

HELPFUL RESOURCES: VIDEO LINKS

Assembly Illustrations CARTRIDGE FILTER YOUTUBE VIDEOS

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Lowering the Pool's Water Level with a Cartridge Filter System

<https://www.youtube.com/watch?v=FneuHenTtsg&t=2s>

Video by integrity pools and spa

How to drain your pool (Cartridge Filter)

<https://www.youtube.com/watch?v=wVsfTd3oBuA&t=1s>

Video by: Pool Builders Inc

How to drain the water from your in-ground pool.

<https://www.youtube.com/watch?v=t4tD1RABm3E>

Video By: Swimming Pool Services

How to Drain Water from Your Swimming Pool (Sand & Cartridge Filter Demonstration)

<https://pinchapenny.com/pool-life/how-to-drain-a-pool>

Video By: Pinch A Penny

SAND FILTER YOUTUBE VIDEOS

How to lower your pool water with the Eco Pool Drain

https://www.youtube.com/watch?v=9sbMwJN_S_s

Video by Upward LLC

How to drain your pool (Sand Filter)

<https://www.youtube.com/watch?v=QXKlyNu6LwY>

Video by: Google User

These companies and video producers have not been contacted by Upward LLC. Their videos do not imply a product endorsement or approval. The authors of this guide believe they may be helpful in providing an overview of the Eco for the assembler.

TERMINOLOGY:

Eco - The Eco Pool Drain Waste Water Fountain may be referred as the Eco in this guide and in the Assembly Instructions\Product Safety\Regulatory Compliance manual.



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Assembly Illustrations

Eco Pool Drain Waste Water Fountain

CONNECTION ILLUSTRATIONS FOR 1 to 2 HP RESIDENTIAL SAND & CARTRIDGE POOL FILTERS

Cartridge Filter Installation May Require Additional Parts



Sand Filter



Cartridge Filter

ECO FRIENDLY

CONSERVES WATER

IT'S THE MISSING PART TO MOST POOLS

US & Internationally Patented

<https://www.ecopooldrain.co>

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Assembly Illustrations

PAGE 1 SAND FILTER CONNECTIONS



This photograph shows the three different connection points found on many sand filters.

The right side port connections are:

PUMP
RETURN

The left side port outlet on this filter is for WASTE. This is the connection point for the hose to your Eco Pool Drain Waste Water Fountain.

Connect one side of your Waste Water (back wash) hose to the WASTE outlet on the filter and the other end to your Eco Pool Drain Waste Water Fountain.

WARNING: To avoid an electrical shock hazard, which can result in serious injury or death, ensure that all electrical power to the system is turned off before approaching, inspecting or troubleshooting any leaking valves or plumbing that may have caused other electrical devices in the surrounding area to get wet.

WARNING: Follow all filter manufacturer's instructions. Never attempt to assemble, disassemble or adjust the filter when there is pressurized air in the system. Starting the pump while there is any pressurized air in the system can cause the filter lid to be blown off, which can cause death, serious personal injury or property damage.

CAUTION: Be sure that all provisions for wastewater disposal meet local, state or national codes.

CARTRIDGE FILTER CONNECTIONS

Your pool filter installer may have installed/included a three way valve as part of your pool's initial plumbing connections. Or, your pool may not have a 3 way valve. We have provided an example of where to place a 3 way valve on the next page. The last page of this guide has several Youtube video links. These videos may be helpful in illustrating where to place your 3 way valve and how to position the valve for disposing of waste water.

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Assembly Illustrations

PAGE 2 CARTRIDGE FILTER CONNECTIONS



Connecting to a 3 way valve

1 Outlet Port (to pool) & 1 Inlet Port (from pool)

This cartridge filter only has two ports. This example will require the addition of a 3 way valve to add an Eco. The 3 way valve will provide 2 outlet ports. One position is to the pool & the second position to the Eco. Your cartridge filter may or may not include a 3-way valve. Three way valves have 3 ports: two ends and one center. By design you can close off part of all of the water flow from either end ports, but you cannot shut off the center port. The handle will only rotate 180° on the side opposite the center port. Connect the Eco hose to one of the two outlet ports. Open the outlet port connected to the Eco hose to discharge waste water. Return the valve position back to the pool port position when done.

RECOMMENDATION: This product should be installed and serviced only by a qualified pool professional.

WARNING: To avoid an electrical shock hazard, which can result in serious injury or death, ensure that all electrical power to the system is turned off before approaching, inspecting or troubleshooting any leaking valves or plumbing that may have caused other electrical devices in the surrounding area to get wet.

WARNING: Follow all filter manufacturer's instructions. Never attempt to assemble, disassemble or adjust the filter when there is pressurized air in the system. Starting the pump while there is any pressurized air in the system can cause the filter lid to be blown off, which can cause death, serious personal injury or property damage.

CAUTION: Be sure that all provisions for wastewater disposal meet local, state or national codes. Cartridge Filters are not subject to backwashing. Do not discharge water where it will cause flooding or damage.

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