

MAGNA-FLO PUMP

Installation Instructions



Pump Dimension: 64cm L x 45cm H x 30cm W.

Pump Performance:

$\frac{3}{4}$ HP Pump (0.75)	250 Litres per minute at 50 KPA pressure
1 HP Pump	300 Litres per minute at 50 KPA pressure
1.5HP Pump	360 Litres per minute at 50 KPA pressure
2 HP Pump	500 Litres per minute at 50 KPA pressure

Once the pump and motor have been removed from the carton, make sure the following components have been included.

- Pump and electric motor (combined)
- Pump lid clamp
- Pump lid
- Pump lid rubber Oring (assembled in pump body)
- Barrel unions
 - 50mm thread - 40mm plain - (Rubber Oring Gasket attached to thread)
 - 40mm thread - 40mm plain - (Rubber Oring Gasket attached to thread) (0.75, 1, 1.5 HP Pump)
 - 50mm thread - 50mm plain x 2 (2 HP Pump)

1. Barrel Unions

- a. Disassemble the barrel union's threaded section from the plain section with the threaded cuff attached.



- b. Using PTFE plumbers tape or silicon sealer on the barrel union 50mm threaded section, Attach firmly to the suction (front) port of the pump. **CONNECTION MUST BE TIGHT ENOUGH TO AVOID LEAKS. (A rubber oring gasket is attached to the barrel union threaded section to help seal the connection).**



- c. Using the method above on the barrel union 40mm threaded section, attach firmly to the discharge port (top of pump body). **THE THEADED CONNECTION MUST BE TIGHT TO AVOID LEAKING, WHICH COULD DAMAGE THE PUMP ELECTRIC MOTOR. (A rubber oring gasket is attached to the barrel union threaded section to help seal the connection).**



2. Location

Make sure the pump is located on a firm base, preferably a concrete slab or similar, as close to the suction and discharge pipes of the pool or spa.

Glue the barrel union female sides, with threaded cuffs attached to the pool or spa's suction and discharge pipes. Attach the threaded cuffs onto the threaded connectors attached to the suction and discharge ports on the pump, making sure they are tight.

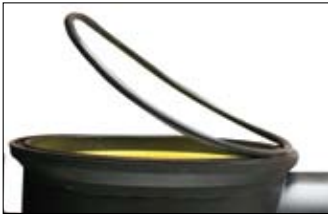


3. Start Up

- a. Attach the lid clamp to the pump body.
b. using a bucket, fill the pump's hair and lint pot with water.



c. Assemble the pump lid (making sure the lid rubber Oring is in place). Tighten the lid clamp so that the lid is firmly in place.



The pump is ready to be primed.

Install the 3 point electrical plug into a weather resistant (outdoor type) plug socket - 240volts.

Switch On

The pump will immediately start circulating the water. Once primed (having removed any air out of the pool or spa's reticulation system), the pump will operate normally.

The pump must be installed in accordance with national wiring rules.

This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning the use of the appliance by a person responsible for their safety.

Children should be supervised to ensure that they do not play with the appliance.

If the electrical supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.

Pump Approval Number - NSW23373