

IMPORTANT
READ THIS
MANUAL
BEFORE USE

Vanna height adjustable bath

Owners Manual and Installation guide

Guarantee

This product is guaranteed against all defects in
manufacture for a period of one year

This does not affect your statutory rights

Warranty Number:

Operating instructions Vanna height adjustable bath.

Product description.

The Vanna is powered by a 24 Volt direct current control system, with battery backup for use in the event of supply failure.

It is essential that the mains power is switched on at all times to charge the backup batteries.

The Bath is intended for bathing children and adults, who are capable of maintaining an upright sitting position. The bath must not be used for any other purpose.

Carry out the following checks daily; before using the bath.

Check the bath is permanently connected to a 230 Volt mains electrical supply.

Check there are no obstructions or items that may be trapped when the bath is operated.

Check the tub will raise and lower properly using the handset.

Check the temperature of the water in the tub before use.

Before use



Do not place or store anything under the bath.

Lowering the bath onto a object under the bath may cause severe damage.

Check that the bath will lift and lower, also that the door operates, using the handset.

Check that the electrical supply is switched on.

Adjusting the height of your bath

The bath is operated with a four-button handset. Pressing one of the lower buttons will either raise or lower the bath as required.

The door is operated by the upper buttons.



Ensure that there are no objects under the bath that could be trapped when lowering

Instructions for use.

Lower the bath to a convenient transfer height.

Open the door completely using the top right hand button on the handset.

Transfer the client into the tub, the door may be used to seat the client during transfer.

Maximum load on the door is 130Kg.

If the client is above 130Kg transfer using a hoist will be necessary.

When the client is in the tub the door may be closed, ensure the doorway is clear and the client cannot be caught in the door as it is closed.

If the door is operated when it is supporting the client, the door is spring loaded and will raise automatically when weight is removed from the door.

Filling the tub.

Ensure the water temperature is correct when filling the bath and not uncomfortable for the client. Only attempt to open the door in an Emergency, as the water will discharge onto to floor.

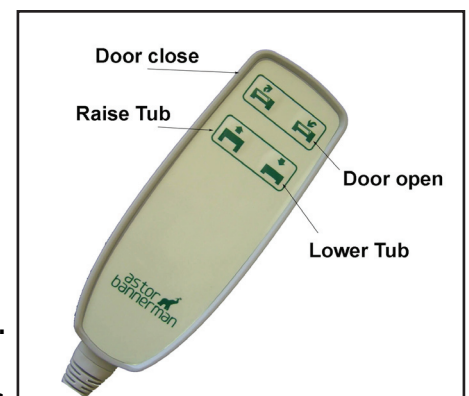
To open the door in the event of an emergency,



Water from the tub will empty into the room

Unclip the door cover or reach behind the door cover, locate the pin behind the cover.

Locate the "T" shaped locking pin, press in the pin in the centre of the handle and pull out the pin to release the door.



Green comfort light in the door.

If you wish to switch the green comfort light off, press the switch provided, located to the right side of the door.



Tap options

Thermostatic mixer taps. TMV2 compliant.

Turn the knob on the left anticlockwise to turn on the water.

Turn the right hand knob to adjust the temperature to a maximum of 44 degrees centigrade for bathing and 38 degrees centigrade for showering.

The red button allows the temperature stop to be set above the standard 38 degrees Centigrade.



Thermostatic mixer taps. TMV3 compliant.

Use the large centre knob to control the water temperature. Turn the knob anticlockwise to increase the temperature a Maximum of 44 degrees centigrade for bathing.

38 degrees centigrade for showering.

The lever control is used to divert the water from bath to shower. (centre off) and to control the water flow rate.



Baths fitted with Neatfold stretcher

The Neatfold stretcher is designed as a personal support platform fitted to the top of a bath. It can be quickly and conveniently folded and stowed vertically if the bath is against a wall, or alongside the bath, maximising the space available in the room.

Carry out the following checks before using the Neatfold stretcher

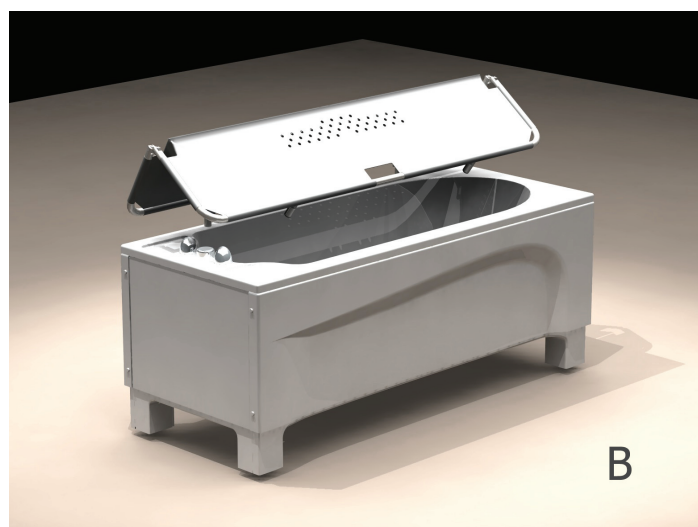
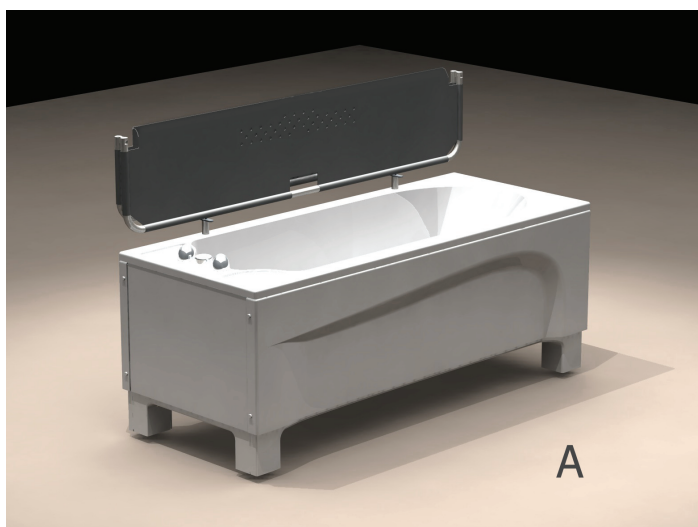
Check the stretcher is secure and correctly positioned over the tub.

Visually check the stretcher cover for damage and security before use.

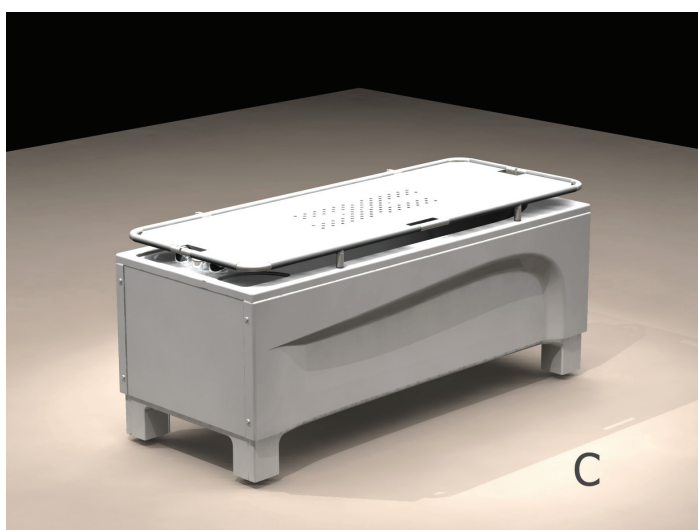
Using the Neatfold stretcher.

To use the Neatfold stretcher when stored in a vertical position. (Picture A).

Reach across the bath and hold the centre of the stretcher frame at the point where the material has been removed to create a hand hold.



Lift the assembly slightly and pull it towards you. (Picture B). A small jolt will be felt as the stretcher becomes horizontal, this is normal & part of the function of the stretcher. Place the stretcher onto the rim of the bath. The Neatfold stretcher is now ready for use. (Picture C).



To use the stretcher when stored beside the bath.

Firstly lift the stretcher to an upright position. (Picture A).

Next reach across the bath and hold the centre of the stretcher frame at the point where the material has been removed to create a hand hold.

Lift the assembly slightly and pull it towards you. (Picture B). A small jolt will be felt as the stretcher becomes horizontal, this is normal & part of the function of the stretcher. Place the stretcher onto the rim of the bath. The Neatfold stretcher is now ready for use. (Picture C).

To stow the Neatfold.

With one hand, hold the stretcher in the centre at the point the framework is exposed. With the other hand, hold the edge of the stretcher such that by applying a little upward force, the stretcher begins to fold. Allow the stretcher to fully fold in half and then move to one of the two stowed positions as appropriate.

Operating instructions for optional guard if fitted.

Ensure that the stretcher is in the horizontal position.

Carefully place the two vertical tubes of the guard assembly into the black nylon receivers fitted to the stretcher.

Test the correct engagement of the guard, pull the guard towards you resistance should be felt.

To disengage the guard.

Lift the guard vertically out of the receivers and store in a safe place.

Caution

The persistent or heavy use of oil based products may adversely affect the white stretcher material. Oils and other petro-chemical products should be used sparingly and any residue removed immediately.

Cleaning

The stretcher, frame, guard and guard bumper may be cleaned using most mild cleaning agents. Abrasive cleaners should be avoided in order to maintain the semi-gloss finish of the white high tension stretcher material and the painted finish of the frame. The stretcher and frame may be cleaned using a high temperature pressure washer or non-chemical steam cleaner but under no circumstances should it be placed in an autoclave.

Chemical agents and solvents must not be used, i.e., drain cleaners, acetone, oven cleaners or acids. Attention should always be paid to instruction labels on the outside of cleaning agent containers.

Operating the SPA system (optional)

Fill the tub with water.

The spa unit is controlled using the large button attached to the panel of the bath assembly.

To switch the air pump on, press the button once which will start a medium air flow into the bath.

Press again to increase to a higher air flow & once more for the lowest setting.

Pressing the button a fourth time will switch the blower unit off.

Once the unit has been switched on it will remain on for 20 minutes before automatically switching off. Pressing the button within that 20 minutes time span will reset the cycle timer for a further 20 minutes.

Use of the Spa Bath system for longer than 20 minutes is not recommended.

Hygiene Management.

The Spa system is designed to be self maintaining with regard to hygiene. Approximately 20 minutes after use the Spa system will automatically turn itself on & operate for approximately 20 seconds.

This is called the 'Auto-Purge' cycle. Any water retained within the jet system will be ejected thus keeping the jets clean.

When cleaning the bath, or using the bath for showering only, it is recommended that a manual purge is performed. In order to do this, switch on the Spa system for 15-20 seconds & then switch it off. The Auto-Purge will then operate 20 minutes later.

Cleaning your Bath

The bath may be cleaned using most mild cleaning agents.

Chemical agents and solvents must not be used, i.e. drain cleaners, acetone, oven cleaners or acids.

The taps, side and end panels and handset should be cleaned using a warm soapy solution and rinsed with a damp cloth.

Attention should always be paid to instruction labels for the cleaning agent.

Troubleshooting

In the unlikely event that problems occur with the unit, carry out the following easy checks to determine whether or not an engineer is required.

Fault: The Vanna bath does not travel up or down or moves very slowly.

Cause: The mains power supply has been disconnected for some time and the unit's batteries are now flat.

Remedy: Examine the mains fuses/circuit breakers and reset as necessary and ensure that mains voltage is fully reconnected. Allow the battery back up system to re-charge for approximately 2 hours

Cause: The handset has been pulled from the socket fitted to the underside of the unit.

Remedy: Push the plug fitted to the handset more firmly into the socket.

Cause: The electrical mains plug has pulled from the socket on the underside of the unit

Remedy: Examine the plug, if the red collar can be seen it indicates that the plug is not connected properly
push the plug firmly into the socket.

Fault: Only one end of the bath moves up or down.

Remedy: You need to contact Astor Bannerman as there is a malfunction with the equipment.

Fault: Water Temperature incorrect from thermostatic mixer tap.

Remedy: Check you have a hot and cold water supply. If you have hot water at the bath then contact a plumber or Astor Bannerman to service the mixer tap.

Fault: Bath will not raise only lower, warning beeper sounds.
(no electrical supply)

Remedy: Ensure the electrical supply is turned on, then leave the unit to charge the battery.

Technical Specification.

Electrics

A.C. Input 220 - 240V~, 50/60Hz, 1.25kW Maximum.

Protection class class 1

Power consumption: 250 Watts excluding SPA

DC Output, (internal) 24v, 8 Amps.

Safe Working Load: 300 Kilograms

Test Load: 375 Kilograms

Length

1700mm. 1780mm required to provide minimum clearance.

1900mm. 1980mm required to provide minimum clearance.

2100mm. 2180mm required to provide minimum clearance.

2300mm. 2380mm required to provide minimum clearance.

Width 830mm 1430mm required to provide minimum clearance including space for the door.

Height Range 732mm Minimum
1132mm Maximum.

Tub capacity

252 Litres

288 Litres

324 Litres

360 Litres

Duty cycle:

10%, Maximum 2 min/18 min

IP Rating:

IP X5

Dry weight of Bath

92 Kg

Weight of Spa option

6 Kg

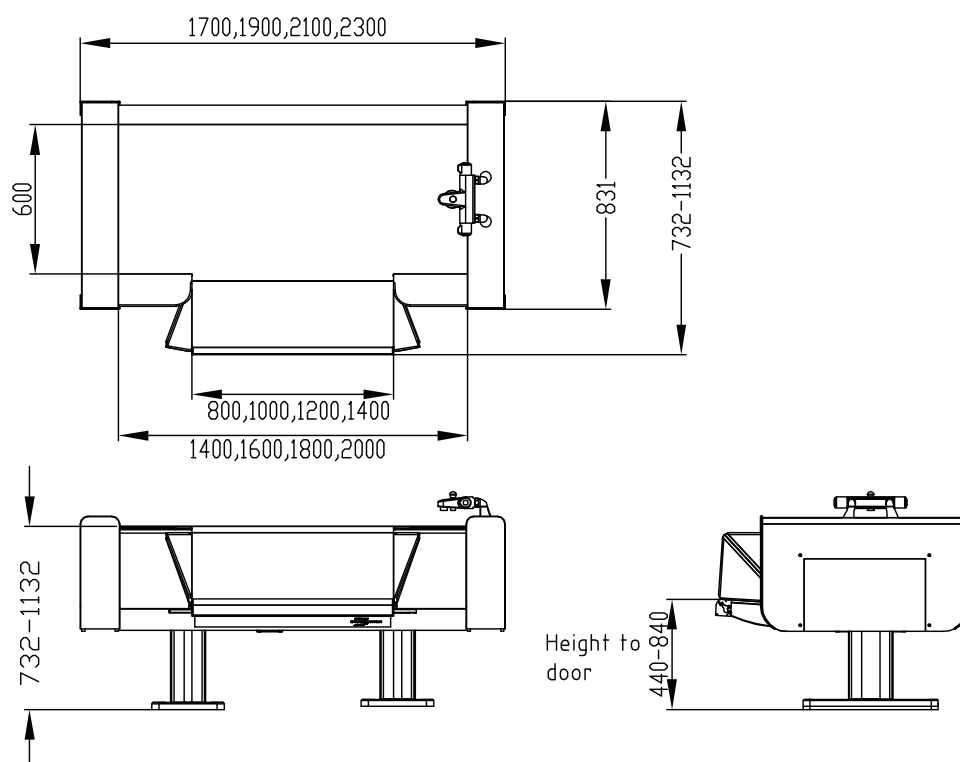
Power Consumption Spa option

600 Watts

Noise rating

<70dB(A)

VANNA Height adjustable bath,
Shown with door open









Preventative maintenance.









Repair and maintenance must only be carried out by competent persons.

Carry out the following checks:	Daily	Weekly	Monthly	Annually
Full function test of the equipment.	✓	✓	✓	✓
Check the water temperatures from the mixer	✓	✓	✓	✓
Check the waste system for damage and leakage.		✓	✓	✓
Examine the spa nozzles for security and check the spa function		✓	✓	✓
Examine the supply hoses for damage and leakage			✓	✓
Service internal mixer components. (may require more frequent servicing in hard water areas)				✓
Calibrate mixer temperatures				✓
Check cold supply failure shutdown				✓
Check condition of backup battery				✓
Optional Stretcher				
Check the condition of the stretcher covering	✓	✓	✓	✓
Check the security and position over the tub	✓	✓	✓	✓
Examine the optional guard for correct fitting and security	✓	✓	✓	✓
Examine the stretcher for wear or damage.			✓	✓

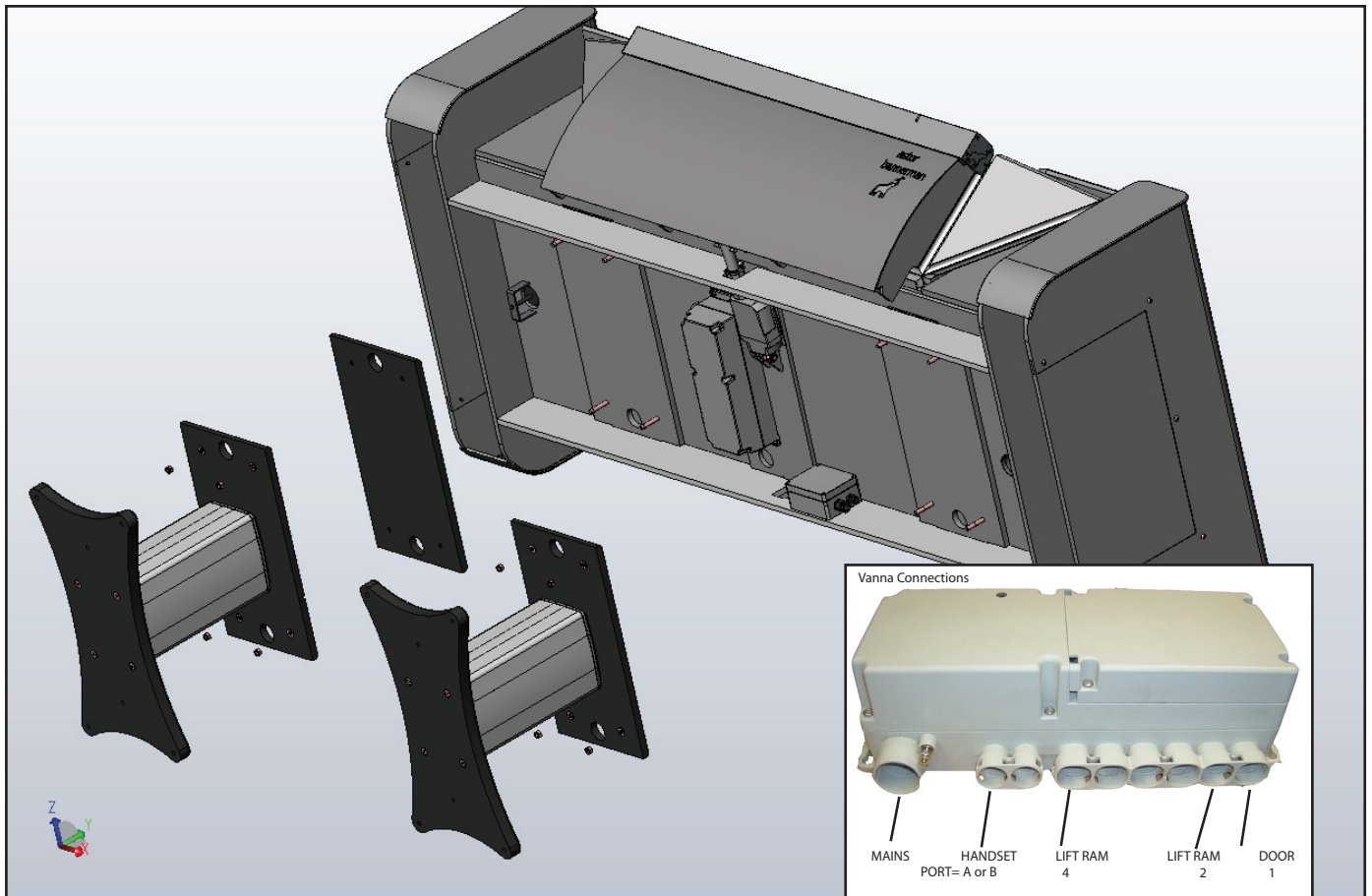
Product Labels

Model: Vanna 	
Lift range: 400 mm SWL 300 Kg	
230V ~50HZ 250 Watts	
IP X5	Class 1
	
	 
Made in England by: Astor Bannerman (Medical) Limited 11f Coln Park industrial estate Andoversford GL54 4HJ	

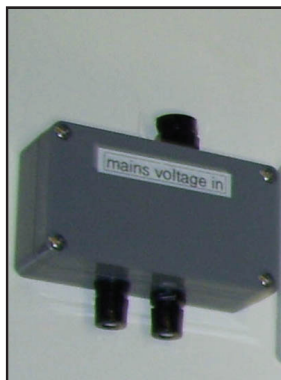
Model: Vanna 	
Spa Bath	
Lift range: 400 mm SWL 300 Kg	
230V ~50HZ 850 Watts	
IP X5	Class 1
	
	 
Made in England by: Astor Bannerman (Medical) Limited 11f Coln Park industrial estate Andoversford GL54 4HJ	

Assembly

Unpack the bath, and remove the base plates and actuators from the tub.



To fit the actuators, turn the tub upside down or lay it on its rear face, taking care not to damage the bath surfaces.



Place the actuator packing piece at the opposite end to the drain plug, then connect the actuator cables and fit the actuators to the base of the tub using M8 Nyloc nuts and washers. **NB:** The bath is reversible, ensure you have the door on the correct side.

Turn the bath over onto its feet.

Do Not lift the Bath using the baseplates on the silver coloured actuators. This will cause expensive damage **not** covered by the warranty. Connect the unit and test that the actuators operate.

If they fail to operate in unison carry out the reset procedure.

Fit the taps (standard holes are 180mm centres and 28mmØ clearance.)

Check before drilling. Then fit the supply hoses and waste assembly

Make the final connections to mains and water.

Installation

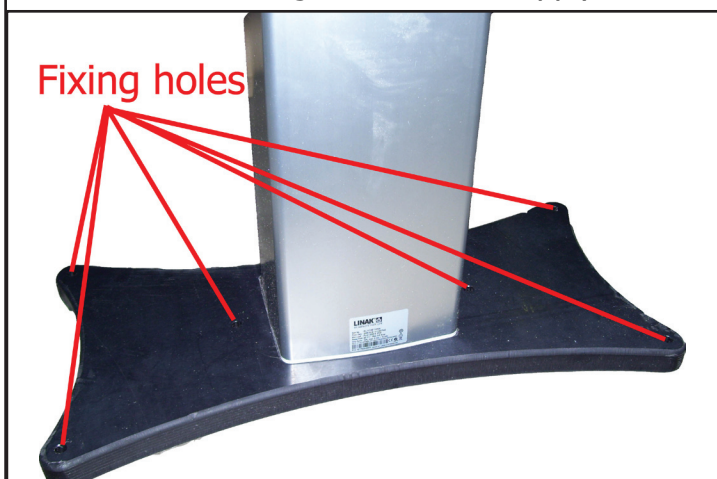
Ensure the floor is suitable to accept the bath installation.

Move the bath into position, mark the hole positions for the 12 fixing bolts

NB. All 12 fixings must be used.

Drill the fixing holes and secure the bath in position using only the fixings supplied.

Carry out a load test by filling the bath to capacity, then raise and lower the bath.



Neatfold stretcher installation

Place the Neatfold stretcher in its final position on the bath, ensure correct orientation.

Mark where the holes are to be drilled.

Drill 2x 6mm clearance holes through the box section.

Attach the Neatfold using the 6mm studs and washers provided.

Overflow position

Fit the overflow to the centre of the end wall of the tub at the tap end.

The centre of the hole should be 250mm above the floor of the tub.

Contents of packages

#	Item No.	Item Description	Qty.
1	21.090.00.0369	Cable, armoured, 1.0, 3 core, 50 metre reel	4
2	20.015.60.0006	Handset, 4 Button, Vanna	1
3	20.032.00.0003	Holder, handset	1
4	10.010.70.0001	Waste assembly	1
5	20.010.40.0024	Supply Hose	2
6	21.090.00.0416	M8 Nyloc Nuts	8
7	21.090.00.0060	M8 Plain washers (large)	
8		Set of Taps	1
9	21.090.00.0585	Shower hose	1
10	21.090.00.0563	Shower head	1
11	21.090.00.0586	Bracket wall mount- Shower	1
12	20.013.70.0001	Non return valve (Shower) 14173	1
13		Side cushion	1
14		Base cushion	1
15		Door cushion	1
		Backrest OR Headrest	1
		Neatfold stretcher (optional)	1
		Spacer tube for Neatfold fixing bolts	2
		Neatfold fixing bolts 6mm Countersink head	2
		Washers 6mm large	2
		Nyloc nut 6mm	2

Interbath Reset Procedure

Friday, June 17, 2011



Initial setup. Fit cables to the control box and the actuators. Ensure actuators are connected into positions 2 and 4.

Connect the mains cable and switch power on.

Using the handset, press both buttons simultaneously.
Correct operation will give a beeping sound.

Hold the buttons until the beeping stops.

Press the down button until both actuators are at their lowest point.

If the actuators are mid way through their travel when the reset procedure is started, the control box will continue to beep as they move down to their low position.

If 1 actuator is higher than the other, only the highest actuator will move. It will only move approx 10mm per reset operation, until it is inline with the second actuator. Continue to use the reset procedure until both actuators are level.

If the actuators are already at their low position, the control box will not beep.

Once the actuators are at their low position, press the up button and raise them to their high position to check the correct operation. Then run them back down to the low position.

Parts List

20.012.00.0040	Mains cable	912049
20.012.00.0039	Motor cable	00914657-2500
20.012.60.0006	Box, control, CB16, Interbath	CB16
20.012.00.0038	Handset, control, IP66, grey, Interbath, with linak BL1 Actuator	HB8175V0001-61
20.012.00.0037	Interbath Actuators	BL141HB11400A



Astor-Bannerman (Medical) Ltd.
Unit 11F Coln Park Industrial Estate
Andoversford, Cheltenham
Gloucestershire
GL54 4HJ
Tel: 01242 820820 f : 01242 821110
e mail: sales@astorbannerman.co.uk
WEB: www.astorbannerman.co.uk

CERTIFICATE OF CONFORMITY

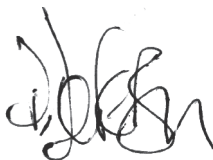
Manufacturers Name: Astor-Bannerman (Medical) Ltd

Manufacturers Address: Unit 11F Coln Park
Andoversford
Cheltenham
Gloucestershire
GL54 4HJ

Equipment Type: Vanna height adjustable bath

I hereby declare that the above product conforms to the following specification:

93/42/EEC



Signed: _____ Technical Director

For and on behalf of Astor-Bannerman (Medical) Ltd

Date: 07 April 2011

Notes



Unit 11F, Coln Park Industrial Estate
Andoversford
Cheltenham
Gloucestershire, GL54 4HJ
Tel.: 01242-820820
Fax: 01242-821110
email: sales@astorbannerman.co.uk