



BATH & SPA

INSTALLATION INSTRUCTIONS

IMPORTANT NOTICE

Please ensure that a water test is done PRIOR to final installation being completed. Lanark will only fix leaks or damaged pipework if they are accessible. Lanark will not accept any damage claims after installation. Remove protective plastic sheets to check for shell damage, as no claim for surface damage will be entertained by Lanark after installation.

CAUTION

THE FOLLOWING INSTRUCTIONS ARE INTENDED AS A GUIDE ONLY BECAUSE REGULATIONS VARY FROM AREA TO AREA. YOU MUST CHECK LOCAL AUTHORITY REQUIREMENTS PRIOR TO INSTALLATION.

CHECK LIST

The layout of taps and outlet plumbing must be carefully considered to ensure that the layout is both functional and aesthetically pleasing. The top edge of the bath must be installed level (horizontal) to ensure proper drainage. Check flooring and framework carefully and adjust if necessary. The pump cannot be installed higher or lower than the Bath itself. Check instructions inside the pump box. As a general rule the pump should be between the suction and return on the spa itself, and level with the bottom of the bath.

Base area must be fully supported and bedded into suitable material.

EXPANDABLE FOAM MUST NOT BE USED

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SPA BATH INSTALLATION

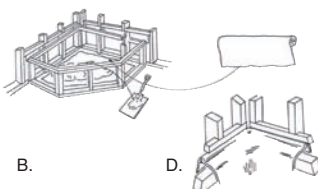
1. a) For Hydro Systems ONLY – follow steps 1-5
b) For Hydro + Air Systems (Dual System) or Air Systems Only – follow steps 1-5. DO NOT set into a sand/cement slurry as above but refer now to Air or Dual Systems.
2. Connect the pump to the spa. For pump connections, refer to the instruction leaflet inside the pump box. The level of the pump is critical to it working correctly. Please read the pump instructions. Turn the pump on.

IT IS NOW THE RESPONSIBILITY OF THE INSTALLER TO CHECK FOR ANY LEAKS, PROBLEMS WITH SPA SHELL OR SPA PLUMBING. LANARK SPA BATHS ARE MANUFACTURED UNDER STRICT QUALITY CONTROLS BUT DAMAGE MAY OCCUR DURING TRANSIT OR ON INSTALLATION.

•IMPORTANT - IF ANY PROBLEMS ARE NOTED, LANARK MUST BE CONTACTED AT THIS STAGE.

It is advisable to mount the pump either outside the dwelling or inside a cupboard where it is easily accessible for servicing. If the pump is mounted outdoors, ensure adequate weather protection.

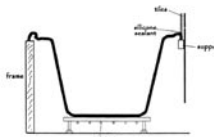
The manufacturers of the pump WILL NOT accept warranty claims if the pump is not accessible.



3. Only after testing as above and provided all is found to be in order, should tiling around the bath proceed.

AIR OR DUAL SYSTEMS

These spas must NOT be set into a sand/cement slurry as referred to above. Once the correct height and levels have been obtained, place supporting blocks (normally of timber) under the base of the bath (only to the height of the base – using blocks higher than the height of the base may DISTORT the base causing drainage problems,) making sure that the blocks are clear of the air jet injectors. These blocks should be siliconed into position to prevent them from moving. The blower is to be installed as per manufacturer's instructions, details can be found in the blower box.



STEEL SUPPORT FRAMES

When baths are supplied with steel support frames, the bath should be placed into position and the top levelled by adjusting the feet on the frame. Mortar should then be pushed under the bath to fill the gap between the bottom of the bath and the floor. This adds support to the bath and bonds the bath in place. Expandable foam is not an adequate means of support.

BATH INSTALLATION

1. Build a framework of studs and noggings similar to that shown in the diagram but in accordance with the building regulations. A good fit for the front skirt framing can be achieved if set out on the upturned unit but **TAKE CARE NOT TO SCRATCH THE TOP FLANGE** - Refer to drawings A or B. The flange lip of the unit should overhang the wooden support frame by approx. 20mm to allow facing tiles and backing to slip behind the lip. Provision must be made for this flange lip on the wall bearers - Refer to Wall Detail drawing D. Make sure that all plumbing lines are unimpeded.

2. Wall studs may be checked in slightly to position the unit so that wall tiles and sheeting will seal in front of tiling bead. This must be done strictly in accordance with recognised building practice and in conformity with building regulations. If studs are not recessed, the wall will require packing to produce correct tile backing.

3. The floor under the bath should be a concrete slab or fully supported timber floor. Place a sheet of water proof plastic on floor. The base of the bath is to be set into a concrete bed of (6:1) sand/cement slurry mix, a minimum of 50mm thick (wet enough to be pliable). At least 75% of the base area must be supported. Where part of the bases of the spa is raised, support must still be given in the raised area. We recommend filling this area by placing brickwork under the raised part of the bath and a cement mix on top and underneath the bricks. Refer to diagram C. Remember at least 75% of the base must still be supported. Expandable foam must not be used.

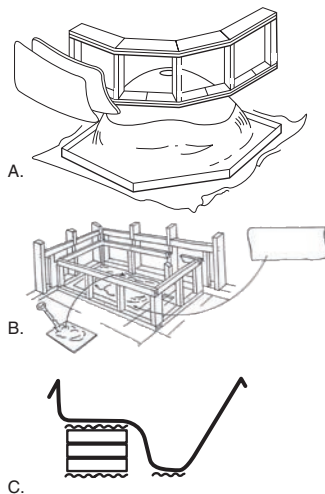
4. Trial fit the unit in position. If satisfactory place a generous amount of silicone on all

bearing surfaces around the unit frame. Now reposition the unit and jiggle gently into position to bed the base in the slurry.

Use a spirit level to insure the bath is correctly levelled. Once in position do not disturb the slurry because air gaps will appear and that will leave the base unsupported. The frame should support the coping of the bath all the way around.

NB: DO NOT FILL BATH WITH WATER TO BED IN BASE. IF WATER IS LEFT IN THE BATH FOR AN EXTENDED PERIOD OF TIME THE GOLD FITTINGS WILL TARNISH.

5. Place timber beams on the wall edges of the unit. See "Wall Detail" D. This will ensure coping is fully supported.



SPA OPERATING INSTRUCTIONS

Operating your new spa is very simple. These are just a few things you need to know.

CONTROLS

• MANUAL PUMP

To start the spa simply depress the **Air Button** once. This will activate the pump and force the water through the jets. To stop the pump simply press the **Air Button** again. With a pump that is operated by an air button, the heater will be on whenever the pump is running.

• BLOWER (these instructions are the same for an air blower system and a touch pad system).

To start the **Air Blower** simply press the Touch Control Pad/Button once. When the Blower is first activated it will be on its highest speed, and will take approximately 5 minutes for air from blower to reach an acceptable temperature. By pressing the Touch Control Pad/Button again you will lower the blower pressure. By pressing it a third time it will switch off.

•IMPORTANT - Approximately Twenty minutes after the blower is switched off it will automatically come on for thirty seconds to blow "excess" out of the system.

The other control on the spa is the **Air Control**. This regulates the amount of air-flow through the jets. Turn the air control anti-clockwise to open or to increase the air-flow and clockwise to close or reduce the air-flow.

The jet faces are adjustable. By turning the Jet faces clockwise and anti-clockwise, individual Jets can be turned on and off. If you close a jet off, the pressure of the other jets will increase. The jets are also directional which means that you can change the direction of the water flow. To do this simply move the centre fitting of the jet (the eye ball) to the desired position.

•IMPORTANT - You must always have at least four large jets open at all times.

TOUCH PAD SYSTEM

- This system enables you to operate your hot pump with or without the heater system

operating. There is a "power" light on the touch pad. This will be "illuminated" as long as the pump is plugged in and the power point is active. By pushing the button labelled "Jets", the pump will switch on, the spa will be activated and the heater will automatically be on. To turn the whole system off, push the "Jets" button again. When the heater is on, the light on the "heat" section of the Touch Pad will be illuminated. To switch the heater off but keep the jets pump running, press the "heat" button on the Touch Pad.

DIVERTER VALVE

In Luxury Spas, some of the jets remain on all of the time, while others are activated by turning the jet diverter valve which is located on the top of the bath. This diverter valve allows you to divert water through various back jets depending on the design and layout of the spa. This is done to get extra water pressure in certain areas of the spa.



BATH MAINTENANCE

To clean the bath use a soft cloth with a **NON-ABRASIVE MATERIAL**. Under no circumstances can gold-plated fittings be cleaned with anything other than warm soapy water. We recommend that any bath water additives such as oils and bath lotions should not be used.

NOTE: The spa pipework must be sanitised regularly to prevent any build-up of soap or oil residue. If the spa is used twice weekly it is advisable to sanitise every six to eight weeks. We recommend SPA.GIENE® (available from most spa retailers)

WARRANTY

Spa Shell	10 years
Spa Pump	5 years
Blower, other equipment and plumbing	1 year
Conditions Apply	