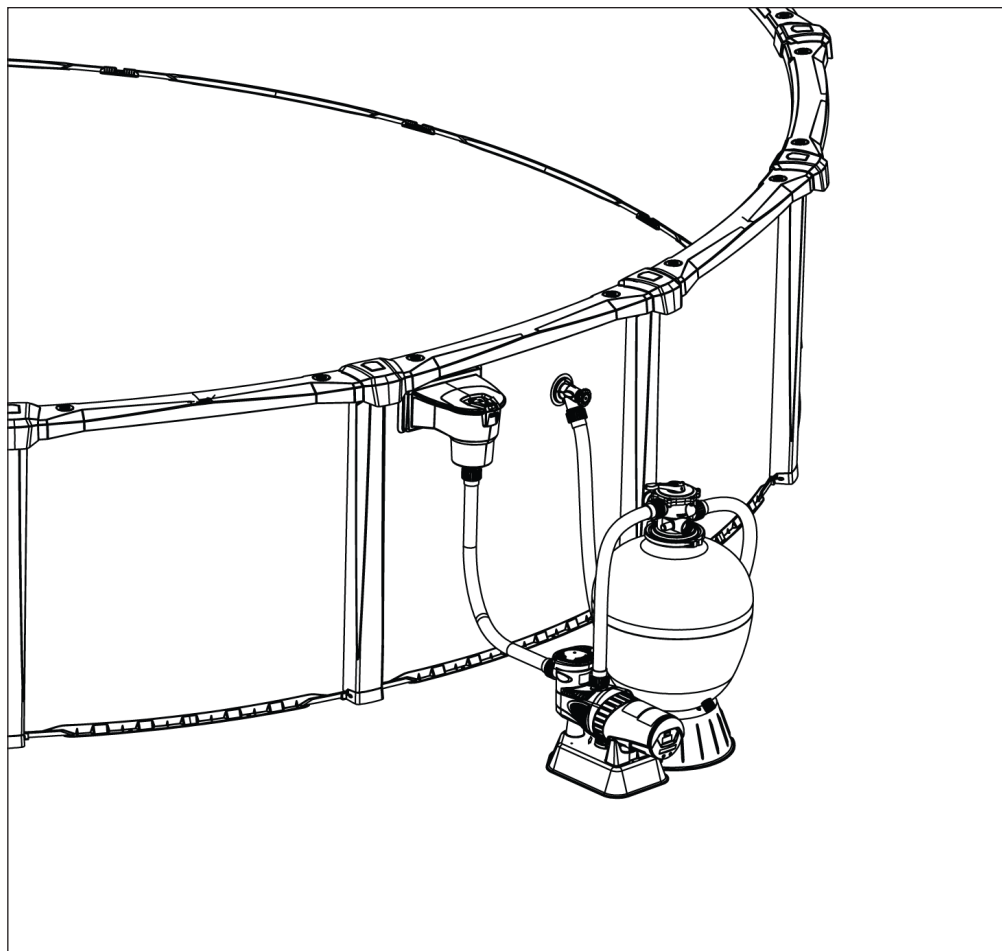


# Above-Ground Pool Plumbing

## Installation Guide



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## Warranty registration

Thank you for choosing GoPool! Register your product today to activate your warranty and get quick, hassle-free support when you need it.



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**WARNING**

This equipment must be installed and serviced according to the information found in this manual. Improper installation can create hazards which could result in property damage, serious injury or death. Improper installation will void the warranty.

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## 01. Install Equipment on a Stable Base

The pump, filter, heat pump, and other equipment must be installed on a flat, solid, and level surface. Avoid installing the equipment directly on unstable ground, grass, or any surface that may settle over time.

## 02. Follow the Direction of Water Flow

Always follow the arrows and the **IN / OUT, PUMP / RETURN, INLET / OUTLET** markings indicated on the equipment.

## 03. Check All Connections

Before starting the system, make sure that :

- the hoses are properly inserted ;
- the union fittings are correctly positioned ;
- the gaskets are present and clean ;
- the hose clamps are properly tightened ;
- the hoses are not bent, crushed, or under tension ;
- no lines are obstructed.

Do not overtighten plastic fittings, as this may cause them to crack.

## 04. Always Prime the Pump

The pump must contain water before starting.

Fill the pump strainer basket with water and make sure the lid and gasket are properly installed.

### **Never operate the pump dry.**

Running the pump without water can quickly damage it.

## 05. Check for Leaks

After starting the pump, inspect all connections.

Pay particular attention to :

- the pump lid;
- the skimmer connections;
- the pump inlet and outlet;
- the filter connections;
- the heat pump connections;
- the salt cell unions;
- the chlorinator;
- the water return.

Correct any leaks before continuing to operate the system.

## 06. Check for Air in the System

A significant amount of air bubbles at the water return may indicate an air leak on the suction side.

Check the following :

- the pool water level;
- the skimmer basket;
- the pump lid and gasket;
- the connections between the skimmer and the pump;
- the hose clamps.



## **07. Always Refer to the Manufacturers' Manuals**

Hose sizes, required flow rates, installation positions, minimum clearances, electrical connections, and start-up procedures may vary depending on the brand and model.

**The manufacturer's instructions for each piece of equipment always take precedence over this general guide.**

### **IMPORTANT**

Before each start-up, always check the following four items:

1. All connections are leak-free.
2. All required valves are open.
3. The pump is filled with water and properly primed.
4. The direction of water flow is correct.

A properly connected system should allow continuous water flow from the skimmer to the pump, then through the filter and any additional equipment, before returning to the pool.

All filtration equipment must be installed on a flat, solid, and stable surface. Before beginning the installation, remove all components from their packaging and keep the pump and filter instruction manuals for reference.

A basic above-ground pool installation generally includes:

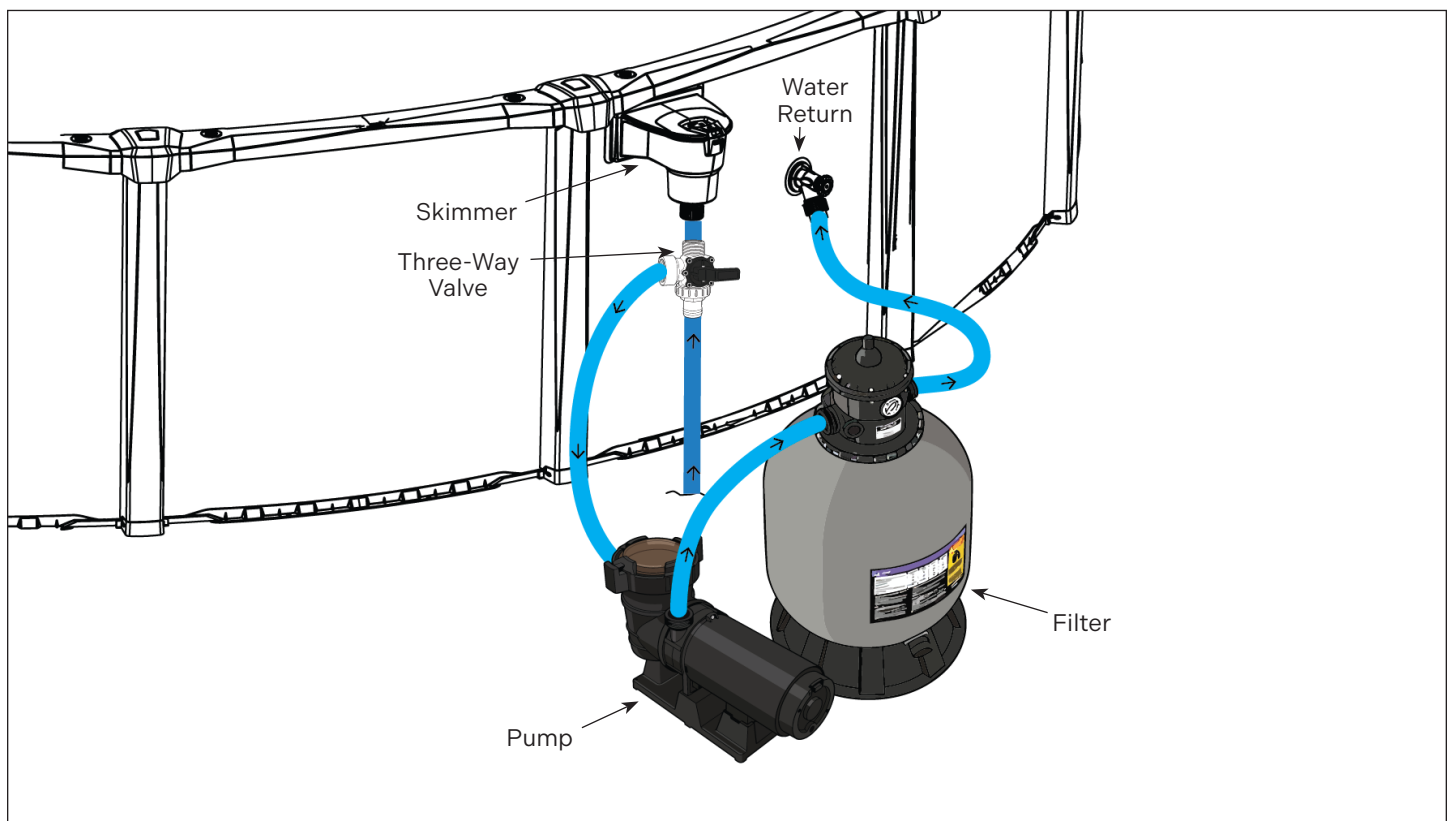


**01.** Place the pump and filter near the pool in a location that is easily accessible for maintenance. The pump must be installed on a stable and level base. Also, make sure the filter is properly positioned and that the hoses can be connected without being bent, crushed, or under excessive tension.

**02.** Connect the hose from the skimmer to the pump's suction inlet. Make sure the hose is properly inserted and that all hose clamps, fittings, and gaskets are correctly installed to prevent leaks and air from entering the system. If the installation includes a valve between the skimmer and the pump, make sure it is open before starting the system.

**03.** Connect the pump outlet to the filter inlet. For a sand filter equipped with a multiport valve, connect the hose from the pump to the port labeled **PUMP**. Always follow the flow direction markings and arrows indicated on the equipment.

**04.** Connect the filter outlet to the hose leading to the pool's water return. For a sand filter, the return line is generally connected to the port labeled **RETURN** on the multiport valve.



# Installation with a Heat Pump



Heat pumps may vary by brand, model, capacity, and connection type. Before proceeding with the installation, always refer to the manufacturer's manual to ensure that the specific requirements for your equipment are followed.

Install the heat pump on a flat, solid, and level surface. The unit must have sufficient clearance around its air intake and exhaust areas to allow proper airflow and efficient operation. Avoid installing the heat pump in an enclosed space or in a location where the cold air discharged by the unit could be immediately drawn back into the system. Always follow the minimum clearance requirements specified in the manufacturer's manual.

For an installation with a heat pump, the water must flow in the following order :

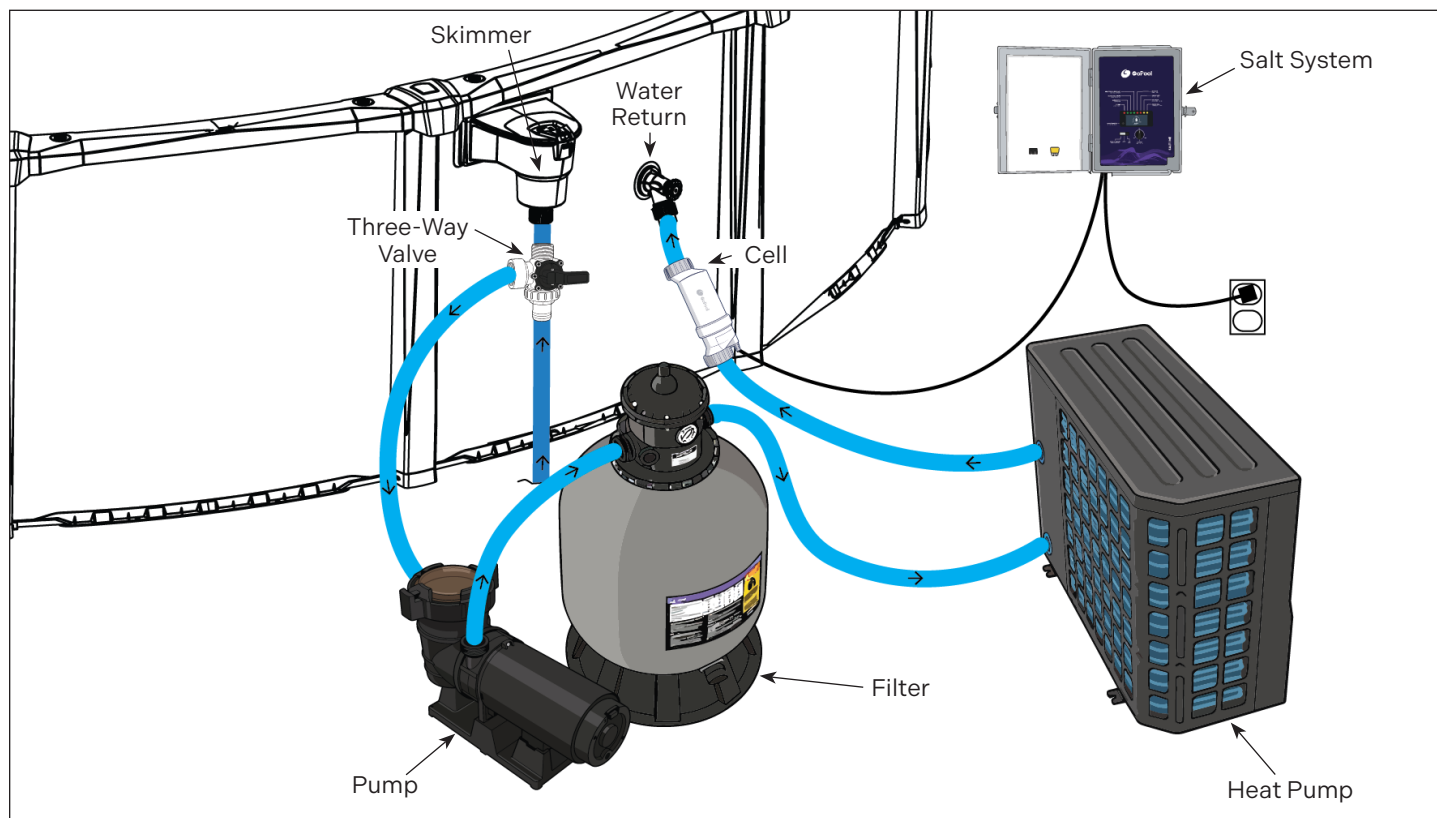


**01.** Connect the hose from the skimmer to the pump's suction inlet. The pump outlet must then be connected to the filter inlet. For a sand filter equipped with a multiport valve, connect the line from the pump to the port labeled **PUMP**. Make sure all connections are properly tightened and that the hoses are not bent or obstructed.

**02.** Connect the filter outlet to the heat pump water inlet. The heat pump must be installed after the filter so that the water is filtered before entering the heat exchanger. Locate the **IN / OUT, INLET / OUTLET** markings or the flow direction arrows on the heat pump to ensure the water flows in the correct direction.

**03.** Connect the heat pump outlet to the line leading to the pool's water return.

If a salt system is also installed, it should generally be positioned after the heat pump and before the pool's water return:



# Installation with a Salt System



Salt systems may vary depending on the brand, model, chlorine production capacity, and connection type. Before proceeding with the installation, always refer to the manufacturer's manual to ensure that the specific requirements for your equipment are followed.

For an installation with a salt system, the water must flow in the following order :

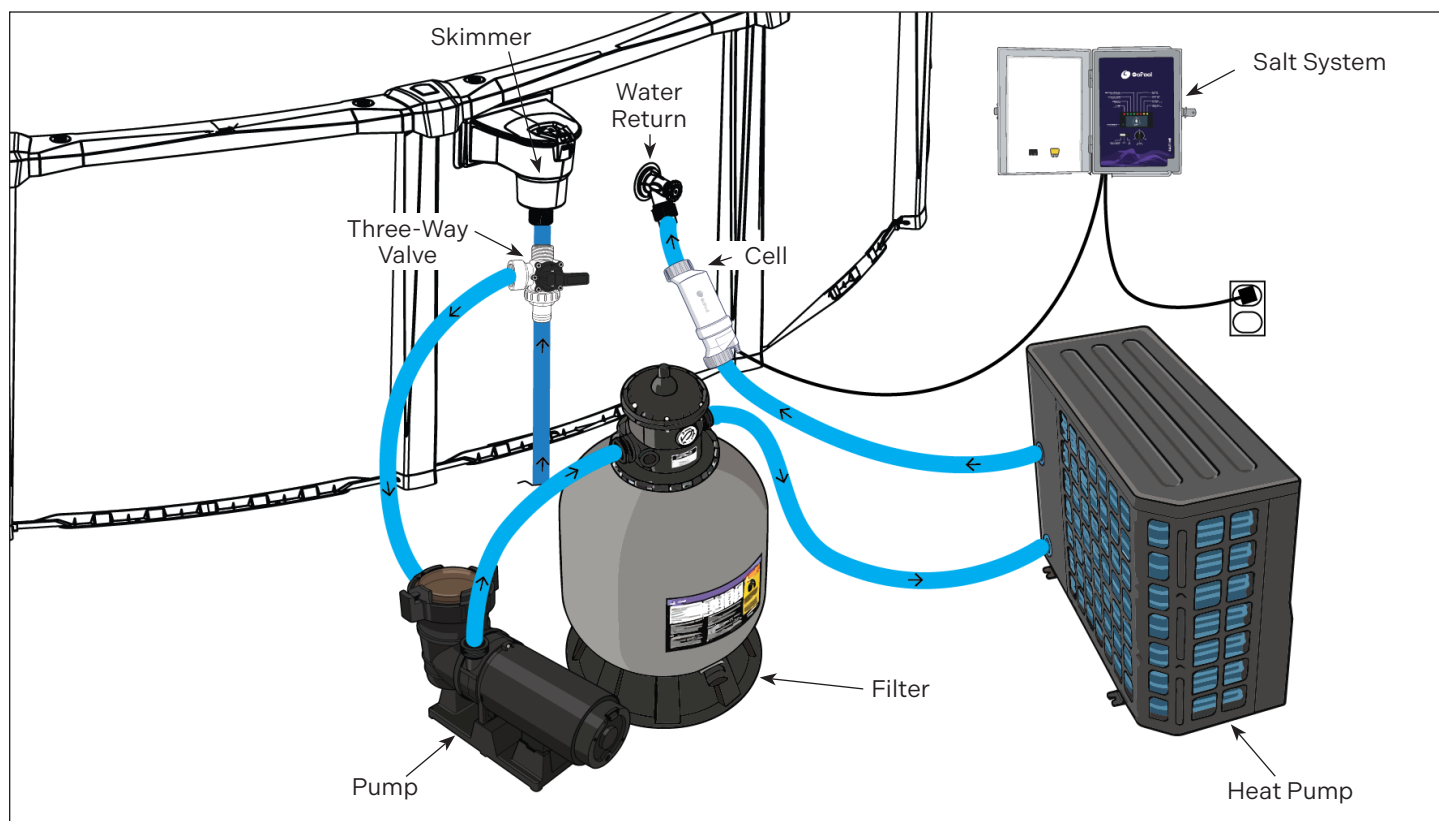


**01.** Connect the hose from the skimmer to the pump's suction inlet. The pump outlet must then be connected to the filter inlet.

**02.** Then, connect the filter outlet to the salt system inlet. The salt system cell should normally be installed on the return line, after the filter and before the pool's water return.

**03.** Make sure to follow the flow arrow or flow direction marking on the cell. The cell must be oriented in the same direction as the water flow, toward the pool's water return.

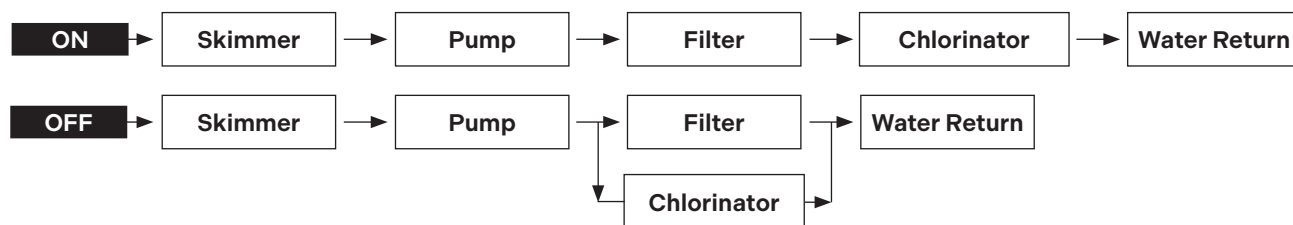
If the pool is equipped with a heat pump, the salt system should generally be installed after the heat pump:



# Installation with a Chlorinator



All filtration equipment must be installed on a flat, solid, and stable surface, near the pool and in accordance with the manufacturers' recommendations. The water must flow in the following order:



**01.** Connect the line from the skimmer directly to the pump's suction inlet. Make sure all fittings and hose clamps are properly tightened to prevent air leaks. The pump should be positioned to allow easy priming and maintenance. The strainer basket must remain easily accessible.

**02.** Then, connect the pump outlet to the filter inlet. For a sand filter equipped with a multiport valve, connect the line from the pump to the port labeled **PUMP**. Always follow the flow direction indicated on the pump and filter.

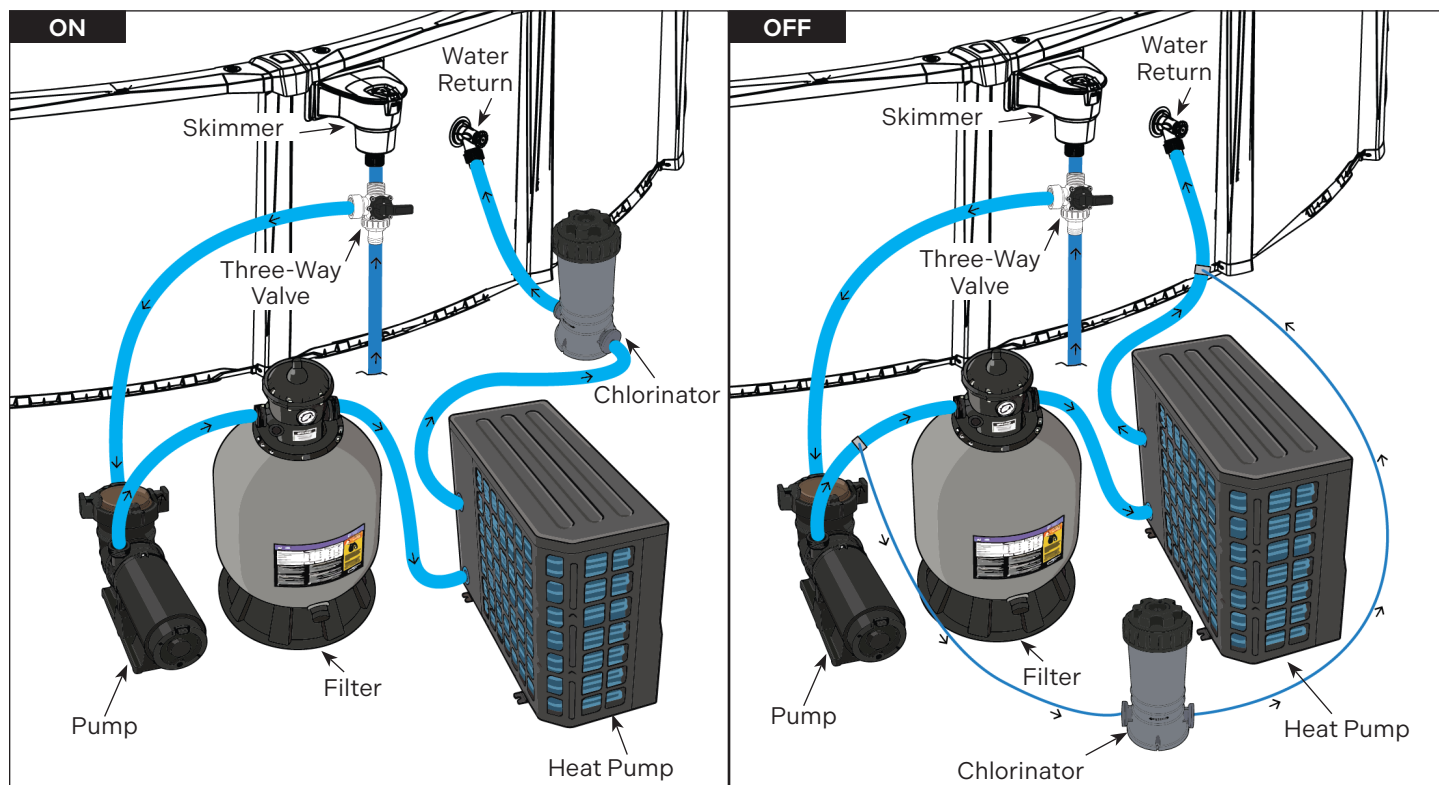
**03.** The filter outlet must be connected to the chlorinator inlet. The chlorinator should normally be installed after the filter and before the pool's water return.

If a heat pump is installed, the recommended order is:



This configuration allows the filtered water to flow through the chlorinator before returning to the pool.

**04.** Connect the chlorinator outlet to the line leading to the pool's water return. Check the flow direction arrows on the chlorinator to ensure that the water is flowing in the correct direction.



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