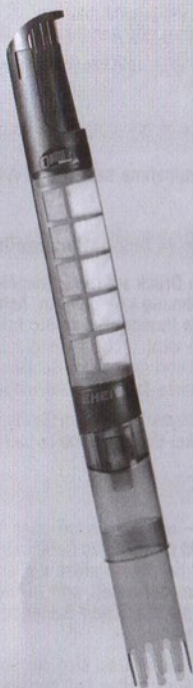


# EHEIM



## 3531

Schlammabsauger	D
Automatic gravel cleaner	GB/USA
Aspirateur	F
Vuilzuiger	NL
Slamsugare	S
Slamsuger	N
Lieteimuri	FIN
Slamsuger	DK
Aspirasedimenti	I
Aspirador	E
Aspirador	P
Απορροφητήρας λάσπης	GR
Kalový odsavač	CZ
Iszapfelszívó	H
Odsysacz mułu	PL
Odsávač kalov	SK
Naprava za odsesavanje blata	SLO
Сифон	RUS
淤泥抽吸器	CHIN

7477528

7313028

7313148

7655378

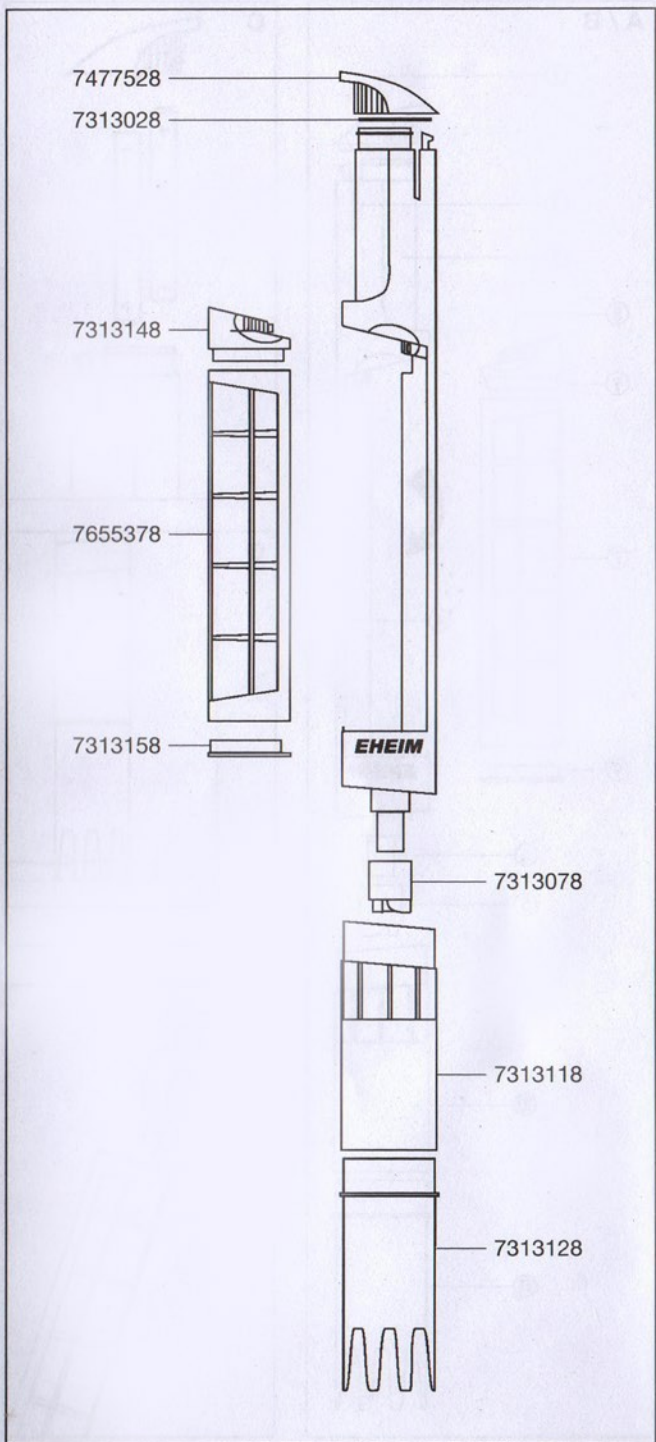
7313158

**EHEIM**

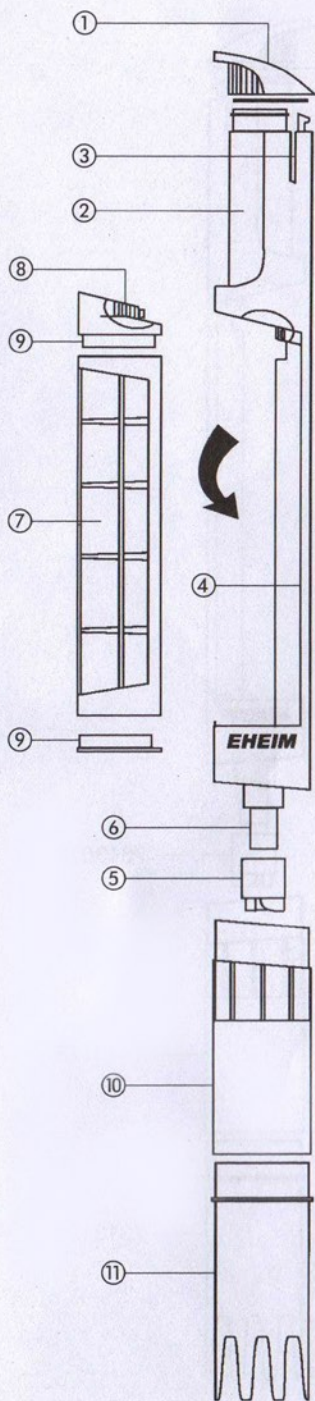
7313078

7313118

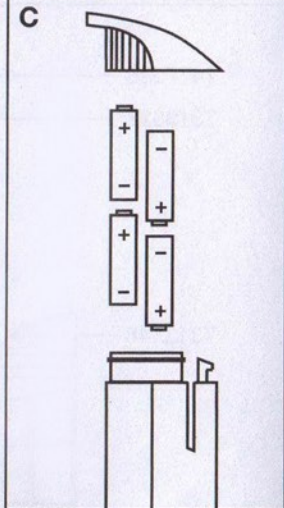
7313128



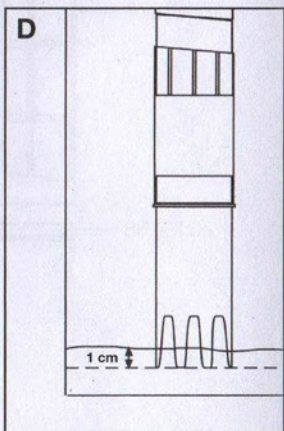
**A / B**



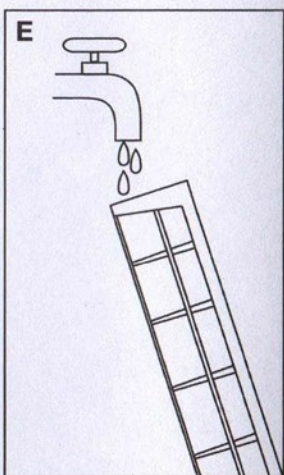
**C**



**D**



**E**





## Function

- A** ① Battery compartment cover with button ② Battery holder ③ Unlocking button ④ Housing ⑤ Impeller ⑥ Impeller holder ⑦ Filter element ⑧ Locating device ⑨ Cover (top and bottom) ⑩ Suction jet ⑪ Extension jet.

The automatic gravel cleaner can be used in fresh water and marine water aquariums.

## Installation

- B** Set the impeller on the impeller holder, and fit the suction jet and the housing together.

## Inserting the batteries (4 x 1.5 V mignons)

- C** Remove the battery compartment cover by applying pressure on the unlocking button. Insert the batteries in accordance with the pole markings +/-. **Please make sure the batteries are fitted correctly. If not, the impeller will run in the reverse direction with very limited power.** Make sure that no moisture gets into the battery compartment and ensure that the sealing ring fits properly when you close it. The unlocking button then has to noticeably click into place.

The alkaline batteries which are supplied with the automatic gravel cleaner last for an operating life of approx. 4 hours and if nickel-cadmium storage batteries are used these last for approx. 2 hours.

## Cleaning the bottom

- D** After the suction jet – and, if required, also the extension jet – have been connected to the pump chamber the cleaner is ready for use. For cleaning the bottom the suction jet is used for loosening the gravel layer to a depth of approx. 1 cm, whereby the sludge is churned up and drawn into the suction stream of the pump. In this way the useful bacteria remain undisturbed in the lower part of the gravel bed.

The waterproof button can be used to conveniently switch the cleaner on and off. When switched off any gravel which has been sucked up falls back to the bottom. Continue to clean an area until the water in the suction jet is clear.

## Cleaning the filter element

- E** Press the two locating buttons on the sides and pull out the filter element. The cleaner itself can remain in the aquarium. Take one or both covers off the filter element and thoroughly clean out the dirt which has collected there by holding it under running water. After cleaning the filter replace the cover. Now put the bottom of the filter element into the cleaner first and then snap home.

After using in marine water thoroughly rinse out the cleaner with tap water.

To clean the unit remove the suction jets and filter elements, pull off the impeller wheel and rinse it thoroughly under running water. **Keep the battery compartment closed!**

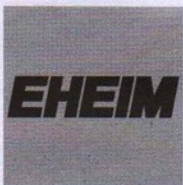
Make sure that the automatic gravel cleaner is only operated under water so that the impeller does not run dry. When stirring up small dirt particles the aquarium water can become slightly cloudy. However, this is quickly removed by the aquarium filter.

**If the batteries are not being used for a long time remove them! EHEIM does not provide any warranty for damages which are caused by leaky batteries or storage batteries! Do not throw exhausted batteries in the household refuse. Hand over the old batteries to your dealer or public collecting points when buying new ones.**

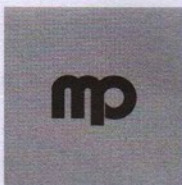
Vervielfältigungen oder Kopien – auch auszugsweise –  
nur mit ausdrücklicher Genehmigung des Herstellers.

Reproduction or copying – even parts thereof –  
only with the express permission of the producer.

Les reproductions, copies et utilisations de nos logos et  
matériels et produits dérivés sont interdits à l'exploitation,  
de toute nature, et sont soumises au préalable, par écrit,  
au consentement et à l'approbation du fabricant.



**EHEIM GmbH & Co. KG**  
Plochinger Str. 54  
D-73779 Deizisau  
Tel. +49 7153/70 02-01  
Fax +49 7153/70 02-174



**Müller + Pflieger  
GmbH & Co. KG**  
Industriegebiet  
Kreuzwiese 13  
D-67806 Rockenhausen  
Tel. +49 6361/9 21 60  
Fax +49 6361/76 44



**Eugen Jäger GmbH**  
Auf dem Berg 31  
D-71543 Wüstenrot-  
Finsterrot  
Tel. +49 7945/633  
Fax +49 7945/13 61

[www.eheim.de](http://www.eheim.de)