

PLEASE LEAVE THIS INSTRUCTION
WITH THE USER

GB

Superior Ci

User Instructions



*The code of practice for the installation,
commissioning & servicing for central heating systems*

WRAS
APPROVED
PRODUCT

CERTIFICAZIONE
DEL SISTEMA DI
QUALITÀ AZIENDALE

ISO 9001
registered by

GASTEC

The Sime logo, consisting of a stylized, grey, curved swoosh that resembles a wing or a flame, positioned above the word "sime" in a bold, lowercase, sans-serif font. A registered trademark symbol (®) is located to the upper right of the word.

sime®

USER INSTRUCTIONS

VERY IMPORTANT!

PLEASE MAKE SURE YOUR LOG BOOK ENCLOSED IS FILLED IN CORRECTLY.
ALL CORGI REGISTERED INSTALLERS CARRY A CORGI ID CARD.
BOTH SHOULD BE RECORDED IN YOUR CENTRAL HEATING LOG BOOK.
YOU CAN CHECK YOUR INSTALLER IS CORGI REGISTERED
BY CALLING ON 01256 372300

OPERATING INSTRUCTIONS FOR THE USER

GAS SAFETY [INSTALLATION AND USE] REGULATIONS [as amended]. It is the law that a registered person, in accordance with the above regulations, installs all gas appliances. Failure to install appliances correctly could lead to prosecution. It is in your own interest, and that of safety, to ensure that the law is complied with.

It is essential that the appliance be correctly earthed.

An electricity supply of 230 V ~ 50 Hz fused at 3 A is required.

Read these instructions carefully before attempting to operate the appliance.

1.1 INTRODUCTION

The Sime "Superior Ci" are a range of wall mounted cast iron boilers. They utilise a fully automatic ignition system together with electronic temperature control. The combustion system is fan assisted and uses a concentric flue and air duct that

can exit the boiler to either side or to the rear, ending in a small balanced flue terminal on the outside wall. The appliance is suitable for use with natural gas.

1.2 APPLIANCE OPERATION

The installation engineer will have set the range rated appliance to the correct heating requirement for the property. There should be no need to adjust the boiler control once it has been set unless the temperature set point needs to be increased or decreased. The thermostat knob will adjust the set point temperature of the electronic controls in the appliance. Turning clockwise increases the set point.

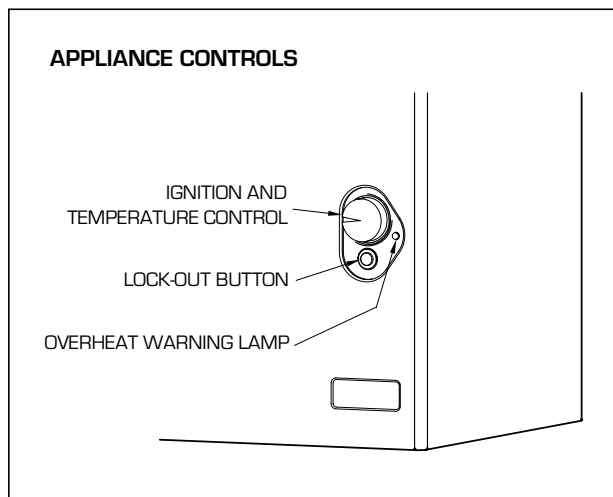
A demand for heat from the external controls will:

- check the air pressure switch,
- start the fan,
- confirm correct air flow through the appliance,
- start the spark generator,
- open the gas valve,
- ignite and prove the flame,
- monitor the appliance flow temperature, switching the appliance on and off as necessary.
- should the appliance fail to light, the lockout button will illuminate.

1.3 OPERATING INSTRUCTIONS

1.3.1 To light the appliance

- Turn on the electrical supply and set all external controls to on.
- Turn the boiler control to maximum and check the pump is operating correctly and water is circulating.
- After a short period the ignition lockout indicator will be illuminated, after a 10 second wait depress the lockout button to reset the ignition sequence. Turn off the boiler control.



- Turn on the gas supply.
- Turn the boiler control on, and to maximum. Check the boiler lights.
- Set the boiler control to the required temperature for the maximum boiler flow. Turning clockwise increases the set point temperature.
- Make sure the external controls are fully operational and the complete system is controlled correctly.

1.3.2 To turn the appliance off

The appliance may need to be switched off for short periods. If required the boiler control may be rotated to the 'OFF' position [completely anti clock wise] which will prevent the appliance from operating in the event of a demand from any external controls.

If the appliance is to be switched off for long periods the boiler control should be rotated to 'OFF' and the electrical supply to the complete system should be isolated.

If the appliance is to be switched off for a prolonged length of time during severe cold conditions then it is recommended that the complete heating system and appliance is drained to prevent freezing. A service engineer would normally be required for this.

If a frost thermostat is fitted to the heating system, no draining of the system is required, leave the appliance switched on and the temperature control at its minimum setting and turn any external timer controls off. This will allow the appliance to operate via the frost thermostat and prevent the system from freezing.

1.4 MINIMUM CLEARANCES

The following MINIMUM CLEARANCES must be available for servicing the appliance:

ABOVE THE APPLIANCE CASING	200 mm	8 in
AT THE R.H.S.	15 mm	$\frac{5}{8}$ in
AT THE L.H.S.	15 mm	$\frac{5}{8}$ in
BELOW THE APPLIANCE CASING	200 mm	$7 \frac{7}{8}$ in
IN FRONT OF THE APPLIANCE	500 mm	$19 \frac{3}{4}$ in

1.5 ROUTINE SERVICING

To ensure continued efficient operation of the appliance, it is recommended that it is checked and serviced as necessary at regular intervals.

The frequency of servicing will depend upon the particular installation conditions and usage but in general once a year should be adequate. It is the law that any service work must be carried out by a registered person (C.O.R.G.I.).

1.6 GENERAL INFORMATION

1.6.1 Appliance overheat thermostat

The appliance is fitted with a safety cutout thermostat. In the event of the appliance overheating this will prevent the appliance from functioning.

If this occurs, both the overheat warning lamp and the ignition lock out indicator will illuminate. Allow the appliance to cool, depress the ignition-reset button and turn the rotary control to 'OFF'. Switch the electricity supply to the appliance off, this will reset the overheat warning lamp. Switch the electricity supply to the appliance on and reset the rotary control to its original position. If the external controls are calling for heat, the appliance will perform an ignition sequence and the burner will light.

If the situation is repeated, turn off the electrical supply and consult your installer or a service engineer.

1.6.2 Electrical supply

An interruption in the electrical supply whilst the burner is alight may cause the overheat thermostat to operate. If this happens and the electrical supply is restored whilst in this condition, the warning lamps may illuminate after an ignition sequence (refer to section 1.6.1). However should the electrical supply be restored after the appliance has cooled, normal operation will be restored.

1.6.3 Cleaning

Use only a damp cloth and mild detergent to clean the appliance outer casing. Do not use abrasive cleaners. It is recommended to clean the outer case when the appliance is cold.

1.7 SAFETY

It is essential that the instructions in this book are strictly followed for the safe and economical operation of this appliance. The appliance functions as a fan assisted balanced flue unit. The flue terminal **MUST NOT BE OBSTRUCTED** under any circumstances. If damaged, turn off the appliance and consult the installer, service engineer or gas supplier. If it is known or suspected that a fault exists on the appliance it **MUST NOT** be used until a competent person has rectified the fault.

WARNING: IF A GAS LEAK IS SUSPECTED OR EXISTS, TURN OFF THE GAS SUPPLY TO THE APPLIANCE AT THE GAS SERVICE COCK. DO NOT OPERATE ANY ELECTRICAL SWITCHES. DO NOT OPERATE ANY ELECTRICAL APPLIANCES. OPEN ALL WINDOWS AND DOORS. DO NOT SMOKE. EXTINGUISH ALL NAKED FLAMES. CONTACT THE GAS SUPPLIER IMMEDIATELY.



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