



SWIMMING POOL CARTRIDGE FILTER INSTALLATION AND OPERATING INSTRUCTIONS



INTRODUCTION

Congratulations on the purchase of your Filtrite CF series cartridge filter.

The CF series filters are made to last by utilising the best quality materials available. The tank is made from high quality ABS plastics, capable of withstanding the harshest of environments while DuPont Remay elements are used which are regarded by the industry as the best available. Include with this Mircoban antimicrobial coating on the elements and you are sure to achieve one of the cleanest pools possible.

WARNING: DO NOT OVERTIGHTEN LOCKING RING AS THIS MAY CAUSE THE FILTER TO LEAK. GENTLE HAND TIGHT IS SUFFICIENT FOR CORRECT SEALING.

INSTALLATION OF CF SERIES

1. Ensure cartridge filter is located on a clean, stable and level base.
2. The CF series filter has three inlet ports (from pump) and one outlet port (to pool/spa). Glue one of the 50mm slip tails supplied into one of the inlets and second slip tail supplied into the outlet of the filter that suits the plumbing configuration.
3. Glue in the supplied blanking cap and drain plug cap into the two remaining inlets. Allow a minimum of one hour for glue to dry before subjecting filter to system pressures.
4. Glue water connection pipes from pump and pool return to 50mm tails supplied. (Ensure locking nut is placed on pipe before gluing on tails.
5. Apply Teflon tape (not included) to the pressure gauge and screw into lid where indicated.

START UP INSTRUCTIONS

1. Before starting up your CF filter, make sure the cartridge is in the filter and the lid and lock ring are in place and tightened.
2. Open the suction and return line valves (when fitted).
3. Start pump and open the air release valve on the filter lid 2 to 3 turns – air will begin to be forced from the tank. Once water begins to flow from the valve, tighten to close. Check there is a good flow of water back into the pool.
4. Clean the cartridge when the flow to the pool reduces or the pressure gauge increases by 15 – 20 kPa.

PUMP PRIMING

1. With the pump OFF, remove the lid from the pump strainer and fill with water to the top of the lid pot.
2. Replace and tighten lid on pump.
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 CF SERIES

1. Stop pump-close valves on the suction and return lines.
2. Open the air bleed valve on the lid.
3. Proceed to loosen locking ring on filter. As you turn the locking ring, the lid of the filter will be lifted out of the body. Once lid is free of the body, lift lid and locking ring together and place in a clean location. You can now remove the cartridge.
4. Clean the cartridge by soaking it in a mild solution of chlorine and warm water for 15 minutes and then hose off with water. Alternatively, special formulated element cleaning solutions can be purchased from most pool professionals. (Note: do not use high powered water jets to clean – this may cause damage to the element)
5. Replace the cartridge; ensure correct location on the bottom spigot.
6. Insert the top locating spigot into the element.
7. Clean the lid, locking ring and lid 'o' ring. These should be rinsed with clean water to ensure not grit or grime has deposited into the threads. Replace the lid and locking ring onto the top of the filter tank, ensuring correct alignment with the locating spigot..
8. Commence tightening the lid lock ring – the lid will begin to be pulled down into the filter tank. Continue to tighten the lock ring until safety catch locks into place. **DO NOT OVERTIGHTEN LOCKING RING AS THIS MAY CAUSE THE FILTER TO LEAK. GENTLE HAND TIGHT IS SUFFICIENT FOR CORRECT SEALING.**
9. Open the valves – start the pump.

NEVER LOOSEN THE LOCK RING WHEN THE PUMP IS WORKING

FILTER SPECIFICATIONS

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
CF50	10040	78095	50sq ft 4.75 m ²	13,500	225	54,000	81,000	550W 750W	7.0 kg	0.035m ³
CF75	10041	78096	75sq ft 7.00m ²	17,400	290	70,000	104,000	550W 1100W	8.0 kg	0.035m ³
CF100	10042	78097	100sq ft 9.40m ²	22,500	375	90,000	135,000	750W 1100W	15.5 kg	0.05m ³
CF150	10043	78098	150sq ft 14.00m ²	28,500	445	106,800	160,200	750W 1500W	16.5 kg	0.05m ³
CF200	10044	78099	200sq ft 19.00m ²	29,400	490	117,600	176,400	750W 1500W	24.0 kg	0.07m ³

MAINTENANCE OF YOUR FILTER

Your new product incorporates moving parts and withstands high velocity water with chemicals in it. It is important to note that over time some of these parts will wear in the normal course of use and require regular checks, maintenance and possible replacement.

Performing the maintenance checks below will help to identify parts that have worn and require repair/replacement before further serious damage is sustained. Please note that repair/replacement of moving parts due to regular wear and tear are the responsibility of the pool owner(s) and are not deemed to be covered under warranty. A small amount of regular care and attention to your pool equipment will help ensure long life and trouble free performance.

Maintenance Schedule:

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 be happy to 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

Fluidra Group Australia Pty Ltd (ABN 87 002 641 965) provides the following express warranty for this product.

Product Name	Warranty Period	Limitations / Enhancements
<i>OEM Brand – Product Name</i>	5 YEAR	<i>1 YEAR ON FILTER ELEMENT, O-RINGS AND GASKET SEALS</i>

EXPRESS WARRANTY

Fluidra Group Australia Pty Ltd (Fluidra) warrants that its Products will be free from defects in materials and workmanship when used in domestic swimming pools. This express warranty only applies to services and products purchased within Australia from Authorised Dealers

For the purposes of this warranty, 'domestic swimming pool' means a swimming pool on a single dwelling site. Products used at other sites, including (but not limited to) hotels, swimming schools, rehabilitation and therapy centres, apartment buildings, townhouse complexes and other multiple dwelling sites, are generally operated for significantly longer periods and are subject to more wear and tear than Products used in domestic swimming pools. Consequently, for all Products used at such sites the warranty period is 1 year instead of the periods set out above. Fluidra, may, however, in its absolute discretion, consider extending the 1 year warranty period for FILTRITE CF FILTER used at particular sites because of actual usage patterns. Any such extension shall only be binding if Fluidra gives it expressly in writing.

CONDITIONS

1. This express warranty only applies if the Product has been purchased from a dealer authorised by Fluidra to supply it (Authorised Dealer). Purchase from an Authorised Dealer ensures that the product is a genuine A product, that it is the version designed for Asia Pacific conditions, and that the Purchaser has access to appropriate technical knowledge and advice.
2. The liability of Fluidra, under this express warranty is limited, at its option, to the repair or replacement of the Product or the payment of the cost of having the Product repaired or replaced.
3. This express warranty does not apply in the following circumstances: (a) if the Product has not been installed in accordance with the product's installation instructions; (b) if the Product has been modified other than as authorised by Fluidra or if a component part has been replaced by a part that is not a genuine Fluidra product; (c) if a defect results from use of the Product outside recommended operating conditions; or (d) if a defect results from damage (including damage to any internal electronics) caused by a power surge or lightning strike, insect or animal ingress. FILTRITE CF FILTER is designed and tested in accordance with International Standard EN 61000-6-1 immunity measurements. The product is designed to tolerate minor fluctuations (2000 volts) in power supply that can be reasonably expected to occur in the energy grid. They will not tolerate power surges outside these limits.
4. Without limiting 3 above, products sold by Fluidra are designed for use with swimming pool water balanced in accordance with Australian Standard AS3633-1989 with a pH range of 7.0 - 7.8. Maximum chlorine readings should not exceed 4ppm. Where pool water is not maintained within these parameters, Fluidra will not be responsible under this express warranty for any resulting damage, including damage caused by corrosion, scaling or stress loading.
5. Replacement parts supplied under this express warranty are warranted to be free from defects in materials and workmanship for the remainder of the warranty period or for 12 months from the supply of the replacement, whichever is longer.
6. **This express warranty is not transferable and applies to the original purchaser only.**
7. **How to make a warranty claim.** A proof of purchase must be received by Fluidra, prior to any warranty work being approved. Where applicable, a serial number, installation date and name of installer is required as part of this process. The Purchaser must telephone or email Fluidra Customer Service and obtain a warranty ID number for warranty claim. Contact details are: Fluidra Australia, 219 Woodpark Road, Smithfield NSW 2164, Customer Service telephone:1300MY FLUIDRA. Email address: service.au@fluidra.com

8. Fluidra, as the case may be, reserves the right to determine, in relation to each warranty claim, whether the Product should be returned to the Authorised Dealer at the address where the Purchaser purchased the Product or whether warranty service will be provided in the field, repaired at a Fluidra workshop or at the premises of an authorized Fluidra warranty agent.
9. If it is necessary for the Purchaser to incur freight charges in making a valid claim under this warranty, Fluidra, as the case may be, will reimburse the Purchaser for charges reasonably incurred upon proof of the charges.
10. **Additional guarantees, rights and remedies Australian Purchasers** - Guarantees under the Australian Consumer Law. The benefits of this express warranty are in addition to other guarantees, rights and remedies Australian consumers have under the Australian Consumer Law. Our products come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.
11. **INCONSISTENCY WITH WARRANTY STATEMENTS IN PRODUCT MANUALS OR OTHER DOCUMENTS ACCOMPANYING PRODUCTS** If any warranty statements in a Fluidra product manual or other document are inconsistent with the above Express Warranty and Guarantees, the above overrides and replaces the inconsistent statements.



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Information and specifications subject to change without notice.