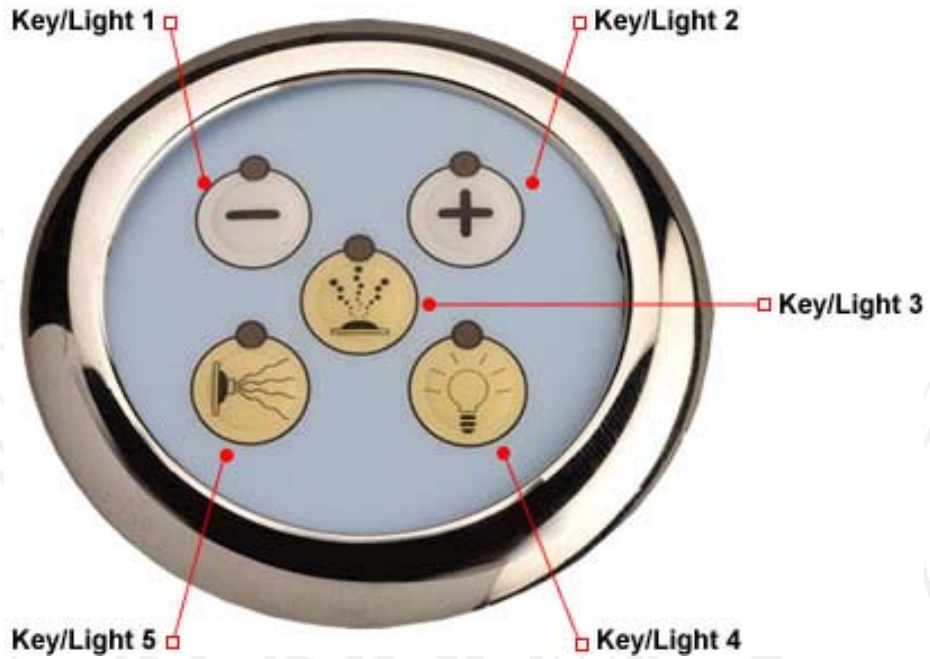


Titan User/Installation Instructions



Switch on the ELCB which is located outside the bathroom.

The Titan system is fitted with a water level sensor so the bath must be run to at least 2 inches above jet level before the whirlpool can be operated.

Light



Press key 4 once to activate light.

Pressing key 3 will activate both the turbo whirlpool and the spa. You can then use the diverter valve to direct the airflow. The options are turbo whirlpool only, airpool only or both.

Keys 1 & 2 can be used to adjust the pressure of the airflow.

Whirlpool



Press key 5 once to activate the whirlpool and again to deactivate.

System Blow Dry



Press key 3 wait 2 seconds and press again to blow the pipework dry.

Turbulence can be varied between the whirlpool and the airpool using the Turbulence controller. In the central position it supplies forced air to both the Airpool and the Whirlpool. Turn the lever to one extreme and the forced air will be totally directed to the Whirlpool, turn the lever in the other direction and the air will go totally to the Airpool. Using all the options will give you five different massage effects.....

Turbo Whirlpool



Press key 3 to activate the turbo. The pressure can be adjusted using keys 1 & 2. To turn off the turbo feature press key 3 again.

Airpool

This feature is only available when you purchase the Hyrdopool Upgrade.



Titan User/Installation Instructions

Installation Instructions

IMPORTANT - Do not use a knife to remove the wrapping.

This bath has been factory fitted with a quality whirlpool system. Once fitted the whole system has then been water & electrically tested, quality inspected and then wrapped to ensure that it arrives with you in perfect working order.

The quality of this finished product is now in your hands. Please read all the instructions overleaf before commencing installation. Should you have any difficulty then ring our **Duty Technical Support Engineer on 01633 244555 8am-8pm.**

It is the responsibility of the contractor/purchaser to ensure that this bath is installed only by a qualified Plumber & a qualified Electrician. All electrical connections must comply with the current edition of I.E.E. Regulations. After connection the appropriate completion certificate must be presented to the end user in accordance with I.E.E. Regulations.

WARNING - If damage is caused to the system due to mishandling or incorrect installation, Whirlpool Express (UK) Ltd reserve the right to charge for any repair work needed! Our Callout charge is £75.00 plus VAT and will be charged to the customer for all callouts whether the fault lies with the customer or the installers.

Apology to installers

This whirlpool system has been fitted to this bath so as to allow as little water as possible to remain in the pipework after use. With some baths (especially corner baths) our best fit policy can occasionally mean a pump position or awkwardly placed pipework which will make life difficult for the installer and increase the normal installation time.

Our policy on water retention is, that is is better for the installer to "suffer" for a couple of hours, than for the end-user to suffer for years - If you are one of the few installers to "suffer", please accept our apologies.

The quality of this finished product is now in your hands. If you would like to discuss the options available, please ring us on our **Duty Technical Support Engineer on 01633 244555.**

PLUMBERS INSTRUCTIONS

- ☒ **DO NOT** lift or manoeuvre the bath by the whirlpool pipework.
 - ☒ **DO NOT** remove the protective tape from the controls on the rim of the bath until all plastering and grouting has been completed. Grout dust has been known to cement the aircontrol solid.
 - ☒ **DO NOT** remove any electrical ties on the pipework - they are there for a purpose.
 - ☒ **DO NOT** allow the electrician to install the E.L.C.B. under the bath - it makes it awkward for the customer to carry out monthly testing.
 - ☒ **DO NOT** allow anyone to dry run the pump. i.e.do not run the pump without water in the system. Water acts as a coolant for the pump impellor and casing without which costly damage will occur.
- **ACCESS must be allowed** to remove the pump and control box.
 - Assemble the bath legs etc as per the manufacturers instructions taking care if the bath has to be turned upside down. Occasionally we will temporarily fit the legs to the bath when fitting the whirlpool system. If the legs are subsequently left on the bath it is still the plumbers responsibility to check that all screws and brackets are in place.
 - Fit and adjust to correct height the pump bracket support leg
 - Adjust feet to the required height for the bath panel and slide the bath into position.

- Set the bath level and prefit the bath into the desired position. Check that the pump is within the confines of the bath. If the pump exceeds the confines of the bath it will be necessary to chase out the wall to accommodate the pump. This should be done before the bath is finally fitted.
- Ensure that all hot water pipes are clear of the whirlpool pipework - If necessary remove bath and re-make the hot water pipes keeping the blow torch away from the bath and whirlpool pipework. (Hepworth) fittings could be used to good advantage.)
- Connect the 8mm OD nylon pipe between the pump and the black drain fitting on the suction elbow (*Check connections if already fitted*).
- When the bath is level in the required position, and before final fixing takes place, temporarily connect the waste and water feeds, fill the bath with warm water to the level of the overflow and operate the whirlpool system under pressure for a period of twenty minutes. During this time all joints should be checked to ensure that they have not been damaged or weakened in transit. Leave the bath standing with water in it for a further 20 minutes and recheck the joints. Carry out procedures detailed in the commissioning checklist opposite.
- **Please note that we will not accept responsibility for removing the bath to repair any leaks which are discovered after the bath has been finally fixed and tiled in place.**
- The bath is now ready for an electrician to make the final electrical connection.



Titan User/Installation Instructions

ELECTRICIANS INSTRUCTIONS

- The whirlpool system must be protected by an ELCB/RCCB. If one is not already fitted to the mains board of the property it is necessary to do so now. Alternatively an ELCB/RCCB may be installed on the spur supplying the whirlpool system. In most circumstances the system may be connected into the 13 amp ring main, it does not need a separate supply from the main board. This connection should be made via a 13 amp fused spur, located outside of the bathroom.
- It is not advisable to locate the E.L.C.B./R.C.C.B. under the bath, it is awkward for testing and does not necessarily protect the wiring going into the bathroom!
- **DO NOT** remove the protective tape from the controls on the rim of the bath until all plastering and grouting has been completed. Grout dust has been known to cement the aircontrol solid.
- **DO NOT** remove any electrical ties on the whirlpool pipework - they are there for a purpose. If you wish to relocate any of the electrical boxes for ease of access after installation please make sure that wires are not stretched.
- **DO NOT** allow anyone to dry run the pump. i.e. do not run the pump without water in the system. Water acts as a coolant for the pump impellor and casing without which costly damage will occur.
- If it is necessary to remove the pump from the bath ensure that when it is re-installed that the rubber seals are in place.
- The pump and controls have been pre-wired for ease of installation - please double check that all connections have travelled well and are to your satisfaction.

- Connect the unassigned mains cable from the control box through the E.L.C.B. to the 13A fused spur.
- Connect the earth bonding as required by I.E.E. Regulations.
- In the absence of a plumber it is advisable that the electrician carries out the initial commissioning procedures - see below.
- The electrical installation should now be inspected in accordance with the latest edition of I.E.E. regulations and the Completion Certificate signed and handed to the customer.

COMMISSIONING CHECKLIST

- ☞ Fill the bath with water to a level of 2" above the level of the jets check the system for leaks, please pay particular attention to the pump unions.
- ☞ Demonstrate the operation of the whirlpool to the customer
- ☞ Show the customer how to carry out the monthly test of the E.L.C.B.
- ☞ If the bathroom is to be tiled after installation please place protective wrapping back over the controls to prevent contamination with grout dust.
- ☞ Hand these instructions, the electrical completion certificate and the system guarantee to the customer.
- ☞ Explain how the whole system can be isolated by means of the fused spur.

FAULT FINDING

Symptom

Press on/off button - nothing happens.

Solution

Check water is above the water level sensor and that the light is showing on the water level sensor. Check power supply is getting to control box. Check operation of the ELCB if the ELCB fails to test then the problem is at the fuse in the fused spur. If power supply is getting to Control box then check connections to pump and ancillaries are intact and have not been stressed.

LET'S GET IT RIGHT FOR THE CUSTOMER -NOW

Our Technical Support Engineer is available to help you on:

01633 244555

8am to 8pm - 7 days a week

Thank you for taking the time to read these instructions. We have genuinely tried to make installation as uncomplicated as possible for both the plumber and the electrician. Many of the improvements we have made to our systems over the years have been as a result of feedback from installers. If you have any suggestions for further improvements that could be made, please write and let me know.

*Roger Thompson
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