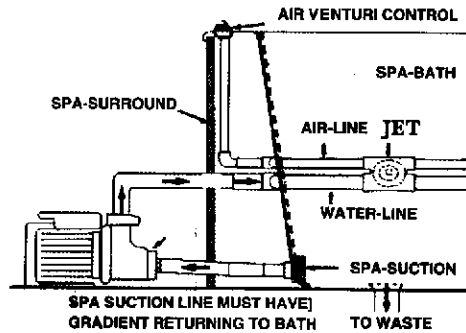


Fig. 1



**Special Note:**

To avoid water damage to property from leaking connections or normal wear, the pump must be installed on a well drained site or a properly constructed drain tray.

**Electrical Connection**

Plug the spa pump power cord into a dedicated power socket and switch the power on. All spa bath pumps must be installed in accordance with relevant electrical standards. Terminal box cover should be securely in place before connecting the pump to electricity to prevent electric shock or injury. Motor is fitted with auto-reset thermal switch and may restart without warning. Hongmotor spa pumps are suitable for connection to 220-240volt 50Hz power outlets. Some models will require a 12Amp outlet. Check motor I.D. label for details. All pumps must have a dedicated power supply.

**Special Note:**

If service is required to the power lead it must be returned to the distributor for repair. Warranty is void if unauthorized modifications are made to any component.

**Air Switch**

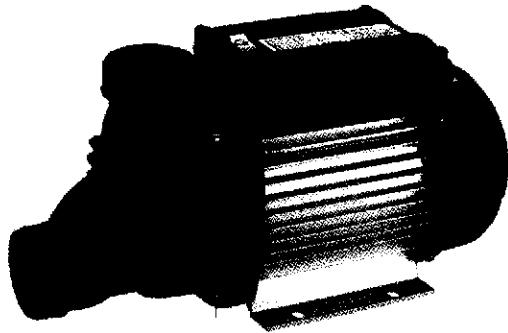
All WPP series spa bath pumps include an integrated air switch.

**Operating WPP Series Spa Bath Pumps**

Before filling and starting your spa bath, ensure that the spa bath is free from debris or any material that may cause blockage to the pump or impeller. Fill the bath to a minimum 50 mm above the spa jets and check before switching on that there are no visible leaks from pipework or connections. To start pump, depress the air button on the spa bath. This will purge air from the plumbing and spa jets. After a short period of time the spa jets will start to operate normally. To stop spa jet operation depress the air button again.

SYMPTON	REMEDY
1. Pump starts but no water from spa jets.	Pump not installed at the correct level (refer Fig.1). Check with installer. Ensure the bath is filled with water to manufacturer's recommendations, approximately 50mm above spa jets. Open air venturi control on bath edge to release any trapped air from pipework. Start and stop the pump for 10 seconds do this 5 times to purge the air. If pump does not start pumping water call a technician.
2. Pump does not start.	Pump motor connected to incorrect voltage. Faulty stop/start button on bath edge, -check for free operation. Check air line-may be dislodged or kinked. No power-check fuse at power point. Electric motor thermal overload tripping. This will reset automatically when electric motor has cooled. If problem continues, pump/motor should be checked by a technician. WARNING: Continued operation with this symptom may result in permanent damage.
3. Pump starts then stops	Insufficient water in bath. Fill to manufacturer's recommendation approximately 50 mm above spa jet level. Blocked suction inlet. Clear obstruction and push stop/star button to restart pump. Electric motor thermal overload tripping. This will reset automatically when electric motor has cooled. If motor continues to trip there is a problem and the motor should be checked by a technician. Pump impeller may be jammed with foreign material Pump must be checked by a technician.

# WPP SERIES Spa Bath Pumps



## Owner's Manual

We recommends that an earth leakage or residual current protection device be fitted to all installations.

Should the installer or owner be unfamiliar with the correct installation or operation of this type of equipment you should contact the distributor manufacturer for the correct advice before proceeding with the installation or operation of the product.

### Relax-you have bought our spa pump...

*Congratulations on your decision to purchase our product. Our company is one of the best known companies in its field, with a proud local and international reputation.*

#### 1. Continual Product Improvement

*Our company* employ the best engineers from around the world to develop new and better ways to pump and handle water.

#### 2. Dedication to Quality

There is only one standard that we set ourselves for both product quality and the quality of our service. That standard is excellence...to have

No-one better than us at what we do...nothing short of that is acceptable.

#### 3. A Fair Price

Our products always represent very good value for money-they always have and they always will.

## OPERATING INSTRUCTIONS

### WPP Series Spa Bath Pumps

### Model WPP600, WPP750, WPP900, WPP1100, WPP1500

#### Spa Pump Position

If the spa bath pump is supplied separately to the spa bath, position the pump as close as possible to the spa. This will ensure optimum spa jet performance.

The spa bath pump must be protected from exposure to weather. It is important to ensure that there is adequate ventilation provided for the spa pump (minimum area 104 sq cm). Without adequate ventilation the pump motor will over-heat causing nuisance motor stops and starts.

Failure to comply with these instructions may cause pump damage and/or removal costs which are not covered by our warranty.

#### Plumbing Installation

The spa bath pumps are supplied complete with integrated barrel unions to allow easy installation of PVC pipework.

The spa bath pump must be mounted below the normal operating spa bath level but above the spa bath to ensure correct pump priming and pump/pipe drainage (see Fig. 1) All water must drain back into the spa when emptied. This is in accordance with local Health Department Regulations.

Ensure pipes rise evenly from the spa bath to the spa bath pump to avoid airlocks (otherwise the spa pump will not prime, refer Fig. 1). All pipe connections must be watertight.

Never allow spa pump to run without water as this may result in damage to the pump sea.