

STARTING 启动

Before filling filters with sand or other filtration elements, it is advisable to check the internal collectors to make sure that they have not been damaged during transport or installation. Afterwards, fill the filters with water and make hydraulic test. Thus, you will make sure that there is no leak and that the equipment works properly. Then stop the pumps, open each filter's lid (the filter must not be emptied without opening the lid, as it could collapse) and empty half the water that each filter contains. Then, start filling the filter with sand or other filtration elements, taking into account that first of all you must put gravel up to the collector arms (10 cm approx.) This must be done very carefully in order to avoid any damage in the lower components of the filter. When the filter is being filled with sand, this must be carefully spread over the surface. Once the filter is full with the filtration elements clean the lid and the inner part of the manhole. This will prevent any debris and particles of sand affecting the seal of the joint.

当装沙或其它滤材入沙缸前,你要检查缸内部的集水器,肯定沙缸在运送时没有损坏,然后注入清水,做水力测试,确保设备无漏水及运作正常,然后停止水泵,打 开顶盖,同时放走缸内一半的水,然后开始装沙和其它滤材入沙缸。这时一定要小心,避免造成任何底部沙缸零件的损坏,当沙缸装入沙后,沙面一定要平。要清 洁顶盖和沙缸上孔,防止有沙和杂物影响顶盖密封。



Introduce the lid in the manhole, leaving it leveled and centered. The lid must be supported by the handle, as this will avoid that it could fall into the tank and damage any of its parts. Put the bridge in the position shown and tighten manually the wheel. To achieve a proper seal, you do not have to tighten excessively the wheel, as this could damage the lid. The pressure itself will improve the seal.

When the filter is under pressure, it is normal that wheel and bridge remain separated. You must not tighten the wheel again when the filter is under pressure, because when the pumps stop, the lid could be damaged or blocked.

握住顶盖手柄,放入沙缸上的孔,保持水平居中,避免跌入沙缸,破坏内部的配件。放置铁板在图的位置,用手收紧螺母,但不需要过分收紧螺母,这可能会令顶盖受 损,缸内压力自然会使顶盖密封。

当缸内有压力时,螺母和铁板会正常地分隔开,你不要再次收紧螺母,因为当水泵停止时,顶盖可能会损坏或阻塞。

Once the filter has been completely filled with water, start the performance of installation, venting manually to eliminate all the air that could be inside the filter, as the presence of air the filter performance. After this, the filter has been ready for working process.

当沙缸注满水,试运行时,要排出缸内所有的空气,因为空气的存在会影响过滤功能。排完空气之后,沙缸就可以开始正常工作。

EMPTYING OF FILTER'S SAND 换沙-

To change sand or filtration elements, proceed as follows:

- Remove top lid.
- · Drain filter's water and sand through the lower drainage hole.
- · If there is not enough room, sand can be removed through the manhole.
- To refill the filter with sand, follow the instructions given in starting, checking first of all that the drainage hole has been perfectly fitted and that it does not leak water.

换沙时,依照以下方法:

- 務損価盖。
- · 从底部的排水孔和排沙孔排出沙缸内的水和沙;
- · 如果位置不够沙也可以从顶部的孔拿出来;
- · 当再装沙时,检查排水孔和排沙孔是否漏水和安装好,然后依照前面的说明装沙。

OTHER RECOMMENDATIONS 其它建议

- If the equipment has been stopped during a long period of time, it is advisable to empty the water filter.
- · If the filter is situated outside, it is advisable to paint it with a suitable product every two years.
- In standard filters, ozone water treatments must not be used and pressure and temperature specifications must not be exceeded. Contact our technical department if you have any doubt about the use of our filter.
- 如果设备长时间停止使用,建议把沙缸内的东西排走。
- · 假如过滤沙缸安装在户外,建议每两年在其表面上漆一次。
- 标准设计的过滤沙缸,是不能用于被臭氧处理的水,而且压力和温度不能超出规定要求,如你有任何疑问,请联络我们的技术部门。

- GUARANTEE 优质保证

This filter has been manufactured using the best high technology materials and manufacturing process, going through strict quality tests on materials, finishes and performance.

All those bumps, rips and breakages caused by an inadequate use of the product or by ignoring our recommendations are not included in this augrantee.

These guarantees include only the replacement of defective parts. Further charges, as those works made by third parties, compensations, etc, will not be accepted by the manufacturer.

这个沙缸的制造,是用高品质的物料和制造程序,经过严格的品质测试完成。所有不按说明书要求使用,造成撞击、破裂等损坏的,不在保修范围。



SAND FILTER 过滤沙缸

Models (型号): K1050 / K1200 / K1400 / K1600 / K1800 / K2000 / K2300 / K2500

INTRODUCTION 介绍 -

This manual provides the necessary instructions to install, use and maintain bobbin wounded filters. In order to obtain the benefits that are indicated in the characteristics, all the instructions that appear in this manual must be followed. This will offer a safe and long-lasting installation. The equipment's supplier will provide further information to the user whenever it is needed. 这份说明书提供了玻璃纤维沙缸的安装、使用和维护说明。为使沙缸正常工作,必须遵照说明去做,这样才能确保安全及使用寿命。 当有需要时本产品供应商会向您提供更新的资料。 1) Description.

These filters have been designed to provide water filtration in pools and water parks, also for all water treatments that require the elimination of suspended matter using the proper reduction of filtration element. Apart from the filter itself, filtration and depuration process include some points that must be taken into account as they can influence the correct filter operation. These would be chemical water treatment, pump equipment, pipe segments and general hydraulic design. When public pools are concerned, the current rules in each country should be observed, as the installation must follow them. The filtration quality depends on different parameters as depth of filtration bed, characteristics, quality and grade of filtration media, etc, as well as filtration rate.

2) Filter's Characteristics.

The tank is made of resin of polyester and glass fiber, totally anticorrosive. Inside, it contains collectors and diffusers made of unalterable plastic material (PVC and ABS), proof against salt-water. They are supplied for a working pressure of 2.5 kg/cm² to 4 kg/cm² and maximum tempe- rature of 43°C. Other specifications can be supplied upon request. Filtration rates may be 20, 30, 40 and 50 m³/h/m², depending on the application and the kind of filtration elements that have been selected. Rate 50 is not advisable in public pools. 1) 描述

本沙缸设计用于水池及水上乐园的水过滤循环,也可用于要求适当减少滤材,去除水中悬浮物的所有水处理,撇开沙缸不论,使用中其它一些因素会影响沙缸的正常 操作,这些因素包括化学液体处理,水泵设备,水管和水压设计。

每个地方的公共泳池都有一定的规则,安装时必须依照地方的规则做,过滤的效果依赖于过滤床的深度,滤材的等级和品质以及过滤速度等等。 2) 过滤特性

缸体是采用聚酯树脂和玻璃纤维而成,完全防腐蚀,而内部的集水器和分水器是采用耐用的胶料(PVC和ABS)制成,能对抗盐水的考验。它能承受的压力是 2.5kg/cm²至4.0kg/cm²,最高温度43°C。其它规格按要求提供。过滤速度可以是20,30,40,50m³/h/m²,决定在于你所用的滤材、出入水口管径、水泵扬程和流 量,用于公共泳池建议过滤速度不能超过50 m³/h/m²。

INSTALLATION 安装 -

1) Filter installation

Filters are delivered properly packed and ready in order to facilitate unloading and transport using fork-lift truck, crane, etc. It is very important to make sure that the filters have not suffered bumps during transport.

- To obtain a correct filter installation, the following stages must be observed:
- Install filters in their final location.
- Install correctly the butterfly valves in the filters.
- To connect with the flange of the filter, use PN1.6MPa or Class E 15bar PVC pipe.
- Install butterfly valves supports and regulate them correctly (height, etc.)
- · Connect butterfly valves with the pipe of the pumps, return pipes and drain.
- · Check the inner parts of each filter (collectors, top diffusers).
- Fill the filters with water.
- · Empty half the water and add the filtration element (gravel, sand and/or anthracite), etc.

1) 沙缸安装

出货时沙缸已作适当包装,便于装卸和运输途中用叉车、吊车等搬运,重要的是要确保沙缸在运输途中不能遭受撞击。 依照以下的程序来正确地安装沙缸:

- · 放置沙缸时,一定要决定最后的位置。
- 正确安装蝴蝶阀。
- · 连接缸体法兰处的PVC管为PN1.6MPa或classE 15bar。
- 安装承托阀的设备和调整正确的高度。
- · 放水入沙缸内。

1.1) Filters location.

It is acceptable to place the filters under the water level.

However if vacuum occurs in the installation, suction cups must be installed in the lids to avoid that depression could collapse the filter's tanks. Filters must be situated so that their bases are perfectly level and completely supported by the floor. The location must be of appropriate size to allow maintenance periodic overhauls and other work. Additionally the room must provide a drain to allow, in case of accident, evacuation of water flowing from any tube, filter, pump, etc. this will avoid risk of damages in the electrical installations (pumps, electric panels, etc.)



 连接蝴蝶阀及水泵,回水和排水管道。 · 检查每个沙缸的内部配件集水器、分水器、排气管)。

· 放走一半水,然后加入碎石、沙或无烟煤等。



1.1) 沙缸位置

请设置沙缸在水位线下,沙缸必须放平,和由地面平均地承托,不能倾斜。

位置旁必须有足够空间,允许进行定期的保养、全面的检查和其它工作。另外在机房一定要有排水,当遇上意外时,把水管、沙缸、水泵内的水排走,这会避免漏电 的危险(如水泵、电箱等)。

1.2) Manometers.

The manometer panel had been installed in the filter. In pools filters, the usual pressures when the filter is clean are:

- Inlet pressure: 0.8-1 Kg/cm².
- Outlet pressure: 0.4-0.6 Kg/cm².

When the differential pressure between the two manometers is 1 Kg/cm² or higher, backwash must be carried out.

1.2) 压力表

压力表表板已安装好,当滤材清洁时,在泳池通常压力是:

- 入口压力: 0.8-1kg/cm²
- ・ 出口压力: 0.4-0.6kg/cm²

当两个压力表相差1kg/cm²或以上时,一定要进行倒冲洗。

WORKING PROCESS 工作过程

It has to be done with the pump stopped and valves in position. 每次调节前应关掉水泵,并使蝴蝶阀处于正确位置。



	1	2	3	4	5
FILTER	open	close	open	close	close
正常过滤	打开	关闭	打开	关闭	关闭
BACKWASH	close	open	close	close	open
倒冲洗	关闭	打开	关闭	关闭	打开
RINSE	open	close	close	open	close
底管清洗	打开	关闭	关闭	打开	关闭
WASTE	open	close	close	close	open
无过滤排水	打开	关闭	关闭	关闭	打开
RECIRCULATE	close	open	open	close	close
无过滤循环	关闭	打开	打开	关闭	关闭







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中文描述	数量
Chinese	Qty
单螺杆−连排气阀顶盖	1
NL/K单杆顶盖-不连排气阀	1
K1050-K1200 0-40psi 表板套件	1
K1050-K1200 0-60psi 表板套件	1
K1400-1600 0-40psi 表板套件	1
K1400-1600 0-60psi 表板套件	1
K1800-2000 0-40psi 表板套件	1
K1800-2000 0-60psi 表板套件	1
K1050底管过滤沙缸缸身连底座-2.5bar	1
K1200底管过滤沙缸缸身连底座-2.5bar	1
K1400底管过滤沙缸缸身连底座-2.5bar	1
K1600底管过滤沙缸缸身连底座-2.5bar	1
K1800底管过滤沙缸缸身连底座-2.5bar	1
K2000底管过滤沙缸缸身连底座-2.5bar	1
K1050底管过滤沙缸缸身连底座-4.0bar	1
K1200底管过滤沙缸缸身连底座-4.0bar	1
K1400底管过滤沙缸缸身连底座-4.0bar	1
K1600底管过滤沙缸缸身连底座-4.0bar	1
K1800底管过滤沙缸缸身连底座-4.0bar	1
K2000底管过滤沙缸缸身连底座-4.0bar	1
K1050/NL1200/NL1400/NL1600 1.5"底排沙	1
NL1800/NL2000 2"底排沙	1
底排水(胶内胆与纤维胆用)黑色	1
E1050沙缸底管	18
NL/K1200沙缸底管(套)	1
NL/K400沙缸底管(套)	1
NL/K1600沙缸底管(套)	1
NL/K1800沙缸底管(套)	1
NL/K2000沙缸底管(套)	1

中文描述	数量
Chinese	Qty
单螺杆−连排气阀顶盖	1
NL/K单杆顶盖-不连排气阀	1
K2300-K2500 0-40psi 表板套件	1
K2300-K2500 0-60psi 表板套件	1
K2300底管过滤沙缸缸身连底座-2.5bar	1
K2500底管过滤沙缸缸身连底座-2.5bar	1
K2300底管过滤沙缸缸身连底座-4.0bar	1
K2500底管过滤沙缸缸身连底座-4.0bar	1
2"底排沙	1
底排水(胶内胆与纤维胆用)黑色	1
NL/K1200沙缸底管(套)	1
NL/K1400沙缸底管(套)	1
NL/K1600沙缸底管(套)	1
NL/K1800沙缸底管(套)	1
NL/K2000沙缸底管(套)	1

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K1050-K2000

序号	编码	英文描述	中文描述	数量
Key No.	Part No.	Description	Chinese	Qty
1	E012087	Single Screw shaft Cover - included Valve	单螺杆─连排气阀顶盖	1
1	E012088	Single Screw shaft Cover - Not included Valve	NL/K单杆顶盖-不连排气阀	1
2	E013044	Manometer Set for K1050-K1200 0-40psi	K1050-K1200 0-40psi 表板套件	1
2	E013045	Manometer Set for K1050-K1200 0-60psi	K1050-K1200 0-60psi表板套件	1
2	E013046	Manometer Set for K1400-1600 0-40psi	K1400-1600 0-40psi表板套件	1
2	E013047	Manometer Set for K1400-1600 0-60psi	K1400-1600 0-60psi表板套件	1
2	E013048	Manometer Set for K1800-2000 0-40psi	K1800-2000 0-40psi表板套件	1
2	E013049	Manometer Set for K1800-2000 0-60psi	K1800-2000 0-60psi 表板套件	1
3	108111838	Drain valve 1 inch color gray	活接球阀 linch 灰色	1
4	E012061	0.4mm Nozzle (No screw nuts) (K1050)	K10500.4mm蘑菇头(不含螺母)	47
4	E012061	0.4mm Nozzle (No screw nuts) (K1200)	K12000.4mm蘑菇头(不含螺母)	56
4	E012061	0.4mm Nozzle (No screw nuts) (K1400)	K14000.4mm蘑菇头(不含螺母)	87
4	E012061	0.4mm Nozzle (No screw nuts) (K1600)	K16000.4mm蘑菇头(不含螺母)	95
4	E012061	0.4mmNozzle (No screw nuts) (K1800)	K18000.4mm蘑菇头(不含螺母)	13
4	E012061	0.4mmNozzle (No screw nuts) (K2000)	K2000 0.4mm蘑菇头(不含螺母)	17

K2300-K2500

序号	编码	英文描述	中文描述	数量
Key No.	Part No.	Description	Chinese	Qty
1	E012098	Single Screw shaft Cover - included Valve	单螺杆─连排气阀顶盖	1
1	E014201	Single Screw shaft Cover – Not included Valve	NL/K单杆顶盖─不连排气阀	1
2	E013050	Manometer Set for K2300-K2500 0-40psi	K2300-K2500 0-40psi表板套件	1
2	E013051	Manometer Set for K2300-K2500 0-60psi	K2300-K2500 0-60psi表板套件	1
3	108111838	Drain Valve 1 inch color Gray	活接球阀 linch 灰色	1
4	E012061	0.4mm Nozzle (Not included Screw nut)(K2300)	K23000.4mm蘑菇头(不含螺母)	241
4	E012061	0.4mm Nozzle (Not included Screw nut)(K2500)	K25000.4mm蘑菇头(不含螺母)	302



SAND FILTER 过滤沙缸

Models (型号): K1050 / K1200 / K1400 / K1600 / K1800 / K2000 / K2300 / K2500

INTRODUCTION 介绍 -

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这份说明书提供了玻璃纤维沙缸的安装、使用和维护说明。为使沙缸正常工作,必须遵照说明去做,这样才能确保安全及使用寿命。 当有需要时本产品供应商会向您提供更新的资料。

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These filters have been designed to provide water filtration in pools and water parks, also for all water treatments that require the elimination of suspended matter using the proper reduction of filtration element. Apart from the filter itself, filtration and depuration process include some points that must be taken into account as they can influence the correct filter operation. These would be chemical water treatment, pump equipment, pipe segments and general hydraulic design.

When public pools are concerned, the current rules in each country should be observed, as the installation must follow them.

The filtration quality depends on different parameters as depth of filtration bed, characteristics, quality and grade of filtration media, etc, as well as filtration rate.

2) Filter's Characteristics.

The tank is made of resin of polyester and glass fiber, totally anticorrosive. Inside, it contains collectors and diffusers made of unalterable plastic material (PVC and ABS), proof against salt-water. They are supplied for a working pressure of 2.5 kg/cm² to 4 kg/cm² and maximum tempe- rature of 43°C. Other specifications can be supplied upon request. Filtration rates may be 20, 30, 40 and 50 $m^3/h/m^2$, depending on the application and the kind of filtration elements that have been selected. Rate 50 is not advisable in public pools.

1) 描述

本沙缸设计用于水池及水上乐园的水过滤循环,也可用于要求适当减少滤材,去除水中悬浮物的所有水处理,撇开沙缸不论,使用中其它一些因 素会影响沙缸的正常操作,这些因素包括化学液体处理,水泵设备,水管和水压设计。 每个地方的公共泳池都有一定的规则,安装时必须依照地方的规则做,过滤的效果依赖于过滤床的深度,滤材的等级和品质以及过滤速度等等。

2) 过滤特性

缸体是采用聚酯树脂和玻璃纤维而成,完全防腐蚀,而内部的集水器和分水器是采用耐用的胶料(PVC和ABS)制成,能对抗盐水的考验。它能承 受的压力是2.5kg/cm²至4.0kg/cm²,最高温度43°C。其它规格按要求提供。过滤速度可以是20,30,40,50m³/h/m²,决定在于你所用的滤 材、出入水口管径、水泵扬程和流量,用于公共泳池建议过滤速度不能超过50 m³/h/m²。

WORKING PROCESS 工作过程 -

It has to be done with the pump stopped and valves in position. 每次调节前应关掉水泵,并使蝴蝶阀处于正确位置。





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底管清洗	打开	关闭	关闭	打开	关闭
WASTE	open	close	close	close	open
无过滤排水	打开	关闭	关闭	关闭	打开
RECIRCULATE	close	open	open	close	close
无过滤循环	关闭	打开	打开	关闭	关闭

	Emau
water technology	water tech
	当装沙或其它滤材入沙缸前,你要检查缸内部的集水器,肯定沙缸在运送时没有
	常,然后停止水泵,打开顶盖,同时放走缸内一半的水,然后开始装沙和其它滤材 坏,当沙缸装入沙后,沙面一定要平。要清洁顶盖和沙缸上孔,防止有沙和杂物景
1) Filter installation	HANDLE W
Filters are delivered properly packed and ready in order to facilitate unloading and transport using fork-lift truck, crane, etc. It is	BRIDGE 手柄
very important to make sure that the filters have not suffered bumps during transport.	铁板
To obtain a correct filter installation, the following stages must be observed:	
Install filters in their final location.	
Install correctly the butterfly valves in the filters.	INNER PART OF MANHOL
Install butterfly valves supports and regulate them correctly (height, etc.)	沙缸内部
Connect butterfly valves with the pipe of the pumps, return pipes and drain.	Introduce the lid in the manhole, leaving it leveled and centered. The lid r
Check the inner parts of each filter (collectors, top diffusers).	could fall into the tank and damage any of its parts. Put the bridge in
 Fill the filters with water. Empty half the water and add the filtration element (gravel, sand and/or 	achieve a proper seal, you do not have to tighten excessively the whe
anthracite), etc.	improve the seal.
1) 沙缸安装	When the filter is under pressure, it is normal that wheel and bridge remain
	the filter is under pressure, because when the pumps stop, the lid could be
依照以下的程序来正确地安装沙缸:	握住顶盖手柄,放入沙缸上的孔,保持水平居中,避免跌入沙缸,破坏内部的配件
・放置沙缸时,一定要决定最后的位置。	母,这可能会令顶盖受损,缸内压力自然会使顶盖密封。 当缸内有压力时,螺母和铁板会正常地分隔开,你不要再次收紧螺母,因为当水泵停」
・正确安装蝴蝶阀。	当此的有压力时,喙母和铁伮云正吊地力隔开,你不安冉从收紧喙母,因为当小求序
· 安装承托阀的设备和调整正确的高度。	
· 连接蝴蝶阀及水泵,回水和排水管道。	
· 检查每个沙缸的内部配件集水器、分水器、排气管)。	
・放水入沙缸内。	The
· 放走一半水,然后加入碎石、沙或无烟煤等。	Once the filter has been completely filled with water, start the performance
1.1) Filters location.	that could be inside the filter, as the presence of air the filter performance.
It is acceptable to place the filters under the water level. However if vacuum occurs in the installation, suction cups must be installed in the lids to avoid that depression could collapse the	After this, the filter has been ready for working process. 当沙缸注满水,试运行时,要排出缸内所有的空气,因为空气的存在会影响过滤功
filter's tanks.	이 이 명령 가지 수 이 가지 않는 것이 가지 않는 것이 하는 것이 하는 것이 있다.
Filters must be situated so that their bases are perfectly level and completely supported by the floor.	EMPTYING OF FILTER'S
The location must be of appropriate size to allow maintenance periodic overhauls and other work. Additionally the room must	To change sand or filtration elements, proceed as follows:
provide a drain to allow, in case of accident, evacuation of water flowing from any tube, filter, pump, etc. this will avoid risk of damages in	Remove top lid.
the electrical installations (pumps, electric panels, etc.)	Drain filter's water and sand through the lower drainage hole.
	 If there is not enough room, sand can be removed through the mar To refill the filter with sand, follow the instructions given in starting, c
请设置沙缸在水位线下,沙缸必须放平,和由地面平均地承托,不能倾斜。 位置旁必须有足够空间,允许进行定期的保养、全面的检查和其它工作。另外在机房一定要有排水,当遇上意外时,把水管、沙缸、水泵内的水	perfectly fitted and that it does not leak water.
排走,这会避免漏电的危险(如水泵、电箱等)。	换沙时,依照以下方法:
1.2) Manometers.	
The manometer panel had been installed in the filter. In pools filters, the usual pressures when the filter is clean are:	 ・ 从底部的排水孔和排沙孔排出沙缸内的水和沙; ・ 如果位置不够沙也可以从顶部的孔拿出来;
Inlet pressure: 0.8-1 Kg/cm ² .	• 当再装沙时,检查排水孔和排沙孔是否漏水和安装好,然后依照前面的说明装沙。
Outlet pressure: 0.4-0.6 Kg/cm ² .	
When the differential pressure between the two manometers is 1 Kg/cm ² or higher, backwash must be carried out.	
	 If the equipment has been stopped during a long period of time, it is
压力表表板已安装好,当滤材清洁时,在泳池通常压力是:	If the filter is situated outside, it is advisable to paint it with a suitable
・ 入口压力: 0.8-1kg/cm ²	In standard filters, ozone water treatments must not be used and p
・ 出口压力: 0.4-0.6kg/cm ²	exceeded. Contact our technical department if you have any dou ・ 如果设备长时间停止使用,建议把沙缸内的东西排走。
当两个压力表相差1kg/cm ² 或以上时,一定要进行倒冲洗。	 ・ 假如过滤沙缸安装在户外,建议每两年在其表面上漆一次。
STADING DE	 标准设计的过滤沙缸,是不能用于被臭氧处理的水,而且压力和温度不能超出规
STARTING 启动	
Defere filling filters with sound or other filter elements it is polyisched to check the interval collectors to prote sure that they have	GUARANTEE 优
Before filling filters with sand or other filtration elements, it is advisable to check the internal collectors to make sure that they have not been damaged during transport or installation. Afterwards, fill the filters with water and make hydraulic test. Thus, you will make	This filter has been manufactured using the best high technology m
sure that there is no leak and that the equipment works properly. Then stop the pumps, open each filter's lid (the filter must not be	strict quality tests on materials, finishes and performance.
emptied without opening the lid, as it could collapse) and empty half the water that each filter contains. Then, start filling the filter	All those bumps, rips and breakages caused by an inadequate use of
with sand or other filtration elements, taking into account that first of all you must put gravel up to the collector arms (10 cm	are not included in this guarantee.
approx.) This must be done very carefully in order to avoid any damage in the lower components of the filter. When the filter is	These guarantees include only the replacement of defective parts. Fu
being filled with sand, this must be carefully spread over the surface. Once the filter is full with the filtration elements clean the lid	compensations, etc, will not be accepted by the manufacturer. 这个沙缸的制造,是用高品质的物料和制造程序,经过严格的品质测试完成。所
and the inner part of the manhole. This will prevent any debris and particles of sand affecting the seal of the joint.	[2] 这门沙缸的制垣,定用高面质的初科和制垣柱序,经过广格的面质测试元成。所 范围。
2.4	2.4

F



†没有损坏,然后注入清水,做水力测试,确保设备无漏水及运作正 滤材入沙缸。这时一定要小心,避免造成任何底部沙缸零件的损 杂物影响顶盖密封。



e lid must be supported by the handle, as this will avoid that it e in the position shown and tighten manually the wheel. To wheel, as this could damage the lid. The pressure itself will

emain separated. You must not tighten the wheel again when Id be damaged or blocked.

的配件。放置铁板在图的位置,用手收紧螺母,但不需要过分收紧螺

<泵停止时,顶盖可能会损坏或阻塞。



mance of installation, venting manually to eliminate all the air ance.

过滤功能。排完空气之后,沙缸就可以开始正常工作。

R'S SAND 换沙

manhole. ng, checking first of allthat the drainage hole has been

ATIONS 其它建议 -

ne, it is advisable to empty the water filter.

itable product every two years.

and pressure and temperature specifications must not be y doubt about the use of our filter.

超出规定要求,如你有任何疑问,请联络我们的技术部门。

优质保证

gy materials and manufacturing process, going through

use of the product or by ignoring our recommendations

rts. Further charges, as those works made by third parties,

。所有不按说明书要求使用,造成撞击、破裂等损坏的,不在保修