

Installation Instructions

Whirlpool System



(tc)
bathrooms

Please read these instructions carefully before commencing installation.

- The proposed installation must allow access to the pump for servicing, with apertures large enough to facilitate removal of the pump.
- Before commencing installation, remove packaging materials and check the bath, pipe work and pump for signs of accidental damage as claims for damage will not be accepted by the manufacturer after installation.
- This document should be retained by the end user.

Whirlpool System Use and Maintenance

- Always ensure that the bath water level is above the jets before operating the system. Running the pump "dry" will eventually overheat the seal causing it to fail and leak.
- **Controls**
The operation and effect of both pneumatic and electronic controls can be found in the test procedure.
- **General Use and Maintenance**
The system will not be affected by domestic bath additives such as bath salts or oils. Bubble bath should be used very sparingly, as the aeration effect of the jets can produce large amounts of foam very quickly.
Normal hygiene procedures should be observed with the additional periodic use of a proprietary sanitizing agent
If the bath is not to be used for any length of time such as holiday periods, it is recommended that the system should be sanitized after the last bath before you leave and again before using the bath on your return.
The system has been fitted to achieve drainage. Drops of water will continue to drain out of the jets and suction for some time after the bath has been emptied, this is quite normal.
Normal domestic bathroom cleaners can be used on all the whirlpool system fittings. Abrasive cleaners must not be used on chrome or gold plated fittings.
Always isolate the power supply when the system is not in use.
If an underwater light is fitted do not switch it on unless the lens is completely covered by the bath water.
Under normal operating conditions, no servicing of the system should be required for the life of the product. There are no user serviceable components, if a fault does occur please contact your supplier. Attempts to repair or modify any of the components may cause damage.

Installation

- Before moving the bath into position, set it level and to the required height.
- If the system is pneumatically controlled, check that the pipe from the on/off button to the pump is in position and not trapped or kinked. For electronically controlled systems, check that the wiring from the touch pad to the pump control box is intact.
- Check that any bath panels to be fitted will clear the pump and pipe work.
- The bath can now be moved into position and fixed according to the bath manufacturers instructions, ensuring that there is wall side clearance for the pump and pipe work. The water and waste connections can now be made.

Electrical Connection

- This should be carried out to national requirements by a qualified Electrician.
- Supply requirements - 240V, 13 amp, live, neutral, earth, (Additional exponential earth located on side of pump). The exponential earth connection to the motor is in addition to the supply cord and must be carried out). **WARNING THIS APPLIANCE MUST BE EARTHED!**
- Wiring must comply with all regulations for electrical wiring, as published by the institute of electrical engineers.
- The supply must be via an earth leakage/residual breaker (ELCB, RCD, RCCB) rated at 13 amp minimum with a 30 milliamp trip current. The supply line should be installed on a switched fused spur which, together with the RCD, should be fitted outside the room where the bath is installed. Class 1 appliances must be permanently connected to fixed wiring.
- The pump is factory wired with a 1 metre 3 core flex for connecting to the power supply which must be a double pole isolation switch with at least a 3mm air gap and located in the outside zones as referred to in the wiring regulations. If the connection is made in the room where the bath is installed, the connector must be rated at least IP55.
- There is no need to remove the terminal block cover of the motor (or the timer control, if fitted). Doing so without authorisation from tc bathrooms. Will invalidate any warranty.
- The supply should be to ensure earthing is in existence and is satisfactory, ensuring that it is supplied from the outside zones of the installation.
- Parts containing live parts, except parts supplied with safety extra low voltage not exceeding 12 V must be inaccessible to a person in the bath.
- Parts incorporating electrical components, except remote control devices, must be located or fixed so that they cannot fall into the bath.
- Always ensure that the product is fixed as recommended by the manufacturer.
- Please ensure at all times when operating and using the system that no other appliances are used in or are in the close proximity of the bath.

Test Procedure

- This should be carried out before panels are fitted and tiling is completed.
- Isolate the power supply.
- Ensure that the bath does not contain any debris and that the suction fitting is clear:
- Fill the bath with water to completely cover all the jets
- Check the pump, pump connections and pipe work for leaks.
- Switch on the power supply and press the on/off button to start the system. Whilst the system is running, check again for leaks.
- With the air control open, (turn anti-clockwise) check that all the jets are working correctly. Closing down the air control (turn clockwise) should eliminate virtually all the air bubbles from the jets. Check again for leaks with the air control closed.
- If the system is leak free and operates correctly, drain the bath and complete the installation.

The system has been fully inspected and rigorously tested in our workshops. If, on installation it does not operate correctly or leaks occur, contact your supplier immediately. Attempts to repair or modify any of the fittings, pipe work or electrical equipment may cause damage and invalidate the warranty.