

Grant

sous vide bath

Quick start

Operating conditions

1. Read these instructions, safety may be impaired if they are not followed
2. Only connect to the voltage and frequency shown on the serial number plate
3. Place the bath on a level non-combustible surface
4. Fill the bath with water before switching on
5. Place circulation tray in bottom of bath
6. Place lid on the bath with temperatures over 60 °C
7. The bath may only be used with water as the bath medium
8. Ensure the bath is positioned so the plug is easily accessible for disconnection
9. Do not use the bath to heat any material that could cause a fire or other hazard

Setting the temperature via menu

1. Press **S** to enter the menu; the display will show °C; press **S** to enter temperature setting mode and the display will flash once a second with the current set temperature
2. Press **up** or **down** arrow to set the desired temperature
3. Press **S**; this will store the requested value and the display will revert to showing the actual water temperature

Setting the temperature using short cut **

Pressing the **up** or **down** arrow will go directly to step 2 above without using the menu.

Setting single point correction

This feature allows the user to correct the control temperature by +/- 5 °C.

It is recommended that the temperature is measured using a calibrated thermometer before this procedure is completed.

1. Press **S** to enter the menu; the display will show °C; press either **up** or **down** arrow and the display will show SPC. Press **S** to enter SPC mode and the display will flash once a second with the current value
2. Press **up** or **down** arrow to set the desired offset to the temperature.
3. Press **S**; this will store the requested value and the display will revert to showing the actual water temperature (new corrected value)
4. The bath will then start to control to the new value

To cancel the single point calibration set the value to 0 in step 2 of the instructions above.

Notes

During any adjustment, if no key is pressed for 15 seconds, the display will revert to showing the actual temperature and the value will remain unaltered.

During heating or cooling to the set temperature, the last display digit shows a rising or falling bar pattern until the temperature is within 1°C of the set value **

** Supported by units from Oct 2008

Safety cut out

If the bath temperature exceeds 135 °C the safety cut out will operate and the display will flash ERR. To reset the cut out follow the procedure below:

1. Turn the bath off and disconnect the mains lead
2. Locate the safety cut out which is on the rear of the bath, on the opposite side to the mains lead
3. Unscrew the black cover from the safety cut out
4. Press the reset button in the centre of the safety cut out
5. Replace the cover and reconnect the power
6. The bath can now be operated as normal

Maintenance and Service

Cleaning

Clean the bath with a damp cloth, using only water. Do not use chemical cleaning agents. Scale on immersed parts can be removed using chemical de-scaling products designed for use on kitchen equipment which has metal parts.

Warning - De-scaling products may be toxic - follow the manufacturer's instructions.

Conditions of use

The water baths are for indoor use only. Check that the environmental conditions are within the following limits:

Temperature	5 to 40 °C
Maximum relative humidity	80 % r.h. in room temperatures up to 31°C decreasing linearly to 50 % r.h. at 40 °C
Altitude	Up to 6,500 feet (2,000 m) above sea level

Electrical details

Mains supply 230Vac (+/-10%), 50 Hz (+/-10%)

Model	Capacity	Watts	Fuse rating Amps
SV5E	5L	375	5
SV12E	12L	770	10
SV26E	26L	1500	10

Replacement of fuses

Fuses are Littlefuse 3AB 314 series fast-acting, high breaking current (max breaking current at least 750 A). Dimensions are 1.25 inch long with a 0.25 inch diameter. Replace fuses only by the same type and rating.

Guarantee

When used according to these operating instructions, these baths are guaranteed for 2 years against faulty materials or workmanship.

Service

There are no user serviceable parts inside the unit.

If potentially hazardous liquid is spilt onto the equipment, disconnect it from the power supply and have it checked by a competent person. It is the user's responsibility to carry out appropriate decontamination if hazardous material is spilt on the equipment.

For service or repair please contact our Service Department in the UK.

Service Address:

Service Department, Grant Instruments (Cambridge) Ltd
Shepreth, Cambridgeshire, SG8 6GB, England.

Tel: +44 (0) 1763 260 811

Fax: +44 (0) 1763 262 410