

Aphrodite Air-Spa System Instructions

USER INSTRUCTIONS

1. Read these instructions fully before preparing to fit the system to the bath.

Please Note: *That the electrical instructions are a guide to United Kingdom requirements and may not apply worldwide.*

Always use a qualified electrician and comply with local regulations.

2. Fit the legs and feet to the bath in accordance with the bath manufacturers instructions. Ensure that sufficient room is available to site the air blower and pipework.

3. Determine the positions in the bath of control and jets. Ensure that the control is set on the top surface of the bath, well above the overflow level and that sufficient room exists on the underside of the bath for the backnut and pipe connections. (See Fig. 01). The jets will usually be positioned in a pattern on the base of the bath. Some people like to leave a clear area for the seat. Take care to position the jets so that they are fully on the baseboard, not half-and-half. (See Fig. 02).

The baseboard must be in full contact with the bath at the jet positions. Ensure that the legs or battens fixed to the base of the bath will not obstruct jet fixing. The jet pattern is optional, to suit the shape of the bath and individual requirements.

4. Drilling the holes. The jets are 13mm diameter. 30mm hole size for the ON/OFF control. 30mm holes should be produced using a standard hole saw. 13mm holes are best produced using the flat bit included in the kit. **A new, sharp twist drill is not recommended as this will tend to chip the plastic and separate it from the base board.**

If a twist drill is to be used, the edge should first be removed with an oil stone to produce a negative rake cutting edge. After drilling, remove burrs from around the holes, taking care to avoid chipping.

5. Using a small amount of silicone sealant, position and fix the control.

6. Fix the jets using silicone sealant so that the silicone covers the top third of the thread. As it is pushed into the drilled hole the excess silicone will push up and surround the flange. Tighten the nut and ensure any excess silicone is cleaned off, as this will impair the operation of the water non-return system. The special nut used to fix the jets should be hand tightened only. It is designed to prevent over tightening. (See Fig. 03).

7. Using the plastic ties, secure the Hartford safety loop and manifolds. The non-return valve must be accessible from panel side. (See Fig. 04).

8. Connect the 9mm. bore pipe between the jets and manifold, starting with the jets farthest away. Secure with clips provided.

9. Position the blower unit so that after bath has been installed the blower will be inaccessible to persons using the bath.

10. Measure and cut to length the convoluted pipe and screw on the cuffs (*Maximum 1m is supplied*). Silicone around periphery of hose before screwing cuffs on.

11. Fit the pipe between the blower unit outlet and non-return valve, also between air trap and manifold.

12. Push small bore pipe firmly on to button and control unit.

13. When connecting the control to the cable from the control box, take care to match up the two coloured sides on the control and cable. The control box has a prewired electronic water level sensor which will require being fixed to the outside of the bath with a thin coating of silicone sealant at between 4 and 6 inches above the base of the bath. The water level sensor initiates the auto purge of the pipework 30 minutes after the water level has dropped below the sensor. The blower will run for five minutes at low, medium and high speeds and can not be turned off until the cycle has finished. The autopurge feature will only initiate if the blower has been previously run for at least 60 seconds with sufficient water in the bath.

NB: to manually purge the blower at any time, simply place your hand over the sensor from inside of the bath and run the blower for a minute, The auto purge cycle will then activate in the normal way.

14. Prior to installing the bath the system should be tested. This means filling the bath with water to the level of the overflow and leaving it to stand for a period of at least 20 minutes. The system then needs to be tested working with the compressor working. This entails connecting the blower to a mains supply. Electrical connections should only be entrusted to a qualified electrician, and made to existing local standards. In the UK this is I. E. E. Wiring Regulations, 16th Edition. The electrical supply must be via an Earth leakage circuit breaker (ELCB or RCD), 13 amp. Minimum, 30 milliamp trip switch. The supply should be on a switched fused spur, fitted outside the room in which the bath is to be tested. The supply must be checked to ensure earthing is present and satisfactory.

15. Test procedure:

- Isolate the power.
- Ensure the bath is clear of debris and fill with water.
- Inspect carefully for leaks.
- Switch on power.
- Press on/off button to start system.
- Press button again to stop the system. (NB On 3 speed systems the button needs to be pressed four times to go through the 3 levels of power to off)

BATH INSTALLATION

1. Install the bath as per the bath manufacturer's instructions - the addition of an Aphrodite spa does not alter the bath installation procedure in any way. Take care to prevent excessive plaster dust or tile grout etc. getting into the bath as this could clog the nozzles.

2. Place the compressor pipe clips on to the cuff of the compressor pipe and push the pipe on to the compressor outlet.

3. Position the compressor under the bath so that the compressor casing is well clear of the underside of the bath and the surrounding wall. Also check at this stage that the bath panel will fit without touching the compressor. Ensure that the air intake is completely free of obstruction.

4. The system is now ready for electrical connection. This should only be entrusted to a qualified electrical engineer and be carried out in accordance with, I.E.E., regulations, 15th Edition. A switched 13 amp fused spur, fitted outside the room where the spa bath is installed. The isolating switch should preferably be at a level where young children cannot reach.

5. Check the operation of the compressor. Press the button firmly once to start and again to stop.

Important Note: *Before fitting the panel, fill the bath with water to the level of the overflow and ensure that the whole system is leak free for a period of at least 1 hour. for the purposes of warranty, easy access must be available to the Blower and underside of the bath.*

Continued overleaf...



Head Office: 61-62 Lower Dock Street, Kingsway, Newport, South Wales NP20 1EF

Telephone: (01633) 244555

Facsimile: (01633) 244881

Email: technical@weuk.co.uk

Internet: www.whirlpoolexpress.co.uk



Aphrodite Air-Spa System Instructions

TECHNICAL DIAGRAMS

Fig. 01

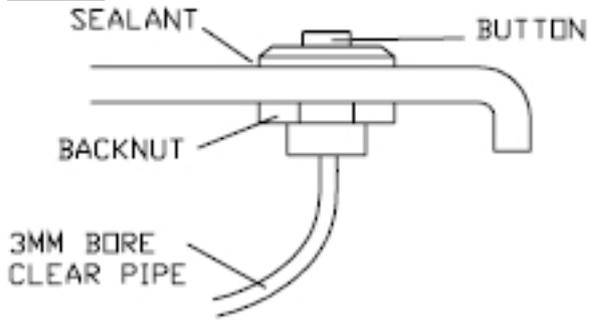


Fig. 03

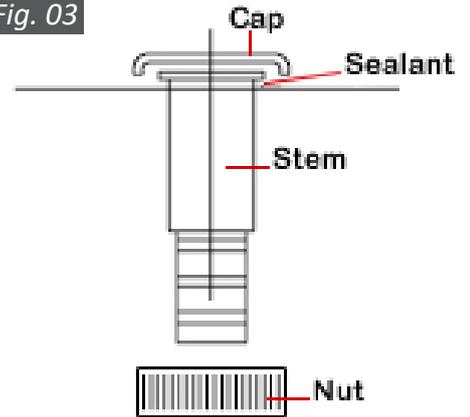


Fig. 02

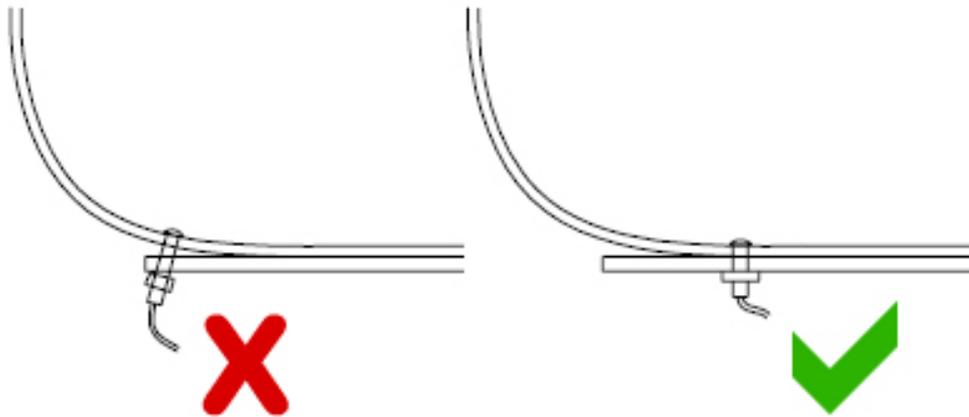
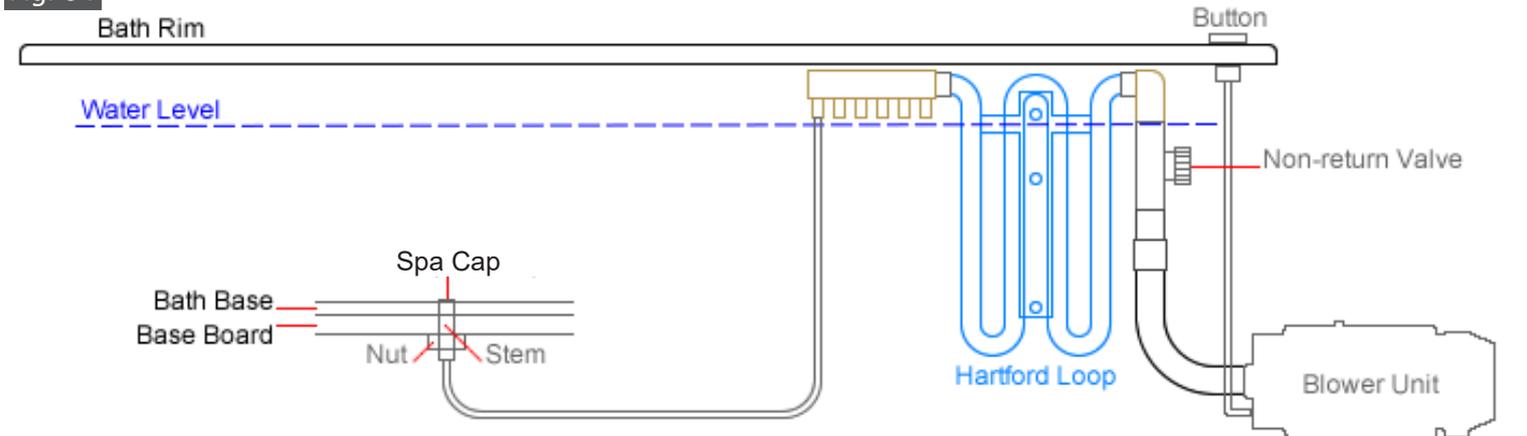


Fig. 04



Head Office: 61-62 Lower Dock Street, Kingsway, Newport, South Wales NP20 1EF

Telephone: (01633) 244555

Facsimile: (01633) 244881

Email: technical@weuk.co.uk

Internet: www.whirlpoolexpress.co.uk

