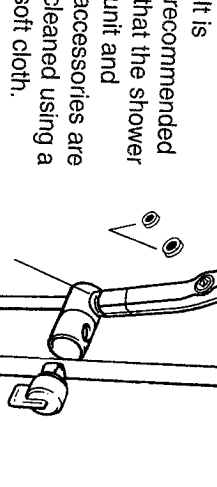


- a) That the water gets to a satisfactory temperature.
  - b) The water flow can be adjusted and stopped by the inner knob "B".
  - c) Power selection operates in all 4 positions, giving a change in water temperature and that the "heat" light functions correctly.
  - d) Check again for leaks.
  - e) That the holes in the showerhead are not blocked.
- 7 DEMONSTRATE OPERATION TO THE USER, AND LEAVE THIS BOOKLET WITH THE USER.

Diagram 9

**How to maintain your Redring shower**



It is recommended that the shower unit and accessories are cleaned using a soft cloth.

**DO NOT** use powerful abrasive or solvent cleaning fluids. It is advisable to switch off the shower at the isolating switch to avoid the shower accidentally switching on.

**IN ORDER TO MAINTAIN THE PERFORMANCE OF YOUR SHOWER YOU MUST CLEAN THE SPRAYHEAD.**

All water contains particles of lime which build up in the sprayhead and unit reducing the performance. It is therefore important to clean the sprayhead by regularly dipping the spray rings in a suitable descaling solution. The frequency of this will vary from weekly to quarterly depending on water hardness and experience.

Additional Accessories	Cat. No.
1 metre riser rail	83-792521
Std. accessory pack inc. white multi-mode handset	83-593801
Std. accessory pack inc. chrome/white multi-mode handset	83-593802
Isolating valve	93-792452
Shower de-scaling powder	95-711015
Curtain and rail pack with non slip bath mat	83-792801
Curtain and rail pack	83-792802
Multi-mode handset	83-593806

Spare parts/accessories can be supplied against any Credit or Debit cards from Redring Sales 08709 000420.

**GUARANTEE**

We, Applied Energy Products Ltd, guarantee that should this instant water heater prove to be defective by reason of faulty workmanship or material within 36 months of the date of purchase or commencement of hire purchase we will replace the defective parts **FREE OF CHARGE on the condition that:**

- a) The appliance has been correctly installed and used only on the supply circuit or voltage stamped on the rating plate.
- b) The appliance has been used in accordance with these instructions and has not been tampered with or otherwise subject to misuse, neglect or accident.
- c) The appliance has not been taken apart, modified or repaired except by a person authorised by us.
- d) Evidence of the date of purchase in the form of an invoice, receipt (hire purchase documents) is included with the appliance if returned under guarantee.

*This guarantee does not affect your statutory rights.*

Full details of terms and conditions of guarantee are available on request from:

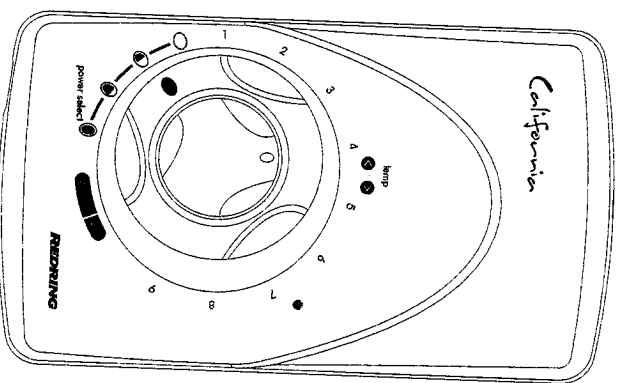
**REDRING**

APPLIED ENERGY PRODUCTS LTD.  
MORLEY WAY, PETERBOROUGH PE2 9JJ  
Tel: +44 (0) 1733 456789 Fax: +44 (0) 1733 310606  
Website: www.applied-energy.com

IC 14 Bands  
559 2326 40A

**THE REDRING SHOWER HANDBOOK**

California



**IMPORTANT:**  
THIS BOOKLET SHOULD BE GIVEN TO THE CUSTOMER AFTER INSTALLATION AND DEMONSTRATION

## What to do if things go wrong SELF HELP

If the shower is unsatisfactory, make the following simple checks before calling out the contractor. Anyone of these adjustments could restore performance.

a) Water too HOT	Increase water flow by adjusting the temperature control anti-clockwise. Clean spray plate. Switch power to "Medium" or "Low".
b) Water too COLD	Check power is on by neon. Decrease water flow by adjusting temperature control clockwise.
c) Spray pattern poor	Switch power to "High" setting. Clean the showerhead.
d) Water takes longer to heat up	Thermal cut-out has operated after previous use. Switch power to "High" setting.
e) Water goes cold	Check neon light is on. Check water pressure has not fallen so far as to let the pressure switch cut out. e.g. Another tap drawing water off. Raise position of showerhead.
f) Broken parts	Please contact our spares dept. on: 08709 000420. Fitting instructions are provided with spares.

### PROFESSIONAL HELP

If all the above checks fail to restore the performance you should seek professional help.

The person who installed the shower is probably the best one to repair it and is certainly the person to contact if you have a problem in the guarantee period.

The following additional checklist is provided for the benefit of the qualified serviceman.

### WARNING!: SWITCH OFF ELECTRICITY AT THE ISOLATING SWITCH BEFORE REMOVING THE COVER TO MAKE CHECKS.

a) Water too HOT	Insufficient water supply. Check the water pressure meets the unit requirements (see note 11 in how to use your Redring Shower).
b) Water too COLD	Check circuit through thermal cut out. Check circuit through microswitches on the pressure switch. Check each element circuit. Check tightness of electrical connections.
c) Water leaks from burst pressure relief valve	Check for cause of high pressure and remove it. Blockage on outlet i.e. Blocked spray plate/kinked hose. Replace the pressure relief disc.

### Redring after sales service

We offer a technical advisory service on the telephone to contractors and other customers with problems in the field.

**RING 08709 000430**

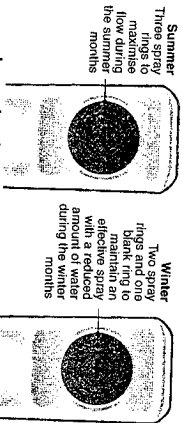
Spare parts/Additional accessories can be supplied.

**RING 08709 000420**

**Credit/Debit cards accepted.**

Remember to quote the exact type of shower, as written on the front of the shower and on this leaflet. It may also be of use to have a note of the catalogue number as stated on the rating plate inside the shower (see diagram 2 for location).

### Handset Details



The spray rings in the handset play a very important part in the successful operation of the shower. A spray is the most efficient and economical way to use the hot water available. A blank ring can be used in Winter to reduce the number of spray holes so as to maintain an effective spray with a reduced amount of water.

## Installation Instructions

All wiring and installation should be supervised by a qualified electrician.

### WARNING! DO NOT INSTALL THIS SHOWER IN A ROOM WHERE IT MAY BE SUBJECT TO FREEZING.

We recommend that the installation is done in the following sequence.

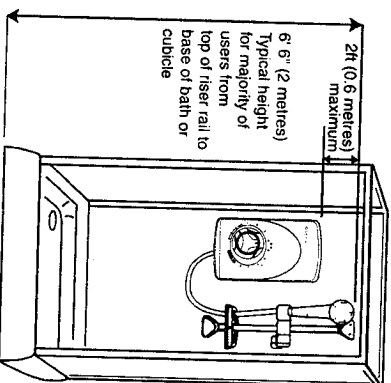
- a) Fixing the shower to the wall
- b) Plumbing
- c) Electrical connections

### a) Fixing the shower to the wall

- 1 Place the riser rail at the height recommended in diagram 4 and mark its position.

- 2 Position the heater so that the sides of the

### Diagram 4.



- b) The heater must not be mounted in the direct spray from the handset.

- c) The handset must not be able to come into contact with the used water in the cubicle, bath or basin. If it can, even after the hose has been retained by the soap dish (see diagram 9), then a vacuum breaker must be fitted. It should be noted that these devices are liable to minor leakage so they must be positioned so that any drips are not detrimental.

- 4 Fix the riser rail with screws provided. The fixing holes at the base of the brackets will be disclosed by removing the plastic fronts. Assemble as shown in diagram 9.

- 5 Decide the position of the electrical cable to the unit. If top or bottom entry is chosen, cut away the relevant walls of the backplate as shown in diagram 5.

- 6 Decide the position of the cold water pip into the unit. If top or bottom entry is chosen, cut away the relevant walls of the backplate and front cover as shown in diagram 5. If rear is chosen refer to note in plumbing section.

- 7 Your Shower is provided with three main fixing positions in the backplate (see diagram 5). The top fixing hole is a key-hole slot and should be marked and drilled first (There is another top fixing hole provided for alternative access). Tighten top screw with head protruding about 10mm from the wall and hook the backplate over the screw head. This allows for correct and accurate alignment of your shower before marking and fixing the bottom positions. You may not wish to tighten up the screws at this stage as the holes are elongated to allow for adjustment after other connections have taken place.

- 3 Adjust the positions to get the most convenient arrangement taking the following into account:-

- a) The possible need to use the handset over the sink for hair washing etc.