

IRRIGATION

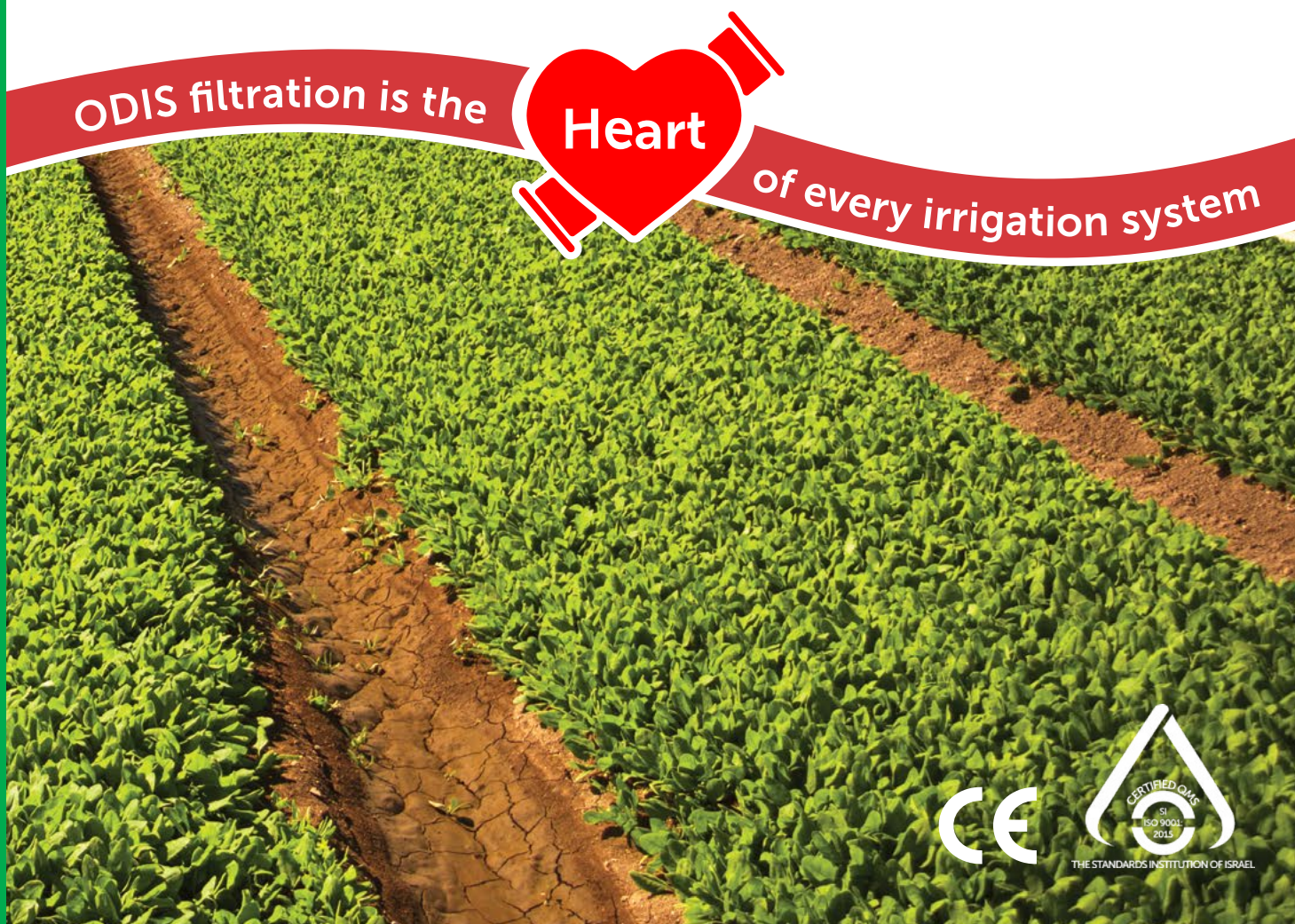
Product Catalog

US Customary Units Edition

ODIS filtration is the

Heart

of every irrigation system



THE STANDARDS INSTITUTION OF ISRAEL



The world's largest filters manufacturer



Since 1978, **ODIS IRRIGATION** develops, designs and manufactures a wide variety of water filters, and advanced water treatment solutions for Irrigation and Agriculture applications.

ODIS Filters are well known for their technology, quality, and efficiency. As a world leader Odis filters can be found in almost any country around the world.

ODIS provide a complete package:

- ◆ Automatic Self Cleaning filters
- ◆ Multi-Media Filters
- ◆ Filtration systems and Arrays
- ◆ Pre-Filters and sand separators
- ◆ Manual filters
- ◆ Manifolds and accessories

ODIS solutions are modular and flexible which makes it easy to adjust to each site specific needs. Our customers enjoy a well-developed global customer service that provides technical support, training and professional seminars.

ODIS products are well known for their long service life thanks to anti-corrosion protection coating, non-corrosive materials and our quality assurance procedures.

Research and Development

Our highly skilled team of engineers develops a broad range of patents and improvements which make our filters more efficient and reliable.

Based on our vast experience, we continuously work on developing new products, improving the existing ones and responding to future challenges.

The ODIS Group

ODIS IRRIGATION Ltd is part of the **ODIS** group of companies dealing with water and wastewater treatment for industrial, municipal and domestic applications.

The experience gathered within these companies enables **ODIS IRRIGATION** to offer better professional solutions.

Quality

ODIS products are designed and manufactured according to strict quality assurance standards including CE, ISO 9001, ISO 14001, NSF, and more.

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MAP OF FILTRATION SOLUTIONS

Use various Odis products to apply modular filtration systems, which provides the best solution for a variety of applications, according to water sources type and impurities characteristics.



ODIS Filters/ Solutions	Series	Sand mainly in wells (According to sand quantities)		Suspended Solids (According to dirt quantities)			Silt (Rivers, Lakes, Channels)	Algae & Organic Matter	Pre filtration or safety /control	Iron and Manganese	Protection of pumps and filtration equipment from stones, sticks, etc.	Waste Water Reuse (Wastewater after secondary treatment)	Fertilizing
		High	Low	High	Medium	Low							
Gravel / Sand filters	4000			◆	◆		◆	◆		◆		◆	
Hydrocyclones	5000	◆	❖				❖						
Odismatic® Electric Screen filters	863		❖	❖	◆	◆		❖				❖	
	862		❖	❖	◆	◆		❖				❖	
Odismatic® Hidraulic Screen filters	851		❖		◆	◆		❖				❖	
	850		❖		◆	◆		❖				❖	
	853		❖		◆	◆		❖				❖	
	852		❖		◆	◆		❖				❖	
Odismatic® Brush filters	841B				◆	◆			❖		❖		
Automatic Self Cleaning Screen filters	8000		❖			❖	❖		❖				
	3000		❖			❖			❖				
Semi-Automatic Screen filters	840					❖			❖				
	842					❖			❖				
Manual Screen Filters	1900					❖			❖				
	1000					❖			❖				
	2000					❖			❖				
	7000					❖		❖	❖				
Preliminary Suction Strainers	181								❖		❖		
	184								❖		❖		
Gravity Screen Filter	188				◆	◆		◆					
Fertigation Pump	653												❖
Fertilizer Tank	6000												❖
Disc Filters	1500					❖			❖				
	1700					❖			❖				
	2500					❖			❖				
	2600					❖			❖				
Plastic Screen/Disc Filters	2100					❖			❖				

❖ recommended
◆ strongly recommended

For selection of filters and solutions that are not included in this table
please contact ODIS

Gravel / Sand Filters

Series 4000/4000A

Most efficient for: filtration of water heavily contaminated with algae, organic matter and other impurities, such as in open reservoirs, rivers, and recycled water systems.

Advantages:

The filter is built of two chambers separated by a steel plate covered by “mushroom” diffusers, which increases the effectiveness of the filtration process. This unique design enables a very effective back-flushing and prevents the occurrence of channeling or caking.

A new design of models 4303A, 4363A, 4484A, 4604A improves the filtration quality and capacity due to larger filtration depth and increased quantity of the gravel media.

Model	Inlet/ Outlet Diameter (inch)	Body Diameter (inch)	Recom. Flow Rate (gpm)	Weight (lbs)	Approx. Gross Volume (cu.ft)
4121	1"	12"	15 - 26	90	5
4162*	2"	16"	26 - 48	110	6.8
4202	2"	20"	40 - 80	165	11
4203	3"	20"	44 - 80	165	14.9
4242A	2"	24"	62 - 123	200	21.3
4243A	3"	24"	62 - 123	200	21.3
4303A	3"	30"	92 - 185	300	24.8
4363A	3"	36"	141 - 273	400	40.8
4484A	4"	48"	273 - 528	680	67.3
4604A	4"	60"	352 - 660	950	84.8
4363U	3"	36"	141 - 273	440	46
4484U	4"	48"	273 - 528	730	85
4604U	4"	60"	352 - 660	1015	173



*Available with 1½" Inlet/Outlet (Model 41615)



Gravel Filter Arrays

ODIS offers a large variety of gravel filters arrays. **ODIS** array is a complete filtration package, comprised of filters, manifolds, valves, controller for automatic backwash, couplings, PE pipes and accessories, supporting legs, etc.

Array Model	Average Flowrate (gpm)
01-4242-1220-P	90
02-4242-01-19903-P	180
03-4242-01-19904-P	260
04-4242-01-19904-L	360
05-4242-01-19904-L	450
07-4242-01-19806-L	630
05-4363A-01-19806-L	900
06-4363A-01-19808-W	1125
08-4363A-01-19808-W	1530
10-4363A-01-19810-W	1890
05-4484A-01-19808-L	1575
06-4484A-01-19810-W	1470
07-4484A-01-19810-W	2250
09-4484A-02-19808-W	2835
10-4484A-02-19808-W	3150
14-4484A-02-19810-W	4500



ODIS can design various array configurations in accordance with the customer's needs.



Modular filtration systems

Combination of **ODIS** products designed to provide a complete solution for an irrigation application. These systems can be installed either on skids or inside ISO containers. These mobile systems are convenient for transportation and installation require minimal on-site assembly.



Combination of Gravel filters and Hydrocyclons



Hydrocyclone Sand Separators



Series 5000

Most efficient for: separation of sand and solid particles from water or liquids, maintaining a small head loss.

Series 5000 Hydrocyclones are mainly used in wells and boreholes water, with large quantities of sand, as a pre-filtration for agricultural applications and erosion protection of pumps, valves, etc.

Series 5000 Hydrocyclones can be complemented with underflow collecting chamber

Advantages:

Specially designed Rubber Insert (Registered Patent) protects the Hydrocyclone cone against erosion and increases the separation efficiency and life cycle of the product.

Model	Inlet/ Outlet Diameter (inch)	Recom. Flow Rate (gpm)	Underflow Chamber (gal)	Weight (lbs)	Approx. Gross Volume (cu.ft)
50307	¾"	8.8 - 15	0.5	18	0.99
50410	1"	15 - 33	0.5	20	0.99
50615	1½"	33 - 53	2.6	42	1.84
50820	2"	48 - 75	2.6	44	2.75
50830	3"	79 - 150	2.6	60	2.75
51243	4"x 3"	154 - 229	16	146	21.1
51640	4"	229 - 361	32	276	38.8
52060	6"	431 - 704	58	379	47.7
52460	6"	616 - 1012	58	452	61.8
53080	8"	1012 - 1584	85	805	96.0



Hydrocyclone Arrays - ODIS offers a large variety of Hydrocyclone arrays, comprised of Hydrocyclones, manifolds, valves, controller for automatic discharge, couplings, pipes, and accessories, supporting legs, etc. or connected with filters for complete filtration package.

Model	Diameter (inch)		Average Flowrate (gpm)
	Inlet	Outlet	
MA58-010020	2"	2"	48.4 - 74.8
MA58-025035	3"	3"	110 - 154
MA58-035050	4"	3"	154 - 220
MA58-050080	4"	4"	220 - 352
MA58-100160	6"	6"	440 - 704
MA58-160250	6"	8"	704 - 1100

Array Model	Average Flowrate (gpm)
01-52060-05-4242-L	440
01-52460-05-4363-L	880
02-52460-06-4484-W	1760

ODIS can design various array configurations in accordance with the customer's needs.



Combination of Hydrocyclons and series 8000 filter

OdisMatic® Electric Filter

Automatic self-cleaning screen filter designed for irrigation, industrial and recycling applications. The cleaning is performed by S.A suction nozzles mounted on a collector that is electrically rotated and driven up and down using a unique reversing unit (patented).

Most efficient for: extremely heavy dirt load and difficult working conditions

OdisMatic Electric filters can be ordered with various filtration grads according to the application

Advantages:

- ◆ Efficient filtration due to Reversing Unit. (patented)
- ◆ Greater suction ability due to the S.A suction nozzles (patented).
- ◆ Significantly decreased water consumption during flushing.
- ◆ High screening efficiency due to stainless steel sintered filter element.
- ◆ Filtered water supply is not interrupted during flushing
- ◆ Continuous linear movement of the self-cleaning unit.
- ◆ Heavy-duty, trouble-free operation.
- ◆ Low power consumption.
- ◆ User-friendly and reliable control system.
- ◆ Electrical board with PLC Programmer.



Series 863A

Model	Inlet/ Outlet Diameter (inch)	Max. Flow Rate (gpm)	Flushing Flow Rate (gpm)	Screen Area (sq.inch)	Weight (lbs)
863A02	2"	110	35	387.5	386
863A03	3"	170	35	387.5	393
863A04	4"	350	44	620	468
863A06	6"	660	44	620	474
863A08	8"	1300	53	930	688
863A10	10"	1750	53	930	701
863A12	12"	2050	62	1240	772
863A14	14"	2400	62	1240	829



Series 862A

For high flow rates

Model	Inlet/ Outlet Diameter (inch)	Max. Flow Rate (gpm)	Flushing Flow Rate (gpm)	Screen Area (sq.inch)	Weight (lbs)
862A12	12"	2630	75	1557	996
862A14	14"	3520	75	1557	1025
862A16	16"	4400	75	1557	1058
862A18	18"	5725	20	2503	1433
862A20	20"	7050	20	2503	1497



OdisMatic® Hydraulic Filter

Compact automatic screen filter, a perfect solution for use without power supply in irrigation, industrial and recycling applications.

The self-cleaning is performed by the hydraulically operated suction mechanism.

Advantages:

- ◆ Efficient fully automatic self-cleaning unit.
- ◆ Small quantities of water to flush the screen.
- ◆ Filtered water supply is not interrupted during flushing.
- ◆ User-friendly and reliable control system
- ◆ Low maintenance cost.
- ◆ High screen area Filtration element.
- ◆ DC/AC flush controller.

Series 851/851D

Ultra-Compact design allows installation in limited space.

Model	Inlet/ Outlet Diameter (inch)	Max. Flow Rate (gpm)	Flushing Flow Rate (gpm)	Screen Area (sq.inch)	Weight (lbs)
85107	¾"	18	9 - 13	42	24
85101	1"	31	9 - 13	42	24
851D15	1½"	66	17 - 22	132	55
851D02	2"	110	17 - 22	132	60
851D03	3"	170	17 - 22	225	90
851D04	4"	350	17 - 22	225	92
851D04L	4"	350	35 - 44	366	106
851D06	6"	660	35 - 44	698	143
851D08	8"	1300	53 - 62	961	172
851D08L	8"	1300	66 - 75	1240	190
851D10	10"	1760	66 - 75	1240	203



Series 850

Model	Inlet/ Outlet Diameter (inch)	Max. Flow Rate (gpm)	Flushing Flow Rate (gpm)	Screen Area (sq.inch)	Weight (lbs)
85002-IE/PE	2"	110	80 - 105	90	126
85003-IS/PS	3"	175	80 - 105	90	152
85003-IE/PE	3"	175	80 - 105	335	240
85004-IS/PS	4"	350	123 - 150	170	174
85004-IE/PE	4"	350	119 - 159	670	278
85006-IE/PE	6"	660	119 - 159	670	313
85008-IS/PS	8"	1315	119 - 159	670	408
85008-PE	8"	1315	159 - 211	1015	420
85010-IS/PS	10"	1750	119 - 159	890	585
85012-IS/PS	12"	2630	159 - 211	1325	650
85014-IS/PS	14"	3960	159 - 211	1500	695
85016F-PS	16"	4820	159 - 211	1500	770



Odis introduces a new revolutionary perception in the field of the self-cleaning hydraulic filters that is reflected in **Series 852A** and **Series 853A**.

Advantages:

- ◆ Efficient filtration due to Reversing Unit. (patented)
- ◆ High screening efficiency due to stainless steel sintered filter element.
- ◆ Filtered water supply is not interrupted during flushing
- ◆ Continuous linear movement of the self-cleaning unit.
- ◆ Heavy-duty trouble-free operation.
- ◆ Reduced water consumption during flushing.
- ◆ User-friendly and reliable control system.
- ◆ DC/AC flush controller.



Series 852A

Especially effective for high flow rates and high load of dirt.

Model	Inlet/ Outlet Diameter (inch)	Max. Flow Rate (gpm)	Flushing Flow Rate (gpm)	Screen Area (sq.inch)	Weight (lbs)
852A12	12"	2640	150	1558	948
852A14	14"	3520	150	1558	992
852A16	16"	4400	150	1558	1025
852A18	18"	5720	150	2500	1400
852A20	20"	7040	150	2500	1466



Series 853A

Model	Inlet/ Outlet Diameter (inch)	Max. Flow Rate (gpm)	Flushing Flow Rate (gpm)	Screen Area (sq.inch)	Weight (lbs)
853A02	2"	110	48	388	350
853A03	3"	170	48	388	357
853A04	4"	350	70	620	430
853A06	6"	660	70	620	440
853A08	8"	1300	97	930	650
853A10	10"	1750	97	930	661
853A12	12"	2050	123	1240	738
853A14	14"	2400	123	1240	794



OdisMatic® Brush Filter

Series 841B

Most efficient for: extremely high loads applications, wastewater, organic matter, special filtration applications, Anti-frost, industrial and recycling applications. The self-cleaning is performed by electrically operated self-adjusting brushes mechanism.

- ◆ Low operating pressure.
- ◆ Reliable, Improved cleaning efficiency of the screen due to the self-adjusting brushes unit.
- ◆ Filtered water supply is not interrupted during flushing
- ◆ Heavy-duty trouble-free operation.
- ◆ Low power consumption.
- ◆ Significantly decreased water consumption during flushing.
- ◆ User-friendly and reliable control system.

Model	Inlet/ Outlet Diameter (inch)	Max. Flow Rate (gpm)	Screen Area (sq.inch)	Weight (lbs)
841B04	4"	350	540	273
841B06	6"	705	775	344
841B08	8"	1320	930	380
841B10	10"	2200	1160	586
841B12	12"	2860	1610	617
841B14	14"	4400	1610	661

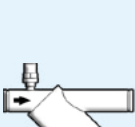
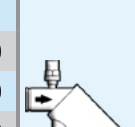


Automatic Self Cleaning Screen Filters



Series 8000

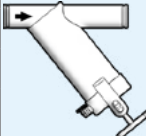
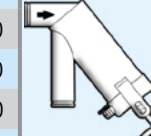
Circulating self-cleaning automatic screen filters, designed for trouble-free operation without moving elements, and can be applied to water containing sand and organic matter. The filter's special design includes an acceleration plate with 4 directional holes and a flushing controller to flush the residues accumulated in the collecting chamber.

Model				Inlet/ Outlet Diameter	Recom. Flow Rate	Weight	Approx. Gross Volume
Standard models		Horizontal inlet vertical outlet		(inch)	(gpm)	(lbs)	(cu.ft)
	8015		8915	1 1/2"	30 - 55	36	2.78
	8020		8920	2"	55 - 110	38	2.78
	8030		8930	3"	110 - 200	64	3.9
	8040		8940	4"	180 - 330	78	5.1
	8060		8960	6"	355 - 660	123	10
	8080		8980	8"	760 - 1310	287	39
	8010		8910	10"	1270 - 2190	387	57



Series 3000

Circulating self-cleaning filters prevents the formation of impurities on the stainless-steel screen by water circulation, while maintaining a constant flow of filtered water with no increase of head loss. The filter's special design includes an acceleration plate with 6 directional holes. Intended for filtering water containing sand and organic residues.

Model				Inlet/ Outlet Diameter	Recom. Flow Rate	Weight	Approx. Gross Volume
Standard models		Horizontal inlet vertical outlet		(inch)	(gpm)	(lbs)	(cu.ft)
	3015		3915	1½"	15 - 49	33	1.8
	3020		3920	2"	49 - 136	37	1.8
	3030		3930	3"	53 - 146	49	2.8
	3040		3940	4"	88 - 290	93	5.1
	3060		3960	6"	195 - 680	212	19.4



Semi-Automatic Screen Filters

The filters **Series 840** and **842** are equipped with a manually-operated cleaning unit for efficient cleaning of the entire screen area which prevents the need to remove the filter's screen for cleaning.

Advantages:

- ◆ Perfect solution for use without power supply.
- ◆ Filtered water supply is not interrupted during flushing.
- ◆ Economical, simple and easy to operate and service.
- ◆ The compact filters allow installation in limited spaces.
- ◆ Mechanical differential pressure indicator for indicating screen clogging.

Series 840/840B

Semi-Atomic brush filter

Most efficient for: pivot irrigatio, anti-frost protection application.

The filter is equipped with a manually-operated self-adjusting brushes cleaning unit. It enables efficient cleaning of the entire screen area.

The Compact inline models allow installation in limited spaces.

Model	Inlet/ Outlet Diameter	Max. Flow Rate	Screen Area	Weight
	(inch)	(gpm)	(sq.inch)	(lbs)
84015-I	1 1/2"	66	235	31
84002-I	2"	110	235	38
84003-I	3"	220	235	44
84004-I	4"	350	340	75
840B04	4"	350	540	210
840B06	6"	705	775	251
840B08	8"	1320	930	282



Series 842

Suction screen filter

Most efficient for: irrigation application.

Semi-automatic filters, equipped with manual operated suction' cleaning unit for efficient cleaning of the entire screen area.

The compact filters 1 1/2", 2," 3" and 4" are available in two configurations:

- ◆ T model - Vertical inlet and horizontal outlet.
- ◆ I model - Horizontal inlet and outlet - inline filter.

Model	Inlet/ Outlet Diameter	Max. Flow Rate	Screen Area	Weight
	(inch)	(gpm)	(sq.inch)	(lbs)
84215-I/T	1 1/2"	66	155	33
84202-I/T	2"	110	155	35
84203-I/T	3"	220	155	37
84204-I/T	4"	350	335	62
84204	4"	350	390	190
84206	6"	660	775	234
84208	8"	1100	775	236



Manual Screen Filters

Series 1900



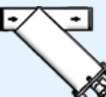
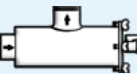
Control screen filter

ODIS series 1900 filters are designed for the following uses:

- ◆ Control filter for media filter arrays.
- ◆ Control filter for sand separators.
- ◆ Back up filter in the field.

Feature one extra strong 40 mesh (400 micron) stainless steel screen.



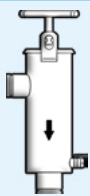
Model				Inlet/ Outlet Diameter (inch)	Recom. Flow Rate (gpm)	Weight (lbs)
	19003		19903	3"	up to 260	57
	19004		19904	4"	up to 450	59
	19706		19806	6"	up to 1100	117
	19708		19808	8"	up to 1600	185
	19710		19810	10"	up to 2200	238
	19712		19812	12"	up to 2800	284

Series 1000

The filters are suitable for the control of small quantities of water impurities. These filters feature double filtration stage, two stainless-steel screens for double protection.

Series 1000 has a horizontal inlet and a bottom vertical outlet.

These filters are applicable to agriculture, industry, construction sites, and domestic use.

Model		Inlet/ Outlet Diameter (inch)	Recom. Flow Rate (gpm)	Weight (lbs)	Approx. Gross Volume (cu.ft)
	1115*	11/2"	up to 65	13	0.39
	1220	2"	up to 100	29	1
	1320	2"	up to 130	35	1.66
	1430	3"	up to 170	37	1.66
	1441	4"	up to 352	71	4.23

* With one screen only

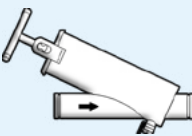


Series 2000

The filters are suitable for the control of small quantities of water impurities. These filters feature double filtration stage, two stainless-steel screens for double protection.

Series 2000 has a horizontal inlet and outlet.

These filters are applicable to agriculture, industry, construction sites and domestic use.


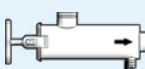
Model		Inlet/ Outlet Diameter (inch)	Recom. Flow Rate (gpm)	Weight (lbs)	Approx. Gross Volume (cu.ft)
	2010	1"	up to 31	12	1
	2015	1 1/2"	up to 65	15	1
	2020	2"	up to 130	33	1.84
	2030	3"	up to 180	60	2.78
	2040	4"	up to 350	92	5.1
	2260	6"	up to 800	159	10
	2280	8"	up to 1320	200	12.35



Series 7000

ODIS series 7000 screen filters are intended for back flushing. These filters are used mainly as secondary filters, following gravel filters. In such applications, both filters are flushed together, eliminating the need for separate valves. They also feature one reinforced stainless- steel screen.

ODIS presently offers two types of **series 7000** screen filters; with horizontal inlet and outlet and with a vertical inlet and a horizontal outlet

Model		Inlet/ Outlet Diameter (inch)	Recom. Flow Rate (gpm)	Weight (lbs)	Approx. Gross Volume (cu.ft)
	7020	2"	up to 155	31	1.84
	7030	3"	up to 265	44	2.78
	7040	4"	up to 460	88	5.1
	7930	3"	up to 265	38	1.66
	7940	4"	up to 460	71	2.26



Preliminary Suction Strainers

Series 181

Self-cleaning suction strainer

The self-cleaning suction strainer is designed to protect the pump from clogging by debris, trash, and solid dirt. It is connected to the pump inlet and submerged in the water source (river, lake, reservoir, etc.).

When using a non-self-priming pump, it is recommended to use **ODIS's** foot valve **series 189** to ensure that the pump supply line will always remain full of water. The foot valves are supplied in the same sizes and the same flow rates as **series 181**. The screen is kept clean during pump operation by continuously rotating jets (Water Jet System) using pump pressure through the Water Jet System supply line.

Model	Outlet Diameter (inch)	Max Flow Rate (gpm)		Weight (lbs)	Approx. Gross Volume (cu.ft)
		1200 Micron	2500 Micron		
18104	4"	350	440	53	7.41
18106	6"	790	1000	77	10.95
18108	8"	1300	1700	88	12.71
18110	10"	1850	2400	126	18
18112	12"	2650	3300	137	20.13
18114	14"	3500	4400	156	42.73
18116	16"	4400	5300	178	42.73



Series 184

Pre-Filtration strainer

The Pre-filtration strainer is designed to protect pumps, valves, filters etc., by preventing the passage of coarse solids to the water system. This product features a stainless steel perforated screen. Available in several perforations from 3mm up to 8mm.

ODIS Pre-filtration strainer is recommended for main water lines or municipal water system supply, to protect them also during pipeline maintenance work.

Model	Inlet/ Outlet Diameter (inch)	Max. Flow Rate (gpm)	Weight (lbs)	Approx. Gross Volume (cu.ft)
18402	2"	90	80	2.2
18403	3"	175	90	2.2
18404	4"	285	100	2.2
18406	6"	660	145	3.2
18408	8"	1145	210	5.3
18410	10"	1760	265	7.1
18412	12"	2555	375	10.6
18414	14"	3080	485	12.4
18416	16"	3875	605	15.9
18418	18"	5065	770	19.1
18420	20"	6385	1270	31.8
18424	24"	8805	1480	42.4



Gravity Screen Filter

Series 188 US patent application 11/774,706

Self-Cleaning Gravity Screen Filter especially designed for low-pressure drip irrigation. The filtering process is based on gravity flow through a stainless steel screen. The filter is designed to continuously remove dirt from the screen during the filtration process using rotating cleaning jets assembly, without interrupting the filtered water supply.

Model	Inlet/ Outlet Diameter		Body Diameter		Max. Flow Rate	Weight
	(inch)	(mm)	(inch)	(mm)	(gpm)	(lbs)
18848	6"	150	48"	1200	440	930
18860	8"	200	60"	1500	750	1036



Fertilizing Equipment

Series 6000

Fertilizer tank

ODIS fertilizer tanks have been designed specifically for fertigation in agriculture. This system is simple, efficient and trouble-free. The fertilizer tanks are applying fertilizers on the quantitative principle. The fertilizers are applied continuously during irrigation, either manually or controlled by an irrigation controller.

Model	Capacity (gal)	Weight (lbs)	Approx. Gross Volume (cu.ft)
6005*	1.3	18	0.71
6010*	2.6	20	1.41
6015	4	40	1.77
6030	8	53	3.53
6060	16	68	4.60
6090	24	84	7.10
6120	32	97	8.85
6121*	32	99	9.90
6222	58	123	16.60
6221*	58	130	15.55
6301*	79	165	18.70
6501*	132	287	40.60

*Horizontal models



Series 653 US patent application 11/367083

Fertigation pump

The pump is designed for the efficient applying of chemicals and fertilizers in irrigation systems. It is powered by the irrigation system water pressure. Fertigation pump capacity range of 12 to 120 liter/h. The pump can be used with all fertilizers and chemicals in agricultural applications.



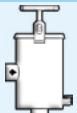
Disc Filters

ODIS disc filters feature specially grooved plastic discs stacked together to form the filtering element with a large effective filtering area.

ODIS offers 4 series of filters:

Series 1500

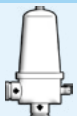
With a coated carbon steel body. With horizontal inlet and vertical outlet.

Model	Inlet/ Outlet Diameter (inch)	Recom. Flow Rate (gpm)	Weight (lbs)	Approx. Gross Volume (cu.ft)
 1502	2"	up to 110	41	1.73
1503	3"	up to 220	49	2.16
1504	4"	up to 350	65	2.26



Series 1700

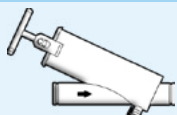
With a coated carbon steel body and a reinforced plastic cover. It has a horizontal inlet and a vertical outlet.

Model	Inlet/ Outlet Diameter (inch)	Recom. Flow Rate (gpm)	Weight (lbs)	Approx. Gross Volume (cu.ft)
 1720	2"	up to 110	28	2.33
1730	3"	up to 220	30	2.75
1740	4"	up to 350	39	3.04



Series 2500

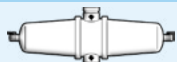
With a coated carbon steel body. With horizontal inlet and outlet.

Model	Inlet/ Outlet Diameter (inch)	Recom. Flow Rate (gpm)	Weight (lbs)	Approx. Gross Volume (cu.ft)
 2502	2"	up to 110	44	2.78
2503	3"	up to 220	62	2.78
2504	4"	up to 350	71	5.10



Series 2600

With reinforced plastic body and covers. It comes with a horizontal inlet and outlet. This filter contains two filtering elements so the filter has a very large filtering area.

Model	Inlet/ Outlet Diameter (inch)	Recom. Flow Rate (gpm)	Weight (lbs)	Approx. Gross Volume (cu.ft)
 2630	3"	up to 220	27	4.27



Series 2100

ODIS series 2100 filters are used mainly as control filters in agriculture and gardening. The filter body is manufactured from reinforced plastic.

ODIS offers the 2100 series with various filtering element.

- ◆ Specially grooved plastic discs.
- ◆ Stainless steel screen.
- ◆ Plastic screen for models 2107 and 2110

Model	Inlet/ Outlet Diameter (inch)	Max. Flow Rate (gpm)	Screen Element Area (inch ²)	Disc Element Area (inch ²)
2107	3/4"	up to 13	20	28
2110	1"	up to 22	20	28
2115	1½"	up to 44	85	78
2120	2"	up to 66	85	78

Color	Screen Element Mesh	Color	Disc Element Mesh
Light blue	80	Yellow	80
Brown	120	Red	120
Green	155	Black	140



Manifolds & Accessories

Series 9000

ODIS manifolds series 9000, and accessories are specifically designed for easy and modular installation of filter arrays.

- ◆ Flexible planning and easy installation of large and small filter arrays.
- ◆ Arrays can be modified by adding filters and manifolds
- ◆ Manifolds are designed for optimal heat loss.
- ◆ Large variety of standard manifolds covers the various Configurations of ODIS arrays.
- ◆ Other manifolds can be manufactured to order.

End Connections

ODIS filters, manifolds, and accessories are available in three end connections:

- ◆ Victaulic (V)
- ◆ Threaded (M)
- ◆ Flanged (F)

Protective Coating

All **ODIS** products have a 120-micron extra-durable polyester coating, applied electrostatically and oven-cured on a zinc-phosphate layer for maximal anticorrosion protection.

ODIS can manufacture to order other system configurations or products, in some cases at no additional cost. Aimed at continued improvement, **ODIS** reserves the right to change specifications without prior notice.

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