



GX Series Cartridge Filter

INSTALLATION AND OPERATING INSTRUCTIONS



HURCLON Manufacturing & Sales Pty. Limited. A.B.N. 97 007 284 504

www.hurlcon.com.au email: service@hurlcon.com.au

Information and specifications subject to change without notice.

Victoria:

Ph: (03) 9765 9765
Fax: (03) 9764 9009

New South Wales:

Ph: (02) 9674 8544
Fax: (02) 9674 8522

Queensland:

Ph: (07) 3393 3233
Fax: (07) 3393 3255

South Australia:

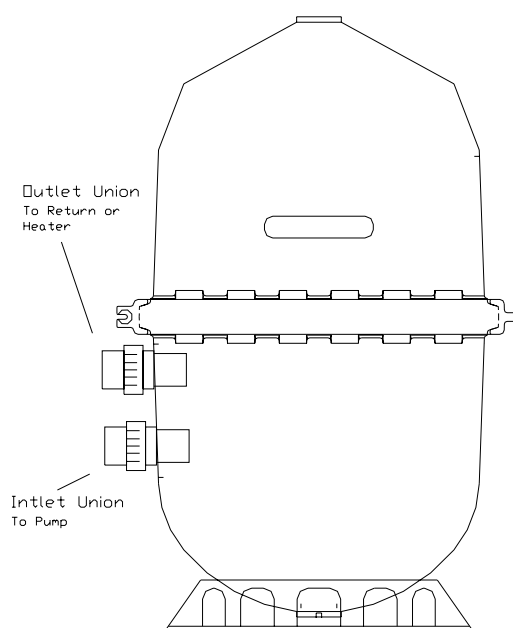
Ph: (08) 8345 5755
Fax: (08) 8345 5211

Western Australia:

Ph: (08) 9258 9322
Fax: (08) 9258 9344

INSTALLATION

1. Install Cartridge filter on a clean, stable and level base.
2. The GX Cartridge Filter has two 50mm water connections. The inlet port (from pump) is located at the bottom of the filter. The outlet port, or return to pool or spa is the top connection. Glue 50mm PVC pipe into each barrel union.
3. Allow a minimum on one hour for glue to dry.
4. Using Teflon tape, screw pressure gauge into lid.
5. If filter is installed below water level, isolation valves must be installed on the inlet and outlet to enable the filter to be dismantled for cleaning without the loss of water from the pool or spa.
6. It is also recommended that a three way valve be installed on the return line to allow dumping of water from the pool or spa when necessary.



START UP INSTRUCTIONS

1. Before start up make sure the cartridges and manifold are inside the filter and clamp band is in place and tightened.
2. Open the suction and return line valves (when fitted).
3. Start pump – open the air release valve on the filter lid until water flows-then close. Check there is a good flow of water back in the pool.
4. Clean the cartridge when the flow to the pool reduces or the pressure gauge increases by 10 kPa.

PUMP PRIMING

1. With the pump OFF, remove the lid from the pump strainer and pour in approximately 4 litres of water.
2. Replace lid.
3. If valve has been installed on the pump suction line, close before filling strainer. Open again after lid has been securely fastened in place. Any valves on the return lines should be open. The pump should not need to be re-primed unless the pump has been drained for servicing, or winterizing (refer to complete pump operations manual provided with pump).

| |
|----------------------------------|
| TO CLEAN FILTER CARTRIDGE |
|----------------------------------|

1. Stop pump and close valves on the suction and return lines.
2. Open the air bleed valve on the lid.
3. Loosen clamp band around centre of filter and remove.
4. Lift off top half of filter tank and then remove cartridge manifold assembly.
5. Lift out cartridges. Clean the cartridges by soaking it in a mild solution of chlorine and warm water for 15 minutes and then hose off with high pressure water.
6. Replace the cartridges – carefully locating them onto the bottom spigot.
7. Clean the tank ‘o’ ring and re-fit into position. Replace the top half of the filter and press firmly into place.
8. Fit the clamp band assembly and tighten the clamp assembly.
9. Open the valves – start the pump.
10. Close air bleed valve on top of filter when water spurts out.

NEVER LOOSEN THE CLAMP WHEN THE PUMP IS OPERATING.

| MODEL | PART NO. | CARTRIDGE ELEMENT PART NO. | FILTER AREA | MAX FLOW RATE L/Hr | MAX FLOW RATE L/M | 4 HR TURN OVER | 6 HR TURN OVER | PUMP SIZE | SHIP KG'S | CUBIC MEASURE |
|-------|----------|----------------------------|----------------------------------|--------------------|-------------------|----------------|----------------|---------------|------------|--------------------|
| GX400 | 10050 | 78083 | 400 sq ft 38.0 m ² | 32,400 | 500 | 129,600 | 194,400 | 750w 1500w | 37.0 kg | 0.63m ² |
| GX600 | 10051 | 78084 | 600 sq ft 57.00m ² | 33,600 | 500 | 134,400 | 201,600 | 750w 1500w | 38.0 kg | 0.63m ³ |

WARRANTY

Your Hurlcon GX Cartridge Filter is covered by a limited five year warranty against defects in materials or manufacture. The outer case and clamp band are covered for a period of five years and the pressure gauge and element in covered for one year from the date of purchase plus 30 days to allow for installation.

In field labour warranty applies only within capital city metropolitan areas or within 20 kilometers of an authorised Hurlcon service agent. Should you reside outside these locations, a traveling charge may be applied. Should the gauge or cartridge element fail, it must be returned to Hurlcon freight pre paid for repair or replacement at our option.

Hurlcon shall not be responsible for consequential damages of any kind. This warranty does not cover damage caused by accident or misuse. The warranty is only valid when the filter is used on swimming pool and spa pool applications only. No person is authorised to make any representations on behalf of Hurlcon.

Commercial Installations

On Commercial Installations, such as health clubs, motels/hotels and hydrotherapy, parts and in field labour warranty (within capital city metropolitan areas or 20km radius of authorised service agents) is 12 months from the date of purchase plus 30 days. The cartridge element is warranted for 30 days.

Hurlcon Manufacturing & Sales Pty. Limited

| | | | | |
|---------------------|-------------------------|---------------------|-------------------------|---------------------------|
| Victoria: | New South Wales: | Queensland: | South Australia: | Western Australia: |
| Ph: (03) 9765 9765 | Ph: (02) 9674 8544 | Ph: (07) 3393 3233 | Ph: (08) 8345 5755 | Ph: (08) 9258 9322 |
| Fax: (03) 9764 9009 | Fax: (02) 9674 8522 | Fax: (07) 3393 3255 | Fax: (08) 8345 5211 | Fax: (08) 9258 9344 |

Website: www.hurlcon.com.au

Email: service@hurlcon.com.au