# USERS GUIDE

## LOGIC C biES

## ES24, ES30, ES35

## *Minimum Clearances*

Clearances of **165mm (6 1/2”**) above, **100mm (4”**) below, **2.5mm (1/8”**) at the sides and **450mm (17 3/4**”) at the front of the boiler casing must be allowed for servicing.

**Bottom clearance**

Bottom clearance after installation can be reduced to 5mm.

This must be obtained with an easily removable panel, to enable the consumer to view the system pressure gauge, and to provide the 100mm clearance required for servicing.

## *To light the boiler. Refer to Frame 1*

If a programmer is ýtted refer to separate instructions for the programmer before continuing.

1. CHECK THAT THE ELECTRICITY SUPPLY TO BOILER IS OFF.
2. Set the mains mode knob control (D) to ‘Off’.
3. Set the Domestic Hot Water temperature control (B) and Central Heating temperature control (C) to ‘max’.
4. Ensure that all hot water taps are turned off.
5. Switch ON electricity to the boiler and check that all external controls, e.g. programmer and room thermostat, are ON.
6. Set the mode knob control to winter ( ).

The boiler will commence the ignition sequence, supplying heat the central heating, if required.

**Note.**

0 Standby - no demand for heat.

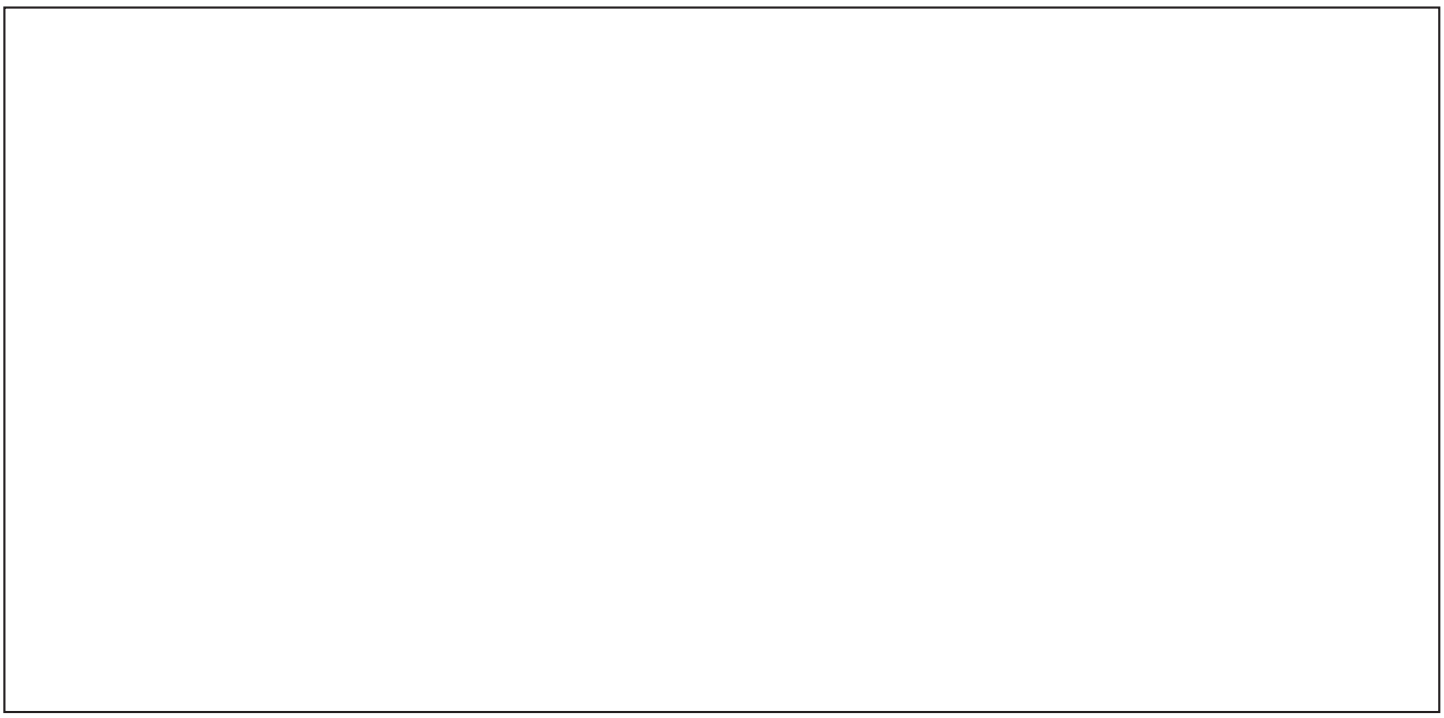
C CH being supplied.

d DHW being supplied.

F During normal operation the burner on indicator (F) will remain illuminated when the burner is lit.

Note: If the boiler fails to light after ýve attempts the fault code L-2 will be displayed.

**RESET PROCEDURE**



## Condensate Drain

This appliance is ýtted with a siphonic condensate trap system that reduces the risk of the appliance condensate from freezing. However should the condensate pipe to this appliance freeze, please follow these instructions:

a. If you do not feel competent to carry out the defrosting instructions below please call your local Gas Safe Registered installer for assistance.

b. If you do feel competent to carry out the following instructions please do so with care when handling hot utensils. Do not attempt to thaw pipework above ground level.

If this appliance develops a blockage in its condensate pipe, its condensate will build up to a point where it will make a gurgling noise prior to locking out an “L2” fault code. If the appliance is reset it will make a gurgling noise prior to it locking out on a failed ignition “L2” code.

To unblock a frozen condensate pipe;

1. Follow the routing of the plastic pipe from its exit point on the appliance, through its route to its termination point.

   Locate the frozen blockage. It is likely that the pipe is frozen at the most exposed point external to the building or where there is some obstruction to þow. This could be at the open end of the pipe, at a bend or elbow, or where there is a dip in the pipe in which condensate can collect. The location of the blockage should be identiýed as closely as possible before taking further action.

2. Apply a hot water bottle, microwaveable heat pack or a warm damp cloth to the frozen blockage area. Several applications may have to be made before it fully defrosts. Warm water can also be poured onto the pipe from a watering can or similar. DO NOT use boiling water.

3. Caution when using warm water as this may freeze and cause other localised hazards.

4. Once the blockage is removed and the condensate can þow freely, reset the appliance. (Refer to ñTo Light the boiler”)

5. If the appliance fails to ignite, call your Gas Safe Registered engineer.

**Preventative solutions**

During cold weather, set the boiler stat to maximum, (Must return to original setting once cold spell is over)

Place the heating on continuous and turn the room stat down to 15ÜC overnight or when unoccupied. (Return to normal after cold spell).

## Escape of gas

Should a gas leak or fault be suspected contact the National Gas Emergency Service without delay. **Telephone 0800 111 999**

***Do nOT search for gas leaks with a naked ƒame.***

## Cleaning

For normal cleaning simply dust with a dry cloth.

To remove stubborn marks and stains, wipe with a damp cloth and ýnish off with a dry cloth.

***DO NOT use abrasive cleaning materials.***

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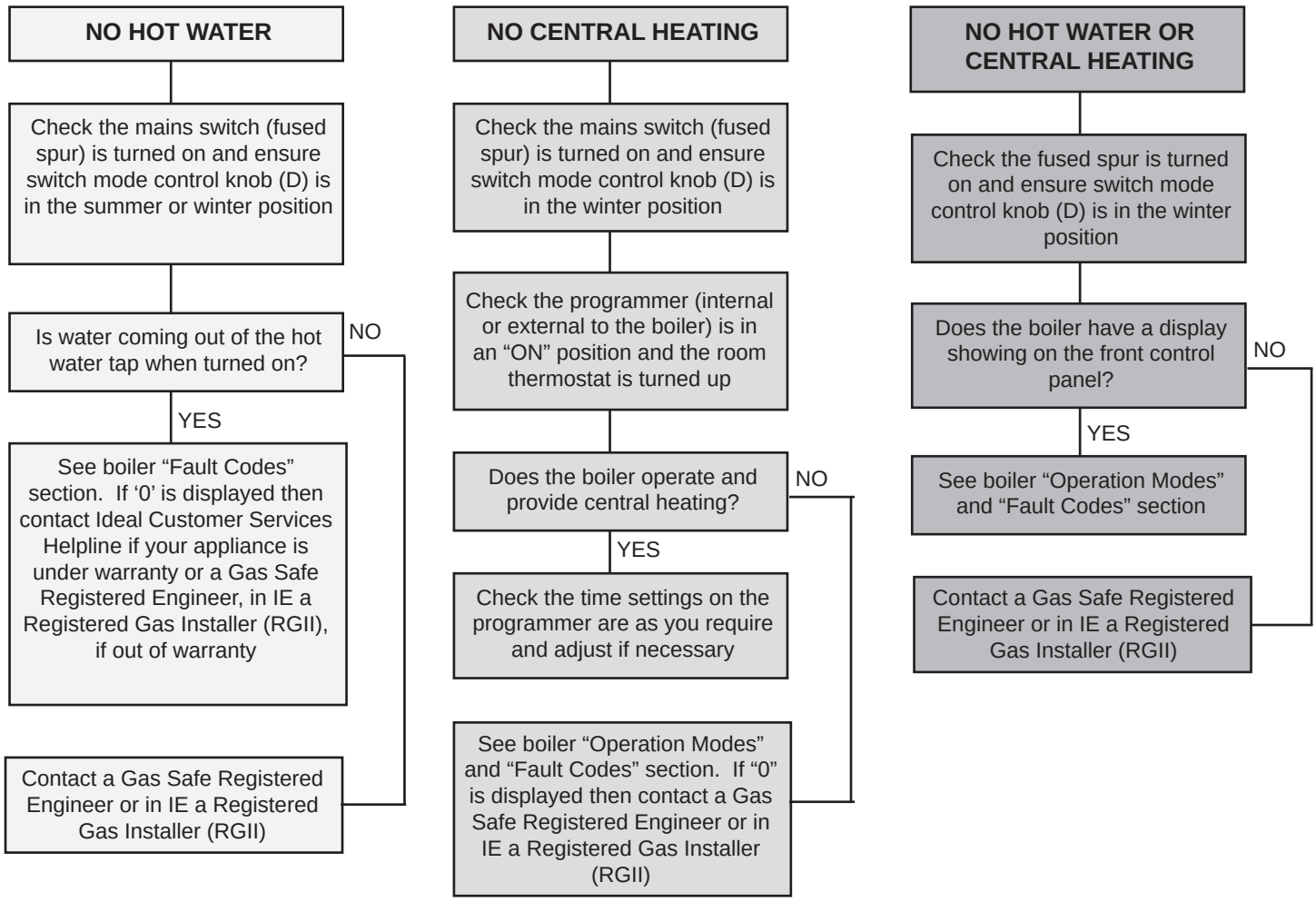
## POINTS FOR THE BOILER USER

**Note.**

## TROUBLESHOOTING



status burner
0

***Ideal Consumer Helpline***
***Tel: 01482 498660***
***www.idealboilers.com***

**Ideal Stelrad Group** pursues a policy of continuing improvement in the design and performance of its products. The right is therefore reserved to vary speciýcation without notice.

**Ideal**, P.O. Box 103, National Ave, Kingston Upon Hull, HU5 4JN.
Tel. 01482 492251 Fax. 01482 448858. Registration No. London 322 137.

ENGINEERING
TOMORROW

## Comfort Modes

*NOTE:*
*TPOne has been designed with touch sensitive user interface buttons. To avoid accidental setting changes the interface buttons stay in an idle state during which time the first button press needs to be made for 1sec, this will place the TPOne into an active setting state. While active the TPOne will respond immediately to any valid key press. If no key presses are made for 30secs the buttons will go back to an idle state.*

OK

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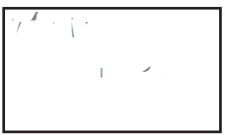
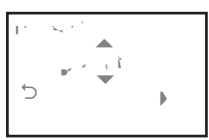
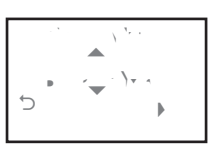
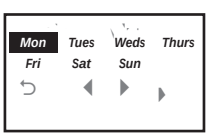


*See page 22 for default schedule times*







*Note: Independent tests have proven that a reduction in home heating temperatures by 1oC can save on average 10% energy.*

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| | *Note: if batteries are removed or have expired for more than 2mins a startup wizard will prompt for date to be reset.* |
| | *Note: if batteries are removed or have expired for more than 2mins a startup wizard will prompt for time to be reset.* |
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