



Pump and Filter Assembly Guide

Waterways 1HP / 50



STEP 1

Remove contents from the box. Place the base, with pump attached on the ground. Locate the Hair/Lent pot.



STEP 2

Open up the Hair/Lent pot by removing the clear top. Remove the contents.



STEP 3

Located in a plastic bag is a black connector piece and two screws. Remove these two black connector parts, place them around the neck of the Hair/Lent pot and use the two screws to connect.





STEP 4

Making sure the plastic O-ring is in place, attach the Hair/Lent pot to the front of the pump.

Important Note: there is teflon tape included in the package. Use that on all threads.

STEP 5

Locate the connector neck at the base of the long white filter housing (marked "In", and locate a black o-ring. Using the stabilizing base, attach the filter housing to the side of the pump.



STEP 7

Attach the hose adapter coupling, with black o-ring, to the Filter Housing marked "Out", and the black hose adapter to the front of the Hair/Lent pot.

TIP: If you run out of Teflon Tape, you can also use Vaseline or Plumber's Silicon on the threads as well.



STEP 8



Locate the “Bleeder Valve” on the top of the filter. When you first start up your pump and filter, air will need to be released out. Unscrew this slightly. As the pool fills, water will eventually shoot out from here. Tighten and run your pump fully.

STEP 9



On the filter top is also a pre-drilled opening. Here you will need to screw in the pressure gauge. This gauge will help you know when to clean your filter element.

STEP 10



Attach the hoses and secure with the hose clamps. **Make Sure the Hose going from the White Filter Housing marked “OUT” is Attached to the Gate Valve with the Eyeball Diverter.** Refer to the Plumbing Kit Assembly Guide for a diagram of the eyeball diverter.

When to Clean the Filter:

The gauge face shows back pressure based on how dirty or clean your cartridge is. Note that then gauge is (usually) marked in 10s.

Every pump and filter will have a different starting point. When you get your pump and filter up and running, after about 10 minutes of operation, mark where the needle is and that is your indication of a new/clean cartridge.

When the gauge reads 10-15 more than when it started, it is typically time to clean the element.

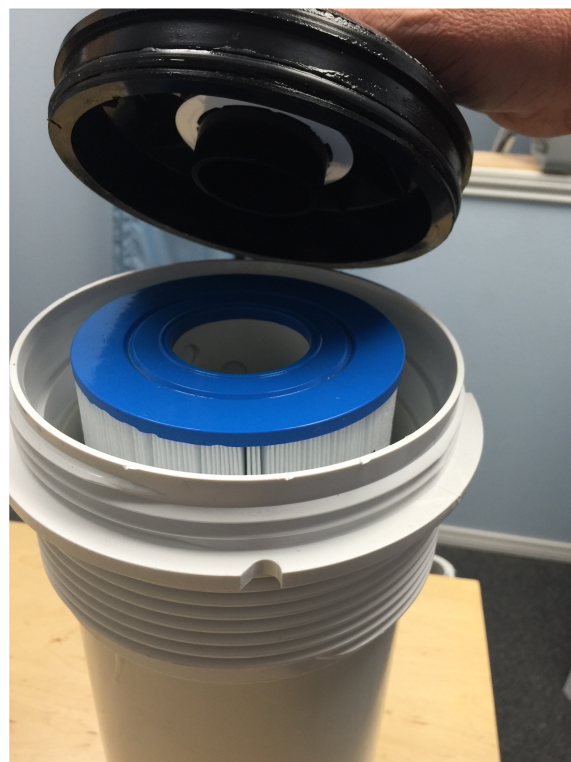


How to Clean the Filter:

Lift up the grey locking tab, unscrew the black locking ring (counter-clockwise), and remove the filter housing lid. Note: it is vacuum-sealed, so it will resist remove. you can use a dull kitchen knife to help "pry" it open. Take care not to damage lid or housing.



Warning: Never Open Lid While Pump is Running or With Gate Valves Opened



REPLACEMENT PARTS

Item	Part Number	Quantity	Description
1	872-9002	2	Corrugated Hose
2	872-0011	4	Hose Clamp
3	417-6041	1	1 1/2" TP Hose Adapter
4	902-2000	1	Teflon Tape
5	672-1010	1	Pump Base
6	672-1051	1	Filter Mount Base
7	--	1	Top Load Filter Housing Assembly
8	830-3000	1	Gauge
9	805-0226	2	O-Ring
10	817-5000	--	Filter Cartridge - 50 sq. ft.
	817-2500	--	Filter Cartridge - 25 sq. ft.
11	417-6061	1	1 1/2" MPT Hose Adapter
12	415-4001	1	1 1/2" Union Nut
13	715-1001	1	Air Relief Plug
14	805-0114	1	O-Ring, Air Relief Plug
15	805-0360	1	O-Ring, Filter Lid

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