineer.

#### Service arrangements:

- a. For new dwellings, servicing is usually supplied for a specific period under arrangements made by the building contractor.
- b. Local Authorities often have their own special arrangements.
- c. If the above do not apply, contact your local service engineer, or the Service department at Johnson & Starley Ltd.

### 8. IF YOU SMELL GAS

**DO NOT** operate any electrical switches, or use a naked flame.

**TURN OFF** the gas supply.

**VENTILATE** the area by opening doors and windows.

**CALL OUT** your local gas supplier.

**NOTE: If you are aware of, or suspect, a fault OF ANY KIND the heater MUST NOT be used. Turn off the gas and electrical supplies to the heater and contact your service engineer!**

### IMPORTANT

**FOR YOUR HEATER TO WORK EFFICIENTLY AND FOR YOUR HEATING SYSTEM TO PERFORM SATISFACTORILY, IT IS ABSOLUTELY ESSENTIAL TO OBSERVE THE FOLLOWING:**

1. **DO KEEP CLEAN**, and make sure you **DO NOT OBSTRUCT** any grilles on the heater, in the heater compartment, or in any walls, windows or doors of the building.
3. **DO NOT PLACE ANYTHING** (clothing, linen etc.) in contact with the heater or its flue pipe.
4. **DO NOT USE** the heater compartment for storage or airing.

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