

EZ Clean Smart

Instruction Manual



Read operating manual and store safely

This instruction manual relates to the product stated above. It contains important information on starting your product for the first time and how to operate it. Carefully read through the instruction manual particularly the safety instructions before using this product. Non-compliance with this instruction manual may lead to major injuries or damage to your product. The instruction manual is based on standards and regulations applicable within the European Union. If the product is being used abroad, please follow any country-specific guidelines and laws. Store the instruction manual in a safe location for later consultation and submission to third parties, where applicable.

Intended use

This product is solely intended for private use and is not suitable for commercial use. Only use the product as described in this instruction manual. Any other use is considered improper use and may lead to personal injury or damage to property. This item is not a toy. The manufacturer or retailer assumes no liability for damage resulting from improper or incorrect use.

Warnings and safety instructions

Read and observe all instructions. Non-compliance with these warnings and instructions may result in damage to property, severe personal injury or even death. These product warnings, instructions and safety regulations are extensive but cannot cover all potential risks and dangers and are thus not to be considered exhaustive. Please be cautious and assess potential dangers appropriately. Incorrect use/ handling of the product can lead to life-threatening situations.

Caution! Leave repairs to experts in order to prevent hazards. Consult a specialist workshop. Liability is waived and warranty claims expire if repairs are carried out independently of if the product is improperly installed or used incorrectly. Only original parts corresponding to the original product specifications may be used during repairs.

WARNING! Hazardous for children and persons with reduced physical, sensory or mental abilities (such as the handicapped, elderly individuals with impaired physical and mental abilities), or those with a lack of experience and knowledge. Children must not be allowed to play with this product. Cleaning may not be performed by children and persons with reduced physical, sensory or mental abilities.

NOTE! Risk of damage! This product may be damaged through improper use.

Danger of electrocution!

1. In all electrical installation should comply with the following standard regulations:
European Directive 2014/35/EU on low voltage equipment, EN 60335-2-41, safety of household and similar electrical appliances, special requirements for pumps.
As well as all applicable regulations that refer to the constructions of electrical installations within specific confines.
"Swimming pools and fountains" or similar, in force in each area or country.
2. Faulty electrical installation or too high mains voltage can lead to electrocution. Only connect the product if the mains voltage on the socket corresponds to the technical specifications. Only connect this product using an easily accessible socket to ensure it can be rapidly disconnected from the mains in the event of a fault. Do not operate the product if it exhibits visible damage or the mains cable/plug is defective. As additional protection, it is recommended to install a residual current device (FI/RCD) with a tripping current of no more than 30mA. Consult with an electrician for advice.
3. Only open the product as described in this manual. This product features electrical and mechanical parts which are indispensable for protecting against potential hazards.
4. Always disconnect the appliance from the power supply before assembling, disassembling or cleaning it.
5. Never touch the plug with wet hands. Never pull out the plug from the socket using the cable - always pull on the plug. Keep the product, plug and all cables away from open fires and hot surfaces. Lay the cable so that it does not pose a tripping risk and do not place it under the ground. Lay cables in such a way that they will not be damaged by lawn mowers and other similar devices. Do not kink the cable and do not lay it over sharp edges. Do not use an extension cable, multiple socket adapters or other adapters.
6. Filtration systems may not run dry (without water)! The water takes the cooling, in case of dry running there is no warranty replacement! Never place the pump or filter in your pool. The filter system must not be operated when the pool is in use. Install this product with a sufficient safety margin from the pool to prevent children from using the system to access the pool. Do not immerse the filter system, power cable or plug in water or in any other liquids. The filter systems which are not marked as freeze-proof shall not be left outside during freezing weather conditions.
Check scope of delivery.

NOTE! Risk of damage! The product may be damaged if you open the packaging with a sharp knife or other sharp objects without due care and attention. Please open the packaging very carefully.

- Remove the product from the packaging.
- Check that all included items have been delivered in full.
- Check whether the item or parts thereof exhibit damage. If there is damage, do not use the product. Get in contact with the service address stated at the end of the manual.

Operation

The filler balls in the filter tank ensure that dirt particles and floating debris are effectively filtered over a long period of time. Dirty water is drawn from the pool via the suction pipe then fed into the filler tank. As the water flows through the filler balls in the filter tank, dirt particles are deposited in the filler balls and thus filtered out of the pool water. The purified water then flows through the return pipe back into the pool.

For the operation of the filter system, you need a skimmer (surface skimmer). Either an integrated skimmer (built into the pool wall) or a suspended skimmer (attachment to the pool wall).

Positioning

The installation area you set between the skimmer and the inlet nozzle so that there is an adequate safety margin to the pool wall. We recommend putting the filter system in addition on base plates (for example: washed concrete slabs etc.). These have to be installed with the spirit level. Under no circumstances you may put your filler system in a trough or directly into the grass (flood danger or risk of overheating of the filter pump).

If you have sunk your pool partially or completely, so it makes sense to place the filler pump in a filter slot, which should connect directly to the pelvis. Is your filter pump housed in a filter slot, so it has to be ensured that the filter slot can't be flooded. For this purpose you should bring in a roller-burnishing (crushed rock) in the range of the filter slot, so that the surrounding- and rainwater can seep away. It would be ideal if there is a direct connection to the drain in the sump of the filler shaft (or sludge pump, with automatic floating switch). It is important to ensure that the filter slot should never be airtight, because this may cause damage, due to condensation water, on the filter pump. The size of the filter shaft should be selected so that work can be performed on the filter system.

Installation

Assemble the filter pump at the location where the pump finally will be.

The filter pump consists of the following parts:

1. 90° connection bracket with o-ring
2. Transparent cover with cap and eliminator pre-assembled
3. Valve big o-ring
4. Clamping ring
5. Filter tank with integrated pump
6. 265g filter balls

Assembly of the filter system (Illustration 1, 2)

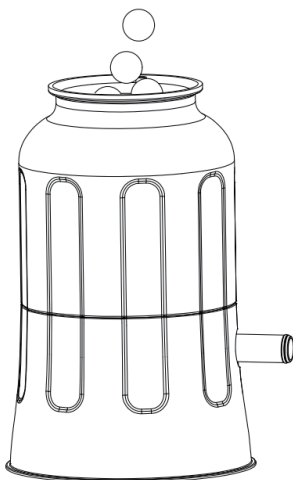


Illustration 1

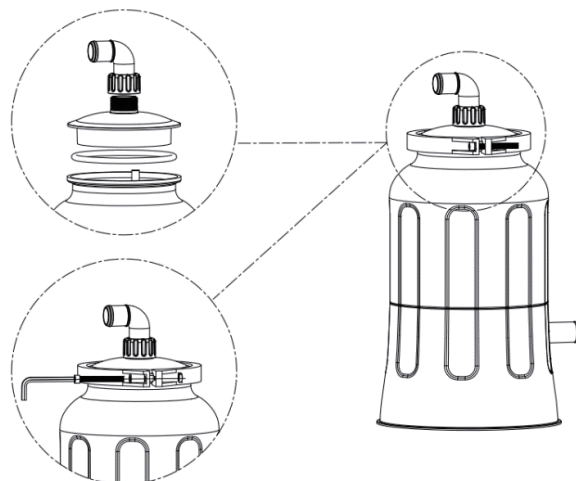


Illustration 2

1. Open the clamping ring and remove the transparent cover from the filter tank.
2. Fill the filter tank with the filter balls which are included in the package (approx. 265g).
3. Now place the seal onto the underside of the transparent cover.
4. Lay the transparent cover once again onto the upper side of the filter tank. It is very important to ensure that all surfaces have been cleaned once again and are free from any dirt before you do this.
5. The transparent cover is connected to the filter tank using the clamping ring. The clamping ring is screwed together with the clamping ring screw and clamping ring screw nut.
6. Fit the connection bracket on the upper side of the transparent cover.

Connect the filter system to the pool (Illustration 3, 4)

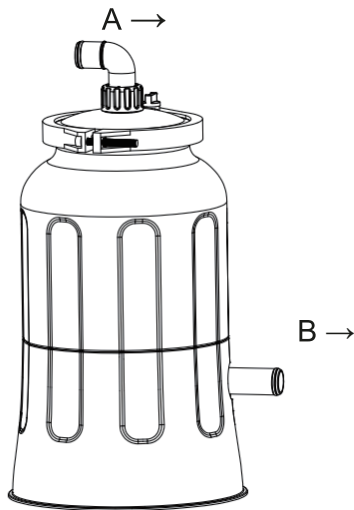


Illustration 3

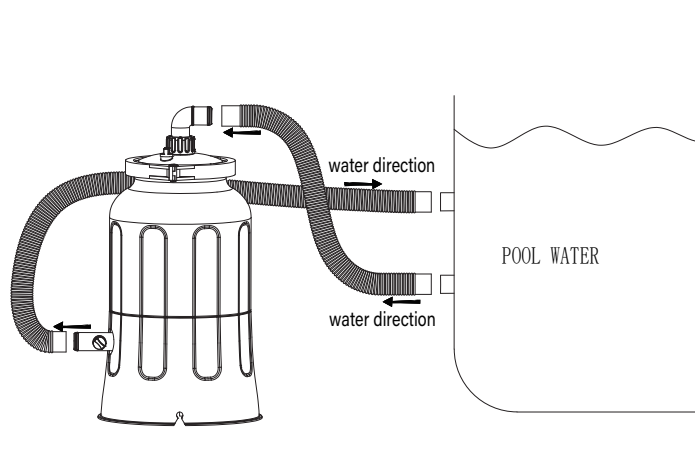


Illustration 4

1. Connect the filter pump with your pool system with soft hoses (not included).
Fasten all connections with hose clips (not included) and ensure that all connections are adequately sealed.
A: Skimmers - connection between the skimmer connection (pool) and the filter pump. The water that is going to be cleaned is drawn in from the pool at this point.
B: Return line - connection between the filter tank and the connection to the inlet nozzle (pool). The filtered water is fed back into the pool at this point.
2. Fill your pool with water. Ensure that the water level is at least 2,5 - 5 cm above the top of the hose intake (Skimmer) and return ports in the pool.
3. Release the shut off valve at the intake port (Skimmer) in the pool. If you plugged the intake port (Skimmer), remove the plug to allow the water to flow into the intake hose.

Ready for use

1. Open the vent screw on the upper side of the transparent cover until the water flows out, then tighten the vent screw.
(Illustration 5)
2. Check the filter system and the connection hoses for leaks and resolve if necessary. Leakage points may possibly arise due to manufacturing tolerances, which need to be resolved by wrapping Teflon tape around the connections before the connection hose is attached.
3. Your filter system is now ready for use. Plug in the power, the filter will start work.

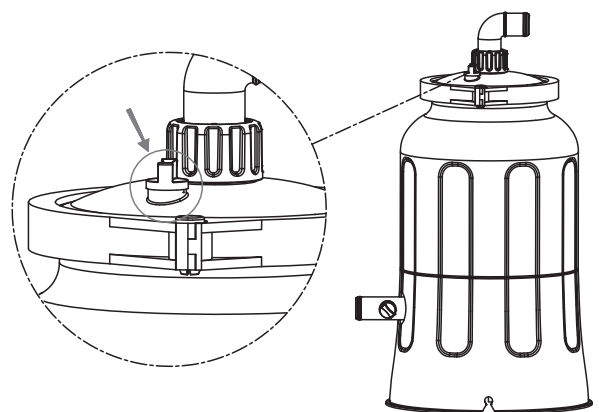


Illustration 5

Cleaning the filter balls

The filter balls in the filter tank ensure that dirt particles and floating debris are effectively filtered over a long period of time. The filter system will reduce its level of performance in accordance with the amount of contamination in the water. This must be checked at regular intervals.

If you establish that performance levels are decreasing, please follow one of these two options:

A: Replace the filter balls.

B: Wash the filter balls in a washing machine at a maximum temperature of 30 °C.

Filtering time

The swimming pool's water should be circulated and filtered at least 3 to 5 times in a 24 hour period, depending on the load and the size of the filter system. The time required is based on the performance of the filter system and the size of the swimming pool. However, we recommend a minimum running time of 12 hours per day.

Power source instructions

The filter system you have purchased is equipped with a connection cable, which may only be connected to a circuit with a residual current circuit breaker (RCCB) with a rated residual current of no more than 30mA.

Technical data:

- ⊙ Filter pump flow rate: 3.8m³/h
- ⊙ Pump is not self-priming
- ⊙ Maximum water temperature 35 °C
- ⊙ 220/230V/40W
- ⊙ Tank volume 10.5L
- ⊙ 32mm standard connection
- ⊙ 265g of filter balls are required
- ⊙ For pools up to 15,000 L capacity

Important Note

Care instructions

Visible contaminants are removed through the filtration system. This is not true for algae, bacteria and other microorganisms, which are also a constant threat to clear, clean and healthy pool water. For their prevention or removal, special water treatment is available, properly and permanently dosed, guarantee for swimmers any kind of harassment and ensure proper hygienic bath water.

Cleaning

Use conventional cleaning products. Do not use solvent-based or abrasive cleaning agents/tools, i.e. no hard sponges, brushes etc.

Storage

Unscrew the drain cap and empty the water in the tank.

(Illustration 6)

The product must be thoroughly dried after cleaning. After which, it is to be stored in a dry location protected from frost.

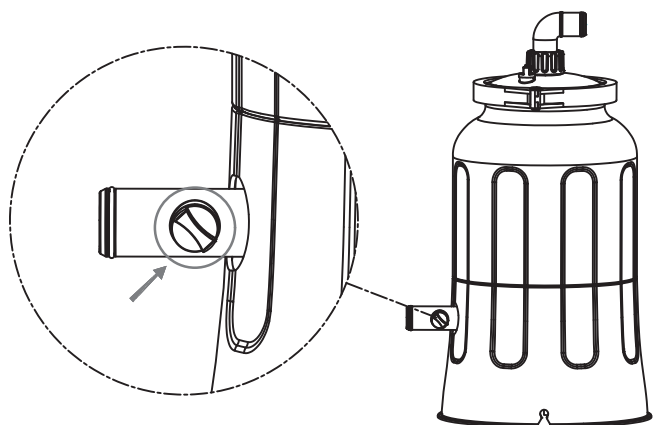


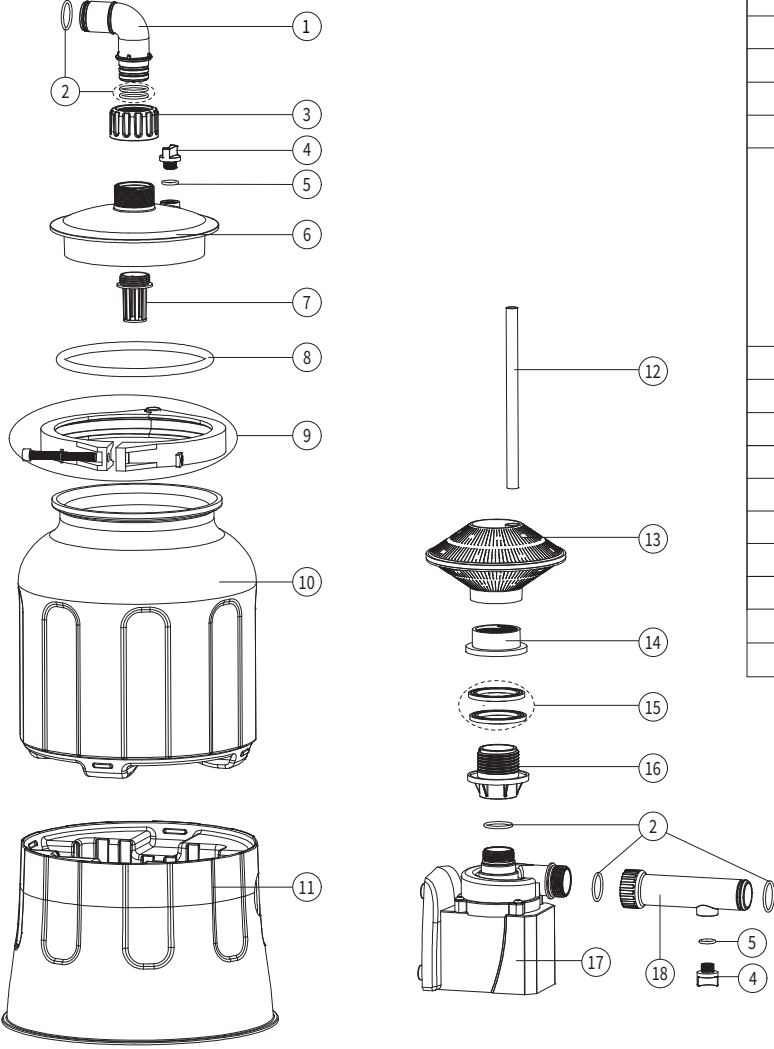
Illustration 6

Disposal

Disposing of packaging: The packaging material has been selected in view of environmental concerns and disposability and is therefore recyclable. The paper and cardboard can be recycled, as can the plastic coverings.

Disposing of the product: Applicable in the European Union and other European states with systems in place for collecting and sorting recyclable materials. Dispose of the product in accordance with any laws and regulations applicable at your place of residence.

BOM List



NO.	NAME	MATERIAL	QTY
1	INITE CONNECTOR	PP	1
2	O-RING	RUBBER	6
3	NUT	PP	1
4	CAP	ABS	2
5	O-RING	RUBBER	2
6	TOP COVER	PC	1
7	ELIMINATOR	ABS	1
8	VALVE BIG O-RING	RUBBER	1
9	SCREW	SUS304	1
	NUTS	BRASS	1
	GASKET	SUS304	1
	CLAMPPIN	PA6	1
	RIGHT CLAMP	PA6	1
	LEFT CLAMP	PA6	1
10	TANK	PE	1
11	FOUNDATION	PE	1
12	EXHAUST PIPE	PVC	1
13	FILTRATION BASKET	ABS	1
14	FILTER BASKET LINK NUT	ABS	1
15	GASKET	RUBBER	2
16	CONNRCUTOR	PP	1
17	PUMP	-	1
18	OUTLET CONNECTOR	PP	1
19	AQUALOON	-	265g

