

HYDROKWIP POOL AND SPA PUMP

INSTALLATION AND SAFE OPERATIONAL PROCEDURES

MODELS HK 50, HK75, HK100, HK125, HK150, HK200

HydroKwip pool pumps are manufactured to Australian standard AS3633 ensuring maximum performance and reliability. Each unit is fully water tested for flow, pressure, voltage, current and mechanical performance. The electric motor is fitted with thermal overload protection and conforms to the relevant standard for noise or decibel rating in a domestic environment. A three pin plug is fitted for connection to a 240 volt – 50 Hz weather proofed power supply. Pump should not be connected to a power or extension lead under any circumstance.

Pump should be installed in a dry area avoiding exposure to direct sun and weather where possible with suitable ventilation and fan clearance to allow motor cooling. Install pump no more than 500mm above a flooded suction line with sufficient ground clearance to avoid exposure to flood water during torrential rain. A check valve must be installed in the suction line if installed more than 500mm above water level.

Equipment should be covered to ensure maximum service life.

SAFE INSTALLATION:

- An earth leakage or safety device must be installed on the pump power supply.
- Water temperature must not exceed 45 degrees C
- Pump connections are optional 40mm or 50mm, smaller diameter pipe connections are not recommended. Use only recommended jointing compounds when installing.
- Install gate valves on the inlet and outlet lines where the equipment is situated below water level for service convenience.
- If the pump is hard wired then electrical connection or removal must be carried out by a fully qualified electrician.
- Ensure pump power isolation switch is easily accessible for quick emergency response.
- Do not connect pump to a suction inlet or device where entrapment might occur. Ensure suitable safety suction fittings are fitted to prevent entanglement of hair and accidental injury.
- Maintain water balance and sanitation in accordance with domestic swimming pool parameters.
- HydroKwip pumps are suitable for use with domestic salt water systems.

GENERAL PUMP MAINTENANCE

Pump hair & lint pot must be primed or filled with water before switching pump on. Air should be expelled within seconds and full flow achieved. Ensure filter is clean, valves are fully open if fitted, and filter pressure gauge indicates flow efficiency. Do not allow pump to run dry and operate without water as damage could occur. This will not be covered under product warranty.

The pump strainer basket is designed to collect small debris that bypasses the skimmer basket. An overflow basket can split under strong vacuum pressure allowing the debris to enter and block the pump impeller. Strainer basket should be checked and cleared regularly to maintain flow efficiency during a filter cycle.

Air bubbles entering the hair & lint pot when filtering could indicate a suction line problem that may need rectification. **Seek professional assistance and technical advice should any suction problem be evident.**