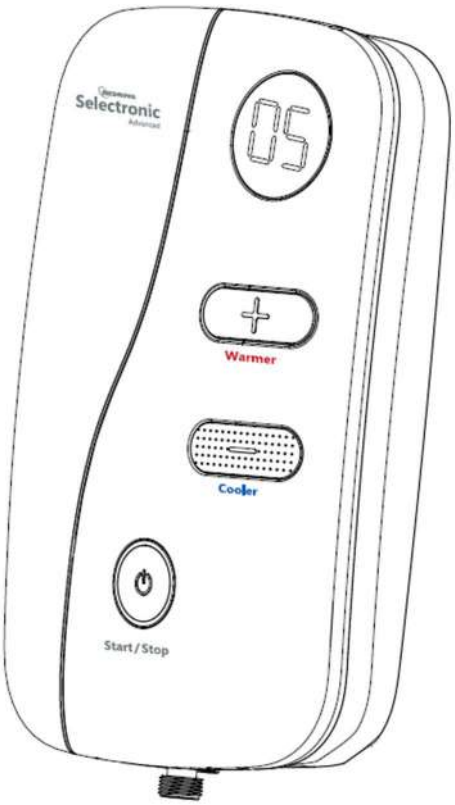
REDRING
SELECTRONIC
ADVANCED

Thermostatic Care Shower Installation and User Guide



This Installation and User Guide is for use with the following Redring Showers

Standard Models

R110054 RSELA85S Selectronic Advanced Thermostatic Care Shower – 8.5kW

R110061 RSELA95S Selectronic Advanced Thermostatic Care Shower – 9.5kW

Plus Models

R110085 RSELA85P Selectronic Advanced Thermostatic Care Shower – 8.5kW

R110092 RSELA95P Selectronic Advanced Thermostatic Care Shower – 9.5kW

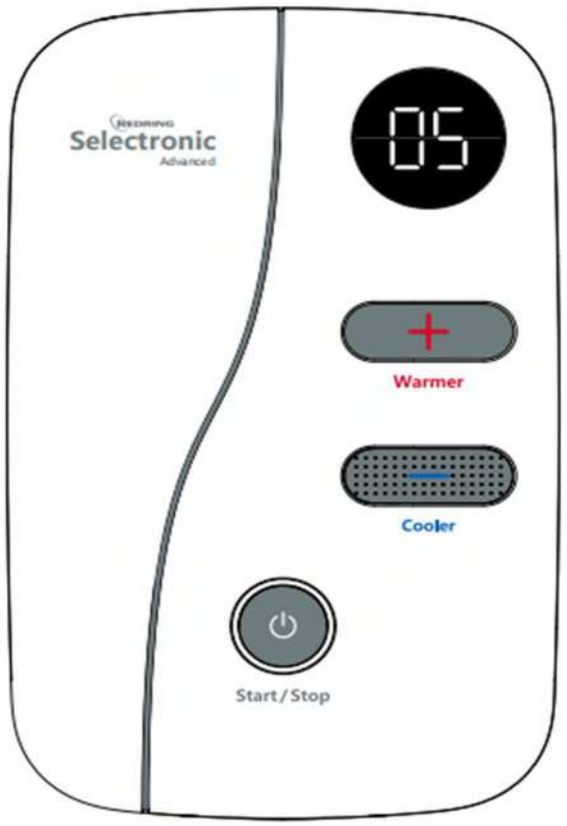
IMPORTANT

This booklet should be given to the customer

After installation and demonstration

THIS APPLIANCE CAN BE USED BY CHILDREN AGED FROM 8 YEARS AND ABOVE AND PERSONS WITH REDUCED PHYSICAL, SENSORY OR MENTAL CAPABILITIES, OR LACK OF EXPERIENCE AND KNOWLEDGE IF THEY HAVE BEEN GIVEN SUPERVISION OR INSTRUCTION CONCERNING USE OF THE APPLIANCE IN A SAFE WAY AND UNDERSTAND THE HAZARDS INVOLVED. CHILDREN SHALL NOT PLAY WITH THE APPLIANCE. CLEANING AND USER MAINTENANCE SHALL NOT BE MADE BY CHILDREN

Selectronic Advanced Standard* / Advanced Plus**



Each Selectronic Advanced shower will be supplied with the following components,

***Selectronic Advanced Standard**

1.25m Stainless Steel Hose
5 Spray Mode Handset
Handset Holder / Slider
540mm Stainless Steel Riser Rail
2 x Fixing Brackets
Soap dish / Hose Retainer

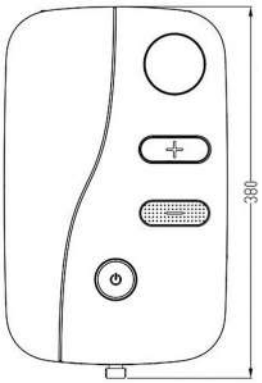
****Selectronic Advanced Plus**

2m Stainless Steel Hose
5 Spray Mode Handset
Handset Holder / Slider
950mm Stainless Steel Riser Rail
2 x Fixing Brackets
Soap dish / Hose Retainer

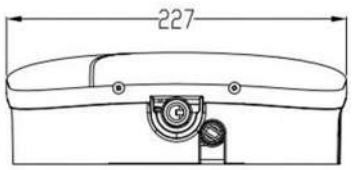
Selectronic Advanced incorporates the Redring Smart Fit system with the following entry points,

8 x Water
6 x Cable

Height (380mm)



Width (227mm)



Depth (74mm)

Contents

Installation Instructions

ALL WIRING AND INSTALLATION MUST BE SUPERVISED BY A SUITABLY QUALIFIED PERSON.

We recommend that the installation be done in the following sequence: -

a) Fix the shower to the wall
b) Plumbing
c) Electrical Connections
d) Commissioning

Warning! Do Not Install The Shower In A Room Where It May Be Subject To Freezing,

a) Fix The Shower To The Wall

When deciding where to place the unit a few things need to be taken into consideration: -

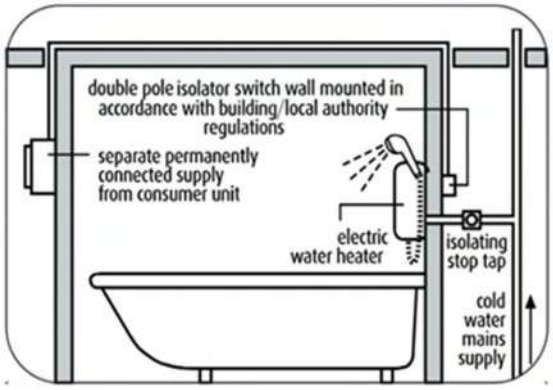
1) The unit **MUST NOT** be mounted directly in the path of the spray from the handset.
2) The handset could be used over a sink for hair washing.
3) The handset does not come into contact with the used water in the cubicle, bath or basin.
A hose retainer is supplied with the Accessories.

4) The unit can be mounted at a lower level for less able users combined with optional extended hose and riser rail.
The installation must comply with **BS 8300-1:2018** Design of an accessible and inclusive built environment – External environment – Code of practice & **BS 8300-2:2018** Design of an accessible and inclusive built environment – Buildings – Code of practice, remembering to adhere to point 1.

5) Choose a flat piece of wall to avoid the possibility of distorting the backplate and making the front cover a poor fit.

Remove the four cover screws and lift the cover off.

A TYPICAL INSTANTANEOUS ELECTRIC SHOWER INSTALLATION



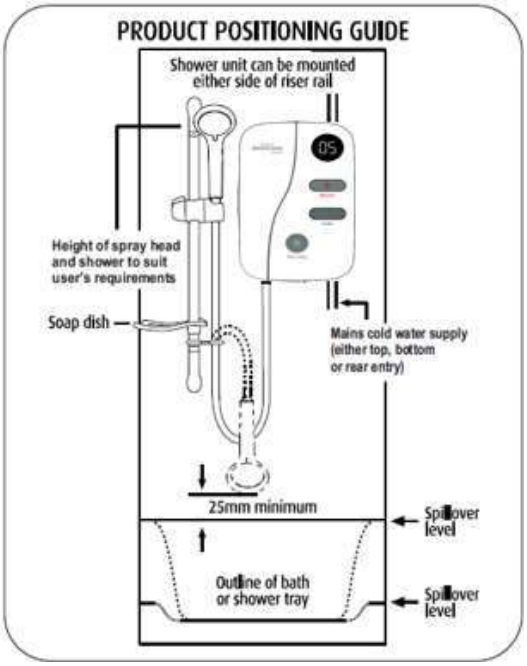


*Image for illustration purposes only, outlet on Selectronic Advanced is positioned centrally.

The Selectronic Advanced has two inlets (one left and one right) once the installer has chosen the inlet that water is to enter from, please remove the three inlet cover screws from that side and remove inlet cover.

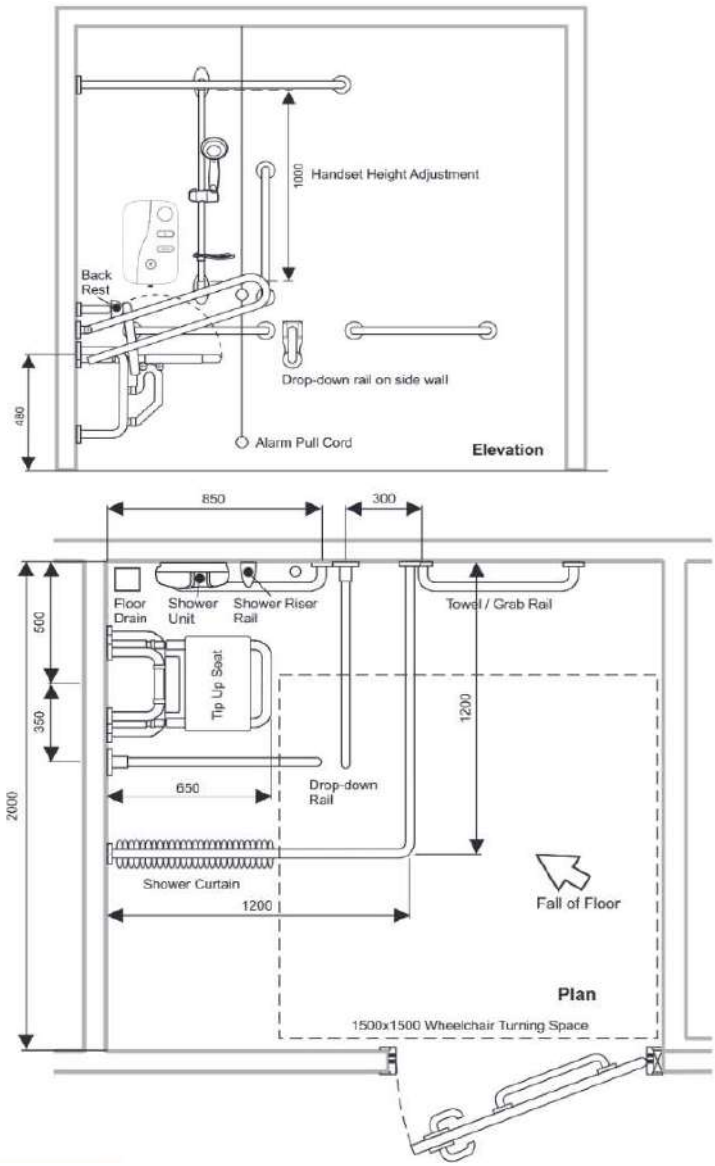
Having determined the direction of the inlet water mains supply and cable approach for the installation (Top, Bottom, Rear, Right or Left or any combination) - it is necessary to remove the appropriate preformed cut out sections. See **Plumbing Connections** and **Electrical Installation** sections (Pages 5 to 7) for detailed guidance.

Hold the shower vertically against the wall and mark the two top holes first.

Drill the holes to take the rawl plugs provided **(Taking care to keep dust away from the shower)**.

Position the shower so that it is vertical then mark and drill the other hole at the base of the shower. Then fix the shower to the wall.

Typical guideline dimensions used for less- abled bathroom installations



All measurements shown are in millimetres. Drawing sizes are not to scale. Shower model shown is a Selectronic Advanced Plus.

Plumbing Connections

Plumbing to be carried out before wiring

DO NOT use jointing compounds on any pipe fittings for the installation.

DO NOT solder fittings near the shower unit as heat can travel along pipework and damage components.

Compression or push fit fittings can be used to connect to the inlet of the shower.

Note: We recommended that a WRAS (Water Regulations Advisory Scheme) listed isolating valve be fitted between the rising main and the unit. This will allow the unit to be serviced without having to turn off the house water at the stop valve.

The unit can be connected to the mains COLD water supply only. This must have a minimum running pressure of 0.05 MPa (0.5bar / 7 p.s.i.) and a maximum pressure of 1MPa (10bar / 145 p.s.i.).

This unit can be fed from a header tank provided this has a minimum head of 5 metres (16.4ft).

Important: Before completing the connection of the water supply to the inlet of the shower, flush out the pipework to remove all swarf and system debris. This can be achieved by connecting a hose to the pipework and turning on the mains water supply long enough to clear the debris to waste.

A blockage in the waterways (particularly the spray plate of the handset and solenoid valve) will prevent the unit from working correctly.

The shower is designed to have an open outlet and should **ONLY** be used with the fittings recommended by the manufacturer.

Installation Procedure

Turn off the water supply either at the mains stop valve or the isolating stop valve.

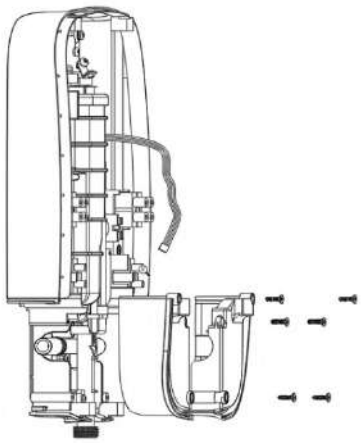
For ease of access to the inlet fittings both the left- and right-hand side feature removeable inlet covers. (See Diagram 1).

Connect the mains water supply to either inlet of the shower via 15mm copper, stainless steel or plastic pipe using a 15mm compression or push fit fitting. **Important!** position the stop end on the opposite inlet not being used.

A push fit or compression 90° elbow can be used on the inlet and rotated through 180° to allow for either Top or Bottom/Rear entry fitting (See Diagram 2).

Installation Note: The inlet fitting can be used with either a compression fitting or push fit fitting. DO NOT use excessive force when making these connections.

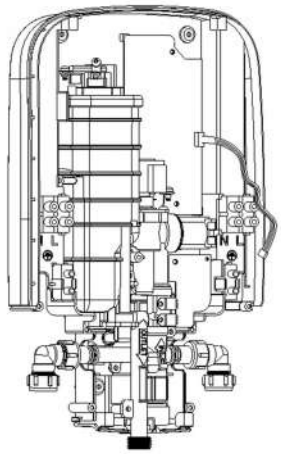
Diagram 1



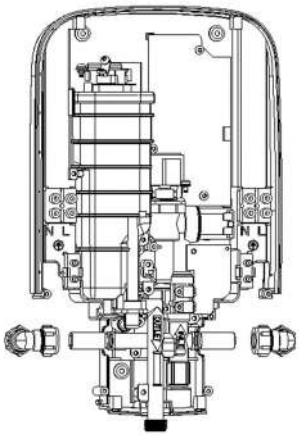
Installation Note: The centre of the inlet valve on either side (left or right) from the wall surface is 23mm.

Diagram 2

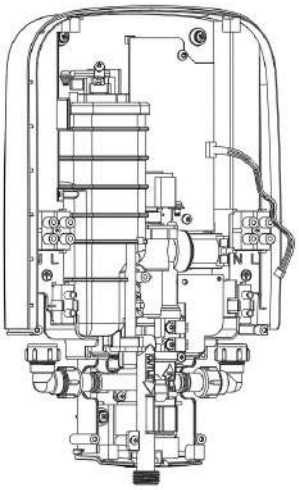
Bottom Entry



Rear Entry



Top Entry



Make sure the backplate is square on the wall and tighten the retaining screws which hold it to the wall.

Turn on the mains water supply and check for leaks in the pipework connection to the shower.

Note: At this stage no water can flow through the unit.

Important: Using a suitable sealant, always seat around the incoming pipework through the wall to prevent water entering the wall.

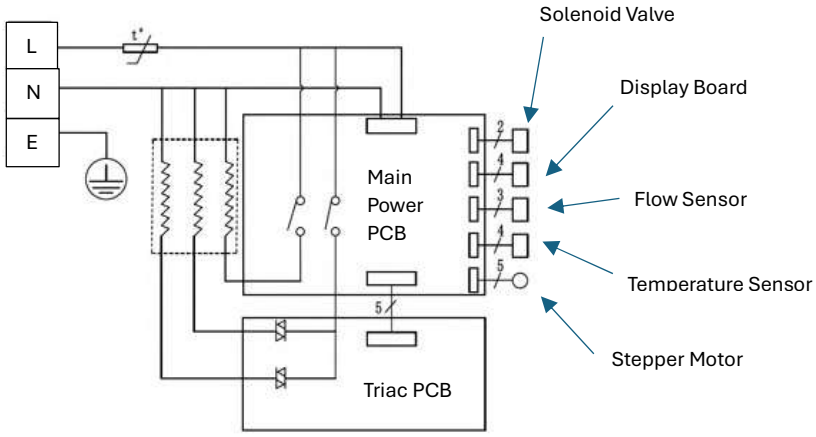
WARNING! The outlet of the shower acts as a vent and **MUST NOT** be connected to anything other than the Hose and Showerhead supplied or approved by the manufacturer.

Electrical Connections

The electrical installation must be in accordance with the current BS EN IEC 60335 1:2023+A11:2023 (I.E.T. regulations) and Part P of the Building Regulations and/or local regulations.
The unit is designed for a single phase 230V (+/- 10%) 50Hz AC. electrical supply.
Please check the rating plate on the unit to see what details apply to your unit.
A means for disconnection in all poles must be incorporated in the fixed wiring in accordance with the wiring rules. **We recommend double pole ceiling switches**.

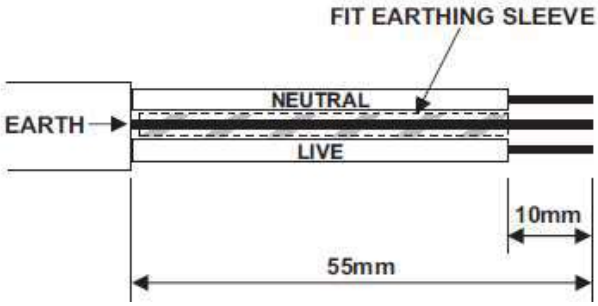
The cable size required is determined by the kW rating of the shower and the distance between the shower and the consumer unit.
The table on Page 7 is for guidance only in choosing the correct cable for your installation.

Wiring Diagram



The cable connected to the appliance must be fixed wiring and should be stripped back as shown in Diagram 3.

Diagram 3



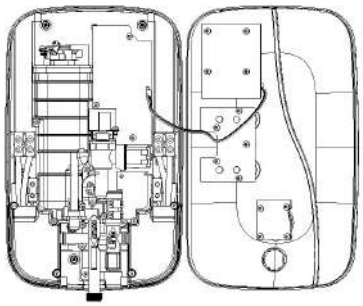
Connect the cable to the terminal block (Left or Right only – only one terminal block is to be used).
Ensure that all the retaining screws are VERY tight, and that no cable insulation is trapped under the screws.

WARNING! Failure To Comply With These Instructions Could Result In A Failure Of The Terminal Block.

Warning! This Appliance Must Be Earthed.

Circuit Protection		
Unit Rating	**MCB**	**Cartridge Fuse**
8.5kW	40A	45A
9.5kW	40/45A	45A
Twin and earth PVC insulated cable Current Carrying Capacity		
Installed in an insulated wall	**In conduit trunking**	**Clipped direct or buried in a non-insulated wall**
6 mm^2 32A	6 mm^2 38A	6 mm^2 46A
10 mm^2 43A	10 mm^2 52A	10 mm^2 63A
Note: Cable selection is dependent on derating factors		

Diagram 4



Replace the inlet covers.

IMPORTANT Connect flying lead from PCB to rear of the front cover – See Diagram 4.

IMPORTANT: On installation the fly lead needs to be inserted into the lower port on the PCB situated on the inside of the front cover.

Replace the front cover and fasten in position with four screws.

IMPORTANT: When removing the fly lead from the PCB, the connector clip of the fly lead must be gently pressed down to release from the ports locking mechanism, while holding the clip down, pull the connector straight out from the port.

Changing 'DIP Switch' Default Setting

WARNING! Switch OFF the electricity at the isolating switch before removing the front cover.

On the PCB, located on the inside face of the front cover there are 6 'Dip Switches' (See Diagram 5).

To access, remove the front cover taking care not to strain the flying lead.

The first 2 switches (SW1 / SW2) control the maximum output temperature of the Shower, default setting is 30-41°C* (**BEAB Care Approved**).

Diagram 5

SW1	SW2	Temperature Range
OFF	**OFF**	30-41*
ON	**OFF**	30-43
OFF	ON	30-47

Switch 3 (SW3) & Switch 4 (SW4) are factory default settings **DO NOT** change.

Switch 5 (SW5) controls gulper pump connectivity and must remain in the off position (**Preset**).

SW5	
OFF	This provides a low voltage pulsed signal output to the pump

Switch 6 (SW6) Timer shutdown function

SW6		
ON	Disable	With this switch in the on position, client controls when shower finishes by pressing the Start / Stop button
OFF	Enable	With this switch in the off position, once the client has started the shower it will switch off after 30 minutes of inactivity.

Once switches have been changed / set as desired, replace and refasten the front cover.

Switch on electricity. Check that the unit operates correctly.

Commissioning

Ensure the water and electricity are switched on to the unit.

1. Press the **Start / Stop** button to turn the shower on, until confirmed with one audible bleep.

2. Immediately press the cooler button and reduce the temperature to 30°C.

3. Allow the shower to run for 20 seconds.

4. Check for leaks.

5. Press the **Start / Stop** button to turn off the shower.

This completes the commissioning process, and the shower can then be operated as normal.

Important Note! Always use the Start/Stop button to switch the shower OFF.

If the ceiling isolator is used to stop the shower running, without first pressing the **Start / Stop** button, then the shower may go into Over Temperature Shutdown the next time it is used.

IMPORTANT! This appliance is not intended for use by persons (including children and the infirm) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

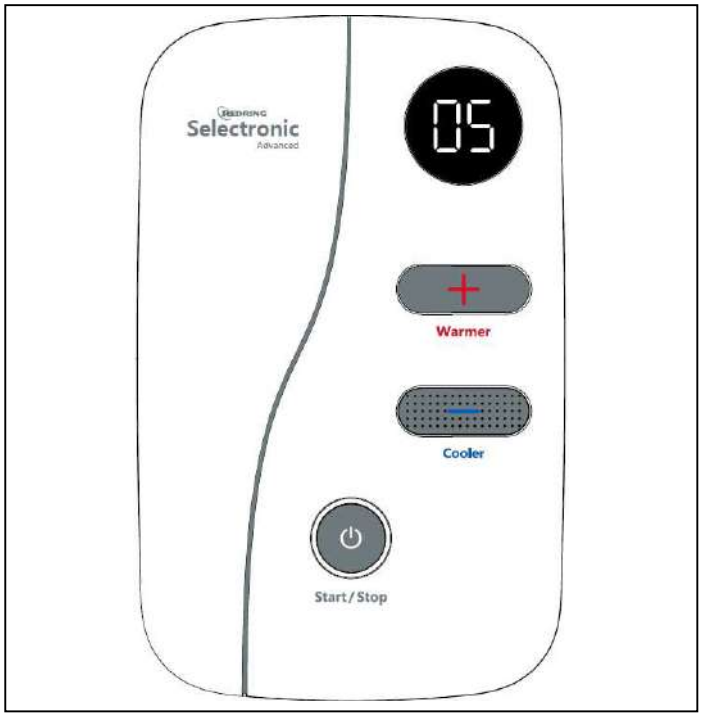
Children should be supervised to ensure that they do not play with the appliance.

WARNING! Do Not Switch The Shower On If You Suspect If Of Being Frozen, Wait Until You Are Sure That It Has Been Completely Thawed Out.

How To Use Your Shower

Your Selectronic Advanced shower has three modes of operation, **BEAB Care Approved** and two **Temperature Lock** positions (43°C & 47°C) using combinations of dip switches SW1 and SW2 – See Changing 'DIP Switch' Default Setting – (Pg 8).
The **Temperature Lock** feature ensures a preset maximum temperature is not exceeded.
The shower is factory preset at **Locked Position 1** (41°C maximum – Temperature range 30 – 41°C – **BEAB Care Approved**).
This can be changed on installation / commissioning for any of the other two options.
Temperature Lock is achieved by limiting the adjustment of the temperature control buttons, so that the less able, elderly and children cannot accidently adjust the shower so that it is too hot.

Button Function	Location	Shape / Texture
Start / Stop	At The Bottom Of The Shower	Circular with a blue led surround. Made From Hard Plastic, With A Matt Finish To Reduce Glare.
Warmer	Towards The Right Of The Shower	Pill Shaped, Smooth With A Raised Tactile Plus Symbol In The Centre. Made From Hard Plastic With A Matt Finish To Reduce Glare.
Cooler	Directly Below The Warmer Button	Same Shape As Warmer However Textured With A Raised Tactile Minus Symbol. Made From Hard Plastic With A Matt Finish To Reduce Glare.



Normal Operation

Diagram 6

Switch On Electricity at ceiling / isolating switch.

Press Start / Stop Button in the centre. (**Confirmed With A Double Bleep**) - See Diagram 6.
The unit will start, the display will initially show set temperature 41°C or 43°C then "00", once shower has reached temperature, the selected temperature will be displayed confirmed by a single bleep.

Temperature Lock Override

As standard the Selectronic Advanced is preset at 41°C (**BEAB Care Approved**) or 43°C outside of this, to override this temperature setting and achieve a higher temperature, the client would need to action as follows,

Higher Temperature: Press and hold the (+) Warmer button for 2 seconds, the shower will bleep and increase the temperature by 1 degree, to increase further please repeat this process.

IMPORTANT: The shower will revert to preset temperature when shower is turned off.

Diagram 7

To Increase Temperature

Press the **Warmer** button once in the centre (**Confirmed With A Single High Pitched Bleep**) - See Diagram 7.
The number will change to a new setting. i.e. if display reads 38°C, pressing once will increase by 1°C to 39°C.

Repeat this for your ideal setting waiting each time for the temperature to be achieved.

Diagram 8

To Decrease Temperature

Press the **Cooler** button once in the centre (**Confirmed With A Single Low Pitched Bleep**) - See Diagram 8.
The number will change to a new setting. i.e. if display reads 39°C, pressing once will decrease by 1°C to 38°C.

Repeat this for your ideal setting waiting each time for the temperature to be achieved.

Switching OFF

When you have finished showering press the **Start / Stop** button in the centre and the shower will enter phased shutdown (**Confirmed with a Single Long Bleep and flashing LED**) – See Diagram 6.

The water will continue to run, and the shower will count down from 6-1 so that the unit is cooled down ready for the next time the shower is used.

The unit will then switch off automatically.

Switch Off Electricity at Ceiling / Isolating switch.

IMPORTANT NOTE! Always use the Start / Stop button to switch the shower OFF.

If the ceiling isolator is used to stop the shower running, without first pressing the STOP button, then the shower may go into Over Temperature Shutdown the next time it is used.

Over Temperature Shutdown

If an abnormal condition occurs which causes the water to get too hot, The Selectronic Advanced will automatically shut down straight away and the water will stop flowing. This is to prevent any hot water coming out of the handset.
This is indicated by the display showing a lowercase "**ot**" and the **Start / Stop** button flashing rapidly.
This will continue until the water is at a safe temperature. The unit will then switch off automatically and will need to be restarted in the normal way (see "normal operation" section).
It can take a long time for the unit to reach a safe temperature. To speed this temperature reduction up, the hot water can be purged - See **Purging / Cold Water Function** (Pg 11).

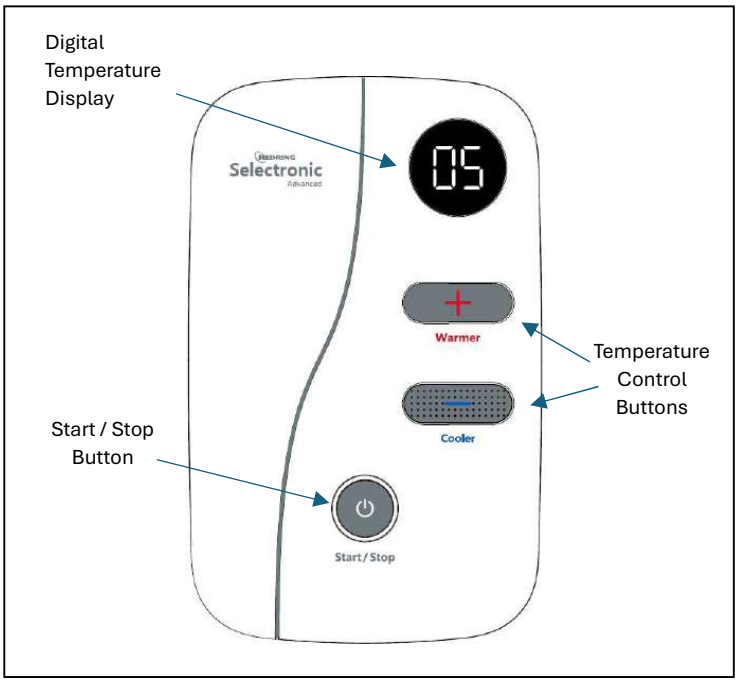
Purging / Cold Water Function

Ensure electricity at ceiling / isolating switch is turned on.

With the Selectronic Advanced turned off, press and hold the temperature "**+**" & "**-**" buttons simultaneously for 2 seconds, this will open the solenoid valve and cold water will then flow through and cool the unit down (run for approx. 1 minute).
Press **Start / Stop** button to return shower back to normal setting.

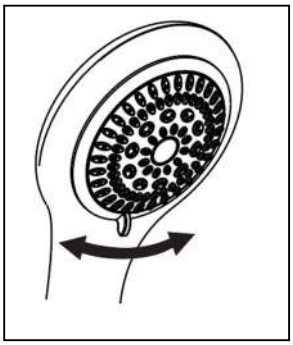
How Your Shower Works

1. Water is heated instantaneously as it flows over the heaters in the heat exchanger assembly.
2. The thermostatic shower automatically adjusts the power to the heating elements and flow of water to achieve the selected water temperature. The electronics senses the incoming water temperature and the flow of water through the heat exchanger. It then works out how many heaters to switch on so that the shower temperature matches the temperature selected by the buttons.
3. The amount of hot water available at the selected temperature is limited by the total power of the heater. The Ideal flow rate is calculated and adjusted automatically.
4. The water is turned on and off by the solenoid valve built into the Shower.
5. A stabiliser is built into the flow valve to automatically compensate for small fluctuations in water pressure that frequently occur in households.
There are three further controls to cater for exceptional reductions in water pressure to prevent the shower from getting too hot.
a) If the flow of water is less than 2.0 l/min the power to the elements is switched off, but the solenoid valve remains open allowing water to flow through the shower.
b) If the outlet temperature sensor senses an excessive temperature, the flow of water and the heating elements will automatically switch off. The electronics will signal Over Temperature condition (see "**Over Temperature** shutdown" section).
c) A two-stage mechanical thermal cut-out is mounted on the top of the heat exchanger independent of the electronics. Stage one switches the power off to the elements if it senses an excessive temperature. The switch operates with an audible click and will reset if cold water is run through the shower.
Stage two only operates if an extreme temperature is sensed. The cut out will permanently switch off, if "ot" continues to be displayed following purging please contact Redring Customer Service.
6. A pressure relief device is fitted to safeguard against abnormal pressure conditions, and provides a level of appliance protection should an excessive build of pressure occur within the shower. If this operates a replacement part will be required. It is advised to also consider replacing the shower head and hose at the same time.



Handset Operation

There are five defined spray plate setting modes (patterns) adjustable by rotating the spray plate. These modes (patterns) have a positive click to identify them.
The spray plate rotates through a limited travel and changes spray pattern with every click.
So you can choose your favourite setting to enhance your shower experience.

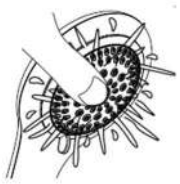


THE SHOWER IS DESIGNED AND APPROVED TO EN-60335 WITH THE HANDSET PROVIDED. UNDER NO CIRCUMSTANCES MUST ANY HANDSET THIS IS NOT APPROVED BY THE MANUFACTURER BE USED WITH THIS PRODUCT.

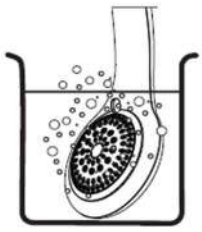
Routine Maintenance

Handset:

In Order To Maintain The Performance Of Your Shower You Must Clean The Shower Head Regularly.
All water contains particles of lime-scale, which build up in the showerhead and unit reducing the performance.
It is therefore important to clean the showerhead by simply rubbing the rubber nozzles or soaking in proprietary lime-scale remover and rinsing thoroughly before use.
The frequency of this will vary from weekly to quarterly depending on the water hardness and experience.
In some winter conditions, when the incoming mains water is particularly cold it may be necessary to select the inner or outer spray pattern only; this will ensure correct operation of the shower with a slightly lower water flow rate.
After use it is normal for some water to drip from the spray head for a few moments. This helps prevent scale build up over prolonged use.



Daily Cleaning
To break away scale on a daily basis, rub your thumb over the surface whilst the shower is running.



Periodical Maintenance
If scale deposits are stubborn, soak the shower head in proprietary limescale remover and rinse thoroughly before use.

Shower Accessories:

It is recommended that as well as checking the showerhead as detailed above, the shower unit, riser rail, hose etc. be cleaned using a soft cloth and that the use of abrasive or solvent based cleaning fluid be avoided, especially on any plated finishes.
We recommend that before any cleaning, the isolating switch be turned off, thus avoiding accidentally switching on the shower.

You Must Regularly Inspect The Shower Hose For Wear And Damage. Replace If Necessary, Or Every Two Years, With Our Approved Part.

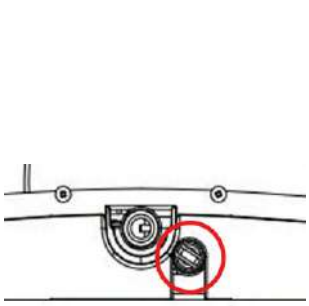
Periodical Maintenance

Cleaning the Filter

It is recommended that the filter is periodically cleaned in order to maintain the performance of the shower. It is essential that this operation is carried out by a competent person.

WARNING! Switch OFF the electricity at the isolating switch and the water supply at the mains.

The inlet filter is situated inside the water inlet assembly and is removable from the base of the shower (see below) unit using a flat headed screwdriver, carefully insert into the inlet and turn anticlockwise.
Once filter has been removed following the above process, Inspect the 'O' rings on the filter body for any damage.
When cleaning the filter, **DO NOT** use a sharp object, as it will cause damage. It is preferable to use an old toothbrush or similar
Do not remove the filter mesh from the body and clean whilst still in position.
Refit the filter making sure it is screwed fully home. Do not over tighten.



Trouble Shooting (User)

If the performance of the shower deteriorates in service, follow the checks in the “Self Help” table below before calling out the contractor.
Any one of the simple adjustments could restore the performance.
If these 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.

Self Help Check List

a) Water too HOT	Press the cooler button. Clean spray plate holes on showerhead.
b) Water too COLD	Press the warmer button.
c) Spray Pattern Poor	Clean spray plate. Select Outer/Inner only
d) Display behaves erratically.	Switch OFF electricity at ceiling/wall isolating switch, wait a few seconds, switch on again. (Note: The shower should be switched OFF each time after use at the ceiling/wall isolating switch.
e) Water does not flow when START/STOP button is pressed. Lights ON. "ot" in display. No lights.	Note: If there is no water flowing the shower will automatically switch OFF after about 5 seconds. Check the water supply is turned ON. Unit in over temperature mode see section on "Over Temperature Shutdown" Check ceiling/wall isolating switch in ON. Check power is ON.
f) Warmer/Cooler buttons do not function.	Temperature range may be limited by Temp/Lock setting.
g) Unit makes a whirring noise, especially at the start of the shower session.	This is normal. There is a motor inside the shower used to adjust the flow and this always operates at the start of each shower.

Trouble Shooting (Installer)

Professional Service Check List

This additional checklist is provided for the benefit of the qualified service representative.

WARNING! Switch Off The Electricity At The Isolator Before Removing The Front Cover To Make Checks.

a) Poor temperature control.	Check inlet/outlet thermistors to see if they are in circuit. Check for blockage in the inlet filter.
b) Water too COLD	Check circuit through thermal cut-out. Check circuit through two elements. Test should be done using a low voltage resistance meter whilst the power is switched OFF at the isolating switch. Check working voltage.
c) No water when START/STOP button is pressed	Check water supply. Check circuit through solenoid coil. If OK replace Main Power PCB (Contact Redring Support for further assistance).
d) Pressure relief valve operated.	Check for cause of high pressure and remove it. Replace pressure relief valve. (Not covered under Guarantee).
e) Temperature buttons have a limited adjustment range	Unit is in Temp/Lock mode. See “Changing ‘DIP Switch’ Default Setting – Pg8 & Temperature Lock Overide - Pg 10”
f) Shower runs briefly or will not start	Flow transducer fault.
g) Abnormal flow rate, the water supply is less than 2 litres	Display LP; The Start / Stop button LED light flashes slowly (Contact Redring Support for further assistance).
h) Abnormal outlet sensor, the sensor is open-circuited or short-circuited	Display E1; The Start / Stop button LED light flashes twice (Contact Redring Support for further assistance).
i) Abnormal inlet sensor, the sensor is open-circuited or short-circuited	Display E2; The Start / Stop button LED light flashes three times (Contact Redring Support for further assistance).
J) Ultra high temperature, the outlet water temperature is too high	Display ot; The Start / Stop button LED light flashes rapidly – Unit in over temperature mode see section on "Over Temperature Shutdown"

Energy Related Product Directive (ErP)

ENERGY RELATED PRODUCT DIRECTIVE (ErP)

This information shows how our products pass the relevant European union energy directives (ErP).

Manufacturer	**Redring**	
Product	**RSELA85S**	**RSELA95S**
	RSELA85P	**RSELA95P**
Load Profile	XS	XS
Efficiency Class	A	A
Efficiency %	37	37
Consumption (kWh / annum)	495	552
Thermostat Setting (°C)	41	41
Sound (dB)	15	15
Precautions	Follow all product installation, care and maintenance instructions as listed in this "instruction / installation" manual	

Gulper (Waste) Pump Connection

WARNING! Switch Off The Electricity At The Isolator Before Removing The Front Cover.

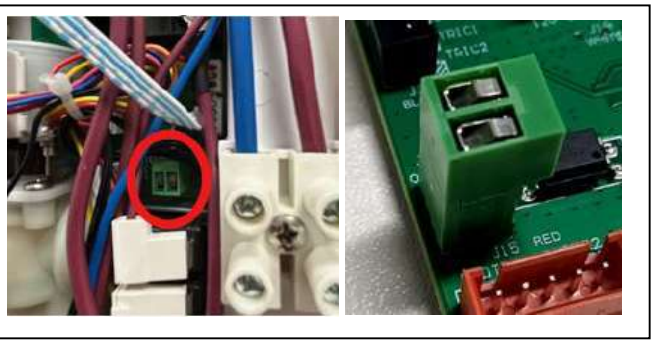
The Selectronic Advanced as standard includes the ability to be connected to a gulper pump for when gravity drainage is not possible, to connect the pump using wired connectivity, please use the pump signal and ground wires.

To access, remove the front cover taking care not to strain the flying lead.

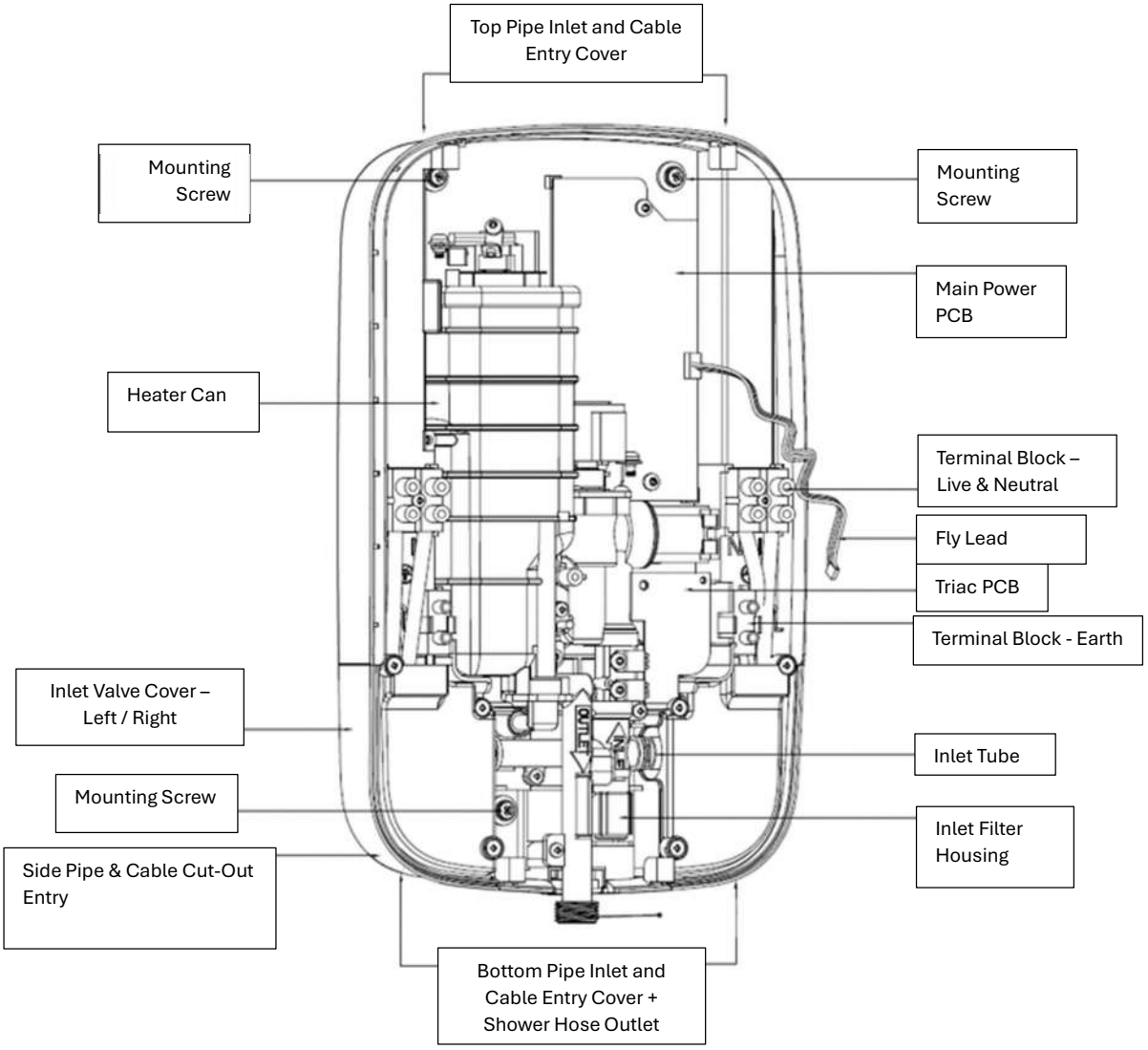
To fit the two wires, please first remove the two-wire connector (non-polarised) from the main PCB (image below), insert and secure the ground and signal wires, then plug the connector back into the two-pin housing.

When the shower is then switched on that will automatically send a signal to the pump to activate and expect incoming water.

The dip switch is preset for wired connections to a gulper pump - see **Changing 'DIP Switch' Default Setting** (Pg 8).



Main Components – Redring Selectronic Advanced – Standard / Plus



UK Only:
Redring products deliver reliable service for normal, household use in domestic settings. All Redring products are individually tested before leaving the factory.

If you are a consumer and you experience a problem with your product, which is found to be defective due to faulty materials and workmanship within the warranty period, This Redring warranty will cover repair or at the discretion of Redring replacement with a functionally equivalent Redring Product.

The Redring warranty period is three calendar years* from the date of purchase of your Redring product, or the date of delivery of the product, if later. The Redring warranty is conditional upon you providing the original purchase receipt proof of purchase. Please therefore retain your receipt as proof of purchase.

*Five calendar years if registered within 30 days of installation (Please register on www.registermywarranty.co.uk).

Customers outside UK – See International below.

If your Redring product is not covered by this Redring warranty, there may be a charge to repair your product. However, we will contact you for an agreement to any charges before any chargeable service is carried out.

What is not covered by a Redring warranty?
The Redring warranty does not cover any of the following:
Any fault or damage to your Redring product due to faulty materials or workmanship occurring outside the three-year warranty*.
Any fault or damage occurring to any pre-owned Redring product or to any other equipment or property.
Accidental damage to your Redring product or damage to your Redring product from external sources (for example, transit, weather, electrical outages or power surges).
Fault or damage to your Redring product which is:
Not due to faulty materials or workmanship or which is due to circumstances outside Redrings control.
Caused by use of your Redring product for anything other than normal domestic household purposes in the country where it was purchased.
Caused by any misuse, abuse or neglect use of the Redring product, including but not limited to any failure to use it in accordance with the Operating instructions supplied with the product.
Caused by any failure to assemble, install, clean and maintain your Redring product in accordance with the Operating Instructions supplied with the product unless this was carried out by Redring or its authorised dealers.
Caused by repairs or alterations to your Redring product not carried out by Redring service personnel or its authorised dealer(s),
Caused by use of any consumables or spare parts for your Redring product which are not Redring specified.

Terms and Conditions
The Redring warranty is valid from the date of purchase of your Redring product from a recognised retailer in the country of purchase and use, or the date of delivery of the product if later, always provided the original receipt has been retained and is produced as proof of purchase.
You must provide to Redring or its authorised agents on request the original receipt as proof of purchase and – if required by Redring – proof of delivery. If you are unable to provide this documentation, you will be required to pay for any repair work required.
Any repair work under the Redring warranty will be carried out by Redring or its authorised dealer(s) and any parts that are replaced will become the property of Redring. Any repairs performed under the Redring warranty will not extend the warranty period.
Any replacement of your Redring product by Redring during the warranty period will start the three-year warranty* period afresh from the date of delivery of the replacement Redring product to you.
The Redring warranty does not entitle you to recover of any indirect or consequential loss or damage including but not limited to loss or damage to any other property.
The Redring warranty is in addition to your statutory rights as a consumer and your statutory rights are not affected by this Redring warranty.

Contact Redring
If you have any questions about what Redring warranty covers and does not cover or how to claim under Redring warranty, please contact us using the information below.

International
Warranty: Contact your local distributor or Redring direct for details.
Technical advice and service: Contact your local Redring distributor.

For electrical products sold within the European Community. At the end of the electrical products useful life, it should not be disposed of with household waste. Please recycle where facilities exist, Check with a Local Authority or retailer for recycling advice in your country. Batteries should be disposed of or recycled in accordance with WEEE Directive 2012/19/EU. Packaging should be recycled where possible.

BEAB Care In-Service Test Record

RKW PO Number: _____ Installation Date: _____

Installation Address: _____

Installed by: _____ Location of Shower: _____

Model No: _____

Maximum Temperature Setting: _____
(Maximum 41°C for showering)

For BEAB Care Dip Switch SW1 and SW2 must be set to OFF

Not Operating			Normal Operation			Restricted Supply		
Terminal Block Voltage (V)	Inlet Water Temp (°C)	Inlet Filter Cleaned	Terminal Block Voltage (V)	Outlet Water Temp (°C)	Flow Rate (l/min)	Outlet Water Temp (°C)	Flow Rate (l/min)	Date / Signature

Please record all service test data on this form, including details of measurement equipment used.

Contact Details

Imported by R K Wholesale Limited, ST4 2NL, UK

EU Rep: RKW Belgium SRL, 1160 Auderghem, Belgium

Website: www.rkwltd.com / www.redring.co.uk

Customer Service Email: redringsupport@rkwltd.com

Customer Service Phone Number: 0333 220 6095

*Calls charged at low call rate plus your telephone company's network access charge.

Disregarding the instructions given in this manual in its entirety and any relevant regulations, standards and code of practice will void the guarantee of this product. RKW reserve the right to revise products, literature and guarantee terms without prior notice due to a policy of continuous improvement.