



ZX Series Cartridge Filter

INSTALLATION AND OPERATING INSTRUCTIONS



Melbourne: 03 8796 8600
Sydney: 02 9853 2100
Brisbane: 07 3308 5400

Gold Coast: 07 5552 2600
Townsville: 07 4750 3100
Adelaide: 08 8152 7600

Perth: 08 9350 2600
sales@astralpool.com.au
www.astralpool.com.au

A division of
FLUIDRA
The Fluidra logo graphic consists of three overlapping circles in blue, green, and yellow.

INSTALLATION OF ZX SERIES

1. Install Cartridge filter on a clean, stable and level base.
2. The cartridge filter has three inlet ports (from pump) and one outlet port (to pool/spa). Glue 50mm tail into one of the inlets and one 50mm tail into the outlet of the filter that suits the plumbing configuration.
3. Glue in blanking caps into the two remaining inlets. Allow a minimum on one hour for glue to dry.
4. Using Teflon tape, screw pressure gauge into lid.

START UP INSTRUCTIONS

1. Before start up make sure the cartridge is in the filter and the lid lock ring 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 ON ZX SERIES

1. Stop pump-close valves on the suction and return lines.
2. Open the air bleed valve on the lid.
3. Loosen lock ring and remove cartridge.
4. Lift out cartridge. Clean the cartridge by soaking it in a mild solution of chlorine and warm water for 15 minutes and then hose off with high pressure water.
5. Replace the cartridge – carefully locating it on the bottom spigot.
6. Clean the lid ‘o’ ring. Replace the lid and press firmly into place.
7. Tighten the lid lock ring until safety catch locks.
8. Open the valves – start the pump.

NEVER LOOSEN THE LOCK RING WHEN THE PUMP IS WORKING

MODEL	PART NO.	ELEMENT PART NO.	FILTER AREA	FLOW RATE L/Hr	FLOW RATE L/M	4 HR TURN OVER	6 HR TURN OVER	PUMP SIZE	SHIP KG'S	CUBIC MEASURE
ZX50	10040	78095	50 sq ft 4.75 m ²	13,500	225	54,000	81,000	550w 750w	7.0 kg	0.035m ³
ZX75	10041	78096	75 sq ft 7.00m ²	17,400	290	70,000	104,000	550w 1100w	8.0 kg	0.035m ³
ZX100	10042	78097	100 sq ft 9.40m ²	22,500	375	90,000	135,000	750w 1100w	15.5 kg	0.050m ³
ZX150	10043	78098	150 sq ft 14.00 m ²	28,500	445	106,800	160,200	750w 1500w	16.5 kg	0.05m ³
ZX200	10044	78099	200sq ft 19.00 m ²	29,400	490	117,600	176,400	750w 1500w	24.0 kg	0.07m ³
ZX250	10045	78094	250sq ft 24.00 m ²	30,900	515	123,600	185,400	750w 1500w	25.0 kg	0.07m ³

Maintenance of your filter

Maintenance Schedule: Your new product incorporates moving parts and withstands high velocity water with chemicals in it. Some of these parts will wear in the normal course of use and require regular checks and maintenance. Performing these checks and maintenance will identify parts that have worn and require repair/replacement before further serious damage is sustained. A small amount of regular care and attention to your pool equipment will help ensure long life and trouble free performance.

Timing	Maintenance Check	Service action (if required)
Fortnightly	Check pressure gauge. If pressure increase is greater than 20kPa cleaning may be required	In accordance with instructions, clean elements with a high pressure cleaner or purpose element cleaner
Three Monthly	Check inlet/outlet o'rings for leaks Check operation of pressure gauge – salt water can prematurely reduce the life of a gauge	Isolate Pump, turn power off, clean and grease O rings or replace if necessary Replace gauge if required
Annually	Compare operating pressure of a cleaned filter to initial pressure (when new). Also check for signs of damage to elements	If pressure is more than 30 – 40 kPa different from cleaned elements to new filter, replace elements

Important note: Regular maintenance is important to ensure long life and trouble free performance of your pool equipment. If unable to perform the maintenance yourself, contact your local AstralPool office who will arrange a trained service technician to perform the maintenance for you.

Record your Equipment details here for quick reference:

Model No.: _____

Serial No.: _____

Initial Pressure (kPa): _____

WARRANTY

Your Cartridge Filter is covered by a limited five year warranty against defects in materials or manufacture. The outer case, lid and lock ring are covered for a period of five years and the pressure gauge and element are 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 AstralPool 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 AstralPool freight pre paid for repair or replacement at our option.

AstralPool 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 representations on behalf of AstralPool.

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.

ASTRALPOOL Pty. Limited. A.B.N. 97 007 284 504
www.astralpool.com.au email: service@astralpool.com.au
Information and specifications subject to change without notice.

Victoria:	New South Wales:	Queensland:	South Australia:	Western Australia:	Gold Coast:	Townsville:
Ph: (03) 8796 8600	Ph: (02) 9853 2100	Ph: (07) 3308 5400	Ph: (08) 8152 7600	Ph: (08) 9350 2600	Ph: (07) 5552 2600	Ph: (07) 4750 3100
Fax: (03) 8796 8670	Fax: (02) 98532170	Fax: (07) 3308 5470	Fax: (08) 81527670	Fax: (08) 9350 2670	Fax: (07) 5552 2670	Fax: (07) 4750 3170