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Pipework and fittings, valves, rubber fittings, flexible hose, liners, sealants, water blades



Sieves, drumfilters, mechanical filtration, biological filtration, filter media, ozone, skimmers, purifiers



Pumps, airpumps, air accessories, UVC, heating, heatpumps, thermometers



Koi foods, medications, additives, water treatments, test kits, microscopes, dosage pumps



Nets, bowls and tanks, auto feeders, pond cleaning, pond protection, books, dvds, gift ideas



BLACK WASTE PIPWORK & FITTINGS

Solvent-weld pipe

G

110mm Solvent Weld Pipe (per 3m length)	PW617	24.74
3" Solvent Weld Pipe (per 3m length)	PW618	27.61
2" Solvent Weld Pipe (per 3m length)	PW619	12.07
1.5" Solvent Weld Pipe (per 3m length)	PW620	7.99



Straight connectors

M

110mm Straight connector (Solvent weld)	PW622	6.13
3" Straight connectors (Solvent weld)	PW635	6.44
2" Straight connectors (Solvent weld)	PW643	1.68
1.5" Straight connectors (Solvent weld)	PW655	1.09
110mm Clamp Saddle 2" bsp Female thread	PW627	10.34
110mm Clamp Saddle 1.5" bsp Female thread	PW628	9.59



45 bends

M

110mm 45 bend (solvent weld)	PW625	6.83
3" 45 Bend (solvent)	PW636	9.83
2" 45 Bends (Solvent Weld)	PW644	1.68
1.5" 45 Bends (Solvent Weld)	PW656	1.09



90 bends

M

110mm 90 bend (solvent weld)	PW623	8.76
3" 90 Bend (solvent)	PW637	12.38
2" 90 Bends (Solvent weld)	PW645	1.68
1.5" 90 Bends (Solvent Weld)	PW657	1.09



T's

M

110mm Tee (Solvent weld)	PW633	15.76
3" Tee (Solvent weld)	PW641	17.16
2" Tee (Solvent weld)	PW646	2.55
1.5" Tee (Solvent weld)	PW658	1.46



Reducers

M

110mm-3" Reducer (Solvent weld)	PW632	3.86
3" to 2" Reducer (Solvent weld)	PW642	4.03
2"-1.5" Reducers (Solvent weld)	PW650	0.95
2"- 1.5" Threaded Nut Inside/Out	PW685	4.67



BLACK WASTE PIPWORK & FITTINGS

End caps

M

110mm End Caps (Solvent weld)	PW629	7.88
3" End Caps (Solvent weld)	PW640	18.43
2" End Caps (Access Cap) (Solvent weld)	PW652	3.74
1.5" End Caps (Access cap) (Solvent weld)	PW664	3.69



Flanged tank connectors (Black waste)

I

110mm Flanged Tank connector	PW630	8.73
110mm Radial Tank Connector	PW631	13.01
3" Flanged Tank connectors	PW638	6.90
2" Flanged Tank Connector	PW649	5.96
1.5" Flanged Tank connectors	PW663	5.12



Threaded tank connectors

I

110mm Threaded Tank Connector	PW6311	16.24
2" Threaded Tank connectors KK	PW647	3.20
1.5" K-Koi Threaded Tank Cons	PW660	1.88
1.5" Threaded Tank connectors (WS32)	PW662	4.30



Bottom drains

I

110mm Economy Bottom Drains	PW634	20.53
110mm Tommy Drain	PW6341	27.00
2" Tommy Drain	PW6541	22.82
50mm Bottom drain with chamber	PW6542	20.86
1.5" Tommy Drain	PW760	12.15
1.5" Retro-fit Drain (Weighted with 1.5" Pickup)	PW6342	106.11
110mm Clamp Saddle 2" bsp Female thread	PW627	9.94



Male-male joiners

I

2" Male to Male Joiner KK	PW653	0.95
1.5" Male to Male Joiner KK	PW667	0.93
1.5" "Dildo" pickup strainer	PW761	3.40



Split connectors

I

1.5" K-Koi Split con (Black)	PW659	3.15
2" K-Koi Split con (Black)	PW6591	7.30
3" K-Koi Split con (Black)	PW6592	10.40



BLACK WASTE PIPWORK & FITTINGS

Black waste ball valves

I

2" Kockney Koi Ball Valve	VV722	16.57
1.5" Kockney Koi Ball Valve	VV723	11.41



The Kockney Koi ball valves are competitively priced for use with waste pipe

X-Clear 3-way Valve

I

X-Clear 63mm 3-way valve	VV728	54.29
Split union adapters (for X-Clear Valve) to 2" Pressure	VV2781	3.18



The X-clear 63mm 3-way valve can be converted to 2" Pressure with the use of the split union kit available.

Non-return valves

I

Flapper Valve Non - Return 1" (inc split unions)	VV736	25.31
Flapper Valve Non - Return 1.5" (inc split unions)	VV731	36.46
Flapper Valve Non - Return 2" (inc split unions)	VV732	43.56
Flapper Valve Non - Return 3" (inc split unions)	VV7321	111.52



Hosetails

M

Black Threaded Hose Tail	PW666	1.62
Black Stepped Hose tail	PW665	1.85
2" Hose tail (Female thread)	PW708	7.94



Cobra Pipe Clamps

M

4" Pipe Clamp Bracket (Cobra)	PW6691	10.45
3" Pipe Clamp Bracket (Cobra)	PW6692	7.25
2" Pipe Clamp Bracket (Cobra)	PW6693	3.17
1.5" Pipe Clamp Bracket (Cobra)	PW6694	2.55
1" Pipe Clamp Bracket (Cobra)	PW6695	1.59



PRESSURE PVC PIPWORK & FITTINGS

PVC Pressure pipe

G

4" Class C Pressure pipe (3mtrs)	PW7078	36.65
3" Class C Pressure pipe (3mtrs)	PW7071	28.32
2" Pressure Pipe (3mtrs)	PW694	12.92
2" Pressure Pipe per mtr	PW693	4.19
1.5" Pressure Pipe (3mtrs)	PW676	8.17
1.5" Pressure Pipe per mtr	PW675	3.26
40mm Pipe (per 2.5mtr length)	PW671	5.60
40mm Pipe (per Meter)	PW670	1.29
1" pressure pipe (per 3mtrs)	PW7601	4.29



Sockets / Barrels / Convertors

V

1" Plain Socket (Pressure)	PW7603	0.99
40mm Plain Socket (Pressure)	PW672	1.16
1.5" Plain Socket (Pressure)	PW677	2.06
2" Plain Socket (Pressure)	PW699	2.83
3" Plain Socket (Pressure)	PW7074	11.10
4" Plain Socket (Pressure)	PW7081	16.16
50mm to 1.5" Plain Socket	PW679	2.70
63mm to 2" Plain Socket	PW707	4.03
110mm - 4" pressure Socket (Stralgh con)	PW7091	21.67



Adapters (Plain to Threaded)

V

Plain male - female thread 1.5" - 1.5"	PW689	4.29
Plain male - female thread 2" - 2"	PW705	5.94
1.25" Female thread - 50mm Socket (for DM)	PW6711	7.15
1.5" Socket (Plain - Female Threaded)	PW678	6.00
2" Socket (Plain -Female Threaded)	PW698	5.91
4" Pressure Socket Plain - Thread	PW7086	26.66
2.5" Female thread - 75mm Socket (Blue ECO)	PW7069	38.57



Pressure tank cons - Flange / Thread

V

1.5" Flanged tank connectors (Grey Pressure)	PW800	14.00
2" Flanged tank connectors (Grey Pressure)	PW801	15.60
3" Flanged tank connectors (Grey Pressure)	PW802	21.44
4" Flanged tank connectors (Grey Pressure)	PW803	21.92
1.5" Threaded Tank connector (Grey Pressure)	PW804	8.24



NEW!

PRESSURE PVC PIPWORK & FITTINGS

Bends and Elbows

V

25mm pressure 90 bend	PW7602	0.99
1" 90 Bend	PW7088	1.63
40mm (90 Bends)	PW673	2.01
1.5" 90 Bends (Pressure)	PW681	2.64
2" 90 Bend (glue) (Pressure)	PW702	4.39
3" Pressure 90 bends	PW7072	16.03
4" Pressure 90 bends	PW7079	23.83
2" 90 Bend (Threaded)	PW703	7.43
1.5" 90 Bends Plain - Threaded	PW682	6.39
1.5" Swept 90 bend (Pressure)	PW7642	15.14
2" Swept 90 bend (Pressure)	PW7643	20.04
3" Swept 90 bend (Pressure)	PW7644	62.46
4" Swept 90 bend (Pressure)	PW7645	100.18
40mm (45 Bends)	PW674	2.49
1" 45 Bend	PW7089	2.36
1.5" 45 Bends (Pressure)	PW680	3.09
2" 45 Bend (glue)	PW701	4.58
3" Pressure 45 bends	PW7073	14.40
4" Pressure 45 bends	PW7080	30.17



Tees

V

40mm (Tee)	PW762	2.19
1" Tee pressure	PW7090	2.14
1.5" Tee pressure	PW684	4.37
2" Tee Pressure	PW704	6.49
3" Tee Pressure	PW7077	4.37
4" Tee Pressure	PW7084	32.06



Reducers / end caps

M

1" Pressure End Cap	Discount Code V	PW300	1.07
1.5" End Cap (Pressure)		PW6872	1.65
2" End Cap (Pressure)		PW6873	2.07
3" End Cap (Pressure)		PW6874	7.26
4" End Cap (Pressure)		PW6875	10.14
4"-3" Reducer (Pressure)	Discount Code V	PW7094	11.79
3" - 2" Reducer (Pressure)	Discount Code V	PW7093	9.21
2"-1.5" Reducers (Pressure)	Discount Code V	PW706	2.26



Socket nipples

V

1" Socket Nipple	PW7092	1.80
1.5" Socket Nipple	PW688	2.46
2" Socket Nipple	PW700	5.53



PRESSURE PVC PIPWORK & FITTINGS

Split unions

M

1" Socket Unions (plain)	PW6871	4.53
1.5" Socket Unions (plain)	PW687	4.93
2" Socket Unions (plain)	PW695	6.38
3" Socket Unions (plain)	PW7075	38.79
4" Socket Unions (plain)	PW7082	52.32
1" Socket Unions (plain - female thread)	PW6880	6.18
1.5" Socket Union (Glue-Female thread)	PW686	9.75
2" Socket Union (Glue-Female Thread)	PW696	13.62
1.5" Socket Unions (Glue-male thread)	PW710	10.74
2" Split Union (Glue-Male Thread)	PW697	17.53



Ball Valves

H

4" Ball Valve (Double Union) RED HANDLE	VV717	174.06
3" Ball Valve (Double Union) RED HANDLE	VV718	95.09
2" Ball Valves (Double Union) RED HANDLE	VV719	23.06
1.5" Ball Valve (Double Union) RED HANDLE	VV720	16.05
1" Ball Valve (Double Union) RED HANDLE	VV7205	14.98

110mm Ball Valve (Double Union) BLUE HANDLE	VV7171	153.24
4" Ball Valve (Double Union) BLUE HANDLE	VV7201	153.24
3" Ball Valve (Double Union) BLUE HANDLE	VV7202	103.53
2" Ball Valves (Double Union) BLUE HANDLE	VV7203	24.88
1.5" Ball Valve (Double Union) BLUE HANDLE	VV7204	15.87

4" ERA Ball Valve	PW7209	70.50
3" ERA Ball Valve	PW7208	53.38
2" ERA Ball Valve	PW7207	17.48
1.5" ERA Ball Valve	PW7206	10.58



NEW- "ERA" Valves



Valterra slide valves

H

110mm Valtterra Slide Valve	VV708	53.46
4" Pressure Valtterra Slide Valve	VV7081	54.70
3" Valtterra Slide Valve	VV709	25.53
2" Valtterra Slide Valve	VV710	16.30
1.5" Valtterra Slide Valve	VV711	10.07
(1x) washer Valtterra 1.5"	VV743	3.94
(1x) washer Valtterra 2"	VV744	4.78
(1x) washer Valtterra 3"	VV745	5.84
(1x) washer Valtterra 4"	VV746	8.31



Replacement seals available

PRESSURE PVC PIPWORK & FITTINGS

Reducing Bushes

W

4" Reducing Bushes (Pressure to Waste)	VV713	6.72
3" Reducing Bushes (Pressure to Waste)	VV714	5.70
2" Reducing Bushes (Pressure to Waste)	VV715	1.92
1.5" Reducing Bushes (Pressure to Waste)	VV716	1.54
63mm to 2" Pressure (Thin Bushes)	VV740	2.79
50mm to 1.5" Pressure (Thin Bushes)	VV738	4.81
50mm to 1.5" Waste (Thin Bushes)	VV739	4.60



FLEXIBLE RUBBER CONNECTORS

Rubber straight connectors

P

Flexible Connector with clips 1.25"	PW736	3.65
Flexible Connector with Clips 1.5"	PW737	4.03
Flexible Connector with Clips 2"	PW738	4.39
Flexible Connector with Clips 3"	PW739	6.19
Flexible Connector with Clips 4"	PW740	8.52



Rubber 90 bends

P

Flexible Bend with Clips 1.5"	PW747	9.22
Flexible Bend with Clips 2"	PW748	9.92
Flexible Bend with Clips 3"	PW749	16.87
Flexible Bend with Clips 4"	PW750	21.48



Rubber end caps

P

Flexible End Cap with Clips 1.5"	PW755	2.60
Flexible End Cap with Clips 2"	PW756	3.48
Flexible End Cap with Clips 3"	PW757	4.64
Flexible End Cap with Clips 4"	PW758	5.76



Rubber Tees

P

Flexible Tee with Clips 1.5"	PW751	10.74
Flexible Tee with Clips 2"	PW752	12.20
Flexible Tee With Clips 3"	PW753	20.84
Flexible Tee with Clips 4"	PW754	30.77



FLEXIBLE RUBBER CONNECTORS

Rubber reducing connectors

P

Flexible Reducing Connector with Clips 1.5"-1.25"	PW741	3.90
Flexible Reducing Connector with Clips 2"-1.5"	PW742	4.27
Flexible Reducing Connector with Clips 3"-2"	PW743	9.40
Flexible Reducing Connector with clips 4"-3"	PW744	10.63
Flexible Reducing Connector with clips 4"-2"	PW746	9.92
Flexible Reducing Connector with clips 4"-1.5"	PW7401	10.91
Flexible Reducing Connector with clips 6"-4"	PW7461	24.87



FLEXIBLE HOSE

Heavy Duty black koi hose

I

1.5" High Quality Black Koi Hose (per meter)	FH770	3.75
1.25" High Quality Black Koi Hose (per meter)	FH771	2.71
1" High Quality Black Koi Hose (per meter)	FH772	2.09
1.5" High Quality Black Koi Hose (per 30mtr roll)	FH7721	99.07
1.25" High Quality Black Koi Hose (per 30mtr roll)	FH7722	71.15
1" High Quality Black Koi Hose (per 30mtr roll)	FH7723	55.59

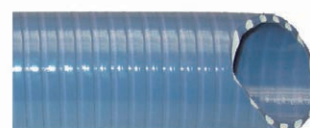
2" High quality Black hose (per meter)	FH773	5.91
2" High quality Black hose (per 25mtr)	FH774	147.73



Heavy Duty solvent weld hose

I

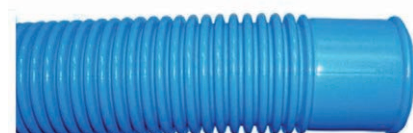
50mm Pressure flexi (Glues into fitting) per m	FH768	5.43
63mm Pressure Flexi (Glues into fitting) per m	FH769	10.80
50mm Pressure flexi (Glues into fitting) 25mtr roll	FH768b	105.64
63mm Pressure Flexi (Glues into fitting) 25mtr roll	FH769b	210.00



Heavy Duty solvent weld hose

I

1.25" Floating Blue Vac Hose (per 50 mtr)	FH776	99.60
1.5" Floating Blue Vac Hose (per 50 mtr)	FH777	116.49



This hose has a moulded end every 1.5mtrs

FLEXIBLE HOSE

Compression fittings for flexi hose

1.25" Compression fitting for hose	FH783	10.11
1.5" Compression fitting for hose	FH784	12.42



Hose clips

1.75" Hose Clips (Black)	FH782	1.39
1.5" Hose Clips (Red)	FH7831	1.39
1.25" Hose Clips (Orange)	FH7832	1.30
1" Hose Clips (Yellow)	FH785	1.26



Barbed hose joiners

1" Hose Joiner Barbed	FH759	1.74
1.25" Hose Joiner Barbed	FH760	2.14
1.5" Hose Joiner Barbed	FH761	2.86
1" 90 degree hose joiner Barbed	FH762	2.14
1.25" 90 degree hose joiner Barbed	FH763	2.86
1.5" 90 degree hose joiner Barbed	FH764	3.63
1" Tee hose joiner Barbed	FH765	2.14
1.25" Tee hose joiner Barbed	FH766	3.34
1.5" Tee hose joiner Barbed	FH767	4.28



OASE - Pipe, Hose connectors, valves

Biotec 75mm discharge pipe 1mtr	FS174	20.73
Biotec 75mm Discharge Pipe 1/2m	FS175	16.59
Biotec 75mm Connection Bend 45	FS176	12.42
Biotec 75mm Connection Bend 90	FS177	12.42
Biotec 75mm Connection Tee	FS1771	14.93

Oase Stepped Hose Connector	FS178	17.65
Oase Stepped Tee Con 1/5"	FS179	25.28
Oase Y-Distributor Valve	FS180	37.31
1/5" Oase Flow regulator with Hose Tails	FS181	26.12



This 70mm pipe is push fit with built in seals for use with OASE biotec filters



GLUE - SEALANTS

Everweld Solvent Glue

Everweld (Solvent Weld Glue) 120ml	LS1025	4.45
Everweld (Solvent Weld Glue) 240ml	LS1026	7.23
Everweld (Solvent Weld Glue) 500ml	LS1027	13.17

'EVER-WELD' Heavy Bodied, clear solvent weld glue for wet or dry applications.

Competetively priced!



Solvent weld glue / pipe cleaner

Wet R Dry Solvent Weld Glue (240ml)	LS1021	13.67
Wet R Dry Solvent Weld Glue (500ml)	LS1022	25.26
Griffon UNI-100 250ml (hard pipe only)	LS1024	13.06
Griffon WDF-05 250ml (fast dry)	LS1023	11.61
Griffon Pipe Cleaner 125ml	LS1028	7.49
Griffon Pipe Cleaner 500ml	LS1029	15.81

Solvent cement for joining PVC and ABS (flexible) tubes, coupling sleeves and fittings in pressure and drainage up to diameter 160

mm. Maximum pressure 16 bar for PVC (PN16) and 5 bar for ABS (PN5)

- Suitable for Wet and Dry Conditions (not under water)
- Extremely fast drying
- For PVC and ABS
- Gap filling (max. 0,8mm) - For Flexible tubes (hoses)
- For Swimming Pool Installations - Brush included
- According to European standard EN 14814



Silicone and sealants

Gold Label Underwater Sealer One Shot 75ml	LS978	14.00
Gold Label Underwater Sealer Black 290ml	LS979	22.27
Silver Label Silicone Black	LS981	8.40
Superstrong FIX + SEAL 290ml Black	LS1017	9.90
Superstrong FIX + SEAL 290ml Clear	LS1018	12.48
Superstrong FIX + SEAL 290ml White	LS1019	12.48
OASE EPDM-Fix	LS980	22.79



Wizard fibre

Wizard Fibre for Concrete	LS977	20.72
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1 kg of Wizard Fibre can cover between 8 - 18 square metres at 5mm thick. Wizard Fibre is a high strength, high quality cement additive that dramatically reduces plastic shrinkage cracking.

Key features

- Allows a much stronger mix, leading to a smoother crack resistant finish that is safer for the fish.
- Saves Money.
- Increased workability, making it easy to apply.
- Far stronger, more durable and easier to use than polypropylene alternatives.
- Dramatically reduces the likelihood of leaks developing.



LINERS

PVC Liner

I

4mtr Wide Liner PVC (0.5mm) (per running meter)	LS992	14.73
6mtr Wide Liner PVC (0.5mm) (per running meter)	LS993	22.21
8mtr Wide Liner PVC (0.5mm) (per running meter)	LS994	29.63

Our economical high quality PVC Pond Liner is suitable for small to medium ponds, having excellent flexibility and high puncture resistance.

All our retail rolls come with an integral tape measure and are individually wrapped for outside storage, they are suitable for both the Mini Roll Stand and the SafeLoad Roll Stand.



Butyl - Firestone - Greenseal

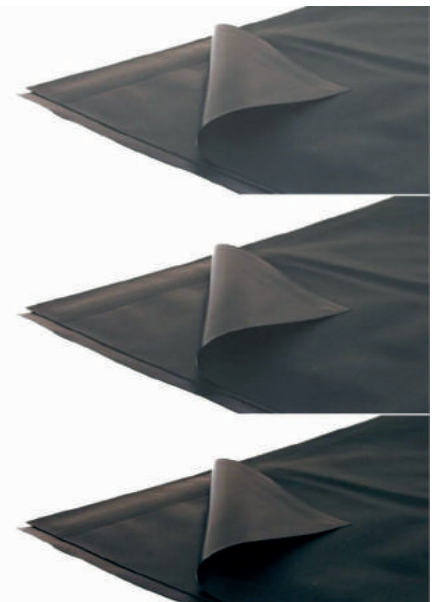
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Butyl Liner 0.75mm (per Square meter)	LS995	14.29
Seal-eco GreenSeal Liner 0.75mm (per square meter)	LS996	10.75
Firestone Liner 1mm (per square meter)	LS997	12.69

Butyl pond liner is a synthetic rubber membrane with exceptional physical properties making it the ideal choice for lining ponds, lakes, lagoons and streams.

SealEco EPDM (Greenseal) and Butyl pond liner are both synthetic rubber membranes with exceptional physical properties making them the ideal choice for lining ponds, lakes, lagoons and streams. Despite their different chemical compositions, they look and feel the same. As a result of higher current levels of production, EPDM has become more economical than the Butyl rubber.

Firestone PondGard is an EPDM Geomembrane specifically designed for garden pond and lake applications. Its formulation and production process makes it perfectly compatible with aquatic life, in accordance with test reports published by the UK Water Research Centre.



Butyl Tape

M

Butyl Tape (60mm wide) per Mtr	LS982	4.16
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Underlay

I

Pond Grade Underlay 150g/sqm 2mtrs wide (Per running mtr)	LS999	3.56
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Our underlays offer exceptionally **high performance** and provide a highly effective protective barrier between substrate and liner. We recommend that our Heavy Duty Underlay is used beneath all our liners, not only to help protect liners from penetration by sharp stones, roots, etc, but also to reduce excessive localised stretching of the liner when ground settlement occurs over time.



LINERS - SEALANTS

G4 Pond sealer

M

G4 1kg Clear	LS983	31.05
G4 2.5kg Clear	LS984	62.99
G4 5kg Clear	LS985	100.12
G4 25kg Clear	LS986	415.13
G4 1kg Black	LS987	43.88
G4 2.5kg Black	LS988	91.13
G4 5kg Black	LS989	166.51
G4 25kg Black	LS990	622.13

G4 is a durable deep bonding plastic coating for concrete which can be used without primer at low temperatures to seal in the lime in concrete ponds / water features.



Impermax liquid pond liner

F

AquaForte Impermax grey 2.5 kg	LS1000	30.81
AquaForte Impermax grey 10kg	LS1001	120.54
AquaForte Impermax grey 25 kg	LS1002	295.80
AquaForte Impermax black 2.5 kg	LS1003	30.81
AquaForte Impermax black 10 kg	LS1004	120.54
AquaForte Impermax black 25 kg	LS1005	295.80
Impermax solvent 4 kg	LS1006	44.25
Impermax Pur Cat 1ltr	LS1007	28.90
Impermax PU primer 4 kg	LS1008	72.28
Impermax Humidity primer 5 kg	LS1009	112.35
Impermax Humidity primer 10 kg	LS1010	225.55
Geomax Geotextiel 03 x 100 mtr	LS1013	133.11

AquaForte Impermax Paintchlore 4 kg	LS1015	154.06
AquaForte Impermax Paintchlore 20 kg	LS1016	713.62

Impermax Aqua is an ideal liquid rubber pond liner suitable for a host of situations and surfaces that is simply painted on. The product is based on polyurethane (drinking water approved according to EEC directive 98/83/CE) and provides a smooth, seamless membrane.

The finished membrane is constructed in various layers with the resulting liner being in excess of 1.4-1.9mm thick almost twice the thickness of conventional sheet liners and with the similar finish to fibreglass.

As Impermax Aqua is a liquid pond liner, it is painted on and will be as durable as conventional pond liners once cured, being highly elastic and able to withstand expansion, contraction or slight movement in the support structure without compromise to its integrity.

Impermax Aqua liquid pond liner is the new era of pond lining, its easy to apply with brush or roller gives a seamless finish, applied in 2 coats to achieve maximum strength and durability, available in a series of colours.

Impermax Aqua Liquid rubber is a new single component, high performance waterproofing material, based on Polyurethane, certified according to EEC Directive 98/83/CE, and which can be in direct contact with drinking water for human consumption.

It can be easily applied on different kinds of surfaces used in hydraulic infrastructures such as concrete, mortar, ceramics, fibreglass reinforced polyester, etc. *Curing time: 4-6 hours in the summer, 12-24 hours. Apply at least 3 to 4 layers to obtain a membrane thickness of 1,5 to 1,9 mm (2 kilo per m²). It is recommended to use Humidity Primer in most situations.



Impermax Aqua is an ideal liquid rubber pond liner suitable for a host of situations and surfaces that is simply painted on. The product is based on polyurethane (drinking water approved according to EEC directive 98/83/CE) and provides a smooth, seamless membrane.

The finished membrane is constructed in various layers with the resulting liner being in

Fibreglass water blade returns

M

Fibreglass Water Blade return 12"	WB114	62.92
Fibreglass Water Blade return 24"	WB115	80.91
Fibreglass Water Blade return 36"	WB116	98.90
Fibreglass Water Blade return 48"	WB117	116.87



Available in the following Widths;

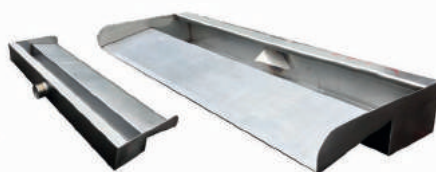
12" (Minimum 3000 lph), 24" (Minimum 4000 lph), 36" (Minimum 5000 lph), 48" (Minimum 6000 lph)

WATER BLADES

Pro-Line Stainless steel water blade

I

Proline Water Blade 445mm	WB100	255.27
Proline Water Blade 680mm	WB101	269.45
Proline Water Blade 900mm	WB102	333.27



OASE waterfall / blades

M

OASE Waterfall 30 (140 x 300 x 100)	WB103	160.05
OASE Waterfall 60 (140 x 600 x 100)	WB104	243.99
OASE Waterfall 90 (140 x 900 x 100)	WB105	317.21
OASE Waterfall XL 30 (200 x 300 x 100)	WB106	199.11
OASE Waterfall XL 60 (200 x 600 x 100)	WB107	298.65
OASE Waterfall XL 90 (200 x 900 x 100)	WB108	398.22
OASE Waterfall Kit 30 (145 x 305 x 600)	WB109	406.59
OASE Waterfall Kit 60 (145 x 605 x 600)	WB110	603.34
Waterfall Illumination 30	WB111	94.67
Waterfall Illumination 60	WB112	119.06
Waterfall Illumination 90	WB113	159.07



Waterfall Kit 30



Waterfall Kit 60

Included in the scope of delivery: each with threaded opening on the rear and underside, as well as a stepped hose adapter (19, 25, 32, 38 mm) and an extra-flat plug Ensures a uniform water pattern and a precisely flowing waterfall.

Compact and robust waterfall of high quality stainless steel 1.4401 (V4A)
Easy installation as permanent built in unit or bolted onto the wall.



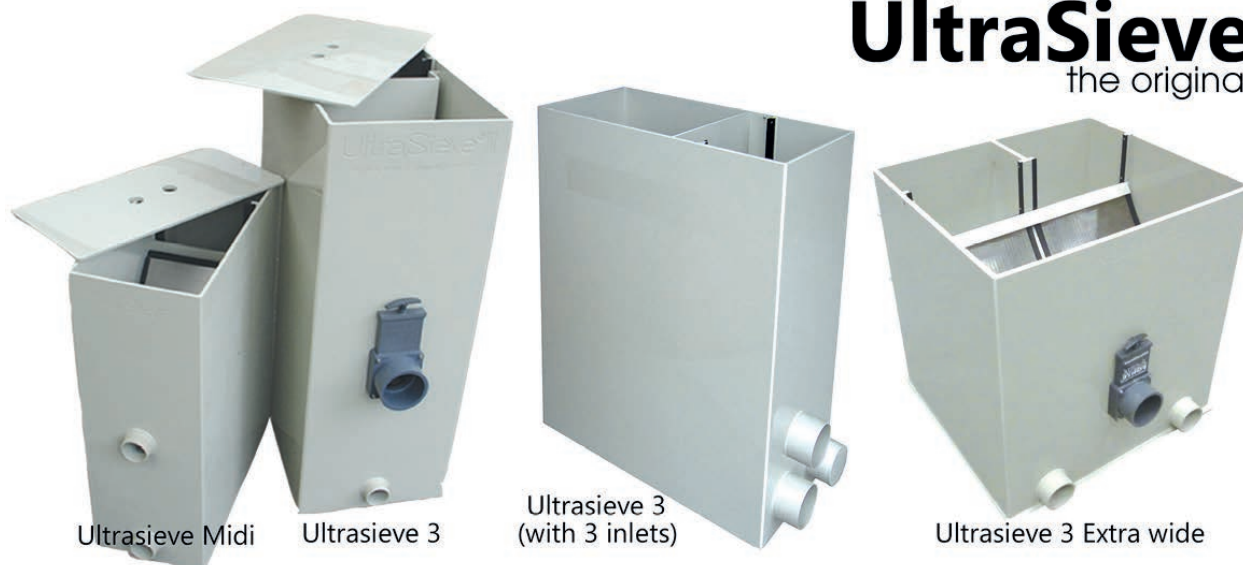
Waterfall Illumination

MECHANICAL FILTRATION

UltraSieve

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UltraSieve
the original



	Height	Width	Depth	Inlets	Outlets
Ultra-Sieve 3 4000GPH	1000mm	370mm	640mm	2 x 110	1 x 63
Ultra-Sieve 3 (with 3 x 110mm Inlets) 6000GPH	1000mm	370mm	640mm	3 x 110	2 x 63
Ultra-Sieve 3 Extra Wide (3 x inlets)	760mm	720mm	640mm	3 x 110	2 x 63
Ultra-Sieve MIDI 2500GPH	730mm	260mm	550mm	1 x 110	1 x 63
Lid For Ultra Sieve 3					
Lid for Ultra Sieve Midi					
Spare sieve element for Ultra sieve 3 (200 micron)					

Ultra-Sieve 3 Standard	PF057	1027.37
Ultra-Sieve 3 (with 3 x 110mm Inlets) 6000gph	PF0572	1096.02
Ultra-Sieve 3 Extra Wide (3 x inlets)	PF0573	1529.62
Ultra-Sieve MIDI Max Flow 2500GPH	PF058	922.36
Lid For Ultra Sieve 3	PF059	55.09
Lid for Ultra Sieve Midi	PF060	46.81
Spare sieve element for Ultra sieve 3 (200 micron)	PF0571	195.64

How it works: Pond water will flow over the top of the auto-adjustable dam (A). This dam is connected to the floater so its height is automatically adjusted. This system will provide that the exact amount of water that is pumped out the filter will enter the filter on the inlet. This has a number of big advantages in comparison with other sieve filters:

Multiple, or bigger, inlets are possible (standard 2 x 110mm!). The upper edge of the UltraSieve must only be 1 cm above the water level. Very competitive pricing thanks to the simple floating system.

Max Pump speed up to 20m³/hr.

Pump fed sieves

G

Compact Sieve 2 (Pump fed only) Green or Blue	PF054	243.17
SuperSieve Pump (Pump fed only)	PF0521	439.64

The compact Sieve is a pump fed System and gravity return to pond, this unit can be used as a pre filter for ponds or can be used with a pond skimmer.

Stainless steel sieve: 24.5cm wide, 40cm long, and has slots of 250 micron. Pumping speed up to a max of 2000 gallons p/h. Output and overflow are 75mm push fittings. Length: 50cm, Width: 33cm and Height: 56cm.

A particle remover directly next to the pond or to a waterfall/stream return to the pond.
A mechanical particle waste pre-filter before surface mounted biological stages.
This unit can be connected to an existing pumped pond skimmer system. The unit must be mounted above pond water level.
This unit could be connected to a pond vacuum cleaner and the returned water from the vacuum cleaner can be fed into the input hose tail via a T-piece or directly. For extra particle removal and saving your precious matured pond water.

The Compact Sieve is ideal for the smaller ponds - great for ponds of up to 4,000 gallons.



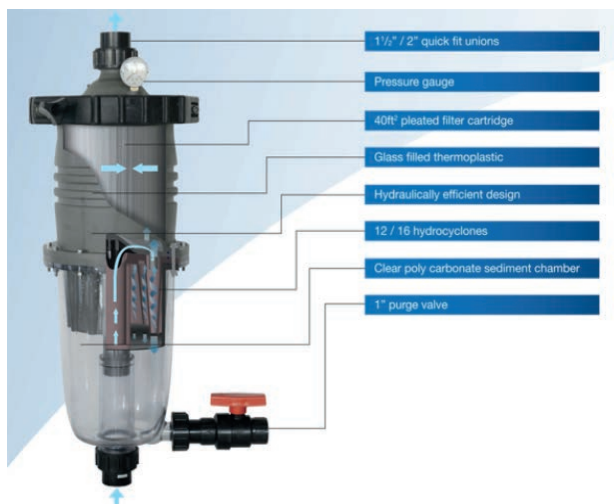
MECHANICAL FILTRATION

WATERCO- Multi-cyclone & TCF

E

Multi Cyclone 16 Solids remover	PF046	382.18
Multi Cyclone 12 Solids remover	PF061	290.00
Multi Cyclone 16 PLUS Solids remover	PF063	551.61
Multi Cyclone 12 PLUS Solids remover	PF064	456.77
Stand for Multi Cyclones	PF062	58.39
Waterco C75 TCF cartridge filter (vessel only)	PF900	283.55
Waterco C75 TCF 5 micron Replacement cartridge	PF901	78.06

MULTI CYCLONE- Based on the principals of centrifugal water filtration, there are no moving parts to wear and tear, and no filter media to clean or replace. Its 16 miniature cyclones are able to filter down to 30 microns, reducing filter maintenance. Only 15 litres of water is required to flush its trapped contents.



WATERCO
EUROPE LTD
Water, the liquid of life



MultiCyclone Plus combines centrifugal and cartridge filtration into one streamlined housing, creating an ultra compact filtration system.

Dual stage filtration- Incoming water tangentially enters its multiple hydro cyclones, generating a strong centrifugal effect. Approximately 80% of the incoming dirt load is spiralled down to its clear sediment chamber. The outgoing water is finally polished via its inbuilt cartridge filter, producing crystal clear water.

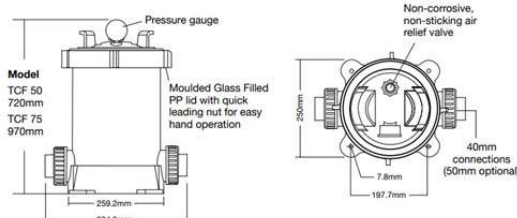
Simple maintenance- MultiCyclone Plus's sediment chamber is easily cleaned by opening its purge valve. Only 15 litres of water is discharged.

The TCF series housing- has been designed as a versatile and heavy-duty unit for residential and commercial applications. The TCF series housings are designed for top loading with an easy locking ring system requiring no additional tools for simple cartridge removal and replacement. The TCF series housings are fabricated from high impact polypropylene to be compatible with a wide range of fluids.

Pleated Filter Cartridges-

The Pleated Filter Cartridges are fabricated from pleated reusable polyester fabric. The media has been pleated to provide 2.3 to 6.9 square metres of surface area in order to maximise the cartridge dirt holding capacity and extend the time between cleaning.

Dimensions (mm)



MECHANICAL FILTRATION

Tempest filter

tempest

NEW Evolution Aqua Tempest

Introducing the new **Tempest** from Evolution Aqua. The Tempest filter is an **innovative polishing system** for ponds that will help to deliver **crystal clear, healthy water**. Designed to be used in conjunction with any filtration system, the Tempest offers **additional mechanical and biological filtration**. The Tempest filter can also be used on **quarantine systems** or as a **standalone filter** on smaller ponds.

The Tempest filter is **easy to install** and is **simple and quick to clean**, by way of a **unique, patent pending air syphon design**. During the cleaning process, air is drawn into the filter as it empties which causes the water to **agitate**, effectively cleaning the **K+Media**.

Using Evolution Aqua's **K+Media** as the filter media, particles down to one micron can be filtered. Not only that, **K+Media** is the result of extensive research and development, moulded with minerals for faster maturation times.

Evolution Aqua filter media has been independently tested by **IFTS (Institut de la Filtration et des Techniques Séparatives)**.



EVOLUTION
AQUA
INNOVATION IN WATER

NEW FOR 2021



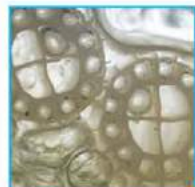
How Tempest works and cleans

How it works

Water is pumped up through the Tempest filter. The **K+Media** moves to the top of the filter, becoming a mechanical barrier that traps debris as it flows through the system. Waste is trapped in the **K+Media** until the cleaning cycle dislodges it and it gets flushed away.

Easy to clean

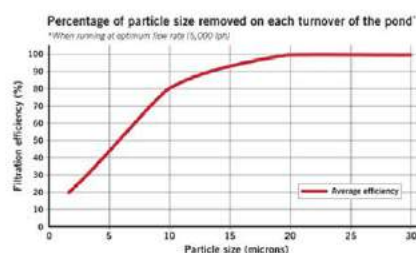
With the pump turned off, slide valves closed, and waste valve open, air is drawn into the filter. As air and water mix inside the filter tube, the media starts to move chaotically, dislodging the trapped waste. Dirty water then exits the filter tube at the bottom via the waste line, leaving clean media.



K+Media - Advanced Filtration

K+Media is designed and manufactured by Evolution Aqua. This advanced media, with its **innovative design and class leading surface area** provides **enhanced biological and mechanical filtration**. As Evolution Aqua extrude the **K+Media**, **minerals and enzymes** are added to the raw material. The result of this process, unique to Evolution Aqua, is a filtration media that not only **outperforms most of its competitors** due to its large **protected surface area**, but also answers the problem of how to **speed up** the time taken to mature your filter.

- Class leading total surface area 1350m² per m³
- Vast protected surface area 1025m² per m³
- Filters mature faster with K+Media
- Minerals incorporated into each piece during extrusion
- Unique design for stable bio-film development
- Exceptional solids removal



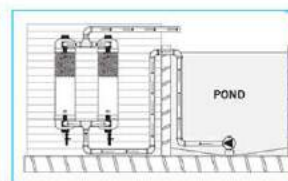
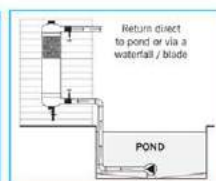
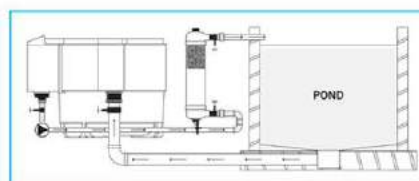
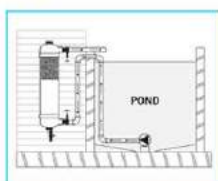
Proven by IFTS (Institut de la Filtration et des Techniques Séparatives) to remove all particles over 25 micron on each pass through the filter.

IFTS International Filter Testing Services is the international reference for solid-liquid separation. Founded in 1981, IFTS is an independently regulated, ISO 17025 accredited, laboratory and research center focusing on liquid filtration and separation science. IFTS quality management system is certified to ISO 9001:2015.

Installation examples

Tempest filters can be installed on a variety of set-ups.

On larger systems that require a higher flow rate, multiple Tempest filters can be installed in a modular system.



EA Tempest Filter (NEW for 2021)

FS325

256.01

DRUM FILTERS

FILTREAU™

DRUMFILTER

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93cm x 53.5cm x 48.5cm
(L x W x H)

Screenfilter
Various sizes available



Extra 10 mm inlet/outlet available



FILTREAU™

MOVING-BED



DIMENSIONS:

57 x 57 x 78 cm
(L x W x H)



Seperate Moving bed now available

The Filtreau Drumfilter is a low maintenance filter system that provides healthy, clear water, without the user having to perform daily maintenance. Also the Filtreau Drumfilter is having very less pressure loss and can be installed pump fed or gravity fed. The water will be filtered by the 70 micron INOX316L screen filter. When the screen filter is filled with dirt, algae, etc. there can't flow enough water through the screen filter. This will result in a lower water level in the clean chamber of the Filtreau Drumfilter. This will be detected and will switch the Filtreau Drumfilter automatically in 'cleaning-mode'. The 'cleaning-mode' means that the filter screen will be fully cleaned and will flush all the dirt, algae, etc. into the sewer. After a few seconds, the screen filter will be clean and will let through enough water again, so the Filtreau Drumfilter will switch back into 'Filtration-mode'. This sophisticated filtration system comes standard with a 40W UV-C Amalgam lamp. The built-in UV-C Module ensures crystal clear water. The sophisticated design and high quality materials result in high intensity UV-C radiation with a wavelength of exactly 253.7 nm.

Filtreau Drum Filter (25m3 /hr) inc 40W amalgam (Gravity)	FS1986	1094.83
Filtreau Drum Filter (25m3 /hr) inc 40W amalgam (Pumped)	FS1986p	1094.83

Filtreau Moving Bed filter	FS412	398.28
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Filtreau 40w amalgam Replacement Lamp	UV701	32.01
TIP Pressure cleaning pump for Filtreau Drum Filter	FS1987	156.90
Filtreau Replacement ballast for UV	FS400	83.06
Filtreau Replacement Motor and gearbox	FS401	77.90
Filtreau Spare screen for drum (Standard)	FS402	60.34
Filtreau Spare screen for drum (Hi Flow)	FS403	60.34
Filtreau Float switch complete	FS404	32.53
Filtreau Quartz sleeve for Amalgam 40w	FS405	27.71

ADVANTAGES

- Made in The Netherlands.
- LED indication when the lamp needs replacing.
- Amalgam UV-C lamp incl. long-life technology (12.000 Hours).
- Perfectly matched electronic ballast and UV-C lamp.
- Energy efficient and environmentally friendly.
- 2 year warranty on manufacturing defects.
- Completely automatic control.
- Very low maintenance.
- No pressure loss, in contrast to the 'Sandfilters'.
- Very small pumps required, no pressure pumps needed
- Extra safety switch, when the water-level is too low
- Max. flow 20 m3/h.
- Screenfilter standard/highflow various sizes available.

DRUM FILTERS

FILTREAU™

DRUMFILTER HF30

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The Filtreau Drumfilter HF30 is a low maintenance pre-filter system that provides healthy, clear water, without the user having to perform daily maintenance.

The system is fitted as standard with two 110mm inlets and two 110mm outlets; when combined with a high-flow panel, this can provide a water flow of more than 30 m³/h!

ADVANTAGES

- **Made in The Netherlands.**
- **Energy efficient and environmentally friendly.**
- **Compact design.**
- **Easy installation.**
- **2 year warranty on manufacturing defects.**
- **Equipped with high-flow panel.**
- **Max. flow 30 m³/h.**

Screenfilter
Various sizes available



Extra 110 mm inlet / outlet available



Filtreau HF30 Drum Filter	FS410	1194.83
Filtreau HF30 Drum Filter (Pump fed)	FS410p	1194.83
Control box complete for Filtreau Drum filter	FS399	181.03
TIP Pressure cleaning pump for Filtreau Drum Filter	FS1987	156.90
Filtreau Replacement Motor and gearbox	FS401	77.90
Filtreau Spare screen for drum (Standard)	FS402	60.34
Filtreau Spare screen for drum (Hi Flow)	FS403	60.34
Filtreau Float switch complete	FS404	32.53

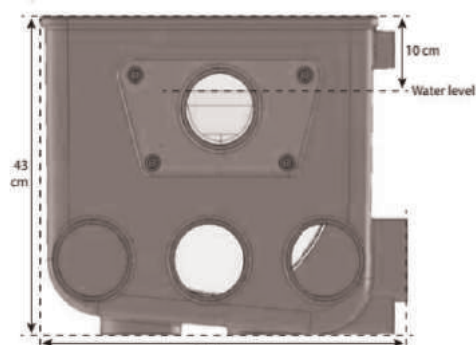
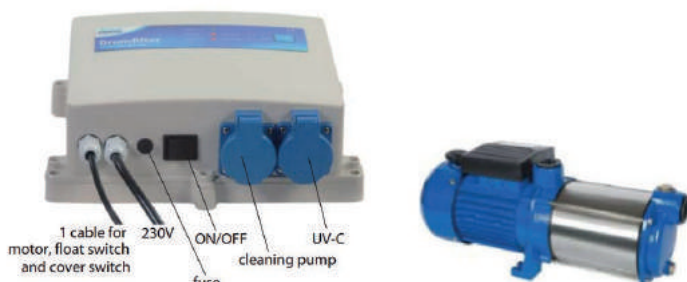
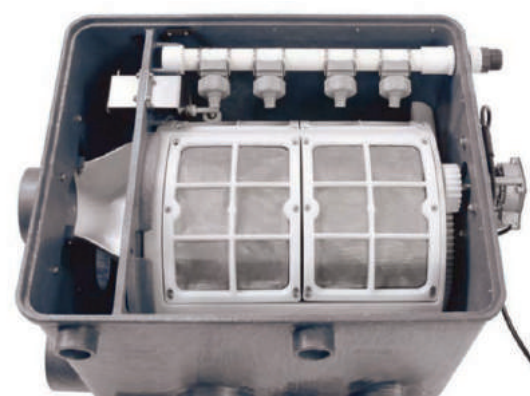
DRUM FILTERS

AquaforTE drum filter

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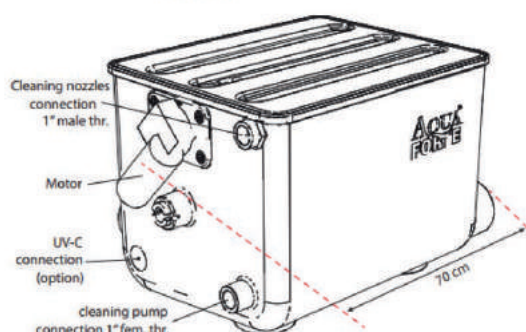
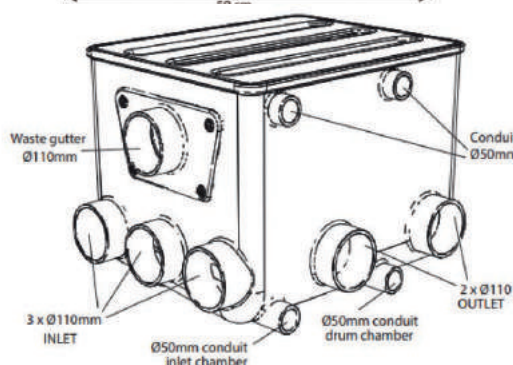
AquaforTE Drum Filter (inc control and lid) New Model	PF2001	1367.77
Clear Lid for AquaforTE drum	PF2002	152.39
High pressure pump (cleaning AquaforTE drum)	PF2003	132.26
AquaforTE Drum Filter Complete Set of Screens (4pcs)	PF2001b	48.64
AquaforTE Drum (Controller Box)	PF2001C	300.41

**AQUA
FORTE**
PROFESSIONAL POND PRODUCTS



**A new breakthrough in technology and price level!
The first affordable drumfilter including a professional,
software based, controller.**

- Extra low installing height of only 10 cm above the water level!
- Individual, exchangeable, screen elements of 60 micron
- Max. flow 25m³/h
- Controller with custom software operation including many safety options like motor slow start, motor amp protection, manual cleaning button, standard hourly cleaning, etc.
- Injection moulded housing made of HDPE, white parts are made of POM (Polyoxymethylene, a hard and strong polymer)
- 48VDC motor
- Suited for pump fed and gravity fed operation (inlet chamber and drum chamber are both fitted with a mounting bracket for the float switch). Float switch can be easily adjusted in height.
- 3 x Ø110mm inlet, 2 x Ø110mm outlet
- Ø50mm connections in inlet chamber and drum chamber in the top and the bottom.
- Centered position for a 40 watt submersible amalgam lamp (just drill a hole for the tank connector at the centered spot)
- Only 1 cable from controller to drumfilter (this will divide into 3 cables: motor, float switch and cover switch)
- Fitted with cover switch (cuts the power off to the motor, cleaning pump and UV-C unit for safety).
- Size (L x B x H): 47 x 57 x 43 cm. Size incl. connections and motor: 50 x 70 x 43cm.



DRUM FILTERS

Aquaforte drum filter XL

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Impressive Build Quality



The larger version of the popular ATF-1 drum filter. Made entirely of PP.

- Extra low installing height of only 10 cm above the water level!
- Individual, exchangeable, screen elements of 75 micron
- Max. flow 35m³/h.
- Controller with custom software operation including many safety options like motor slow start, motor amp protection, manual cleaning button, standard hourly cleaning, etc.
- 48VDC motor
- Suited for pump fed and gravity fed operation (inlet chamber and drum chamber are both fitted with a mounting bracket for the float switch). Float switch can be easily adjusted in height.
- Equipped with overflow protection.
- 3 x Ø110mm inlet, 2 x Ø110mm outlet
- Only 1 cable from controller to drumfilter (this will divide into 3 cables: motor, float switch and cover switch)
- Fitted with cover switch (cuts the power off to the motor, cleaning pump and UV-C unit for safety).
- Size housing (L x W x H): 62 x 62 x 55 cm.

Aquaforte Drum Filter ATF-XL	FS1988	4500.78
Cleaning Pump for Aquaforte Drum	PF2003	188.57
Aquaforte Drum (Controller Box)	PF2001C	300.41

DRUM FILTERS

Super drum

H

SuperDrums are drum filters without a biological aspect, and are available in a capacity of up to 50m³ per hour. The Combi Bio models are available with a capacity of up to 100m³/hour, including a volume of up to 420 litres for biological filter material.

How it works: The water flows through the drum sieve which removes any dirt greater than 70 or 120 microns (0.07/0.12 mm). A water level sensor detects whether sufficient water is still flowing through the drum. Should the drum sieve become too clogged, it is automatically rinsed. The trapped dirt is then removed from the sieve fully automatically by the high-pressure pump, and the dirt is transported to the sewers via the nozzles and a drainage channel. On the Combi models, the water then flows through the biological section where an air stone has already been fitted to ensure proper aeration, all in the same compact casing.

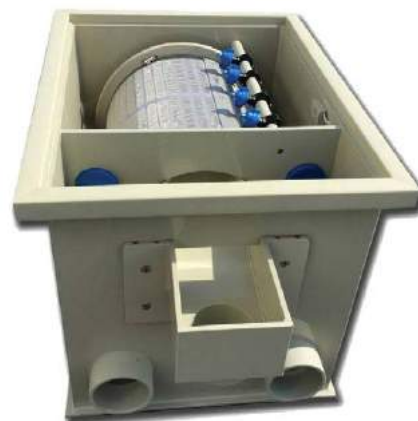
SuperDrums have very low energy consumption, small dimensions, high-quality materials and fully automatic operation. They can be buried entirely, and can be used with pump-fed applications. UV lamps can easily be fitted in the casing. All SuperDrums are supplied with a cover, rinsing pump and control electronics, but without UV and biological filtration equipment. The SuperDrums without the biological chamber are available with both a 70 micron and a 120 micron sieve. With a coarser sieve element, the filter flushes less frequently and the capacity is greater (more m³/hour flow).

CHECK PRICING!!



DIMENSIONS MM	1020x840x790
POND M ³	100
SWIMMING POND/POOL M ³	150
MATERIAL	PP
FLOW M ³ /HR	50
INLET (MM)	4x110
OUTLET (MM)	2x110
WEIGHT KG	60.0000
EAN	8717591053361
MESH SIZE	70/120

DIMENSIONS MM	1020x570x510
POND M ³	60
SWIMMING POND/POOL M ³	100
MATERIAL	PP
FLOW M ³ /HR	30
INLET (MM)	2x110
OUTLET (MM)	2x110
WEIGHT KG	60.0000
EAN	8717591053354
MESH SIZE	70/120



Superdrum 30/120	FS510	2902.59
Superdrum 50/120	FS511	3506.90

DRUM FILTERS

OASE Proficlear Premium Drum

D



- *Modern module filter system for professional water quality where space is at a minimum
- *Outstanding filter capacity with intelligent control functions
- *Intelligent self cleaning function for unique maintenance free operation (drum filter module)
- *Conveniently control all settings via app, through connection possibilities on the Easy Garden Control System (EGC), upgrading existing systems is possible with the separately available upgrade kit
- *Highly effective decomposition of pollutants and nutrients, thanks to professional filter media and moving bed process (MovingBed)
- *Excellent decomposition rates of ammonium, ammonia, nitrite and nitrate
- *Mature, professional technology with more than 3 years of development time
- *Innovative and reliable product «made in Germany» (except pressure pump)
- *Filtration with a filter capacity to 60 µm
- *Automatic self-cleaning
- *A microcontroller system, suitable for outdoor use, monitors and controls the functions
- *Individually removable sieve elements (no tools required) and free-wheeling functions for easy access to the drum
- *Particularly quiet in operation
- *Quality high-pressure pump for flushing the drum in the scope of delivery
- *Possibilities for connection to the Easy Garden Control System (EGC)
- *Full flexibility for the connection with up to 4x DN 110 inlets
- *Full design freedom with just 11.5 cm installation height above the water level
- *Supplemental sensor detects failure of the feed pump and reports this via display or EGC
- *Flow capacity up to 33 m³/h



OASE Proficlear Premium DF-L (Gravity) EGC	FS195	3380.52
OASE Proficlear Premium DF-L (Pumped) EGC	FS196	3380.52
OASE Proficlear Premium Moving Bed Module	FS197	833.32
OASE Proficlear Premium Individual Module	FS198	833.32

Proficlear Premium /Compact-L Sieve set (x8) 30 micron	FS195A	176.06
Proficlear Premium /Compact-L Sieve set (x8) 60 micron	FS195B	176.06
Proficlear Premium /Compact-L Sieve set (x8) 150 micron	FS195C	176.06

Proficlear Moving Bed Module

- Highly effective decomposition of pollutants and nutrients, thanks to professional filter media and moving bed process (MovingBed)
- Mature, professional technology with more than 3 years of development time
- Innovative and reliable product «made in Germany» (except pressure pump)
- Extremely large, protected settlement surface for microorganisms (806 m²/m³)
- Innovative bypass technology for optimal movement of the Hel-X bio-elements
- Removal of toxins, such as ammonium / ammonia, nitrite and nitrate
- 50 l Hel-X decompose approx. 340 g of fish food per day (can be extended to 75 l / module).
- Aerator bar for oxygen enrichment and turbulence already installed
- Permanent, optimal oxygen supply; self-cleaning effect from dead biomass
- Pulling the slide valve flushes the debris out via a DN 75 discharge



DRUM FILTERS

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Proficlear Premium XL



Based on the highly successful OASE Proficlear Premium L Drum Filter technology, the new Proficlear XL pond filter system can be used to filter ponds up to 530,000 Litres (or 100,000 Litre Koi Ponds). The automated Drum Module has been oversized to remove particles and pollutants even in highly sedimented ponds. The XL Drum module is offered in both pump fed and gravity fed guises

Technical data

Dimensions (L x W x H)	mm	1330 x 875 x 820
Net weight	kg	125.00
Guarantee (* request guarantee)	Years	2 + 1
Number of sieve elements	Units	16
Material		GRP Duroplast/stainless steel
Number of inlets	Units	7
Number of outlets	Units	2
Outlet connections		180 mm
Sludge discharge connections		DN 75
Min. flow rate	l/h	25000
Max. flow rate	l/h	66000
Connection to	Bitron Premium, ProfiCl. Prem. XL discharge module grav., Proficlear Premium XL Moving Bed	
Installation height above water level	cm	13.5
Type of use		Gravity fed system
Other		Pollutant discharge incl. slide valve
Item number		73363
EAN		4010052733630

*Modern modular filter system for professional water quality where space is at a minimum

*Outstanding filter capacity with intelligent control functions

*Intelligent self-cleaning function for unique maintenance-free operation (drum filter module)

*Conveniently control all settings via an app with the Easy Garden Control System (EGC); existing systems can be upgraded using the separately available upgrade kit

*Excellent decomposition rates of ammonium, ammonia, nitrite and nitrate

*Mature, professional technology with more than three years of development time

*Innovative and reliable product "Made in Germany" (except pressure pump)



COMPLETE MODULAR SYSTEM:-

*Largest filter dimension for ponds up to 530 m³ (100 m³ for koi ponds)

*XL Moving Beds for even higher levels of pollutant degradation

*Size-optimised pump chambers - suitable for AquaMax Eco Titanium and Expert filter pumps as well as the new Bitron Premium series

Proficlear Premium XL pump-fed EGC	FS500	5,294.53
Proficlear Premium XL gravity EGC	FS501	5,294.53
Proficlear Premium XL Moving Bed	FS502	1,724.13
ProfiCl. Prem. XL discharge module grav.	FS503	1,609.18
ProfiCl. Prem. XL discharge module pump	FS504	1,609.18
Pump chamber XL Individual (undrilled chamber)	FS505	778.92

DRUM FILTERS

Pro-line Expert Drum Filters

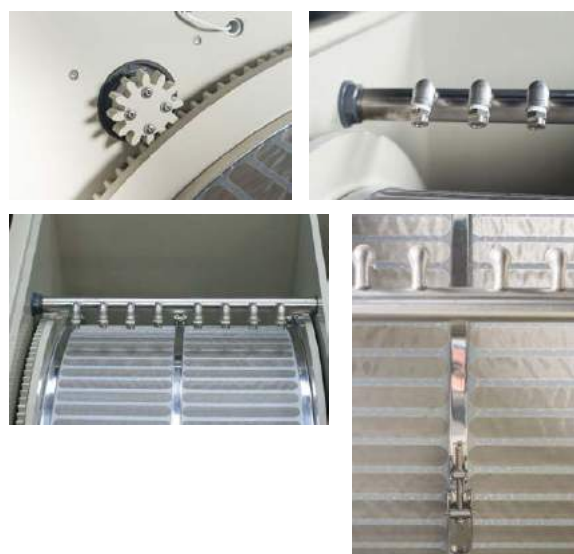
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Pro-Line Expert Drum 25	FS1989	3074.12
Pro-Line Expert Drum 50	FS1991	3747.06
Pro-Line Expert Drum 100	FS1992	5477.21

The Pro-line Expert filters are developed for the use in aquaculture and industrial applications. The first Pro-line Expert filters have been in operation since 2007 and have proven to be very reliable.

- Complete filter body made out of 12mm thick material (25, 50 and 100m³/hr model)
- Bottom weld is an extrusion weld which is much stronger as an ordinary weld
- Very compact
- Very large volume for bio carrier which makes it perfectly suited for highly stocked ponds (combi filters)
- Control box can be mounted up to 4m from the filter (longer cable lengths on request)
- Gear driven, no drive shafts with seals below the water level (prone to leak)
- 24V drive system, suitable for swimming ponds (25, 50 and 100m³/hr model)
- High quality control box

Drum filters made out of Polypropylene. These filters are delivered with an extensive control box, cover and rinse pump. Available with a maximum flow of 350m³/hr.



One of the highest build quality and toughest drum filters available!

	PRO-line Expert Drum-25	PRO-line Expert Drum-50	PRO-line Expert Drum-100
Maximum flow m³/hr (10 mg/l ss*)	25	50	100
Maximum flow m³/hr (25 mg/l ss**)	10	20	40
Maximum water level (cm)	50,5	77,3	77,3
Dimensions LxWxH (cm)	80,2 x 64,4 x 66,4	80,2 x 94,6 x 92,4	121,8 x 94,6 x 92,4

*10 mg/l dissolved solids correspond with an average pond

**25 mg/l dissolved solids correspond an average aquaculture system

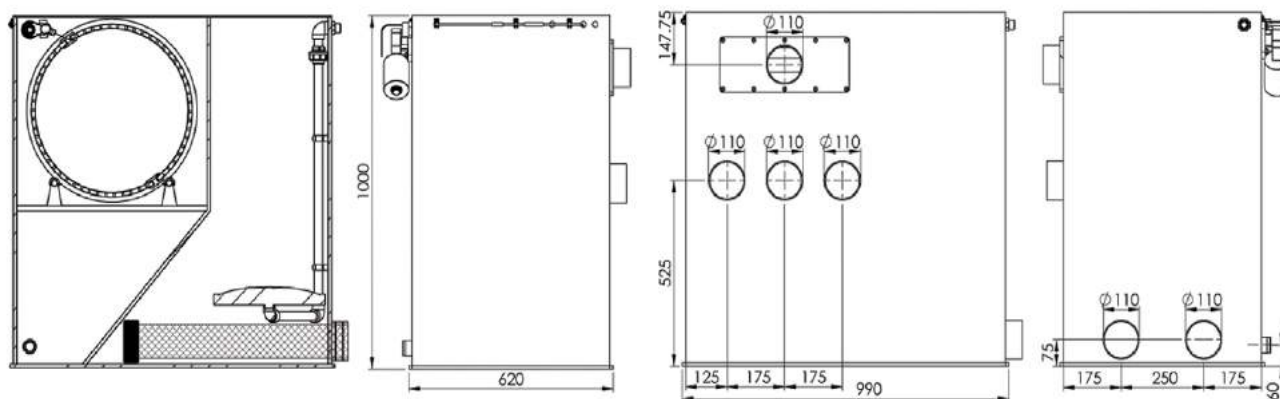
COMBINATION FILTERS

Aquaforte - PRIME - Combi Drum

F

**AQUA
FORTE**
PROFESSIONAL POND PRODUCTS

NEW



NEW- The “Drum filter” part is identical to the AquaForte Prime Drumfilter XL. The bio chamber has a volume of over 200 liters and is suitable for at least 100 liters of media/biorings (such as KNS, Helix, Kaldness K1 etc. (Because of the slots in the returns, the bio chamber is not suitable for really small media like Eco Pondchips))

Bio media is not included.

*Bio chamber is equipped with large membrane aerator and piping for air pump connection. Max. flow $\pm 30\text{m}^3/\text{h}$.

*The perfect combination for mechanical & biological filtration in one housing. Very compact size for a total filter system, fits on 1 pallet!

AQUAFORTE PRIME COMBI-DRUM Filter NEW	FS600	3500.00
Clear lid for PRIME COMBI-DRUM Filter	FS601	142.33

COMBINATION FILTERS

NEW!

FILTREAU™

COMBI-2

M

GREAT PRICE!



DIMENSIONS:

71 x 101 x 55 cm
(L x W x H)

The Filtreau Combi-2 is a low-maintenance filter system that provides healthy, clear water, without the user having to perform daily maintenance.

The drumfilter, combined with the 140L bio-chamber, makes the filter suitable for (koi-)ponds up to as much as 20.000L! The combi-filter can be ordered in two different versions. Version 1 is with the moving-bed chamber and version 2 is with the Japanese mats.

The system is fitted as standard with 2 inlets (110mm) and 1 outlet (110mm). A water flow of max. 15m³/h can be achieved with this system!

The very compact design, combined with the in/outlets at the front will ensure you that it can be installed in the most narrow places.

Also when you thinking about a change to the other version after a while, you simply order the Version1 or Version2 re-build kit. In 2 minutes you will change your Version1 to Version2, or the other way around.

This all makes the new filter unique!

2 VERSIONS:



Filtreau Combi-2 Filter (inc UV and internal rinse pump)	FS420INT	2226.00
Filtreau Combi-2 Filter (inc UV)	FS420	1862.00

COMBINATION FILTERS

FILTREAU™

COMBI NEXT

M



DIMENSIONS:

93 x 104 x 102 cm
(L x W x H)

The Filtreau Combi NEXT is a low-maintenance filter system that provides healthy, clear water, without the user having to perform daily maintenance.

The drum filter, combined with the 350L moving-bed bio-chamber and the 40W UVC Amalgam module, makes the filter suitable for (koi-) ponds up to as much as 45,000L!

The system is fitted as standard with 3 inlets (110mm) and 2 outlets (110mm). A water flow of more than 30m³/h can be achieved with this system!

The in/outlets are all at the front, so even in existed situations can this filter easily be added.

Filtreau "NEXT" Combi Filter (GRAVITY FED)	FS411	2226.00
Filtreau "NEXT" Combi Filter (inc internal pump)	FS411INT	2506.00
Filtreau "NEXT" Combi Filter (PUMP FED)	FS411IP	2310.00

discount - M

Control box complete for Filtreau Drum filter	FS399	181.03
TIP Pressure cleaning pump for Filtreau Drum Filter	FS1987	156.90
Filtreau Replacement Motor and gearbox	FS401	77.90
Filtreau Spare screen for drum (Standard)	FS402	60.34
Filtreau Spare screen for drum (Hi Flow)	FS403	60.34
Filtreau Float switch complete	FS404	32.53

discount - G

COMBINATION FILTERS

FILTREAU™

COMBI PF20

G



Filtreau Pump fed Combi-Filter PF20

FS406

1961.21

Superdrum Combi Bio 30

G

Superdrum Combi Bio 30

FS1990

3362.07

The Combi Bio 30 consumes very little energy, has compact dimensions, is made with premium materials and works fully automatically. De Combi Bio 30 can be entirely buried and can be used with pump-fed applications. UV lamps can easily be fitted in the casing. The Combi Bio has a 3x 110 inlet and 1x 110 outlet, allowing the connection of two bottom drains and a skimmer. The Combi Bio 30 comes with a cover, rinsing pump and control electronics. **UV and biological media equipment is sold separately.**

Specifications:

Input: 3x 110 mm

Output: 1x 110mm, 1x 32mm rinsing pump connector

Material: PP

Bio chamber: 110 litres

Filter element mesh size: 60 microns

Spray nozzles: removable

Dimensions: 990 x 930 x 770 mm

Max flow: 20m3/hour

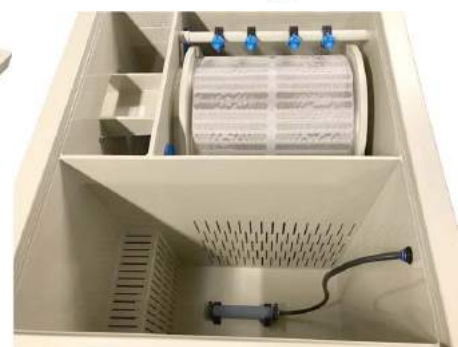
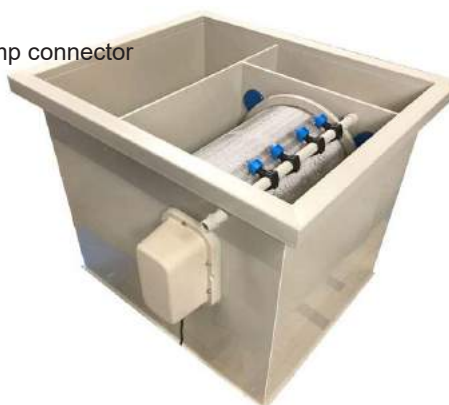
Koi pond: 30m3

Swimming pond: 60m3

Drum dimensions: 380 x 400 mm

Incl water level protection device

CHECK PRICING!!



COMBINATION FILTERS

Superdrum Combi Bio 50 / 100 / 200

G

Superdrum Combi Bio 30	FS1990	3362.07
Superdrum Combi Bio 50	FS1996	4146.55
Superdrum Combi Bio 100	FS1997	5155.17
Superdrum Combi Bio 200	FS1998	6948.28

CHECK PRICING!!

SuperDrum Combi Bio 50:

3x 110 inlet

2x 110 outlet

Dimensions: 1940x686x947 mm

Max flow = 30m³/hr

Moving Bed: 320 Liter (not included)

SuperDrum Combi Bio 100:

1940x836x973

4x 110mm inlet

2x 110 outlet

Max flow = 50m³/hr

Moving Bed: 420 Liter (not included)

SuperDrum Combi Bio 200:

2380x840x980

8x 110mm inlet

3x 110mm outlet

moving Bed: 420 Liter (not included)

All models incl. Flushing pump Oase.



CHECK PRICING!!

COMBINATION FILTERS

Pro-line Expert Combi Filters

B

One of the highest build quality and toughest complete drum and bed filters available!



Expert Combi-25

Pro-line Expert Combi 25	FS095	4228.82
Pro-line Expert Combi 50	FS096	5381.62
Pro-line Expert Combi 100	FS097	7977.79



- Complete filter body made out of 12mm thick material (25, 50 and 100m³/hr model)
- Bottom weld is an extrusion weld which is much stronger as an ordinary weld
- Very compact
- Very large volume for bio carrier which makes it perfectly suited for highly stocked ponds (combi filters)
- Control box can be mounted up to 4m from the filter (longer cable lengths on request)
- Gear driven, no drive shafts with seals below the water level (prone to leak)
- 24V drive system, suitable for swimming ponds (25, 50 and 100m³/hr model)
- High quality control box

	Pro-Line Expert 25	Pro-Line Expert 50
Maximum flow m ³ /hr (10 mg/l ss*)	25	50
Maximum flow m ³ /hr (25 mg/l ss**)	10	20
Recommended air flow	100 l/min	300 l/min
Effective bio chamber volume	290 litres	860 litres
Maximum food capacity (Kaldness)	0,85 kg/day	2,5 kg/day
Maximum food capacity (Biochip)***	4,2 kg/day	12,6 kg/day
Dimensions LxWxH (cm)	190 x 71 x 77	235 x 98 x 94

*10 mg/l dissolved solids correspond with an average pond

**25 mg/l dissolved solids correspond an average aquaculture system

*** When Biochip is used the maximum flow is 25% of the rated flow @ 10mg/l ss

COMBINATION FILTERS

OASE - ProfiClear Premium Compact

D



ProfiClear Compact-M pumped EGC

Coarse debris extraction	µm	80
Biological filter surface	m²	38.2
Max. flow rate	l/h	12500
Suitable for ponds up to max.	m³	80
Type of use	Pump fed system	

ProfiClear Compact-M gravity EGC

Coarse debris extraction	µm	80
Biological filter surface	m²	38.2
Max. flow rate	l/h	16500
Suitable for ponds up to max.	m³	88
Type of use	Gravity fed system	

ProfiClear Compact-L gravity EGC

Coarse debris extraction	µm	60
Biological filter surface	m²	57.3
Max. flow rate	l/h	25000
Suitable for ponds up to max.	m³	140
Type of use	Gravity fed system	

ProfiClear Compact-L gravity EGC

Coarse debris extraction	µm	60
Biological filter surface	m²	57.3
Max. flow rate	l/h	20000
Suitable for ponds up to max.	m³	120
Type of use	Pump fed system	

Features:

- Compact and self-cleaning drum filter units available in both pump and gravity fed versions
- Premium drum filter and moving bed biological filter
- High separating capacity through deep bed filtration down to 60 microns.
- New Hel-X 13 media with significantly enlarged surface area for effective decomposition of pollutants
- New pump chamber for combination with Bitron UV Clarifiers
- ProfiClear Premium Compact-L EGC - Pump Fed

-Using technology from the highly successful and popular ProfiClear Premium automated Drum Filter and Moving Bed Biological Filter, OASE Germany have packed all the same great features into one easy to maintain box. This unit is ideal for Koi ponds of up to 30,000 litres (6,600 gallons), goldfish ponds of up to 60,000 litres (13,200 gallons) and nature ponds of up to 120,000 litres (26,396 gallons).

The self-cleaning drum technology can remove solids down to as little as 60 microns (60 thousandths of a millimetre) that's around half the thickness of a human hair. It then flushes the waste away using a small amount of pond water. The moving bed filter contains the new Hel-X 13 media that have a significantly enlarged surface area. This aids in the growth of beneficial bacteria and increases the rate at which they can remove harmful ammonia, nitrite and other pollutants. A powerful air pump is needed to make the media move and create the "fluidised bed."

OASE ProfiClear Premium Compact-M (Gravity)	FS1981	2184.07
OASE ProfiClear Premium Compact-M (Pumped)	FS1982	2184.07
OASE ProfiClear Premium Compact-L (Pumped)	FS1983	3821.08
OASE ProfiClear Premium Compact-L (Gravity)	FS1984G	3821.08

BEAD FILTRATION

Econobead filters

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Product	Size D x h	Pump Capacity	Max Pond	IN / OUT
EconoBead 40 (2800galls) 22kg Beads	40 x 68cm	1100gph	2800gals	1.5"
EconoBead 50 (4700galls) 40kg Beads	50 x 75cm	2000gph	4700gals	1.5"
EconoBead 60 (8400galls) 65kg Beads	60 x 85cm	3000gph	8400gals	1.5"
EconoBead 100 (12,000 galls)	75 x 113cm	5500gph	12000gals	2"
EconoBead 140 (20,000 galls)	90 x 126cm	5500gph	20000gals	2"
Low pressure bypass kit for EB 40-50-60 Filters	*****	*****	*****	50mm
Low pressure bypass kit for EB 100-140 Filters	*****	*****	*****	63mm



EconoBead®
The only purpose built compact bead filter available

The economical answer to imitation filters, made by Beadfilter experts! The EconoBead Beadfilters have a strong quality polypropylene vessel and come equipped with: a bottom drain to remove the sludge from the bottom, 6-way valve, transparent lid, beads, and a very reliable blower! (also equipped with a silencer). The EconoBead series is available in 5 sizes for ponds from ±10.000 to ±100.000 litre. Supplied with a large lid for easy access.

**EB-60 with
2" multiport valve
& 63mm pipe work**

EconoBead 40 (2800galls) 22kg Beads	FS082	709.80
EconoBead 50 (4700galls) 40kg Beads	FS083	828.78
EconoBead 60 (8200galls) 65kg Beads	FS084	947.76
EconoBead 60 (9000galls) 65kg Beads (2" connections)	FS084b	1339.35
EconoBead 100 (12000 galls)	FS085	1268.81
EconoBead 140 (20000 galls)	FS086	1660.63
Low pressure bypass kit for EB 40-50-60 Filters	FS087	102.97
Low pressure bypass kit for EB 100-140 Filters	FS191	123.09
Spare Blower for EB and UB Bead Filters	FS088	110.46
Replacement Multiport Valve for EB Filters 40/50/60	FS192	168.96
Spare O Ring EconoBead Lid	FS089	9.68
Bleed Valve Complete EconoBead for Lid	FS090	2.07
Transparent Lid for EB Bead Lid	FS102	36.45
Pressure gauge for EB filters	FS1021	12.80
25kg Replacement Beads	FS999	95.69



Installing this bypass allows the use of more economical pumps. Due to a very compact bypass-system, the multi-way valve is completely unused during filtering as the water flows directly into the filter and also leaves the filter in a direct line. This action results in at least 30% less pressure loss (depending on the type of pump). The bypass system is very easy to install on all EconoBead models, using the unions supplied.

BEAD FILTRATION

Econobead complete systems

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Unique on the European pond market: complete **"PLUG & PLAY"** filter installation installed on a polymer pallet. The perfect solution for installers and DIYers! Install a complete filter system in 15 minutes!

The system consists of:

- EconoBead Beadfilter with by-pass,
- MidiSieve (standard or extra high),
- 40 or 75 watt Power UV T5,
- AquaForte DM-13000, DM-15000 pump or Blue-Eco 320w (NEW!!)

It only needs 3 connections to the pond system: inlet from bottomdrain/skimmer (110mm), return to pond (63mm) and waste outlet m(50mm). Pallet size: 100 x 120 cm. The sets are fully mounted with all fittings, pipework, checkvalve and includes the polymer pallet!

EB 50 CompleteSystem(sieve pump UVC EB50)	FS103	3195.11
EB 60 CompleteSystem(sieve pump UVC EB60)	FS1031	3590.01
EB 60 CompleteSystem(sieve BLUE-ECO UVC EB60)	FS1032	4372.17

Bead	Pre-filter	Pump	UVC
EB-50	MidiSieve	DM-13000	40 watt Power UV T5 ±20m³
EB-60	MidiSieve Extra High	DM-15000	75 watt Power UV T5 ±36m³
EB-60	MidiSieve Extra High	Blue-Eco 320	75 watt Power UV T5 ±36m³



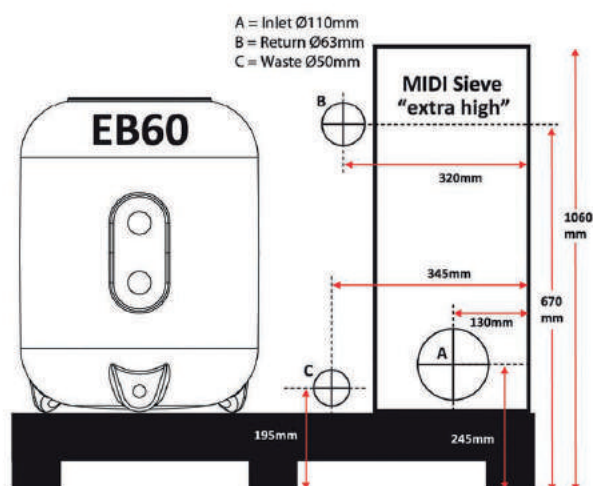
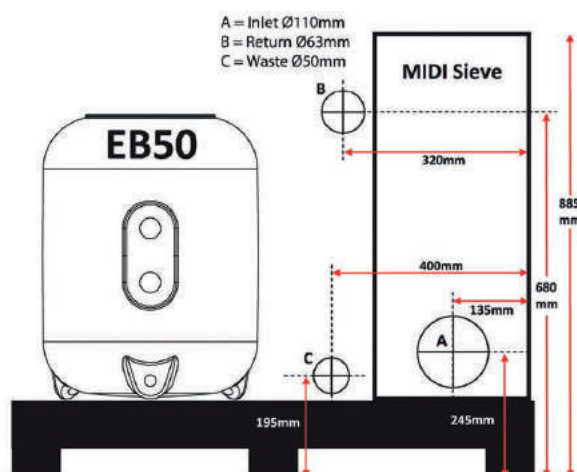
**EB-50 system with
DM-13000**



**EB-60 system with
DM-15000**



**EB-60 system with
Blue Eco 320**



BEAD FILTRATION

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UltraBead 60 (8000 gallons) 65kg Beads (inc bypass)	FS077	1237.76
UltraBead 100 (12000 gallons) 100kg Beads (inc bypass)	FS078	1724.98
UltraBead 140 (20000 gallons) 165kg Beads (inc bypass)	FS079	2366.05
Replacement Multiport Valve for UB Filters	FS193	458.39
Spider Seal for UB Bead Filter	FS091	36.71
Transparent Lid for UB Bead Lid	FS100	128.79
Spare O Ring UB Filter Lid	FS101	9.47
Low pressure bypass kit for UB Filters	FS080	216.05
Ultra tronic Auto Backwash valve for EB and UB	FS1022	1614.41



AquaForte introduce the new UltraBead filters! After more than 17 years of success, Europe's most popular beadfilter is followed up by a new generation. The new UltraBead filters are manufactured of chemical-resistant, weather resistant, inalterable thermoplastic with the world's most reliable injection moulding method with built in base. All models are equipped with a totally new designed multiport valve construction with integrated by-pass! This guarantees a maximum flow with minimal pressure loss. Furthermore, the UB140 is fitted with Ø75mm pipework for even less resistance.

Beadfilters are closed (pressure) vessels filled with millions of small plastic beads. These beads float and therefore provide a means of mechanical filtration and the enormous surface of these beads provides the biological filtration.

Mechanical filtration: the beads float in a closed vessel and are packed very close to each other. The pressure of the pump makes the water flow upward through the beads. The small dirt particles will stick to the bead pack. The longer the filter is active, the more bio film there will be around the beads and therefore small particles can be filtered (**down to 10 micron!**).

Biological filtration: the specific surface of the beads is about 1600m² per m³, so the bio film layer around the beads is extremely useful nor nitrifying bacteria that consume vast amounts of ammonia, nitrites and nitrates.

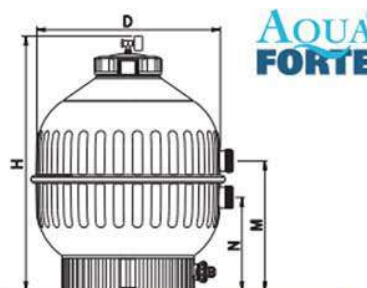
FOR MORE INFORMATION: www.ultrabead.com.

TYPE	MEDIA (BEADS)	MAX. BIOPOOL	MAX. POND SIZE	MAX. FISH LOAD
UB 60	120 ltr	80 m ³	40 m ³	100 kg
UB 100	170 ltr	120 m ³	60 m ³	135 kg
UB 140	255 ltr	200 m ³	100 m ³	200 kg



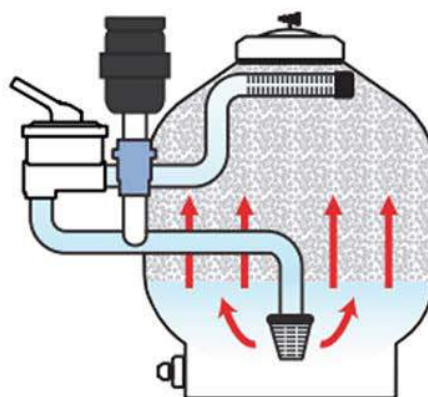
- New injection moulded body
- Standard bypass multiport construction
- Renewed interior

NOW INCLUDES LOW PRESSURE BYPASS KIT



**AQUA
FORTE**

	UB60	UB100	UB140
Ø D (mm)	600	750	900
H (mm)	875	1045	1215
M (mm)	445	575	675
N (mm)	320	345	405
Connections	Ø63mm	Ø63mm	Ø75mm
Max. Flow m ³ /h	18	24	30



BEAD FILTRATION

Micro-Beast

Micro-Beast MB20 E500 (No Media) with 1.5" connections	FS0864	847.73
Micro-Beast MB24 E600 (No Media) with 2" Connections	FS0865	981.82
Micro-Beast MB28 E702 (No Media) with 2" Connections	FS0866	1359.09
K1 Micro Media - 25ltr	FM2288	75.78
K1 Micro Media - 50ltr	FM2289	128.28



Model	Diameter	Media Volume	Maximum Flow rate
MB20	500mm	50ltrs	2250gph
MB24	600mm	100ltrs	3500gph
MB28	700mm	150ltrs	4500gph



Microbeast filters are available in three sizes, MB20, MB24 and MB28. The vessels are precision injection moulded for superior strength and dependability. Pressure rated at 3.5 Bar/50psi/350kPa, considered one of the strongest filters within its class. Designed to cope with the cyclic pressures of the modern day Koi pond, the "Exotuf" filter vessels are precision injection moulded for superior strength and dependability. Granular media / K1 Micro filtration, Multiport valve for ease of use, Pressure rated at 3.5Bar/50psi/350kPa, Corrosion and UV resistant, a 10-year tank warranty and a 1-year warranty on all other components.

The small size of K1 Micro makes it ideal to be used as a replacement for beads in a bead filter. Not only will the vast 950m² per m³ protected surface area maintain a bio-film that helps to improve nitrification, water quality and clarity, but K1 Micro can offer many more benefits:

- *Increased protection for the bio-film-** K1 Micro retains the bio-film within its wheel shaped structure.
- *Improved solids handling-** A static bed of K1 Micro packs tightly together with areas for solid particles and fines to be captured, helping to reduce TDS levels.
- *Increased flow rate-** K1 Micro allows enough water to flow evenly through media rather than tracking around a "clump" of beads. This means that flow rates are improved when using "like for like" pumps.
- *Reduced back pressure-** The improved flow also reduces the back pressure or resistance inflicted on the pump. In turn this improves the pumps' efficiency and may even result in the need for a lower rated pump which will ultimately save you money!
- *Improved cleaning-** During a cleaning process, the bio-film remains protected within the K1 Micro.
- *Semi buoyant media-** The Media is a semi buoyant media which makes it ideal for a bead filter.

BEAD FILTRATION

Superbead

The SuperBead combines fine mechanical filtration with biological filtration. The SuperBead is used for koi and swimming ponds, as well as swimming pools. The filter features a different rinsing process than ordinary Beadfilter systems and sand filters.

Benefits:

- suitable for use in energy efficient pumps
- easy to use • no additional air blower (wear and tear, maintenance and sensitive to moisture/water)
- excellent biological filtration
- less energy consumption
- easy to automate

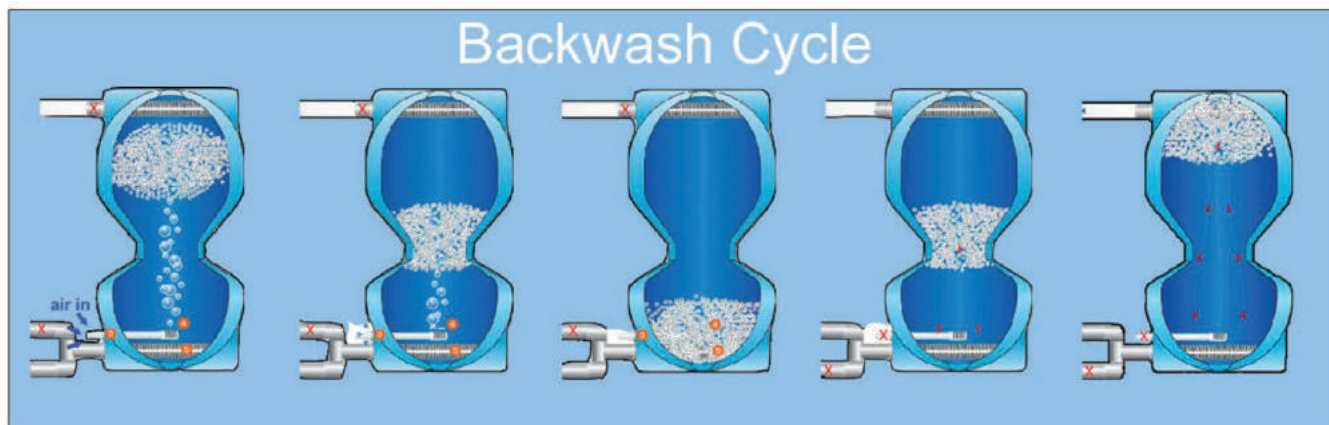
Brief description of the filtration process:

- The coarsely pre-filtered water is pumped into the filter,
- The beads float into a "Static" bed at the top,
- The beads strain out fine dirt down to 20 microns in size,
- The biological filtration occurs on the surface of the beads
- The trapped dirt is regularly removed by backwashing the filter
- Backwashing can be easily automated

The SuperBead's hourglass shape ensures:

- *a steady flow of water through the filter
- *excellent distribution of water over the filter bed
- *an extremely effective backwash process
- *the prevention of dead corners

The unique design of the Superbead filter allows the backwash cycle to operate with no reversed flows or additional air blowers to agitate the beads. The whole backwash cycle and bead movement is performed using gravity only (no power used at all) and is very effective.



The backwash cycle-

1- The main pump is switched off, waste valve opened and the water begins to drain out causing a vacuum and sucking air in.

2- After 4-5 mins all of the water has drained out leaving the bead media surrounded by air/oxygen which is capable of keeping the filter bacteria alive for up to 30hrs.

3- Once the superbead has completely drained of water and debris the waste valve is closed and the main pump is switched on to resume filtration.

Automating the SuperBead's rinsing process is one of the best ways of ensuring high water quality. The filter in that case is fully automatically rinsed, for example every day. This means that any dirt is automatically removed each day. The automatic set comes with a 2x 220V plug. The system pump is connected such that the pump stops during rinsing. If desired, a waste water pump can be connected that is activated during the rinsing process and suctions the water from the SuperBead and pumps it to the sewer.

Small Superbead Filter 4000 gallons	FS093	933.38
Large Superbead Filter 8000 gallons	FS094	1444.82
Auto backwash kit for Large Superbead	FS0942	754.69



Nexus EAZY +

1

The Nexus+ filter is an innovative biological and mechanical filter system in one. Water from the pond enters the Nexus+ via the inlet into the inner chamber which works as a vortex allowing larger solids to settle out. The water then passes through Eazy filter, where finer particles are removed at the mechanical stage of filtration, thanks to the static bed of K1 Micro filter media.



nexus220+



nexus320+

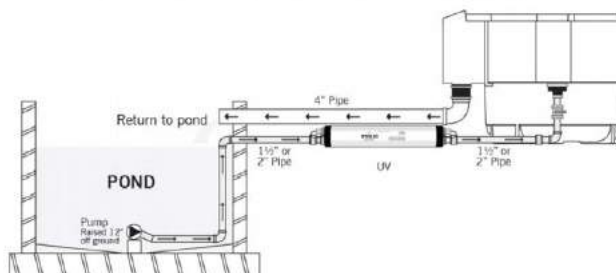
The mechanically clean water then passes to the outside chamber of the Nexus+ where the new K+Media Moving Bed is located for biological treatment prior to being returned to the pond. At this stage, biological breakdown occurs through different strains of bacteria and filter feeders living on the vast protected surface area of each piece of the K+Media. These bacteria convert Ammonia and Nitrite into less harmful Nitrate. Water then passes through the exit grill into the outlet, returning back to the pond.

Installing the Nexus+

The Nexus+ MUST be installed on a solid, level base, a minimum of 1.2 metres x 1 metre. Failure to do this will cause irreparable damage to the filter and will therefore invalidate your warranty.

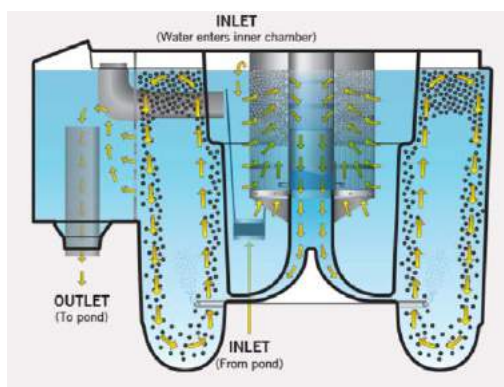
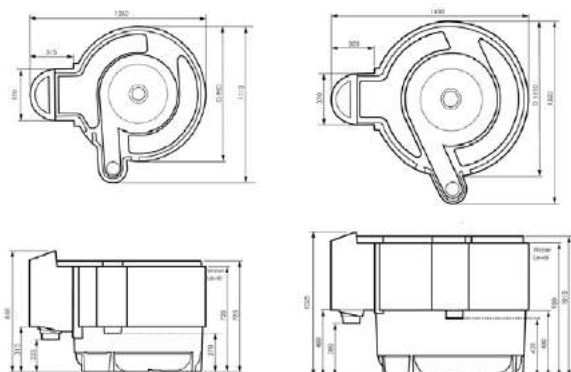
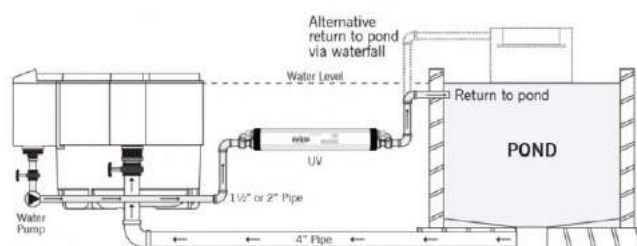
PUMP-FED INSTALLATIONS

By this we mean that if your pump is going to be used to supply the water to the filter, and the filtered water then returns back into your pond via gravity, i.e. down a waterfall, or through a large diameter pipe, this is referred to as PUMP FED (i.e. the water is fed to the filter using a pump).



GRAVITY-FED INSTALLATIONS

By this we mean that your pump is going to be used to return the filtered water to the pond and therefore your filter will be supplied by gravity via a larger diameter pipe. In this situation the water level in the filter will be at the same level as the pond.



NEXUS EAZY 320+	FS300	1300.89
NEXUS EAZY 220+	FS301	1099.99
Lid for NEXUS 310 / 300	FS302	163.57
Lid for NEXUS 210 / 200	FS303	163.57

Nexus Automatic system

D

All new Nexus Automatic System-

Continuing Evolution Aqua's long standing reputation for innovation, the Nexus Automatic System now enables Nexus owners to benefit from a fully automated cleaning cycle on their multi award winning Nexus filtration systems. Physically turning ball valves and manually switching pumps on and off will now be a thing of the past thanks to the Nexus Automatic System. All of the key processes that form the cleaning cycle are now controlled automatically with this easy to install kit.

Key Features-

- Hassle free way to clean Nexus filtration systems
- Automates the cleaning process of the Nexus
- Easily fits onto Nexus filters (post 2006 models)
- Electronic control box automatically operates valves and pumps
- Adjustable timer controls the frequency of the automatic cleaning cycle to suit the user's needs
- Easy to set up for multiple cleaning cycles
- Manual cleaning cycle can be carried out if needed, at the touch of a button
- GRAVITY and PUMP FED versions available

Automatic Cleaning Process-

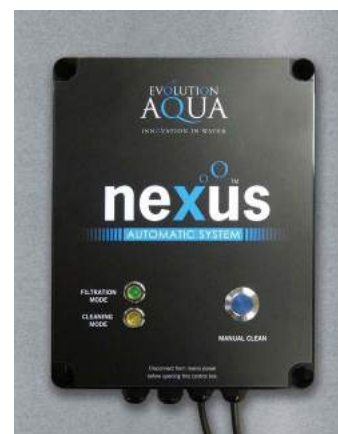
The Nexus Automatic System will control the cleaning cycle fully automatically. Cleaning is done on a timer, which is factory set to clean once every 3 days, however, this is easily adjustable to fit in with your pond requirements. The Nexus Automatic System will run a cleaning cycle which lasts approximately 10 minutes.

Nexus Automatic Gravity Fed cleaning cycle:

- Adjustable timer kicks in to start a cleaning cycle.
- Control box automatically switches circulating pump off.
- The water level in the Nexus equalises.
- Inlet valve closes whilst at the same time air is diverted from the outer bio chamber to the EAZY to clean the K1 Micro.
- After K1 Micro has been cleaned, the waste valve opens.
- Eazy is drained to waste and inlet valve opens for a final flush of the EAZY.
- The waste valve closes.
- Air is diverted back from the EAZY to the bio chamber.
- Circulating pump is switched back on.
- Nexus returns to filtration mode.

Nexus Automatic Pump Fed cleaning cycle:

- Adjustable timer kicks in to start a cleaning cycle.
- Control box automatically switches circulating pump off.
- The water level in the Nexus equalises
- Air is diverted from the outer bio-chamber to the Eazy to clean the media.
- After the media inside the Eazy has been cleaned, the automated waste valve opens.
- Eazy is drained to waste.
- The automated waste valve closes.
- Air is diverted back from the Eazy to the bio-chamber.
- Circulating pump is switched back on.
- Nexus returns to filtration mode.



NEXUS AUTOMATIC SYSTEM (gravity 300 body)	FS304	657.38
NEXUS AUTOMATIC SYSTEM (gravity 200 body)	FS305	657.38
NEXUS AUTOMATIC SYSTEM for pump fed	FS306	547.80



Eazy POD

J

EVOLUTION
AQUA
INNOVATION IN WATER



eazypod™



eazypod™
complete



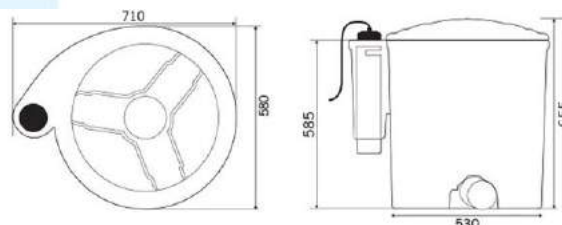
eazypodair™

Max. Pond Size with ornamental fish	20,000 Litres 4,400 UK Gallons 5,333 US Gallons	10,000 Litres 2,200 UK Gallons 2,640 US Gallons
Max. Pond Size with Koi	10,000 Litres 2,200 UK Gallons 2,640 US Gallons	10,000 Litres 2,200 UK Gallons 2,640 US Gallons
Max. Feed Rate	100g - 125g per day	100g - 125g per day
Volume of water in filter	80 Litres 18 UK Gallons 21 US Gallons	80 Litres 18 UK Gallons 21 US Gallons
Max Flow Rate	10,000 Litres 2,200 UK Gallons 2,640 US Gallons	10,000 Litres 2,200 UK Gallons 2,640 US Gallons
Recommended AirPump	AirPump70 (Only Supplied with EazyPodAir models)	AirPump70 (Supplied)
UV-C	x	18 Watt PL-L

A compact member of the Nexus family, the EazyPod is a mechanical and biological filter system for garden ponds up to 20,000 litres or Koi ponds up to 10,000 litres. The EazyPod utilises static K1 Micro, which provides enhanced biological benefits, even when using the EazyPod solely as a mechanical waste filter. The EazyPod is available in grey or green colours and also can be supplied as an EazyPodAir, with an Air Pump 70.

- Mechanical and biological filtration.
- Very easy to install and operate.
- Quick and easy cleaning cycle.
- Works equally well pump or gravity fed.
- Ideal as a filter on a quarantine system.
- Also ideal for use as a pre-filter, polisher or on a skimmer line.

The EazyPod Automatic is a self-cleaning, mechanical and biological filter system for garden ponds up to 10,000 litres. The integrated control box contains an adjustable timer which initiates a cleaning cycle automatically - meaning your filter will clean itself even when you're not there!



Inside the control box, the electronic connector blocks control the automated waste valve, along with your choice of circulating pump (not supplied). It even houses an integral air pump which kicks in automatically to clean the K1 Micro media.

eazypod™
AUTOMATIC

Eazy Pod	FS315	552.44
Eazy Pod Air (inc Air pump kit)	FS316	712.04
Eazy Pod Complete (inc airpump kit + 18w UVC)	FS317	777.53
Eazy Pod Automatic	FS318	861.98
Eazy Pod UV Automatic	FS319	930.02
Eazy Pod - Green	FS320	552.44
Eazy Pod Air (inc Air pump kit)- Green	FS321	712.04
Eazy Pod Complete (inc Air pump / UVC)- Green	FS322	777.53
Eazy Pod Automatic- Green	FS323	861.98
Eazy Pod UV Automatic - Green	FS324	930.02



NEXUS & EAZY POD

Nexus accessories

D

Evolution Aqua have now made it possible to upgrade Nexus filtration systems to incorporate some of the new and improved features that can be found on the current Nexus models. To help you choose which upgrade kit is compatible with your Nexus please read the following information below. Our most popular upgrade kit allows you to upgrade the EAZY in a Nexus 200 / 210 or 300 / 310 filter manufactured between 2006 and 2014 to a new EAZY with K1 Micro. This upgrade kit is called the EAZY Type 3 Upgrade Kit. ***It is no longer possible to purchase an Eazy Upgrade Kit for Nexus 200 or 300 manufactured before 2006.***

Nexus Waste pipe kit	FS307	18.94
Eazy Clear Plastic Lid	FS308	27.28
Eazy Upgrade Kit for Nexus 320 (Post 2006)	FS309	442.91
Eazy Upgrade Kit for Nexus 220 (Post 2006)	FS310	379.63

EVOLUTION
AQUA
INNOVATION IN WATER



BOX FILTERS

Yamitsu - Platinum Filters

F



*** Suitable for goldfish ponds to 30000 litres or 15000 litre koi ponds**

*** Comes with: 3 x foam layers 1 x White filter wadding, 1 x blue matting, 1 x carbon impregnated foam and Kintama biological media.**

*** UV can be included or added later.**



Yamitsu Platinum 8000 Box Filter (GRP)	FS520	155.33
Yamitsu Platinum 8000 Box Filter (GRP) inc UVC	FS521	240.86
Yamitsu Platinum 14000 Box Filter (GRP)	FS522	290.21
Yamitsu Platinum 14000 Box Filter (GRP) inc UVC	FS523	401.29
Yamitsu Platinum 20000 Box Filter (GRP)	FS524	353.19
Yamitsu Platinum 20000 Box Filter (GRP) inc UVC	FS525	464.28
Yamitsu Platinum 26000 - 30000 Box Filter (GRP)	FS526	439.43
Yamitsu Platinum 26000 - 30000 Box Filter (GRP) inc UVC	FS527	610.33

BOX FILTERS

Aquaforte Box filters

G

AquaForte introduce competitive priced filter with 36watt UV-C lamp (PL lamp). Filter comes with filtermaterial (biorings and filter foam) and fittings.

Inlet: hosetail 20/25/32/40. Outlet: 75mm.

Max. pond size without fish load: 25m³ (25.000), 18m³ (18.000) 12m³ (12.000).

Max. pond size with fish load: 10m³ (25.000), 7,5m³ (18.000) 5m³ (12.000).



Model 12000



Model 18000/25000

AquaForte Box 18000ltr Filter with 36W UVC	FS147	326.45	65 x 46 x 46 cm	18m ³	7,5m ³ /h	36 watt
AquaForte Box 25000ltr Filter with 36W UVC	FS1471	428.04	79 x 53 x 51 cm	25m ³	10m ³ /h	36 watt

Aquaforte pressure filters

D



**AQUA
FORTE**
PROFESSIONAL POND PRODUCTS

Advantages:

- *Suitable for ponds without koi from 4m³ to 15m³ in size
- *Provided with backwash function for easy cleaning
- *Comes with hositails 20/25/32/40 mm
- *Handle on the top for cleaning with clean and dry hands

Type	Size Ø x H	Max. pond	Max. flow
CBF-4000 (9 watt UV-C)	28 x 42 cm	4 m ³	2 m ³ /h
CBF-8000 (11 watt UV-C)	34 x 53 cm	8 m ³	4 m ³ /h
CBF-12000 (24 watt UV-C)	41 x 51 cm	12 m ³	6 m ³ /h
CBF-15000 (36 watt UV-C)	41 x 61 cm	15 m ³	8 m ³ /h

Aquaforte CBF-4000 (inc 9w PL UV)	FS2008	121.35
Aquaforte CBF-8000 (inc 11w PL UV)	FS2009	174.06
Aquaforte CPF-12000 (inc 24w PL UV)	FS2010	247.61
Aquaforte CPF-15000 (inc 36w PL UV)	FS2011	279.48

BIOLOGICAL FILTRATION

OASE Filtomatic CWS

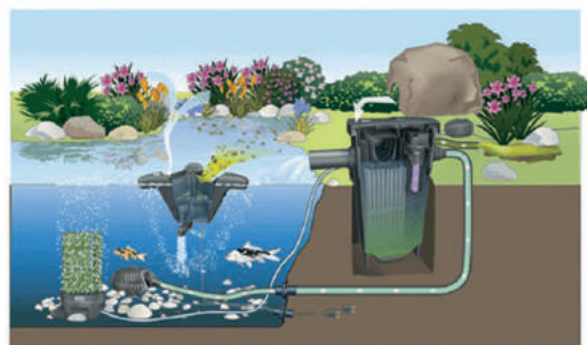
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The Oase Filtomatic CWS

self-cleans as it automatically monitors virtually all of the loads that can upset the balance in the pond, leaving you with a clean and healthy pond environment all year round.

The control unit will activate the UVC Clarifier either manually or automatically and the filter will be cleansed via the sludge pump within the filter itself.

The Filtomatic Range consists of 3 different filter sizes, which are available for the appropriate pond volume in litres with fish stock.



Oase Filtomatic	7000	14000	25000
Dimensions in mm (L x W x H)	400 x 400 x 520	380 x 380 x 720	380 x 580 x 720
UVC/power consumption (watt)	11 W	24 W	24 W
Pump Max Flow Rate - (l/h)	4000	6000	8000
Inlet	1.5 inch	1.5 inch	1.5 inch
Outlet in mm	70mm	70mm	70mm
Sludge Discharge in mm	40	40	40
No. of Filter Sponges	3	3	6
Suitable for ponds with fish max - No Koi	3000	7000	12500
Suitable for ponds with Koi max.		3500	6500
Suitable for ponds max.	7000lts	14000lts	25000lts

Oase Filtomatic 7000 CWS	FS136	578.85
Oase Filtomatic 14000 CWS	FS137	609.04
Oase Filtomatic 25000 CWS	FS1371	736.90



Oase
LIVING WATER

BIOLOGICAL FILTRATION

OASE - filtoclear

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The Oase Filtoclear

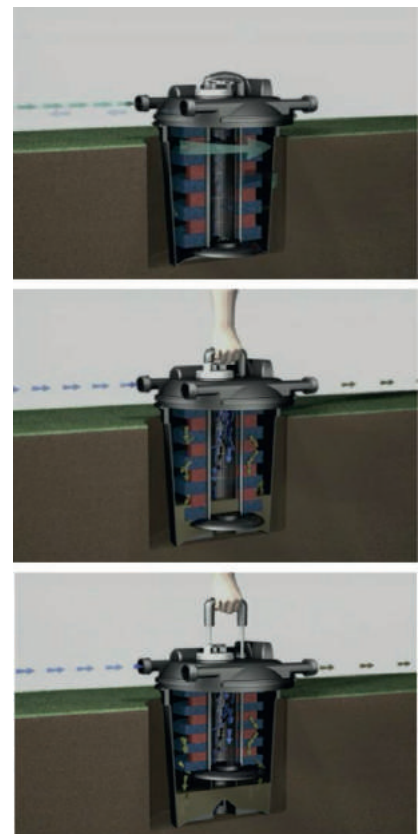
pressurised pond filter range of filters have a valve that allows you to flush the filter clean without taking it apart and there is a handle that lets you squash the foam filters to remove more of the sludge.

*Filtoclear units have an integrated UVC



- Innovative, effective pressure filter range with integrated UVC
- Extremely user-friendly thanks to “Easy-Clean-Technology”
- Sealed pressure container – thus the filters can be almost completely buried in the ground and can supply higher-elevation watercourses
- Polluted water is pumped into a sealed, enclosed system, where a working pressure of 5 m head height can be built up

Oase Filtoclear 3000	FS211	289.73
Oase Filtoclear 6000	FS201	352.82
Oase Filtoclear 12000	FS138	446.04
Oase Filtoclear 16000	FS139	506.74
Oase Filtoclear 20000	FS202	623.51
Oase Filtoclear 30000	FS2021	678.28
OASE Filtoclear Set (3000)	FS2022	586.13
OASE Filtoclear Set (6000)	FS2023	695.79
OASE Filtoclear Set (12000)	FS140	842.08
OASE Filtoclear Set (16000)	FS141	992.04
OASE Filtoclear Set (20000)	FS199	1174.77
OASE Filtoclear Set (30000)	FS200	1308.61
Replacement foam set for Filtoclear 6000	FS1701	43.28
Replacement foam set for Filtoclear 11000	FS171	59.40
Replacement foam set for Filtoclear 12000	FS1711	59.40
Replacement foam set for Filtoclear 15000	FS172	69.45
Replacement foam set for Filtoclear 16000	FS1721	69.45
Replacement foam set for Filtoclear 20000 / 30000	FS173	115.76



BIOLOGICAL FILTRATION

Superfish - Pressure filter

P

Unique 3-step pond pressure filter



TopClear

Unique 3-step pond pressure filter.

1. Filter foam provides the mechanical filtering.
2. Bacteria in the Bio-Balls provide the biological purification.
3. Built-in UVC provides control of algae and works to prevent against diseases.

- All connections are on top of the lid. So the filter can be placed everywhere, invisible, beside, under or near the pond.
- A pressure filter can be placed even below the water level.

Built-in UVC

Built-in UVC, clarifies your pond water within a fortnight.



Auto Clean Wash

Auto Clean Wash, for easy cleaning of your filter.



UV-indicator

With the UV indicator in the lid you can easily check whether the UV lamp is on.

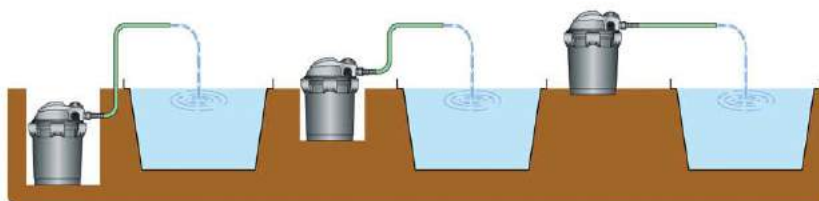


Flow-indicator

The Flow indicator shows the flow rate, so you can see when the filter needs cleaning.



2 YEAR WARRANTY
2 ANS GARANTIE



Technical specifications

Model	Max. pond content	Pump capacity	UVC	Inlet	Outlet	Size
TopClear 5000	5,000 L	2,500 L/h	7 Watt	14/20/25 mm	14/20/25 mm	34x34x40 cm
TopClear 10000	10,000 L	3,500 L/h	9 Watt	25/32/40 mm	25/32/40 mm	35x44x46 cm
TopClear 15000	15,000 L	5,000 L/h	11 Watt	25/32/40 mm	25/32/40 mm	35x44x58 cm

SUPERFISH Top-Clear 5000 UVC Pressure filter (7w)	MD2107	125.24
SUPERFISH Top-Clear 10000 UVC Pressure filter (9w)	MD2108	175.49
SUPERFISH Top-Clear 15000 UVC Pressure filter (11W)	MD2109	187.49

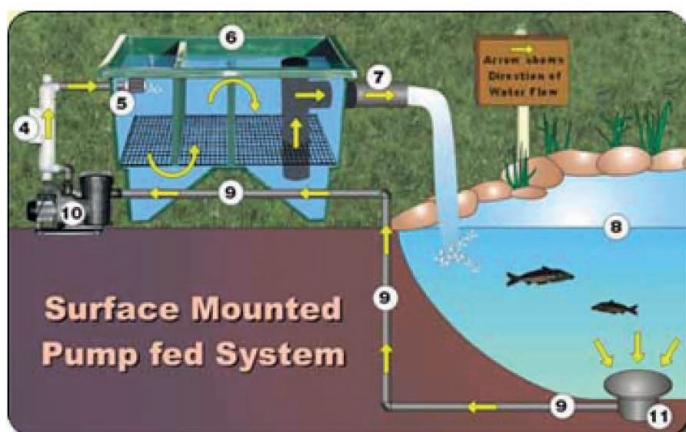
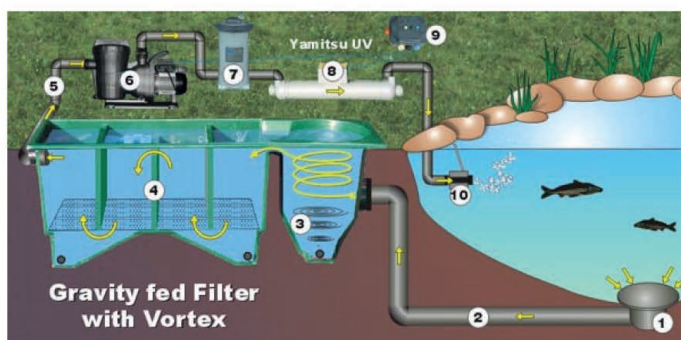
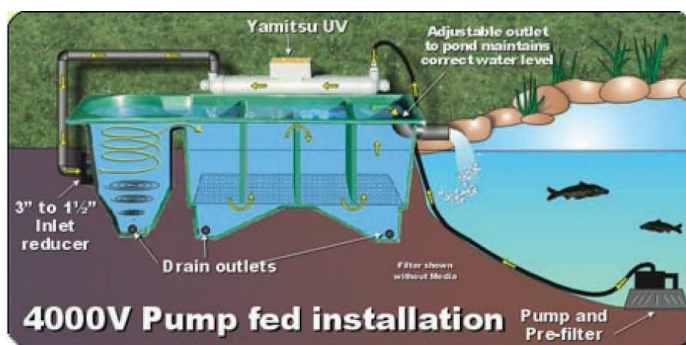
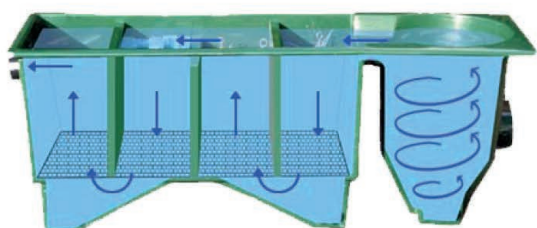
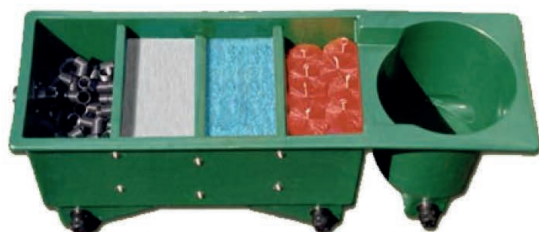
BIOLOGICAL FILTRATION

Kockney Koi Multi-bay filters

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K-Koi 18000V GRP Filter (Gravity with Media)	FS108	1793.02
K-Koi 18000V GRP Filter (Pump Fed - Media)	FS109	1929.20
K-Koi 10000V GRP Filter (Gravity - Media)	FS110	1014.47
K-Koi 10000V GRP Filter (Pump Fed - Media)	FS111	1127.38
K-Koi 9000 GRP Filter (Pump Fed - Media)	FS112	868.48
K-Koi 8000 GRP Filter (Pump Fed - Media)	FS113	751.02
K-Koi 8000 GRP Filter (Gravity Fed - Media)	FS114	708.84
K-Koi 5000V GRP Filter (Pump Fed - Media)	FS115	434.98
K-Koi 5000V GRP Filter (Gravity Fed - Media)	FS116	434.98
K-Koi 4000 GRP Filter (Pump Fed)	FS117	323.21

Length	Width	Height
2600	840	820
2600	840	820
2060	540	610
2060	540	610
1500	540	610
940	800	620
940	800	620
1300	430	490
1300	430	490
910	430	490



TRICKLE TOWERS

Super Shower

H

Super Shower Single (Inc 50ltrs Crystal Bio)	TT1961	408.07
Super Shower 2 tier (Inc 100ltrs Crystal Bio)	TT1962	727.83
Super Shower 3 tier (Inc 150ltrs Crystal Bio)	TT1963	956.26
Super Shower 4 tier (Inc 200ltrs Crystal Bio)	TT1964	1195.34

Build your own trickle filter with this modular system. Excellent filtration results in combination with SuperBio filter medium.

- Fully modular build to any size
- Each element is rotatable relative to lower element
- Very strong oxygen enrichment
- Excellent in combination with SuperBead filters
- High Flows possible
- Possibility to easily combine filter materials: oyster shells (KH/pH stabilization), SuperBio, Alfa Grog, Crystal Bio etc.



TRICKLE TOWERS

Roto Shower tube

H

Shower Tube inc 100L C.Bio – Stone Colour	TT191	450.36
Shower Tube with Sieve & 50L C.Bio – Stone	TT193	578.04
Sieve & Fitting Kit - Stone Colour	TT195	197.32

The Roto Shower Tube is not just another shower filter, but a shower of unique design. The Roto Shower Tube is the perfect addition to an existing filtration adding 100 litres of Crystal Bio Media to the existing set up. The Roto Shower Tube can also be used as a stand alone filter able to handle pumped solids by the inclusion of the 300 micron sieve insert and 50 litres of Crystal Bio Media



Red Label Trickle

E



Red label big Trickle Tower

Measurements L x W x H	1000 x 420 x 1200 mm
Maximum flow	20.000 liter
Inlet	1x 2" 63 mm
Outlet	waterfall

Red label small Trickle Tower

Measurements L x W x H	665 x 320 x 942 mm
Maximum flow	15.000 liter
Inlet	1 x 1½" 50 mm
Outlet	waterfall



HOW DOES THIS FILTER WORK?

The principle of a trickle filter is very simple. The prefiltered water is pumped into the upper part of the filter where a distribution device is located. This device consists of perforated tubes that project the water uniformly into the upper tank. The water then flows towards the lower tanks: in this way the biological supports harboring the bacteria are constantly watered, which allows a higher filtration efficiency than other systems, thanks to a very good oxygenation. This filter is sold empty: it is therefore necessary to provide enough to fill it. The media most used in this type of filter are ceramics (Crystal Bio, Bacteria Home, Bakki house etc.)

ADVANTAGES

- *Excellent filtration efficiency, professional method.
- *The filter is closed so no noise and reduced evaporation.
- *Watering biomedias uniformly through a well-studied system.
- *The device requires very little space on the ground.

Red Label Trickle Shower Filter - Sml (blade return)	TT189	889.11
Red Label Trickle Shower Filter - Lrg (blade return)	TT1891	1240.32

FILTER MEDIA

Filter Foam sets

Large foam sets 43" x 21" CMF	FM231	44.45
Medium foam sets 25" x 18" CMF	FM232	24.42
Small foam sets 17" x 11" CMF	FM233	11.22
Filter Wool (43" x 21")	FM2401	10.43
Filter Wool (25" x 18")	FM2402	8.86
Filter Wool (17" x 11")	FM2403	3.93
Filter Wool (1m x 1m)	FM240	13.01
40mtr roll of filterwool (12mm thick)	FM241	75.06



Zeolite

Japanese Zeolite 20KG (35-50mm)	FM247	41.13
Zeolite 10ltrs (Superfish)	FM248	14.33

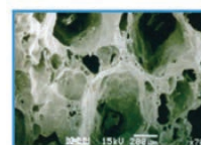
Zeolite helps to eliminate ammonia, after a period of time the Zeolite can be re-charged by soaking in a strong salt solution for 24hrs.



Crystal Bio

Crystal Bio Media 30-50mm 100 Litre Box	FM252	167.74
Crystal Bio Media 30-50mm 50 Litre Box	FM253	83.87

Every piece of Crystal Bio has a protected area or static zone designed to be the perfect environment for micro animals, not just bacteria. Once colonised each piece of Crystal Bio will contain millions of these micro animals, all filtering many thousands of times their own volume every minute, searching for their food source. These micro animals will feed on small particles such as, fish waste, dead bacteria, algae and organic matter.



Brushes

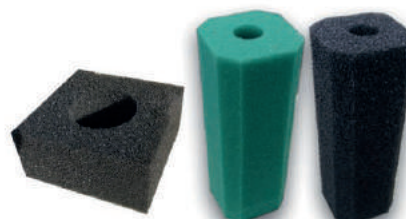
Black Knight Spawning Brushes 2 in a Box	FM243	15.64
16"x 8" Brushes (Black Knight)	FM244	4.27
10"x 8" Brushes (Black Knight)	FM245	2.92
Vortex Brushes	FM246	11.78
Koi Pro Spawning Brushes (2 in a box)	FM260	19.64



KoiPRO Spawning brush

Foams

Foam cubes (8"x 8"x 8")	FM235	12.87
Green foam cartridges (12"x 4"x 4")	FM236	8.28
Black foam cartridges (12"x 4"x 4")	FM237	8.28



FILTER MEDIA

Media grids and media bags

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Media bags	FM242	1.05
Media Bags (pack of 50)	FM259	40.79
Media Grids 27"x 16"	FM250	8.55



Alfagrog

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Alphagrog 15kg	FM224	14.22
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Kintama Bio Balls

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Kintama Bio Balls 10ltr (5kg)	FM266	37.84
Kintama Bio Balls 25ltr (12.5kg)	FM267	85.32



Kintama Bio Balls come with an extremely large surface area, designed to increase the biological capability of your filter. This aids in the removal of harmful ammonia and nitrogen, keeping your water in as best a condition as possible. These are suitable for adding to any standard biological filters, and will drastically increase the efficiency of your filter, and enable it to hold much higher levels of beneficial bacteria. Kintama balls will kill harmful bacteria, whilst also preventing the growth of algae, and also stabilising pH levels. They are highly porous, so they can rapidly remove the harmful elements within the pond, including heavy metals. Sizes available: 10 ltrs (approx 5kg) 25 ltrs (approx 12.5kg)

Japanese Matting

H

Japanese Mat (2m x 1m)	FM223	82.86
Japanese Mat (1.2m x 1m) Economy	FM263	66.40
Japanese Mat (1.2m x 1m) Top Grade	FM2631	55.16



OASE Hel-X 13

P

OASE Hel-X 13 Media 25ltrs	FM2301	58.38
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Oase Hel-X 13 allows a greater amount of bacteria to be contained within the same filter volume, resulting in more rapid breakdown of food and fish waste within the filter system. 25 Litres of Oase Hel-X 13 Biomedia now has the capacity to biologically break down 170g of food/day.

Oase Hel-X 13 can be used on any Filters to significantly increase their biological capacity but has been specifically designed for the OASE Pond Filters .



Lithaqua

M

Kusuri Lithaqua 1kg	FM254	13.44
Kusuri Lithaqua 5kg	FM255	21.84
Kusuri Lithaqua 10kg	FM256	38.64
Kusuri Lithaqua 20kg	FM257	61.32
Kusuri 300mm x 500mm net sack for Lithaqua	FM258	1.76

Lithaqua is a marine mineral high in trace elements and carbonates, ideal for raising KH values. A superb filter media of porous construction, allowing a huge surface area for the growth of beneficial bacteria.



FILTER MEDIA

Bacteria Home

E

Standard Bacteria Home 72x180	FM264	57.70
FAR Infrared Bacteria Home 72x180	FM2641	74.03
FAR Infrared Bacteria Home 40x160	FM221	74.03

Bacteria Home 72 x 180 is a high-quality filter medium made of porous mineral rock rods. The rock is baked under very high temperatures. Bacteria Home 72 x 180 is suitable for different types of filters, but is especially effective in a bakki shower.

High concentrations of good bacteria settle in the microscopic pores of the rock. These bacteria improve the water quality and filter harmful substances such as nitrate, nitrite and ammonia from your pond.

Bacteria Home also increases the mineral value and the redox value of the water. In addition, the water is enriched with oxygen. Bacteria Home improves water quality up to 16 times more effectively than other filter systems.



Infrared 72 x 180



Standard 72 x 180



Infrared 40 x 160

Far Infrared Bacteria home is a high-quality filter medium that is made from mineral rock. This porous rock is baked at a very high temperature. It is ideally suited for a bakki shower, but can also be used in other filters.

The microscopic pores immediately ensure a rapid growth of high concentrations of bacteria, which greatly improves water quality. The bacteria filter harmful substances such as nitrate, nitrite and ammonia from the water.

The material is very porous and slightly rough on the surface, so that the water that is sprayed over it is, as it were, polished. Because colonies of anaerobic (low-oxygen) bacteria can nest in the pores of this filter media, which ensure the conversion of nitrate to nitrogen gas, you could prefer this type of filter media over non-porous filter media.

Two types of bacteria are involved in the aerobic (oxygen-rich) conversion. The Nitrosomonas bacterium converts ammonia into nitrite and the Nitrobacter bacterium then converts nitrite into nitrate. Although nitrate does not immediately pose a health risk to fish, high doses are not desirable. High nitrate levels promote strong algae growth; this mainly occurs in the spring because the bacteria have not yet multiplied sufficiently.

Anaerobic bacteria are used to convert nitrate into nitrogen gas. This process can only take place in the absence of oxygen, i.e. at places in the filter media where little or no oxygen is present and can reach. The first step in this process is the reversal of the nitrification process. Nitrate is converted back into nitrite. The second step of the denitrification is the conversion of nitrite into nitrogen gas. (N₂). This gas can then be released without causing any further damage to the environment.

Far Infrared Bacteria Home also provides an increased mineral and redox value. It also brings considerably more oxygen into the water than, for example, aerated bottom drains. Far Infrared Bacteria Home improves your water quality up to 16 times more effectively than aerated underwater filtration.

Far Infrared Bacteria Home 72 x 180 is mainly used at high flow (> 20,000 l / hour) 20 rolls in 1 box of 8 kg. Thickness: 72 mm Length: 180 mm

Far Infrared Bacteria Home 40 x 155- diameter 40mm x Length: 155mm 10kg Far Infrared Bacteria Home is comparable to 35 liters of filter medium.

Pumice Stone - NEW

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Pumice Stone 10kg	FM270	20.62
Pumice Stone 25kg	FM271	49.64

Pumice stone Filter Media is inert and rapidly colonises with beneficial bacteria which help cleanse the pollutants. It is highly porous making it the ideal media for biological filters of all kinds. Efficient biological filtration depends on the media of choice having an adequate specific surface area (SSA), adequate voiding and water retention time. Pumice Stone Filter media has a massive surface area and is therefore ideal in this application. It can be used as a direct replacement to other ceramic based filter media.

Advantages include:-

- *High surface area and lightweight,
- *very economical and matures quickly
- *Very low maintenance
- *Excellent biological filtration
- *Improved fish stocks due to the extra performance over alternative media
- *Can be used as a stand alone biological filter or as an add on to an existing filter system



Pumice stone Filter Media is now being used extensively as an alternative to traditional koi pond filter media in trickle filters and trickle towers.

FILTER MEDIA

K1 Media

J

K1 Media - 1ltr	FM2282	6.35
K1 Media - 3ltr	FM2283	12.75
K1 Media - 25ltr	FM2284	51.25
K1 Media - 50ltr	FM2285	89.75
K1 Micro Media - 1ltr	FM2286	12.75
K1 Micro Media - 25ltr	FM2288	75.78
K1 Micro Media - 50ltr	FM2289	128.28

Kplus Advanced Filter Media 25Litre	FM2290	49.28
Kplus Advanced Filter Media 50Litre	FM2291	86.30

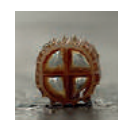


K+ Media

K Plus Advanced Filter Media

Evolution Aqua's new filtration media, K+ Media is designed and manufactured in-house. Added to the K1 Media family, the new K+ Media is moulded with minerals for faster beneficial bacteria development. K+ Media also has a much larger surface area than any other media we manufacture. K+ Media is the advanced filtration media for moving bed filters.

K1 Moving Bed process, which has been scientifically tried and tested in fish farming and waste water treatment for over 10 years, is now available for fish keepers and is exclusively distributed worldwide by Evolution Aqua. The media is engineered in a wheel shape and is slightly positively buoyant. This allows a small amount of water flow to circulate the media throughout the vessel. This flow is created with your air pump and air stones or diffuser etc.



Media	K+ Media	K1 Media	K1 Micro
Gravity	Floating	Floating	Floating
Diameter	10.5mm	10.5mm	7mm
Total surface area	1,350m ² per m ³	950m ² per m ³	1400m ² per m ³
Protected surface area	1,025m ² per m ³	500m ² per m ³	950m ² per m ³
Length	8mm	8mm	6.4mm



Rotifers



Micro-Organisms



Micro-Animals



Vorticella

Oyster shell

V

Oyster Shell in Net Bag 5kg	FM2491	31.13
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These large Pacific oyster shell halves are commonly used by Koi keepers in Japan and worldwide for buffering and stabilising the PH.



PROTEIN SKIMMERS

Red Label protein skimmer

E

Red Label - Protein Skimmer	PS168	604.84
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The dirt in the pond from bacteria and enzymes break down into small particles, so small that the protein eventually dissolves into the water. A mechanical filter can not remove these particles. A protein skimmer removes them before they are broken down further into more harmful substances (ammonium, nitrite, nitrate, phosphate etc.). Proteins assemble at the interface between air and water.

The water is mixed with air through a venturi system. Then the water / air mixture is spread over a bio wheels. This increases the surface area, causing the protein to form a solid foam. The foam is finally stripped from the pond water and dispersed from a 40mm outlet.



PROTEIN SKIMMERS

HD400 & AS Protein skimmer / Ozone reactor

E

The HD series ozone reactors are very efficient ozone reactors developed for industry, and therefore very reliable. It can handle varying flows and can be placed under the water level of your pond!

Many ozone reactors are made of clear PVC, which gives a blue / gray glow. We use clear acrylic in our ozone reactors, so you have perfect sight in the ozone reactor. AS ozone reactor This type of ozone reactor is an ozone-resistant skimmer manufactured from transparent acrylic. The advantage of an AS ozone reactor is, that it immediately removes a part of the substances decomposed by ozone.

Model	Height (cm)	Diameter (cm) tube	Maximum ozone dose (gr/hr)	Maximum waterflow (l/hr)	Dimensions l x w x h
250AS*	~195	25	2,5	4.500	38x50x195 cm
400AS*	~200	40	5	11.000	57x70x200 cm
200HD	~125	20	1,5	8.000	32x40x125 cm
250HD	~125	25	2,5	12.000	38x45x125 cm
400HD	~130	40	5	30.000	57x65x130 cm

250AS Protein Skimmer / Ozone Reactor	PS169	2306.45
400AS Protein Skimmer / Ozone Reactor	PS170	3145.16
HD200 Protein Skimmer / Ozone Reactor	PS171	891.13
HD250 Protein Skimmer / Ozone Reactor	PS172	1153.23
HD400 Protein Skimmer / Ozone Reactor	PS173	1991.94



NEW!

Sander Fresh-Skim Protein skimmer / Ozone

E

Sander Fresh-Skim 200	PS166	1455.30
Sander Fresh-Skim 300	PS167	4172.67

The Fresh-Skim protein skimmer, is an extremely efficient fresh water protein skimmer due to their large volume. As the proteins are directly removed from the water column, the filter system will have a significantly lighter job to do. The biological load of the water will be lower, besides the fact that the air bubbles will increase the oxygen level of the water. This will aid both fish growth as well as water clarity.



TYPE	HEIGHT	AIR FLOW	WATER FLOW	MAX. POND
Fresh-Skim 200	1,8 meter	1,0 - 2,5 m³/h	3m³/h	20m³
Fresh-Skim 300	2,1 meter	1,5 - 3,5 m³/h	8m³/h	50m³

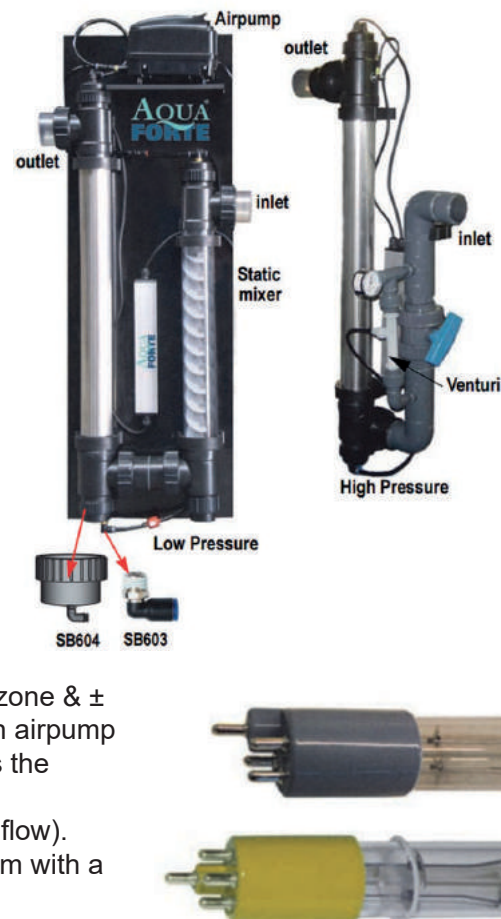
OZONE

UV-Ozone

F

UV-Ozone Pressure	OZ155	782.66
UV-Ozone System (with air pump)	OZ156	859.41
Ballast / Electrics for UVO-Zone	OZ157	232.27
Lamp for UV-Ozone (Yellow end)	OZ158	121.19
Lamp for UV-Ozone (Grey end)	OZ1581	130.28
Replacement Quartz for UV-Ozone	OZ159	40.40
Replacement Air Pump for UV-Ozone	OZ167	100.99

UV-C radiation and ozone together form the perfect combination for making pond water immaculately clean and rich in oxygen. The use of ozone is a natural process which is artificially imitated by the UV-C Redox unit. The equipment produces ozone which is 100% safe there is no ozone left in the water flowing out. The UV-C redox increases the capacity of the pond filter and saturates the pond water with oxygen thus creating a healthy environment for koi and plants. The Ozone Redox UVC has a special 75watt T5 UV-C lamp that generates ozone as well as UV-C at the same time. The lamp produces 600mg/h ozone and 25.000 microwatt of UV-C radiation output. The lamp produces ± 4000 hrs ozone & ± 9000 hrs of UV-C radiation. The Low Pressure version comes with an airpump that "pushes" the ozone out of the unit and a "static mixer" that mixes the ozone with water with virtually no pressure loss. This Low Pressure version must be fitted after the filter installation (free return flow). The High Pressure version operates through a venturi injection system with a ballvalve to mix the ozone with water. Inlet/outlet is 63mm. Max. flow $\pm 20\text{m}^3/\text{h}$.



Purusaqua

F

Purusaqua Redox Control unit (without probe)	OZ151	530.83
Purusaqua 03-3000B Ozone Generator (2grams)	OZ152	1029.17
Purusaqua 03-5000B Ozone Generator (3 grams)	OZ1521	1343.33
Redox Probe (for use with Purusaqua)	OZ1522	216.67

Basic series of 2 and 3 gram ozone generators.

This ozone generator is built into a stainless steel cabinet with the following features:

- Adjustable ozone yield
- Flow meter
- Low power consumption
- Air-cooled
- High ozone concentration
- Similar to a 6 gram ozone generator from other brands.

Specifications:

- Ozone yield: 2 and 3 grams on air
- Ozone yield: 6 and 8 grams for oxygen
- Recommended air flow: 20 l / min
- Maximum working pressure: 6 mwk / 0.6 bar
- Dimensions: 51 cm (H) x 35 cm (W) x 27 cm (D)
- Power consumption: 115 watts
- Hose nozzles: 6 mm



This ozone generator comes standard with a number of meters of silicone hose and an ozone-resistant non-return valve.

Note: moist supply air not only reduces the ozone yield but it also drastically shortens the life of your ozone generator!

SKIMMERS

OASE Skimmers

P

Oase Aquaskim 20 Standing Skimmer	Fig 1	SK2171	107.70
Oase Skim 40 Standing Skimmer	Fig 2	SK217	119.80
OASE Swim Skim 50 CWS (inc pump)	Fig 3	SK218	334.79
OASE Swim-Skim 25 (inc Pump)	Fig 4	SK219	175.27
OASE PondoSkim 12V	Fig 5	SK2193	0.00

Spare foam for Swim Skim CWS	Fig 6	SK2191	8.89
Spare foam for Swim Skim		SK2192	8.89

A Full range of oase free-standing and in-pond skimmers.

The Swim Skim, Pond-o-skim and lake skimmers come with a built-in pumps.



SWIMSKIM 25 SWIMSKIM 50

Dimensions (L x W x H)	mm	332 x 297 x 263	450 x 400 x 390
Rated voltage		220 - 240 V / 50 Hz	220 - 240 V / 50 Hz
Power consumption	W	40	45
Power cable length	m	10.00	10.00
Net weight	kg	2.68	4.54
Guarantee * Years		2	2
Filter volume	l	0.9	4.5
Possible water level difference		Unlimited	Unlimited
Pond surface, max.	m²	25	50
Pump capacity, max.	l/h	2500	3500
Aerator function	l/h	300	600
Whirlpool function		No	Yes

OASE SWIM-SKIM

- *The result is clearly improved water quality and viewing depth through direct removal of pollutants on the surface
- *Integrated injector that enriches the pond with oxygen
- *Extremely strong suction
- *Easy cleaning with basket removal
- *Automatic adaptation to any water level (from 40 cm water depth)
- *Powerful suction cleaning of pond surfaces up to 25 m²

SKIMMERS

Certikin Skimmers

H

Certikin HD100SN-B Skimmers Black	SK208	135.00
Certikin HD100SN Skimmers White	SK214	135.00
Certikin Liner Kit	SK209	36.25
Certikin Extension Parallel Throat	SK210	45.50
Certikin Wide Mouth Adapter (Liner) Black	SK221	55.00
Certikin Wide Mouth Adapter (Concrete) Black	SK211	42.70
Certikin Wide Mouth Adapter (Concrete) White	SK213	50.00
Certikin Collar Weir / Basket	SK212	34.55

Certikin



In-wall skimmers

H



Standard Black In-wall skimmer SB264 (Liner / Concrete)	SK204	36.30
Spare basket for black in wall skimmer	SK2052	7.31
Wide mouth Kit for standard black skimmer	SK2051	28.64
Grid for front of Standard (SB264) Skimmer	SK206	26.74
Grid for front of Standard Wide-mouth (SB265) Skimmer	SK207	37.06

SKIMMERS

OASE ProfiSkim Wall 100

M

ProfiSkim Wall 100	SK230	278.66
Height extension ProfiSkim Wall	SK231	39.50
Skimmer extension ProfiSkim Wall	SK232	148.80
Wide mouth extension ProfiSkim Wall	SK233	213.60
Stainless steel cover STD ProfiSkim Wall	SK234	175.93
Stainless steel cover WM ProfiSkim Wall	SK235	234.25



Profiskim wall 100



Profiskim wall 100 + extension



Profiskim wall 100 + widemouth extension



Stainless cover WM



Stainless cover STD



Height extension



Profiskim wall 100 + widemouth
+ Stainless Steel cover



Profiskim wall 100
+ Stainless Steel cover



extension



Widemouth extension

Skims off debris from a pond surfaces of up to 30 m². For permanent installation in a wall. The technology is protected through an integrated debris basket with wildlife evacuation system. Optimal flow-through thanks to DN 110 connection. The debris basket is easy to take out for effortless cleaning from the front and from the top. With useful accessories (optional): Wall extension, wide-mouth extension, height extension and high-quality stainless steel covers.

Dimensions (L x W x H)	mm	273 x 267 x 408
Net weight	kg	2.80
Guarantee (+ request guarantee)	Years	3 + 2
Possible Water level difference		120 mm
Skimmer opening width	mm	210
Pond surface, max.	m²	30
Pump capacity, min.	l/h	6000
Pump capacity, max.	l/h	16000
Rec. flow rate (gravitation)	l/h	12000
Connections, outlet		DN 110

SKIMMERS

Aquaforte skimmers

H

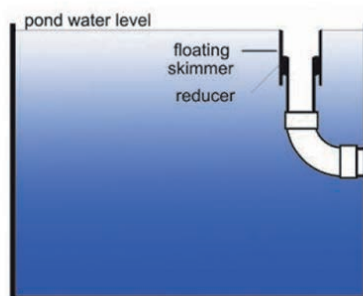
AquaForte floating skimmer	SK222	111.75
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Floating skimmer with 60 watt pump, capacity up to 3000 l/h. For pond surfaces up to $\pm 50\text{m}^2$. Easy to use, easy to clean. Fitted with skimmer basket, foam filter pad and 10 meter cable.



Floating surface skimmer (to fit 110mm pipe)	SK201	52.46
Floating surface skimmer with basket (200mm Dia and fits 110mm pipe)	SK2011	67.48

The floating skimmer slides directly over a 160 -110 mm reducer and can then be connected to the pump or filter via a 110 mm tank connector. Height 280 mm, diameter 160mm.



Floating skimmer with a diameter of approx. 200mm and a 110mm pipe connection at the bottom side. Comes with basket, can be used without basket.



PURIFIERS

Pro-line cylinder purifiers

E

SKS Large Purifier	PU252	316.13
SKS Medium Purifier	PU253	248.39
SKS Small Purifier	PU254	222.58
Brass Water Meter	PU2551	26.69

Water purifiers can play a major role in removing unwanted toxins leaving good water quality in the pond and helping to keep your fish healthy.

Stage 1 uses a 5 micron moulded polypropylene moulded filter and will remove dirt, sand, iron as well as other particulates. Stage 2 is the large granular activated carbon (GAC) filter, which removes chlorine and dissolved organic contaminants. This unit is installed with 15mm speed fit connections or garden hose click connections. Please specify from the drop down menu. Manufactured from heavy duty food grade plastics, this water purification system will provide the finest quality water for your fish. This unit also has air-bleed buttons to release a spike of pressurised air should the filters become slightly blocked.



Brass water meter

Pro-line pod purifiers

G

SKS 10" Big Blue Purifier (Hi-LUX Style)	PU255	184.58
SKS 10" Three Pod Purifier	PU256	127.26
SKS 10" Two Pod Purifier	PU257	74.27
SKS 20" Two Pod Purifier	PU258	217.77
SKS 20" Three Pod Purifier	PU259	305.47
10" 5 micron Pre-Filter Cartridge	PU266	5.55
10" 25 micron Pre-Filter Cartridge	PU267	6.03
10" Carbon Block Cartridge Small	PU262	13.15
10" Metals Cartridge	PU265	37.91
10" Carbon Block Cartridge Big Blue	PU263	67.52
20" Carbon Block Cartridge Small	PU264	26.35
20" 5 Micron Pre - Filter Carts	PU268	11.41
20" 20 Micron Pre- Filter Carts	PU269	11.41
Pre-Filter Housing (10" Small)	PU270	19.47
25kg Granular Acid washed Carbon	PU274	194.18
1kg Activated Carbon	PU273	8.71

The filter used to remove chlorine from water is called a In simple terms the purifier and works by passing water through activated carbon and out into the pond providing chemically cleaner, chlorine free water.

Water should be in contact with the carbon for approximately 4 minutes to enable it to absorb chlorine and any other impurities. If you know how fast you wish to fill your system you can work out what size dechlorinator to buy. Larger units contain more carbon and retain the water longer therefore enabling you to fill your pond faster.



The Chlorine content in water varies from area to area so there are no hard and fast rules as to how long the carbon will work before it is exhausted and needs to be changed, However, the life of the carbon can be prolonged by regularly back-flushing the unit (this should also be carried out before using for the first time).

PURIFIERS

EA “Detox” water purifiers

L

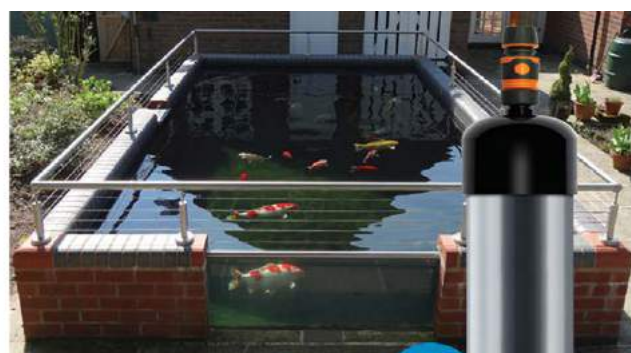


detox
12 INCH DECHLORINATOR

detox
30 INCH DECHLORINATOR

Treats up to*	225,000 Litres 49,493 UK Gallons 59,439 US Gallons	550,000 Litres 122,083 UK Gallons 146,615 US Gallons
Max. flow rate	4 Litres / minute	4 Litres / minute
Length	389mm	840mm
Width	112mm	112mm
Carbon spec.	High-grade activated carbon	High-grade activated carbon
Pressure rating	Rated for use with standard household mains water pressure only.	Rated for use with standard household mains water pressure only.
Supplied with	Two connectors for easy connection up to a standard garden hose	Two connectors for easy connection up to a standard garden hose

*Maximum treatable water is based on incoming 0.5ppm chlorine.



detox
Inline tap water de-toxifier

NEW
IMPROVED
Optimum
Results




MANUFACTURED
IN THE UK

The Evolution Aqua Detox Dechlorinator is a quick and simple method of filtering out harmful chlorine and other impurities from tap water. It is ideal for first fill, water changes and top-ups, for both ponds and aquariums.

There's no need to wait for chlorine to gas-off or to use liquid treatments. Simply fill up straight from the hosepipe via the Evolution Aqua Detox Dechlorinator. This unit simply connects to garden hose or rigid pipe work. Connectors are included.

Hi-grade activated carbon removes chlorine, chloramine, bromine, malachite green, dyes, colours, humic acids, organics, proteins, antibiotics, hormones and ozone.

New and improved for 2017 with high capacity carbon for optimum chlorine removal.

Recommended flow rate: 4 litres per minute

The 30 inch high-grade activated carbon filter will treat up to*: 550,000 Litres / 122,083 U.K. Gallons / 146,615 U.S. Gallons

The 12 inch high-grade activated carbon filter will treat up to*: 225,000 Litres / 49,493 U.K. Gallons / 59,439 U.S. Gallons

*Maximum treatable water is based on incoming 0.5ppm chlorine.

EA 12 Inch Detox Dechlorinator	PU279	103.53
EA 30 Inch Detox Dechlorinator	PU280	149.58

PURIFIERS / AUTO Top-Up

OASE Inline purifier

P

OASE In-line Dechlorinator	PU2752	126.85
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Tap water is thoroughly treated and therefore it is ideal for filling ponds and aquariums. However, what is safe for human beings can be harmful for fish and plants. With the Dechlorinator you are on the safe side; chlorine and heavy metal residues are effectively removed even during the filling process. To do this the filter cartridge is simply connected to off-the-shelf water hoses via the provided quick-release metal couplings. Thus biotope- friendly tap water can be produced quickly and effectively, without conditioning in a separate container.

- Treats tap water contaminated with chlorine
- Immediately binds chlorine and heavy metals
- Ideal when topping-up ponds and aquariums.
- Extremely easy application thanks to $\frac{3}{4}$ " quick-release couplings

OASE Proficlear Guard

O

OASE Proficlear-Guard Auto Top-up	PU2751	549.67
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controlling the water depth in ponds, decorative fountains and water feature reservoirs. The partially submerged water level sensor will inform the controller once a fluctuation in water depth drops below 20mm (3/4"), sending a signal to open the supplied solenoid valve, allowing mains water to flood in to the pond or reservoir. Once the sensor detects that the correct water level has been achieved, the controller will switch the solenoid valve off.

The ProfiClear Guard is particularly useful in Koi Ponds or fish ponds with gravity fed filter systems as the water level is maintained consistently, regardless of evaporation. Commercial fountain displays which use water level dependent nozzles will also benefit from the top-up system to ensure the correct decorative water display is achieved consistently.

The OASE ProfiClear Guard Set includes:

- Weatherproof Control Unit with power,
- valve open and valve closed indicators.
- 12 volt water level sensor with 20mm switching differential.
- Water mains operated, 230 volt Solenoid Valve, supplied with 2m cable.
- Solenoid Valve inlet and outlet are 1/2" BSP female threaded.



PRO-Line Auto Topup

J

PRO-LINE Auto Top-Up System	PU276	268.52
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PRO-Line
Professional pond products

The PRO-Line Auto Top-up system is installed with a simple float mechanism with waterline mark. When the water level in your pond drops below the set level the unit will let mains water through and continue to fill the pond until the water level is back up to the desired set point.

The system comes complete and consists of-

- **Water level sensor**
- **2 x "Click fit" hose connectors**
- **Control box**
- **Low voltage power supply**
- **Water tight connection for power**



OASE InScenio FM-Master

N

EGC Control Home	LI317	281.87
EGC Control Cloud	LI318	337.60
InScenio FM Master EGC Home	LI319	449.14
InScenio FM Master EGC Cloud	LI320	464.15

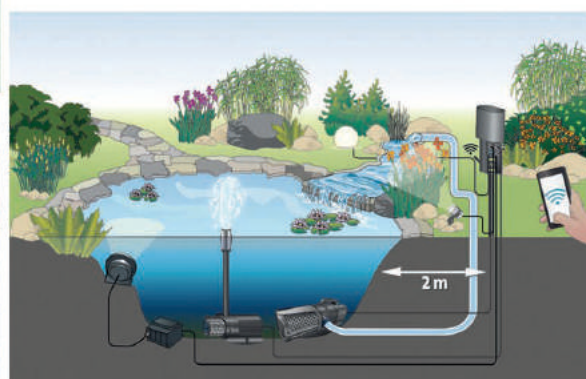
With the new InScenio FM-Master WLAN, device control in your garden is as easy as child's play. The garden power outlet has WLAN connection technology and thus enables convenient control of the connected devices via app. Using the smart phone or tablet you can read out and control the capacities, and you can do it from a range of 80 m.

The new highlight of the InScenio power management family has 4 power outlets, of which 1 is dimmable. Each power outlet has a timer that can be controlled over 24 hours. You can connect the FM-Master WLAN by sticking the provided stake in the ground and connecting your devices. With the splash guard you are on the safe side and protect the electronic parts from external influences.

- Innovative highlight of the OASE InScenio Power Management family, controllable via WLAN on tablets or Smartphones (iOS or android)
- Simply download the app (from the Apple Store or via Google Play) and get started
- With 4 power outlets: 3 can be switched on and off, 1 is dimmable in addition
- Each power outlet can be controlled over 24 hours with integrated timer
- With additional DMX-RDM connection for connecting to end devices that are garden system compatible
- In addition, up to 10 remote-controlled OASE devices can be integrated and controlled via the app.
- All-year round use with spray water resistant power outlets
- Ground stake guarantees secure anchoring in the ground



iPhone and Android compatible



FLOWFRIEND

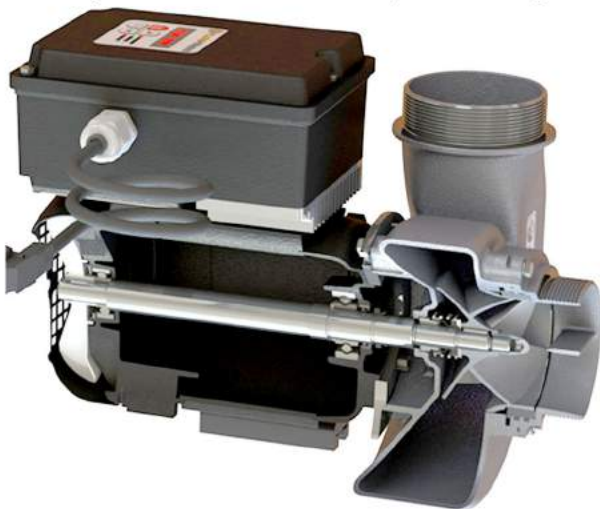
The FlowFriend is far ahead in terms of pumping water energy-efficiently. The FlowFriend already today meets the highest MEI category of over 0.7. The MEI - Minimum Efficiency Index - category is related to the efficiency of the motor, as well as the pump's hydraulics and a directive was developed in 2012 to mandate the energy efficiency of water pumps. To underline this extraordinary accomplishment: the EU has mandated a minimum MEI of 0.4 as compulsory effective July 2014.

The FlowFriend:

- extremely energy efficient
- standard RPM controls
- high flows at low energy consumption
- extremely quiet
- a highly efficient, new generation of permanent magnet motor
- optimised hydraulics, cast entirely from 316 stainless steel
- optimal coordination between pond and season
- a premium efficiency IE4 motor
- motor developed and manufactured in Germany
- can be deployed anywhere in the world: voltages ranging from 100-240V/50-60 Hz



Ability to adjust the FlowFriend's RPMs (600-2550 RPMs) is a standard feature. The pump includes a display for this purpose that also displays power consumption and hours of operation. The major benefit of permanent magnet motors compared to frequency controlled asynchronous motors is the remarkably high efficiency at low RPMs. However, even at higher RPMs, these pumps are significantly more efficient.



FLOWFRIEND PRO



**-NEW MODEL IN STOCK NOW
-HIGHER FLOW RATES!**

**Enquire now for
pricing and more
information**

**sales@skswholesale.co.uk
(01603) 897453**

PUMPS

SPECK PUMPEN

G

Badutop 25 1.5HP 6300GPH	PP282	718.49
Badutop 20 1HP 5400GPH	PP283	650.54
Badutop 14 3/4HP 3900GPH	PP284	477.65
Badutop 12 1/2HP 3300GPH	PP285	400.00
Badutop 8 1/3HP 2850GPH	PP286	380.47
Badutop 6 1/4HP 2200GPH	PP287	359.22
Magic 6 1/3HP 1980GPH	PP289	321.51
Magic 4 1/4HP 1550GPH	PP290	307.20
Badu-top 42-5 2200GPH	PP291	272.22
Badu-top 42-8 3300GPH	PP292	281.94
Strainer pots for 42-5 and 42-8	PP293	82.44
Inlet / Outlet fittings for Magic Pumps	PP2901	11.85

In/Out	Watts
2"-1.5"	1400
2"-1.5"	1100
2"-1.5"	750
2"-1.5"	550
2"-1.5"	330
2"-1.5"	280
1.5" - 1.5"	250
1.5" - 1.5"	180
1.5" - 1.5"	300
1.5" - 1.5"	400
*****	*****
*****	*****



The Speck Badu range of pumps are designed with high pressure performance in mind. These pumps are ideal for applications which require a large pumping head or where there may be some resistance eg. large pressure filters/ sand filters and long runs of pipe. The Badutop and Badu-Magic models have built in strainer baskets to protect the impeller which make them an ideal choice for use as a vacuum pump. **1 year warranty**

ECO TOUCH

G

BADU ECO-Touch Pro Variable flow rate pump	PP2821	1190.45
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BADU® Eco Touch-pro, BADU® Eco Flow

Circulation pumps with programmable performance ranges

The innovative and patented motor technology of the two BADU®Green line pumps is revolutionising the previous pump standards from the point of view of energy consumption, operating costs and water quality. Every pump has three motor speed fields that can be set individually. This guarantees the most effective use and maximum energy saving in all performance ranges. Operation is intuitive. The BADU®Eco Touch-pro is designed for average swimming pools and the BADU®Eco Flow for large swimming pools.

• Different motor speeds for optimum output

The choice between three motor speed fields ensures the most effective output for all operating models e.g.: night mode (low motor speed), filter operation (medium motor speed), backwashes or solar absorber operation (high motor speed).

• Individual adjustment for maximum savings

The three variable motor speeds can be programmed individually and can be adjusted from 1000 to 2830 rpm in steps of 50. The empirical values 2000, 2400 and 2830 rpm are then pre-programmed.

• Practical programming and information

A display assists in setting conveniently and shows the motor speeds that have been programmed. The Eco mode deactivates the display illumination, minimising its energy consumption in this way.

• The most comfortable handling

The BADU®Eco Touch-pro and the BADU®Eco Flow can be controlled in a potential-free manner and so can also be networked with the filter control.



PUMPS

Aqua Vario Plus

G

ENERGY AND COST-SAVING

A controlled motor reduces energy consumption and therefore considerably reduces the energy costs. Instead of letting the pool pump run permanently at maximum speed, you can adjust the conditions as you wish. At night, for example, a low speed will suffice and a medium speed to filter.

During backwashing you need full power again. Thus you can programme up to three speeds (2000/2400/2800) via the user interface, it's simple!

MATERIALS

The Aqua Vario Plus has a powder-coated motor and is corrosion resistant against swimming pool water and chemical additives. All housing parts are made from reinforced plastic, resistant to chlorine, and promise a long service life. Installed in the open, the pump should have simple protection against the effects of the weather.

NEW

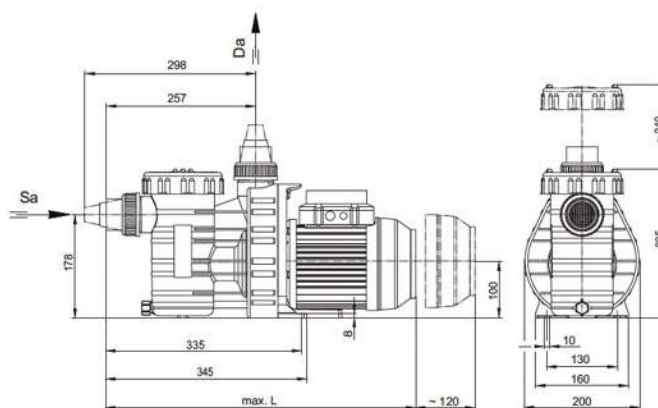
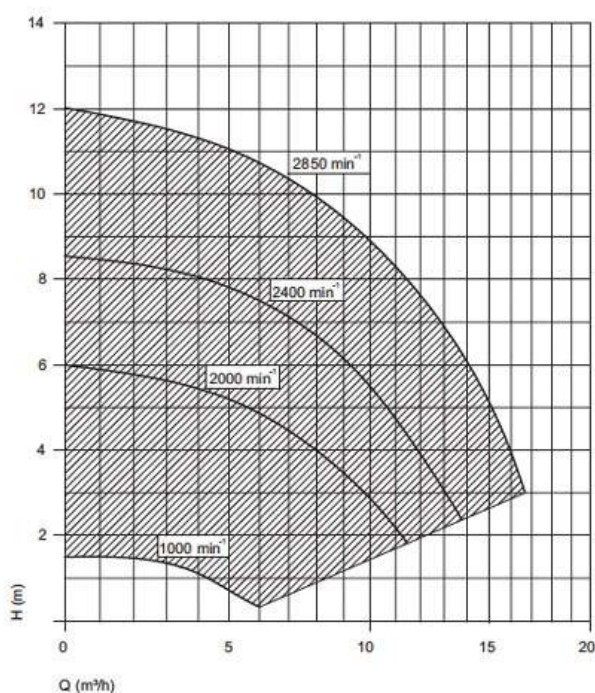


Design	Pool size (in m ²)	Flow rate... (in m ³ /h)	...at a dynamic head* of (in m)	Power output P ₂ (in kW)	Sound level (in dB)
Vario Plus	max. 70 m ²	max. 14 m ³ /h	max. 12 m	max. 0.45 kW / 230 V	51 – 72 dB

BADU Aqua Vario Plus

PP2822

841.42



PUMP - Pre-filters

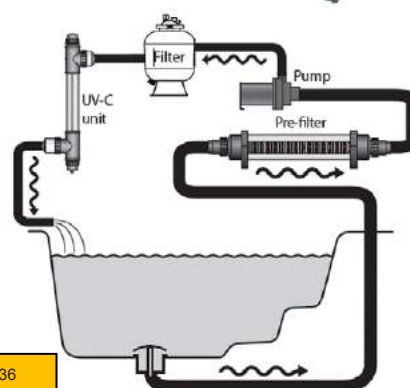
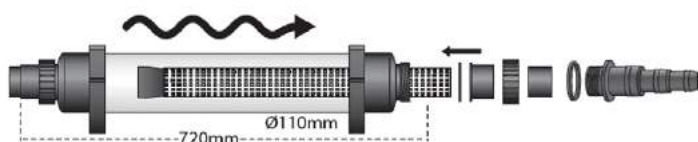
Dirty Harry (Pre-filter)

L

The Dirty Harry pre-filter provides you with an additional tool to keep your pond clean. The Dirty Harry pre-filter ensures that larger waste solids in the pond water, such as leaves, small branches and larger algae particles are collected before they are caught up in the pump or in the filter. By pre-filtering the water, you prevent larger particles from clogging up or overloading the filter. The service life of the pond pump is protected because large particles will not damage the impeller of the pump. The housing of the Dirty Harry pre-filter is transparent, so it is easy to see when it needs cleaning. Max. pressure: 2 bar. Comes with unions for 63 & 50mm solvent pipe, 1½" female threading and hose tails 25/32/40mm. Max. pressure: 2 bar. Comes with unions for 63 & 50mm solvent pipe, 1½" female threading and hose tails 25/32/40mm.

Benefits:

- Extra pump protection.
- Transparent.
- Easy to install.



Aquaforce In-line Pre-filter (Dirty Harry)

PP3741

118.36

Performance basket

L



The Performance strainer basket is used to trap leaves and debris from entering your Sequence pump.

If you are not pumping filter cleaned water, you will need a Performance strainer basket for your pump, simply screws onto the inlet of the pump.

Basket for Performance pro-cascade pump

PP374

111.03

PUMPS

Aquamite

M

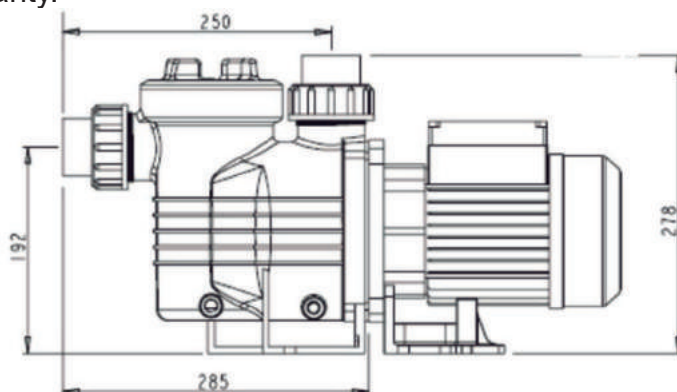
Aquamite 033 Pump	PP2801	353.08
Aquamite 050 Pump	PP2802	370.45
Aquamite 075 Pump	PP2803	383.19
Aquamite 1.00 Pump	PP2804	412.23

The Aquamite Pump has been designed for simplistic operation and easy maintenance. All Aquamite Pumps incorporates the latest in design testing and construction to produce a super-quiet, reliable pump. Aquamite Pumps are made from a one-piece moulded body which is strong, durable and non-corrosive. This simplistic form of construction makes for not only quiet operation, but also affords ease of maintenance and servicing.

The Aquamite Pump range has five models from 0.33 HP through to 1.25 HP all of which are supplied with a 2 year Manufacturer's Warranty.

Aquamite Pump Product Features:

- One piece moulded body.
- Simplistic operation.
- Super quiet.
- Strong, durable & non-corrosive.
- Transparent lid.
- 2 year Manufacturer's Warranty
- Efficient Impeller and Diffuser Design.



Efficient Impeller and Diffuser Design.

The Aquamite Pumps impeller and diffuser design maximizes the hydraulic output of the pump while minimizing turbulence. The Aquamite Pumps efficient hydraulic performance shortens run times and reduces energy consumption leading to lower operating costs.

Engineered Durability.

The Aquamite Pumps body is manufactured utilising state of the art engineering plastic moulding with a single piece strainer pot and volute for extra strength.



PUMPS

Flow friend / Flow friend Junior

F



FLOW FRIEND	PP3071	2393.80
FLOW FRIEND PRO	PP3072	2478.63
FLOW FRIEND HP	PP3073	2478.63
FLOWFRIEND JUNIOR	PP3074	2048.51



FLOWFRIEND



FLOWFRIEND PRO
Higher flow rates with lower wattage



FLOWFRIEND HP
Higher flow rates with higher wattage

- extremely energy efficient
- standard RPM controls
- high flows at low energy consumption
- extremely quiet
- a highly efficient, new generation of permanent magnet motor
- optimised hydraulics, cast entirely from 316 stainless steel
- optimal coordination between pond and season
- a premium efficiency IE4 motor
- motor developed and manufactured in Germany
- can be deployed anywhere in the world: voltages ranging from 100-240V/50-60 H

Ability to adjust the FlowFriend's RPMs (600-2550 RPMs) is a standard feature. The pump includes a display for this purpose that also displays power consumption and hours of operation. The major benefit of permanent magnet motors compared to frequency controlled asynchronous motors is the remarkably high efficiency at low RPM. However, even at higher RPMs, these pumps are significantly more efficient.

The New flowfriend junior with external controls

The FlowFriend range has now been further extended with the FlowFriend Junior. The Junior has much in common with the current FlowFriend models, but it also has a number of significant differences.

Features-

- motor with IP67 protection class
- extremely energy-efficient
- external controller - short-circuit resistance and IP66
- 0-10V/0-20mA/4-24mA external control
- adjustable 2-40 m3/hour/20-370 Watt/500-3000 rpm
- without fan - extremely quiet
- IE6: latest generation permanent magnet motor (EC/BLDC)
- 7-metre pump head

NEW! Flowfriend Junior



PUMPS

Performance pumps

E

Performance pro cascade pump 13000	PP370	500.81
Performance pro cascade pump 15000	PP371	500.81
Performance pro cascade pump 18000	PP373	566.13

grade polypropylene housings are built for long term use. A strainer pot may be attached to facilitate priming in a suction lift application and to strain debris from the inflow. Performance Pro Cascade pumps are more energy efficient and have a higher flow rate and head pressure than Sequence pumps.

- Money saving high efficiency.
- 1.5 inch Female Threaded inlet and outlet -
- 50/60 hz
- Long life, corrosion resistant, 316 Stainless Steel shaft seals.
- Impeller interchangeability allows you to easily change your pumps' performance.
- Top-of-the-line U.S. motors. All 1725 rpm units are totally enclosed for excellent protection and long term reliability.
- Both pump ends and motors are designed for quiet operation.
- Safety first - out of pond pumps help protect both you and your fish from potentially dangerous oil or electrical leaks.
- 3 year limited warranty
- Strainer basket can be ordered separately



Performance Pro Model	Watt	Max lph	Max Head	@ 1 m	@ 1.5 m	@ 2.4 m
Performance 13000	90-135	13000	3.3 m	11 m3/h	9 m3/h	6.8 m3/h
Performance 15000	119-207	15000	4.5 m	14.8 m3/h	14 m3/h	12 m3/h
Performance 16000	116-179	16000	4.8 m	14 m3/h	12.5 m3/h	10.2 m3/h
Performance 18000	180-260	18000	5 m	16.1 m3/h	15 m3/h	12.9 m3/h

Performance pro Artesian Pro pump 1/4 - 66	PP3902	868.79
Performance pro Artesian Pro pump 1/3 - 73	PP3903	927.58
Performance pro Artesian Pro pump 1/2 - 92	PP3904	992.90
Performance pro Artesian Pro pump 3/4 - 105	PP3905	1064.76

PerformancePro ArtesianPro is the pump you need for your higher flow applications. PerformancePro ArtesianPro not only delivers great flow rates at useable heads, but it does so efficiently! You get the safety and convenience of self-priming along



with great energy savings. For ease of use, PerformancePro Artesian Pro provides a large strainer basket, and an easy open Lexan lid. The specially designed lid and clamp ring insure a positive seal with very little o-ring wear.

- *Money saving high efficiency pump and motor units.
- *Quick disconnect unions are included.
- *2" or 3" fittings are available for easy attachment. (Note: 3" also fits 2 1/2" pipe.)
- *Long life corrosion resistant Stainless Steel shaft seals.
- *Impeller interchangeability allows you to easily change your pump's performance.
- *Top-of-the-line motors. All 1725 rpm units are totally enclosed.
- *Fan cooled for extended service life.
- *Units offer quiet operation. *3 year limited warranty.

Artesian Pro Model	HP	RPM	Max Head	Mid Point Flow	Max Flow	Max True Watts
AP 1/4 - 66	1/4	1725	21 ft	3300 gph @ 16 ft	6600 gph @ 2 ft	370
AP 1/3 - 73	1/3	1725	23 ft	3660 gph @ 17 ft	7320 gph @ 3 ft	460
AP 1/2 - 92	1/2	1725	24 ft	4620 gph @ 18 ft	9240 gph @ 4 ft	620
AP 3/4 - 105	3/4	1725	23 ft	5400 gph @ 18 ft	10500gph @ 4 ft	830

PUMPS

OASE Promax Mud Drain

M

Regardless of whether contaminated water must be pumped out of shafts or pools – the OASE ProMax MudDrain pumps work reliably and are designed specifically for these challenging tasks. The powerful and robust OASE ProMax MudDrain pumps with delivery rates between 6000 and more than 30000 litres per hour, reliably pump polluted water with contamination particles to a diameter of 40 mm.



Adjustable handle: Easy and reliable positioning of the float in different positions | Convenient mounting on the connection of the pressure port positioned on top, through flipping it up | Can be unscrewed for permanent installation | Groove for rope fixation

For coarse debris: All models pump water with debris up to 30 mm in diameter

“A cool head”: Optimal heat dissipation of the motor thanks to water cooling, in conjunction with the stainless steel housing



OASE ProMax MudDrain 7000	PP3917	164.92
OASE ProMax MudDrain 11000	PP3918	227.77
OASE ProMax MudDrain 14000	PP3919	274.89
OASE ProMax MudDrain 20000	PP3920	408.41

-Optimal particle throughput: Rear 1½” pressure port for ideal flow-through and minimal resistance

-Robust and reliable: Automatic pump switch-on and switch-off through the float switch

-Well-protected: Ceramic-coated stainless steel shaft

-Secure stance: Minimal start-up pulses thanks to pressure port positioned along the central axis

-Powerful: Generously-dimensioned motors

-Versatile: Adjustable handle

-Solid: High-quality and robust stainless steel housing

-Easy to connect: Incl. 90° elbow and stepped adapter



PUMPS

OASE Promax Rain

M

“A cool head”: Optimal thermal dissipation even at low water level thanks to the design that ensures water flows around the motor housing

Easy operation: Provided connection pieces and a kink protection element for a 1/2" hose enable fast and easy installation

No debris particles in the hose system:
Low-wear filter grille with incorporated fine stainless steel mesh protects the hose, garden shower, and similar attachments from clogging. Thanks to the bayonet closure, simply back-flush



OASE ProMax Rain 4000	PP3916	86.39
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- Effective particle entrapment: A fine filter screen prevents intake of debris, particles and clogging of lines and watering devices
- Water cooling: The pump design ensures that water flows around the motor, even at low water levels
- Powerful pressure: The special channel-type impeller enables high water pressure, ideal for watering
- Robust and reliable: Automatic pump switch-on and switch-off through the float switch



Pondtec PondoMax

T

Pondtec PondoMax ECO 1500	PP3312	77.17
Pondtec PondoMax ECO 2500	PP3313	100.19
Pondtec PondoMax ECO 3500	PP3314	138.11
Pondtec PondoMax ECO 5000	PP329	158.42
Pondtec PondoMax ECO 8000	PP330	178.74
Pondtec PondoMax ECO 11000	PP331	199.05
Pondtec PondoMax ECO 14000	PP3311	212.59
Pondtec PondoMax ECO 17000	PP332	241.03



The Pontec PondoMax pumps are an energy efficient pump for running filters and watercourses and is capable of handling solid particles of up to 8 mm. They are supplied with a stepped hose tail which can accommodate flexible hose of 1", 1¼" & 1½" diameter. The cage is specially designed to prevent it clogging by providing the maximum surface area. The Pontec PondoMax pumps can also be used dry mounted inline just like the Aquamax range, and have the same 1.5 inch threaded inlet and outlet.

To protect against overheating (due to dry running) these pumps also feature a thermal overload cut-out.

PUMPS

Aquaforce - O series

J

AQUAFORTE O-4600 (46W)	PP386	105.93
AQUAFORTE O-6500 (65W)	PP375	113.11
AQUAFORTE O-8500 (95W)	PP376	119.39
AQUAFORTE O-10000 (120W)	PP377	128.37
AQUAFORTE O-13000 (130W)	PP378	171.46
AQUAFORTE O-16000 (180W)	PP379	183.13
AQUAFORTE O-18000 (220W)	PP380	189.41



The Aquaforce O Series Pond Pumps are designed to pump water containing solid material to a pond filter or a waterfall. The Aquaforce O Series pump cage is specially designed to prevent it clogging by providing the maximum surface area. Aquaforce O Series Pond Pumps can also be used dry mounted inline just like the Aquamax range, They also have the same 1.5 inch threaded inlet and outlet. When using a pond pump to power a filter system reliability is essential. That is why the Aquaforce O Series Pond Pumps key features provide total reassurance.

Key Features:

Pumps large quantities of pond water with low electricity consumption

Vortex impellar blade can handle solids up to 6 mm

Pump outlet has a screw thread hosetail 25-38mm (1" - 1.5")

2 Year Manufacturer Backed Guarantee

Ecomax 0 Series Pond Pumps are also suited for dry application (inlet must be under water level).

Aquaforce - O PLUS series

J

The Aquaforce O-Plus Series pond filter pumps are very energy efficient and innovative electronics! Aqua Forte pond pumps are Virtually silent. No copper parts and equipped with a wear-resistant ceramic shaft.

The pump switches off automatically when there is no water in the rotor. By blockage of the impeller, the pump will turn into a "lock" position allowing no power and wait until the blockage is cleared, this prevents the motor from burning.

Reasonably priced dirty water pumps suitable for water gardens, waterfalls, fountains, filters, you name it.

The Aquaforce Plus Series filter pumps are designed for placement on the bottom of the natural pond or koi pond.



AQUAFORTEO-3500 PLUS	PP3801	140.04
AQUAFORTE O-5000 PLUS	PP3802	147.22
AQUAFORTE O-6500 PLUS	PP3803	153.50
AQUAFORTE O-8000 PLUS	PP3804	158.89
AQUAFORTE O-10000 PLUS	PP3805	171.46
AQUAFORTE O-13000 PLUS	PP3806	201.98
AQUAFORTE O-15000 PLUS	PP3807	214.54
AQUAFORTE O-20000 PLUS	PP3810	220.83

Lph	Watts
3500	25
5000	40
6500	50
8000	70
10000	85
13000	110
15000	135
18000	170
20000	200

PUMPS

Aquaforce - P series

J

AQUAFORTE P-15000 (290W) High Pressure	PP381	236.99
AQUAFORTE P-20000 (420W) High Pressure	PP382	251.35
AQUAFORTE P-25000 (520W) High Pressure	PP383	263.02
AQUAFORTE P-35000 High Pressure	PP384	426.40
AQUAFORTE P-40000 High Pressure	PP3841	659.08



The **Aquaforce P Series** Pond Pumps are designed to pump water containing solid material to a pond filter or a waterfall. The **Aquaforce P Series** Pond Pumps cage is specially designed to prevent it clogging by providing the maximum surface area.

Aquaforce P Series Pond Pumps can also be used dry mounted inline just like the Aquamax range, They also have the same threaded inlet and outlet. When using a pond pump to power a filter system reliability is essential. That is why the Ecomax P Series Pond Pumps key features provide total reassurance.

Features-

- Pumps large quantities of pond water with low electricity consumption
- Vortex impellar blade can handle solids up to 6 mm
- Pump inlet are all 2 inch
- Pump outlet 1.5 inch up to P25000
- Pump outlet 2 inch from P30000 uo to P40000
- Pump outlet has a screw thread hoesetail 25-38mm (1"- 1.5")
- 2 Year Manufacturer Backed Guarantee
- Ecomax P Series Pond Pumps are also suited for dry application (inlet must be under water level).
- Ecomax P Series High Pressure pond Pumps are suitable for both horizontal and vertical use.
- Ecomax P series High Pressure Pumps have a strong head pressure.

Superfish Pond ECO

I

SUPERFISH POND ECO 2900 - 14 W *UK*	PP343	72.67
SUPERFISH POND ECO 4900 - 29 W *UK*	PP344	82.12
SUPERFISH POND ECO 8000 - 80W *UK*	PP345	109.31
SUPERFISH POND ECO 12.000 - 155W *UK*	PP346	118.17
SUPERFISH POND ECO 15.000 - 175W *UK*	PP347	136.49



The Superfish PondEco pumps are designed to pump water containing solid material to a pond filter or a waterfall.

The PondEco pumps cage is specially designed to prevent it clogging by providing the maximum surface area. PondEco pumps can also be used dry mounted inline just like the Aquamax range, They also have the same 1.5 inch threaded inlet and outlet. When using a pond pump to power a filter system reliability is essential. That is why the PondEco pumps key features provide total reassurance.

Thermal Resettable Fuse

PondEco pumps have a TRF (Thermal Resettable Fuse) this device automatically switches off the pump if it overheats to prevent motor damage. Once cooled, about 15 to 20 minutes the pump will switch itself back on.

PUMPS

Aquaforte - DM series

L

AQUAFORTE DM-3500 (25W)	PP3843	144.49
AQUAFORTE DM-5000 (40W)	PP3844	152.88
AQUAFORTE DM-6500 (50W)	PP3845	158.47
AQUAFORTE DM-8000 (70W)	PP3846	169.66
AQUAFORTE DM-10000 (85W)	PP3847	177.12
AQUAFORTE DM-13000 (110W)	PP3848	206.02



Very energy efficient pumps with innovative Electronics! Low noise operating level. Suited for salt and fresh water, no copper parts. Fitted with durable ceramic shaft. When the impeller is blocked it will go into a "lock" position in which the pump does not use power and waits until the blockage is gone. This will prevent a motor burn out. Competitive priced dirty-water pumps for water gardens, waterfalls, fountains, filters, etc. Can pump solids up to 6mm. 2 year warranty. Suited for dry application (inlet must be under water level).

Aquaforte - DM Vario-S **NEW**

G

AQUAFORTE DM-Vario S 10000 NEW	PP3685s	245.55
AQUAFORTE DM-Vario S 22000 NEW	PP3686s	334.33
AQUAFORTE DM-Vario S 30000 NEW	PP3687s	455.69

WATT	FLOW	MAX. HEAD	IN-/OUTLET
15-85	4-9m³/h	5 mtr	2"
34-187	9-20m³/h	7 mtr	2"
52-300	12-24m³/h	8 mtr	2"

New series variable pumps for a very competitive price!

The DM-Vario pumps are suited for outdoor use and are suited for wet & dry applications. With the external controller you can adjust the flow (and thus the energy consumption) from 30% to 100%. The controller can also start/stop the pump (pause button). Provided with synchronous motor and wearproof ceramic shaft for long time use. Automatic power-off protection when running dry. When the impeller is blocked it will go into a "lock" position in which the pump does not use power and waits until the blockage is gone. This will prevent a motor burn out.



PUMPS

Aquaforte - PRIME Vario **NEW**

G

The Aquaforte PRIME vario is the newest Variable flow pump available

This adjustable Aquaforte vario has the latest SIN WAVE technology that is also used in the Blue eco. It is the latest generation of SIN WAVE pond pumps that can be reduced to 30% capacity through a pond pump controller. The consumption at 100% capacity can be seen in the table. Thanks to the Sine Wave technology, the Aquaforte vario pond pumps are even more economical in power consumption than the now well-known DM Vario pond pumps. They also have a higher head than other comparable pond pumps.



**NEW! 50000 model
with 3" IN/OUT**

The aquaforte vario (prime) is available in 3 sizes-

The Aquaforte Vario 10,000, Aquaforte vario 22,000 and the Aquaforte vario 30,000. All types can be installed both dry and wet. The head of the pump is adjustable and can be turned to different positions so that it can be used optimally. A professional filter basket is also available so that the AquaForte vario can also be used in the pond. This is known as wet. The filter basket prevents damage to the rotor and the pump housing because coarse filter parts cannot get into the pond pump.

Aquaforte vario table with wattage, flow rate and maximum head.

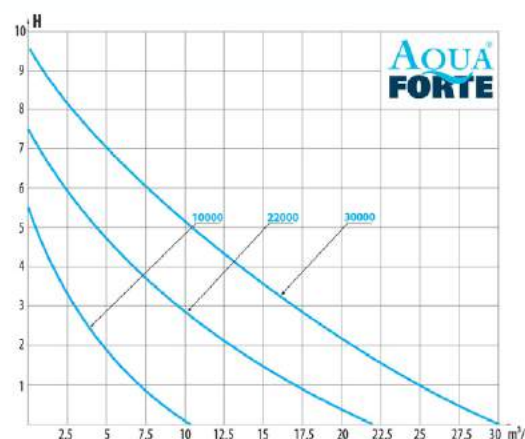
Type Art. No. Watt Flow Max. head height

Vario-10000 RD790 25-85 4-10 m³ / h 5.5 m.
2" external thread. (2 inches)

Vario-22000 RD791 59-200 9-20 m³ / h 7.5 m.
2" external thread. (2 inches)

Vario-30000 RD792 100-335 12-30 m³ / h 9.5 mtr.
2" external thread. (2 inches)

Vario-50000 RD794 180-600 14-50m³ / h 7.5mtr. **NEW!**
3" external thread (3 inches)



AQUAFORTE PRIME-Vario 10000 NEW	PP3700	285.03
AQUAFORTE PRIME-Vario 22000 NEW	PP3701	383.66
AQUAFORTE PRIME-Vario 30000 NEW	PP3702	479.69
AQUAFORTE PRIME-Vario 50000 NEW	PP3703	610.48

PUMPS

EA Varipump

M

EA Varipump 10000	PP3691	193.75
EA Varipump 20000	PP3692	254.95
EA Varipump 30000	PP3693	392.66



EVOLUTION
AQUA
INNOVATION IN WATER

Varipump Specifications

	INLET	OUTLET	MAX. FLOW (LITRES PER HOUR)	MAX. FLOW (GALLONS PER HOUR)	MAX. FLOW (US GALLONS PER HOUR)	MAX. HEAD	MAX. WATTS
Varipump 10000	1½"	1½"	10,000	2,200	2,642	3.1m	75W
Varipump 20000	2"	2"	20,000	4,400	5,283	5.5m	190W
Varipump 30000	2"	2"	30,000	6,600	7,925	5.5m	450W



Varipump 10000

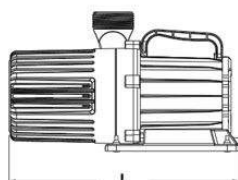
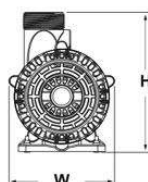


Varipump 20000



Varipump 30000

Varipump Dimensions



	DIMENSIONS	CABLE LENGTHS
Varipump 10000	267mm (L) x 122mm (W) x 162mm (H)	2 metre cable from plug to control box 10 metre cable from pump to control box
Varipump 20000	319mm (L) x 142mm (W) x 181mm (H)	
Varipump 30000	370mm (L) x 155mm (W) x 205mm (H)	

PUMPS

Blagdon Amphibious IQ

G

Blagdon Amphibious IQ 2250-4500	PP3694	181.34
Blagdon Amphibious IQ 3000-6000	PP3695	197.01
Blagdon Amphibious IQ 4500-9000	PP3696	233.29
Blagdon Amphibious IQ 6000-12000	PP3697	258.50

Choosing a pump - Lift chart (Blagdon pump flow rate in litres per hour)
 RFR Realistic flow rate when installed & running through pipe work, filter & a waterfall.

4.5m				800 lph
4.0m			600 lph	2,200 lph
3.5m		900 lph	1,300 lph	2,900 lph
3.0m		1,300 lph	2,000 lph	3,600 lph
2.5m	1,000 lph	2,000 lph	2,900 lph	4,400 lph
2.0m	1,400 lph	2,600 lph	3,500 lph	5,800 lph
1.5m	2,100 lph	3,500 lph	5,100 lph	6,200 lph
1.0m	2,800 lph	4,500 lph	6,200 lph	7,900 lph
0.5m	3,900 lph	5,100 lph	6,900 lph	9,500 lph
0.0m	4,900 lph	5,900 lph	8,700 lph	11,200 lph
MODEL	2250-4500	3000-6000	4500-9000	6000-12000



IQ Amphibious Digital Motor Technology:-

Digital motors convert less electrical energy to heat than conventional pond pump motors, saving on energy. Microprocessors control and monitoring allows for a host of convenient and energy saving features for your pond or water feature.

Motor Protection System

If the amphibious IQ detects that the motor is clogged or jammed it will pause and display the scrolled text 'motor jammed, clean impeller, clean rotor'. When the clogging has been removed the pump can safely restart.

Flexible Power Usage Control & Display

Stop, start, increase or decrease power and flow at the push of a button for optimum performance and maximum energy saving.

Run Dry Protection System

If the Blagdon Amphibious IQ detects that it has run out of water it will pause and display the scrolled text 'water low, add water'. Once water has been added the pump will safely restart.

Soft Start

When the Amphibious IQ is turned on, the flow of water will slowly increase to its pre set position. This reduces pump wear and reduces stresses on pipework and pond filters fitted to the system, decreasing the risk of leaks and damage.

The Amphibious IQ can be placed anyway up whilst in the pond, its casing has equally distributed holes all the way around which ensures an even flow of water to the pump so should debris create a partial blockage the pump will continue to work. The impeller also has clear housing making it easy to check for possible blockages or damage without having to undo it. With a three year guarantee the Amphibious IQ pack contains a pump, controller, hose tails and a complete set of fittings.

PUMPS

Superfish ECO-Plus E

SUPERFISH POND ECO PLUS E 3500 - 14W *UK*	PP3511	118.17
SUPERFISH POND ECO PLUS E 5000 - 22W *UK*	PP3512	127.62
SUPERFISH POND ECO PLUS E 8000 - 41W *UK*	PP3513	136.84
SUPERFISH POND ECO PLUS E 10.000 - 68W *UK*	PP3514	145.94
SUPERFISH POND ECO PLUS E 12.000 - 85W *UK*	PP3515	154.81
SUPERFISH POND ECO PLUS E 15.000 - 130W *UK*	PP350	164.02
SUPERFISH POND ECO PLUS E 20.000 - 150 WATT *UK*	PP351	181.99



Electronic Filter pump for Koi and fish ponds. The new engine offers very good performance and high head at a very low power consumption (approx. 5 Watt per 1.000 L/h). A pond pump that truly deserves a "green label"! Electronic filter pump for Koi and Fish ponds with low energy consumption, optimal dirt transport and long service life. The Superfish PondECO Plus E pumps are extremely reliable in operation.

Run Dry and overload protection-

The pump is equipped with Run Dry Protection, 10 seconds after being taken away from water, the water pump will stop to protect it from running dry, it will try to re start after 10 seconds, if without water, it will stop again, this cycle will repeat 5 times, then the pump will stop. To re-start the pump take plug from main and plug back in and ensure pump is working well.

The pump has a thermal overload safety device. In the event of any overheating of the motor, this device automatically switches off the pump. The cooling time is roughly 15 to 20 minutes, then the pump automatically comes on again. If the overload cutout is tripped, it is essential to identify and deal with the cause of the overheating.



Technical specifications

Model	Max Pump cap.	H.max	Outlet	Power
PondECO Plus E 3500	3,500 L/h	2.0 m	25/32/40 mm	14 Watt
PondECO Plus E 5000	5,000 L/h	3.0 m	25/32/40 mm	22 Watt
PondECO Plus E 8000	7,800 L/h	4.2 m	25/32/40 mm	41 Watt
PondECO Plus E 10000	9,200 L/h	5.8 m	25/32/40 mm	68 Watt
PondECO Plus E 12000	11,200 L/h	6.0 m	25/32/40 mm	85 Watt
PondECO Plus E 15000	15,000 L/h	6.5 m	40/50 mm	130 Watt
PondECO Plus E 20000	19,500 L/h	6.0 m	40/50 mm	150 Watt

Superfish ECO-Plus RC

SUPERFISH POND ECO PLUS RC 5000 *UK*	PP3471	173.12
SUPERFISH POND ECO PLUS RC 10.000 *UK*	PP3472	181.99
SUPERFISH POND ECO PLUS RC 15.000 *UK*	PP3473	200.66
SUPERFISH POND ECO PLUS RC 20.000 *UK*	PP3474	209.17

The Superfish Pond ECO Plus RC 15000 Pump is now available with remote control that enables you to easily adjust your pond pump flow capacity. The remote control enables you to switch your pump on/off and set the water flow rate of your Superfish Pond Pump to the required level of flow rate. This is one of the most economical pond pumps to run as the slower the flow rate, the less wattage your pump uses. These great economic to run, energy efficient pon pumps are sutiable for dry-mounting and submerged use.



PUMPS

OASE Aquamax ECO Classic

S

Aquamax Eco Classic E 2500	PP325	158.52
Aquamax Eco Classic E 3500	PP326	198.16
Aquamax Eco Classic 5500	PP327	257.61
Aquamax Eco Classic 8500	PP328	297.24
Aquamax Eco Classic 11500	PP3281	336.88
Aquamax Eco Classic 14500	PP3282	389.72
Aquamax Eco Classic 17500	PP3283	429.36

The Oase Aquamax Eco Classic Pump has a high performance motor and are capable of pumping coarse debris up to 8 mm in size.

Completely redesigned: The classic—the entry level class of filter- and watercourse pumps from OASE.

A totally new form: Thanks to organic design, it can be integrated in ponds and watercourses, almost invisibly



Uncomprisingly reliable: With high cleaning force, it pumps pond water and coarse debris particles, up to 8 mm in size into a filter

Wider range available: Now with two additional, even more powerful pumps in the product line: The new 11500 and 14500

Included in the scope of delivery: Special hose adapter with threaded collar for different hose sizes

Extremely economical: Thanks to the energy-efficient EC motor, the AquaMax Eco Classic saves power and money in operation.

Environmental Function Control« (EFC by OASE)* protects against dry run and blocking)

All Aquamax Eco Classic pumps have a 1 1/2" connection thread on the outlet side and 1 1/2" connection thread on the inlet side with hose connecting pieces for hoses ranging from 1" to 1 1/2" inches and a cable length of 10 m. The full guarantee of 3 years can be extended by 2 additional years to 5 years. In addition the pumps are suitable for use in swimponds and bathing ponds.

Including special hose adapter with threaded collar for connecting hose sizes 3/4", 1", 1 1/4" and 1 1/2". 3 + 2 year guarantee. The main difference between the Aquamax and the other pumps is its particularly specially designed impeller. Due to the two large blades of the impeller, even highly polluted water can be transported efficiently (this means the fish and other waste).

Aquamax Eco Classic Model	2500	3500	5500	8500	11500	14500
Dimensions	280 x 230 x 130					
Power consumption	40 Watt	45 Watt	60 Watt	80 Watt	100 Watt	135 Watt
Turnover rate max (l/min)	40 l/min	60 l/min	88 l/min	138 l/min	183 l/min	227 l/min
Turnover rate max (l/h)	2400	3600	5300	8300	11000	13600
Outlet size	1"	1.5"	1.5"	1.5"	1.5"	1.5"
Suction Size	25mm	1.5"	1.5"	1.5"	1.5"	1.5"
Max Head height (m)	2	2.2	2.8	3.2	3.3	3.4
Weight with 10m cable	2	3.2	3.2	4.4	5	5
Voltage	220-240v/50Hz					

PUMPS

OASE Aquamax ECO Classic C

NEW!!

P



Smart control system

The new AquaMax Eco Classic C series, with integrated controller, can also be operated via smartphone or tablet using a separate app.



Energy efficient motor

The efficient OASE motor is particularly economical and effectively reduces running costs.



Coarse debris displacement

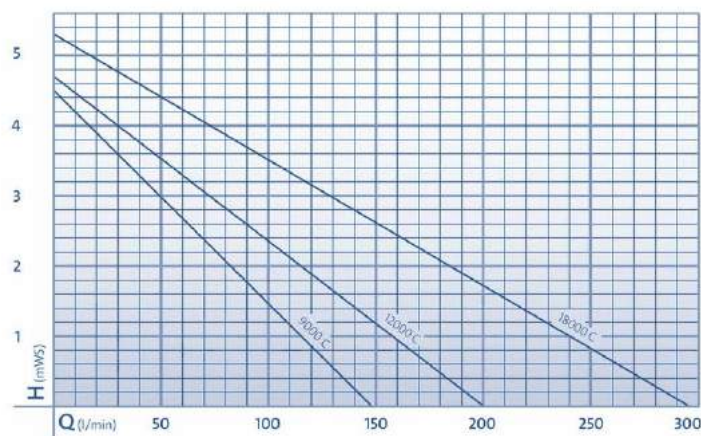
The large-surface wrap-around strainer allows coarse debris particles such as fish waste or dead plants up to 8 mm in size to pass through.

Top product characteristics

- The top entry-level model — now also available in three controllable sizes with integrated controller
- Energy-efficient motor to help conserve energy — first-class price-performance ratio
- Can cope with coarse debris particles up to 8 mm in size

- *The contemporary classic featuring state-of-the-art technology — the controllable entry-level series of filter and watercourse pumps from OASE
- *Three energy-efficient sizes with integrated controller for convenient external control
- *Smart controllable with the new OASE app
- *Easy installation and maintenance thanks to a secure plug connection to the controller
- *Uncompromisingly reliable, with a great cleaning power; it pumps pond water and coarse debris particles, up to 8mm in size, into the filter
- *Extremely economical: Thanks to its energy-efficient motor, the AquaMax Eco Classic constantly saves electricity and therefore money—while in operation
- *Suitable for use on swim ponds and bathing ponds (used in an exterior pump chamber)
- *Included in the scope of delivery: Special hose adapter with threaded collar for different hose sizes (25/32/38 mm)
- *Environmental Function Control (EFC by OASE) protects against dry running and blocking

AquaMax Eco Classic 9000 C – 18000 C



AquaMax Eco Classic 9000 C	PP400	343.74
AquaMax Eco Classic 12000 C	PP401	406.24
AquaMax Eco Classic 18000 C	PP402	499.99

PUMPS

OASE Aquamax Dry

P

OASE Aquamax 6000 Dry	PP334	393.44
OASE Aquamax 8000 Dry	PP335	502.75
OASE Aquamax 14000 Dry	PP336	579.25

The Oase Aquamax Pumps (Pride of the Oase Range) have been developed with the intention to transport a maximum of polluted water into a filter system by using as little pressure as possible.

The main difference between the Oase Aquamax Pumps and the other pumps is its particularly specially designed impeller. With the Oase Aquamax Pump due to the two large blades of the impeller, even highly polluted water can be transported efficiently.

Oase have now come up with a new range of pumps to extend the Oase Aquamax Pump range. Introducing the Oase Aquamax Dry Pro

Unlike the previous models, The new Oase Aquamax Dry 14000 have been specially introduced for dry mount applications aimed at gravity fed filter installations that would normally be fitted with a dry mounted pump.



OASE Aquamax ECO-Premium

P

OASE Aquamax Eco Premium 4000	PP387	336.01
OASE Aquamax Eco Premium 6000	PP388	385.75
OASE Aquamax Eco Premium 8000	PP389	554.09
OASE Aquamax Eco Premium 10000	PP3891	601.15
OASE Aquamax Eco Premium 12000	PP390	682.79
OASE Aquamax Eco Premium 16000	PP391	759.86
OASE Aquamax Eco Premium 20000	PP3911	908.76

The new Original, like always, just better. The Oase AquaMax Eco Premium, all-new design, more energy-saving and new engine technology!

The Aquamax Eco Premium once again has reduced energy consumption, the range starts with the 4000 at 40 watts going up to the 16000 model at a mere 145 watts. Running these premium filter pumps won't break the bank, combine that with a five year guarantee and you really can't fail with the Aquamax Eco Premium range. This is the new original, still made in Germany.

Regulator + 2nd inlet-

Second inlet allows for connection of a satellite filter or surface skimmer. The sliding function allows adjustment of skimmer or satellite filter capacity in 4 steps from 0 to 100%.



PUMPS

OASE Titanium ECO & ECO Control

Q

AquaMax Eco Titanium 31000	PP403	1,094.39
AquaMax Eco Titanium 51000	PP404	2,030.39
OASE ECO Control (Pump controller)	PP403C	239.46

Power consumption	W	70 - 320
Max. flow rate	l/h	48000
Max. head height	m	4
Coarse debris displacement max.	mm	6

The OASE AquaMax ECO Titanium 50000 pump incorporates ultra energy efficient ECO Motor Technology to provide the lowest possible running costs. The Oase Aquamax ECO Titanium pumps are incredibly robust with stainless steel castings and are designed to supply water to larger pond filters or can be used to create impressive waterfalls and streams. The pump is ideally suited to pull water through larger koi pond filters in a gravity fed, dry mounted scenario.



OASE Aquarius Universal

P

OASE Aquarius Universal 1000	PP314	74.04
OASE Aquarius Universal 1500	PP315	86.23
OASE Aquarius Universal 2000	PP316	89.99
OASE Aquarius Universal ECO 3000	PP317	228.54
OASE Aquarius Universal ECO 4000	PP318	265.69
OASE Aquarius Universal 6000	PP319	431.92
OASE Aquarius Universal 9000	PP320	464.10
OASE Aquarius Universal 12000	PP321	551.86

The Oase Aquarius Universal (Neptun) feature pumps are ideal partners for statuary, features and decorative features, they offer impressive performance from pumps with compact dimensions. The Oase Aquarius Universal (Neptun) feature pumps have been designed specifically with features and water features in mind. They have a very low water intake point allowing operation in much shallower water than other pumps. The hose

connections are on the very top of the pump, not on an extension pipe, meaning they can fit in to small chambers. A removable base (Aquarius Universal (Neptun) 3000 upwards) further helps the pumps fit in to tight chambers. The design of the range makes them very quiet, so they do not distract from the relaxing sound of your water feature. Each of the Oase Aquarius Universal (Neptun) feature pumps has a built in flow control.



- Supplied with 10m of power cable and a 3 year warranty, which can be upgraded to 5 years by sending the guarantee card off to Oase.
- The Aquarius Universal is mainly designed as a water feature pumps, however it can also be used as a high performance fountain pump if used with option Oase fountain fittings.



PUMPS

OASE Aquarius ECO Expert

M

Aquarius Eco Expert 22000	PP3912	1507.54
Aquarius Eco Expert 28000	PP3913	1619.01
Aquarius Eco Expert 36000	PP3914	2212.90
Aquarius Eco Expert 44000	PP3915	2527.18

OASE ECO Control (Pump controller)	PP403C	239.46
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***Suitable for networks and powerhouse with low energy consumption**

***Patented frost protection to -20°C Switchable dynamic program for impressive fountains**



Oase
LIVING WATER

- New, network-capable, energy-efficient pump generation for extremely powerful and economic delivery capacity
- Requires up to 50 % less energy than the predecessor model
- Alternating fountain heights can be individually switched with power consumption in-line with demand
- Robust and durable stainless steel housing for stability
- Ergonomic handle for easy transport and installation
- Unique, patented frost protection: the pump will not be damaged at temperatures down to as -20° C
- Can be set up underwater & dry
- With adapter set for connection of 1" and 1½" nozzles
- Protection against dry run and blocking through Environmental Function Control (EFC by OASE)
- MADE IN GERMANY: precise and reliable German engineering at a high level of quality

OASE Aquamax ECO Gravity

P

OASE Aquamax Gravity ECO 10000	PP322	580.32
OASE Aquamax Gravity ECO 15000	PP323	754.12
OASE Aquamax Gravity ECO 20000	PP324	927.88

-Stainless steel pump guard

Thanks to this high quality, stainless steel filter basket coarse pollutant particles up to 6 mm in size are displaced with no problems.

-Removable base

The removable base enables pump installation in confined spaces.

-Adapter Set

The included adapter set enables connection of hoses (2"/?DA 63) and pipes (DN 75/?DN 110).

10,000 (65W) / 15,000 (85W) / 20,000 (120W)

These powerful gravitation filter pumps are excellently suited for feeding larger filter systems. Ideal in combination with the OASE module filters ProfiClear Classic and ProfiClear Premium.



PUMPS

OASE Aquamax ECO Expert

P

OASE Aquamax ECO Expert 21000	PP340	1306.10
OASE Aquamax ECO Expert 26000	PP341	1449.73
OASE Aquamax ECO Expert 36000	PP342	2156.90
OASE Aquamax ECO Expert 44000	PP3421	2509.38
OASE Aquamax ECO Expert EGC 20000 12v	PP3422	1857.96



OASE ECO Control (Pump controller)	PP403C	239.46
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Robust stainless steel intake screen

Displaces coarse debris particles up to 0.44 inch in size

Patented Seasonal Flow Control (SFC)

For intelligent and environmentally-conscious regulation of flow rate and pumping height based on water temperature

Patented frost protection

Down to -4°F / -20°C

Submersed or inline installation

Integrated mounting holes in the base enable fixed installation to the floor
Resistance to chlorine and seawater (pool and salt water capable)



*High-performance powerhouse with low energy consumption offers significant energy savings
*Patented frost protection to -20°C

*Switchable SFC function, enabling an additional 30% savings in energy costs, depending on the water temperature

Connection for DMX-RDM control devices- Innovative, convenient and handy, the AquaMax Eco Expert pumps can be easily regulated and controlled by devices, such as the AquaMax Eco Control via a DMX-RDM connection



The energy-efficient and high-performance AquaMax Eco Expert is outstandingly suited for feeding large filter systems, as well as demanding watercourses and waterfalls. Innovative controller and FM-Master WLAN with DMX-RDM interface for individual capacity regulation and query, as accessories.

Compact base

Integrated fixing holes in the base facilitate fixed installation on the pond floor, as needed.

Convenient operation

The ergonomic handle, aligned with the pump's centre of gravity facilitates transport and installation. The switch for SFC function is practically positioned directly on the handle.



PUMPS (12v)

OASE ECO-Premium 12V

P

OASE Aquamax Eco-Premium 6000 12V	PP3401	788.00
OASE Aquamax Eco-Premium 12000 12V	PP3402	985.80

***Outstanding energy efficiency and displacement capacity**

***Perfect in swim ponds and bathing ponds thanks to safe 12-volt technology**

***Simultaneous supply of debris through connection of filter accessories on the patented, second inlet**



AQUAFORTE-O 12v

L

The First affordable low voltage pumps! Ideal for swimming ponds or other applications where low voltages is desired.

- *Very energy efficient pumps with innovative electronics!**
- *Low noise operation.**
- *Suited for fresh and salt water!**
- *No copper parts.**
- *Durable ceramic shaft.**
- *Pump stops automatically when no water is detected inside the rotor.**
- *When the impeller is blocked it will go into a "lock" position in which the pump does not use power and waits until the blockage is gone. This will prevent a motor burn out.**
- *Competitive priced dirty-water pumps for water gardens, waterfalls, fountains, filters, etc.**
- *Can pump solids up to 6mm. 2 year warranty. Suited for dry application (inlet must be under water level).**



Aquaforte O-6500LV (12V for swimming ponds etc.)	PP3811	210.68
Aquaforte O-1000LV (12V for swimming ponds etc.)	PP3812	269.41

AIR PUMPS

Fuji MAC

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FujiMAC's 30-year track record of producing the world's best diaphragm air pump has been achieved through stringent quality control. FujiMAC is MADE IN JAPAN. 100 per cent of design, production and testing is performed in Japan.



FUJIMAC 40 *UK*	AP600	234.38
FUJIMAC 60 *UK*	AP601	264.42
FUJIMAC 100 *UK*	AP602	400.24
FUJIMAC 150 *UK*	AP603	640.63
FUJIMAC 200 *UK*	AP604	680.29
FUJIMAC 250 *UK*	AP605	852.16
FUJIMAC 300 *UK*	AP606	1003.61

Fuji MAC diaphragm air pumps are built to last.

The quietest and energy efficient diaphragm air pump is also the most rugged and longest lasting. And when it does need maintenance, 15 minutes with a few simple tools will have your pump ready for years more reliable service.

Compact – high quality Japanese internal components, including a small powerful rare earth magnet means FujiMAC is smaller than competing pumps

Oil less – a floating rare earth magnet and two proprietary synthetic diaphragms are the only moving parts, which means no pistons, bearings or other wear items.

Built in safety switch – FujiMAC air pumps all feature a reliable electrical circuit breaker. The resettable switch will interrupt pump power in the event of a diaphragm failure to prevent internal damage. This allows a simple and quick rebuilt rather than pump replacement.

Easy maintenance – FujiMAC pumps can be rebuilt in approximately 15 minutes using two common hand tools.

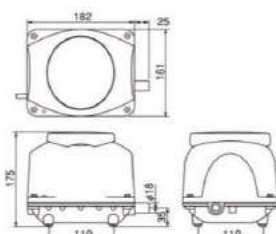
Stable air flow – FujiMAC performance does not degrade over time, ensuring reliable wastewater treatment. These pumps

are also not subject to uneven air pulses, but instead deliver smooth even airflow.

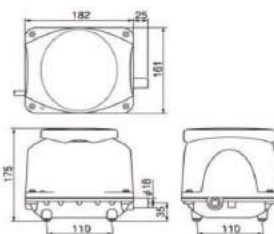
Convenient sizes – FujiMAC pumps come in two physical sizes, and the six pumps in the model range share many internal parts, which makes stocking spares an easy task. The FujiMAC model designation indicates the pumps air production in litres per minute.

Model Name	MAC40R	MAC60R	MAC80R	MAC100R	MAC120R	MAC150R	MAC200R
Air Flow Volume	1.4CFM	2.1CFM	2.8CFM	3.5CFM	4.2CFM	5.3CFM	7.0CFM
Normal Pressure	1.7PSI	2.2PSI		2.6PSI		2.9PSI	
Outlet Diameter	13mm (external dia. 18mm)				20mm (external dia. 26mm)		
Weight	4.5kg	5.0kg			8.5kg	9.0kg	
Power Consumption	34W	45W	54W	83W	98W	120W	170W
Power Cable	1.5m						

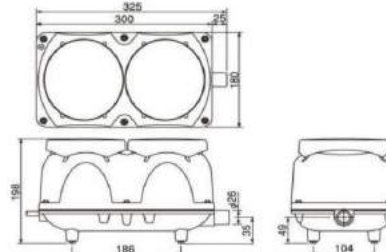
MAC40R/MAC60R



MAC80R/MAC100R



MAC120R/MAC150R/MAC200R



AIR PUMPS

Medo Air pumps

H

Medo LA28B	AP373	123.50
Medo LA45C	AP374	156.75
Medo LA60B	AP375	211.38
Medo LA80B	AP376	239.88
Medo LA100A	AP377	420.38
Medo LA120A	AP378	444.13
Medo LAM-200	AP379	648.38
Medo LA45 Foam Filter	AP380	3.46
Medo LA80 Foam Filter	AP381	5.14
Medo LA28 Service Kit	AP382	40.43
Medo LA45 Service Kit	AP385	40.43

Medo Air pumps linear-motor-driven Free Piston System has an internal piston inside the cylinder which is driven by an electro-magnet and spring system controlled by the alternating input current cycle. The Medo Air pumps piston forms a single combined structure of two usually different devices; motor and pump.

Medo Air pumps are quiet and vibration free, and offers the advantages of easy maintenance and a long operating life.

Medo Air pumps Fewer Components-

The Medo Air Pumps unique and simple structure has no complicated transmission mechanism such as a crankshaft, connecting rods, ball bearings, etc., which are widely used in between the motor and compressor in conventional pumps.

Nitto Air Pumps Linear Pump Operating Principle-

Within the Medo Air pump the activated electro-magnet attracts the piston against the return spring, while air is taken into the cylinder through the opened inlet valve. When the electro-magnet is deactivated, the return spring pushes the piston back, and the compressed air is brought out of the cylinder through the now open outlet valve. Medo Air pumps can function as either an air compressor or as a vacuum pump.



Hi-Blow Airpumps

I

Hi-Blow XP40 (lower wattage)	AP490	198.85
Hi-Blow XP60 (lower wattage)	AP491	273.64
Hi-Blow XP80 (lower wattage)	AP492	286.36

Hi-Blow HP40	AP394	186.02
Hi-Blow HP80	AP395	260.25
Hi-Blow HP100	AP396	409.04
Hi-Blow HP200	AP397	649.27
Diaphragm Block for Hi-Blow 40 2pcs	AP399	60.46
Diaphragm Block for Hi-Blow 80 2pcs	AP400	67.65



The Hi Blow air Pumps offers a full range of linear diaphragm pumps, providing solutions to meet a broad range of requirements in Medical, Industrial, Environmental and Consumer applications.

Whenever your requirements call for a pump providing clean oil-less air, extremely quiet operation, long life, low power consumption, low vibration, and low starting current, the Hi Blow Air Pumps are the solution.

AIR PUMPS

Superfish

I

SF POND AERATION KIT NUMBER 1 *UK*	AP401	12.75
SF POND AERATION KIT NUMBER 2 *UK*	AP402	18.90
SF AIR-BOX NR.2 *UK*	AP403	25.99
SF AIR-BOX NR.4 *UK*	AP404	45.84
SF KOI FLOW 20 PROF.AERATION SET *UK*	AP405	72.67
SF KOI FLOW 30 PROF.AERATION SET *UK*	AP406	86.26
SF KOI FLOW 60 PROF.AERATION SET *UK*	AP407	131.76

The Superfish Koi Flow range of air pumps are supplied complete with plastic 6-way manifold, six airstones, 50 metres of airline and a replacement diaphragm kit. Everything you need to get you started and supply that much needed oxygen to your pond.



Aquaforte V-Flow

E

Air pump Flow V-10	AP480	36.72
Air pump Flow V-20	AP481	50.38
Air pump Flow V-30	AP482	61.86
Air pump Flow V-60	AP483	111.64
Membrane Flow V-10	AP4835	2.93
Membrane Flow V-20	AP4836	3.16
Membrane Flow V-30	AP4837	3.16
Membrane Flow V-60	AP4838	3.51
Air chamber Flow V-10	AP4839	2.68
Air chamber Flow V-20	AP4840	3.16
Air chamber Flow V-30	AP4841	3.82
Air chamber Flow V-60 (untill 10-2010)	AP4842	5.78
Air chamber Flow V-60(after 10-2010) L+R	AP4843	11.65
Air pump Flow V-10 SET (with line / stones)	AP4831	56.24
Air pump Flow V-20 SET (with line / stones)	AP4832	73.90
Air pump Flow V-30 SET (with line / stones)	AP4833	89.13
Air pump Flow V-60 SET (with line / stones)	AP4834	147.25

The V-series competitively priced airpumps which are both powerful and quiet. The casing is made from high quality alluminium alloy. These pumps have a good pressure and a high output due to the double air chamber.

Europe's most popular air pumps are now available as complete sets with manifold, air hose (4 x 6mm) and Ø5cm air stones.



AIR PUMPS

AirTech (EA)

AirTech 70 (Complete Airpump Kit)	AP4195	176.34
AirTech 75ltr	AP4196	210.45
AirTech 95ltr	AP4197	275.59
AirTech 130ltr	AP4198	350.78
AirTech 150ltr	AP4199	461.04
Diaphragms for Airtec 70	AP4844	52.87
Diaphragms for Airtec 75	AP4845	52.87
Diaphragms for Airtec 95	AP4846	66.09
Diaphragms for Airtec 130	AP4847	90.97
Diaphragms for Airtec 150	AP4848	90.97



Koi PRO

SUPERFISH AIR BLOW 50 *UK*	AP390	139.03
SUPERFISH AIR BLOW 100 *UK*	AP391	176.04
Diaphragm Set for Air BLow 50	AP392	17.50



The Koi-Pro is a professional high quality air pump, specially developed for a high air output, even at depth. It is also well suited for connection to breeding systems, sales systems and quarantine systems with many outflow points. ***Comes complete with 3/8th Airline adaptor, rubber and 10-way plastic manifold.**

Yamitsu Hi-Flow

Yamitsu Hi-flow 50	AP398	113.30
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The Yamitsu Air Pump is capable of providing sufficient pressure at an output of 50 litres per minute at a depth of 4 feet. This makes it suitable for ponds and large aquariums. The Yamitsu 50 litres Air Pump is supplied complete with two spare diaphragms, two inlet valve assemblies and a high quality chrome manifold with ten individual taps.



4mm airline

Silicone Airline (per meter)	AP408	0.46
Silicone Airline (100m roll)	AP409	29.58
Silicone Airline 30mtrs	AP410	13.10
4mm Clear Plastic Airline (25m roll)	AP411	5.56
4mm Black Plastic airline (30m roll)	AP484	5.56
EA 4mm Sinking Airline (100mtr roll)	AP488	421.97
EA 4mm Sinking Airline (per meter)	AP489	4.53
EA 8mm Sinking Airline (50mtr roll)	AP500	389.50
EA 8mm Sinking Airline (per meter)	AP501	8.40
EA 10mm Sinking Airline (30mtr roll)	AP502	298.64
EA 10mm Sinking Airline (per meter)	AP503	10.74



Braided airline

3/8" Black Braided Airline (30m roll)	AP412	21.00
10mm Clear Braided airline	AP487	33.74



Air Accessories

4mm airline fittings

L

Air Taps (stainless Steel)	AP413	1.45
Non-Return Valve (Small airline 4mm)	AP429	1.45
Plastic Tee 4mm	AP430	0.28
Plastic Tee 4mm (box of 100)	AP430B	26.00
Plastic 90 bend 4mm	AP432	0.25
Plastic 90 bend 4mm (Box of 100)	AP432B	23.00
Plastic Straight Con 4mm	AP434	0.21
Plastic Straight Con 4mm (Box of 100)	AP434B	18.98



9mm & 12mm airline fittings

L

9mm (3/8") 90 Elbow	AP414	2.25
9mm (3/8") Straight connector	AP415	1.58
9mm (3/8") Tee Piece	AP416	2.04
9mm (3/8") Y Piece	AP417	3.19
12mm Black Straight (Union)	AP610	4.45
12mm Black Elbow (Union)	AP611	4.45
12mm Black Tee (Union)	AP612	5.81
12mm Black Straight (Union) 1/4" Male thread	AP613	5.58
12mm Black Elbow (Union) 1/4" Male thread	AP614	6.69



9mm Non-return Valve

L

Non-Return Valve (Brass 3/8" Air Line)	AP428	11.54
Hose Tail 8mm to fit 3/8" Valves	AP437	3.46
Hose Tail 10mm to fit 3/8" Valves	AP438	3.46



9mm valve and rubber connector

H

DY 113-E 3/8" Air Tap and Connection	AP441	11.69
Rubber connecting piece for use with manifolds	AP485	7.32



Venturis

L

AquaJet Clear Venturi with split unions	AP486	23.63
Economy Venturis	AP436	15.87



Air accessories

Ceramic flat air discs

P

DY 102-A Air Disc 200ml Dia	AP454	37.69
DY 102-A Air Disc 200ml Dia (Budget)	AP4541	30.47
DY 104-A Air Disc 120ml Dia	AP455	13.05

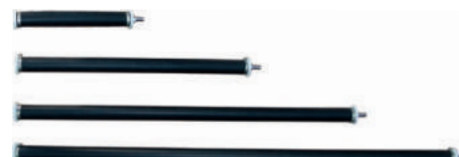
These high quality long life air stones are made from a refined ceramic compound. They produce very fine aeration and can be used in conjunction with any good air pump. All of the ceramic air products listed have plastic end housings which protect the air stone against abrasive contact from any surrounding surfaces.



Rubber air diffusers

H

DY 1002-10 250mm Rubber Air Diffuser	AP471	20.57
DY 1002-20 510mm Rubber Air Diffuser	AP472	27.06
DY 1002-30 760mm Rubber Air Diffuser	AP473	34.49
DY 1002-40 1mtr Rubber Air Diffuser	AP474	41.91



Airstones

V

Economy 2" Round Air Stones	AP477	1.66
DY 102-B 50x300ml	AP456	33.46
DY 102-D 50x200ml	AP459	26.67
DY 103-A 30x130ml	AP466	7.15
DY 105-A 50ml Dia Round Ceramic	AP469	5.69

These high quality long life air stones are made from a refined ceramic compound. They produce very fine aeration and can be used in conjunction with any good air pump. All of the ceramic air products listed have plastic end housings which protect the air stone against abrasive contact from any surrounding surfaces.



Rubber dome diffusers - **NEW!**

E

Pro-line Air dome 25cm	AP4421	32.73
Pro-line Air dome 34cm	AP4422	42.27

Professional rubber membrane aerators, suitable for Industrial applications and pond aeration.

The connection on the bottom is 3/4inch male BSP thread



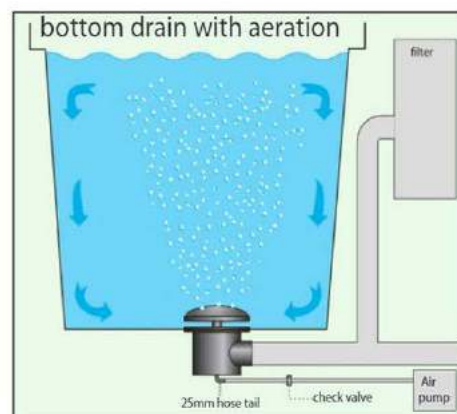
Air accessories

Aerated bottom drains **NEW!**

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Bottom drain ("heavy duty") with a rubber membrane dome (type 1) for the aeration of ponds. Diameter of the dome is 38 cm (air membrane Ø34cm). Recommended air flow is ± 20 ltr per metre water depth. Type 2 is a "free standing unit" aerator. Type 3 is an aerated dome to fit on existing bottom drain.

NOTE: you can use the aerated dome on every bottom drain! The pipe connection to connect it to the dome is 50mm and 48,3 mm (English 1½ inch). Air hose adaptor 9mm.



Complete 110mm Bottom Drain with Aeration lid (pic 1)	AP4423	132.24
Free-Standing Bottom aeration dome (pic 2)	AP4424	114.82
Aerated dome for drain - 1.5" or 50mm stem (pic 3)	AP4425	94.06
Complete Bottom Drain with Aeration lid & 25mm (pic 4)	AP4426	124.04



Air taps / Manifolds (18mm)

H

SKS 6 Way Manifold (G.Q)	AP418	12.05
SKS 10 Way Manifold (G.Q)	AP419	19.89
4 Way 3/8" Hosetail Medo LA45/80 (inc tails)	AP421	33.15
2 Way 3/8" Hosetail (Blank) LA45+Hi-Blow 40 (inc tails)	AP422	16.75
2 Way 3/8" Hosetail (Cross) LA45+Hi-blow 40 (inc tails)	AP423	19.17
2 Way 3/8" Hosetail (Blank) LA45+Hi-Blow 40 (no tails)	AP424	15.67
2 Way 3/8" Hosetail (Cross) LA45+Hi-blow 40 (no tails)	AP425	16.51
1 Way 3/8" Hosetail (No Valve) (inc tail)	AP426	10.61
Single Straight through Valve (3/8") LA45+Hi-Blow 40	AP427	11.93
1/4" Mini Ball Valve (Female thread - Female thread)	AP615	7.38



Air taps / Manifolds (26mm)

H

SKS 10 Way Manifold Large (G.Q)	AP4191	21.33
4 Way 3/8" Hosetail Medo 100+120 (inc tails)	AP420	39.78



Air accessories - Spindrifter

Spindrifter bottom drains

E

Spindrifter 4" Pressure Bottom Drain for Concrete (1" Duct)	AP4451	173.09
Spindrifter 4" Pressure Bottom Drain - Concrete (1" Duct) TWIN INLETS - NEW	AP4451TW	192.55
Liner flange kit for 4" Spindrifter	AP4451b	16.77
Spindrifter 3" Bottom Drain Liner	AP448	183.47
Spindrifter 2" Bottom Drain Liner	AP450	132.10

Direct air feed set (1" pressure converters)	AP4511	19.96
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4inch Socket to 110mm plain male converter (for drains)	PW621	9.84
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NEW - Twin Outlet version available



By using the converter set you can seal the ends of the ducting pipe (either 1" or 40mm) and use it to pump the air through thus avoiding a column of stagnant water.



The **Spindrifter bottom drain** is known worldwide for its quality and design. This unit completely replaces the "Standard Bottom Drain." The most noticeable feature is the extra connection in the sump of the drain. This allows the air supply hose to enter the sump independently of the water outlet pipe, thus eliminating the possibility of restriction to the water flow and somewhere else for blanket weed to attach. The membrane and backing plate fit into a recess in the specially manufactured dome (provided). The recess in the dome prevents the membrane from becoming detached. The complete assembly is secured to the bottom drain by means of stem, which also provides the air inlet. Most water pipe sizes can be accommodated, the customer to specify. The air inlet is via a nickel plated connector.

Spindrifter drain lid

E

Spindrifter Drain Lid	AP4851	93.15
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An ideal solution if you already have a traditional bottom drain installed. The Spindrifter Aerated Drain lid replaces the standard dome on your 4" bottom drain. The unit has a wide diameter rubber insert with thousands of tiny holes to allow the air flow to come out. The air line supply can either be inserted inside the length of the bottom drain pipe – coming out at a convenient place near to where your Air pump will be situated, or it can, be simply run across the base of the pond to your Air pump.

*Ideal for all types of bottom drains.

*EDPM rubber membrane which can be replaced.

*Suitable for up to 80 ltrs of air at 6ft depth.



Spindrifter free-standing dome

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Spindrifter Air Domes Freestanding S/S	AP442	111.00
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This Spindrifter Free standing Air Dome is ideal for ponds, filters or quarantine, or Growing on tanks. Stainless Steel weighted base with 250mm aerator diaphragm made from EPDM. 10mm Air hose connector.



UVC

EVO-UV

J

Evolution Aqua's innovative Evo UV range comprises of three sizes of UV Clarifier for use in garden ponds, and since the moment of their release they have quickly become firm favourites with pond keepers all over Europe and beyond. You can choose from either the Evo15, Evo25, Evo30, Evo55, covering a wide range of pond sizes from your little wildlife pond strait to your large Koi ponds.

Larger intensities of UV light cause free floating algae blooms to fuse together into larger particles and die, allowing them to be captured by the media in your pond filter and be broken down, leaving you with cleaner water. They have unique design that gives less head loss than other manufacturers models, saving energy costs by negating the need for a more expensive pump

There are quite a few on the market now, however the EVO range has developed a reputation for reliability, efficiency and an ability to get great results - near perfect water clarity.

Evo15:

Max Pond Size, 15,000ltr
Max Flow Rate, 7500ltr
Bulb Size: 15w (15w bulb)
Inlet / Outlet Size: 25mm, 32mm or 40mm
Dimensions: L58cm x W16.7cm x D8.8cm

Evo25:

Max Pond Size, 20,000ltr
Max Flow Rate, 10,000ltr
Bulb Size: 25w (25w bulb)
Inlet / Outlet Size: 25mm, 32mm or 40mm
Dimensions: L58cm x W16.7cm x D8.8cm

Evo30:

Max Pond Size, 30,000ltr
Max Flow Rate, 15,000ltr
Bulb Size: 30w (30w bulb)
Inlet / Outlet Size: 25mm, 32mm or 40mm
Dimensions: L98cm x W16.7cm x D8.8cm

Evo55:

Max Pond Size, 55,000ltr
Max Flow Rate, 20,000ltr
Bulb Size: 55w (55w bulb)
Inlet / Outlet Size: 25mm, 32mm or 40mm (Anti Kink Pipe)
Dimensions: L98cm x W16.7cm x D8.8cm

Evo75:

Max Pond Size, 75,000ltr
Max Flow Rate, 25,000ltr
Bulb Size: 75w
Inlet / Outlet Size: 1.5" (Anti Kink Pipe)
Dimensions: 128cm Length x 16.7cm high x 8.8cm deep

Evo110:

Max Pond Size, 110,000ltr
Max Flow Rate, 25,000ltr
Bulb Size: 2 x 55w
Inlet / Outlet Size: 2"
Dimensions: 105cm Length x 23cm high x 16cm deep



EVO 15w UVC	UV5667	110.28
EVO 25w UVC	UV5668	120.33
EVO 30w UVC	UV5669	160.44
EVO 55w UVC	UV5670	190.55
EVO 75w UVC	UV5674	220.62
EVO 110w UVC	UV607	275.11
Replacement Lamp for EA 75w UVC	UV6071	33.67
EVO 15w / 25w replacement quartz	UV6072	10.20
EVO 30w / 55w replacement quartz	UV6073	15.37
EVO 75w replacement quartz	UV6074	20.49



OASE Bitron

P

OASE Bitron C 24	UV5684	393.61
OASE Bitron C 36	UV5685	460.72
OASE Bitron C 55	UV5686	520.43
OASE Bitron 72 C	UV5687	546.43
OASE Bitron 110 C	UV5688	576.65
OASE Bitron ECO 120	UV5689	820.04
OASE Bitron ECO 180	UV5690	921.44
OASE Bitron Gravity 55W	UV5691	717.28



-Clever bypass system
combines high flow rates with
duration of radiation

-Self cleaning thanks to patented
cleaning rotor

-Highly effective against
suspended algae, bacteria and
germs

Bitron C 24



Bitron C 36 / 55 / 72 / 110



UVC power	W	24	36	55	72	110
Max. flow rate	l/h	15000	30000	30000	40000	40000
Suitable for ponds up to max.	m3	25	40	60	75	110
Suitable for ponds with fish stock	m3	12,5	20	30	37,5	55
Suitable for ponds with koi	m3	6,5	10	15	19	27,5

Bitron ECO 120 / 180



The new Bitron Eco is a highly efficient UVC clarifier for high intensity treatment of suspended algae, substances that cause turbidity and harmful bacteria. It is available in a 120 W, 180 W or 240 W version and is suitable for ponds up to 240 m². The innovative UVC lamp technology enables high flow through rates at optimum energy efficiency with high energy-saving potential.

Bitron Gravity 55W



The Oase Bitron Gravity 55 Watt UVC has a stainless steel housing unit for good reflection rates and stability. Comes with stainless steel connection elements for easy installation. Energy efficient and is highly effective elimination of algae and bacteria. It has a visual function check and even comes with a adapter set for that it can be set up to be used with pump fed operation too.

UVC power	W	120	180	240	gravity 55
Max. flow rate	l/h	50000	50000	50000	12500
Suitable for ponds up to max.	m3	120	180	240	70
Suitable for ponds with fish stock	m3	60	90	120	40
Suitable for ponds with koi	m3	30	45	60	25

OASE Bitron premium

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- *100% protection against eye damage
 - *Energy efficient thanks to electronic ballast
 - *Exceptionally effective sterilisation thanks to the long retention time of the water in the Bitron
 - *Flow-optimised reactor design ensures direct and virtually loss-free UV radiation
 - *High-quality V4A stainless steel housing for stability and good reflection rates
 - *Extremely easy installation with stainless steel connection elements
 - *Flexible connection upstream or downstream of the ProfiClear filter system — as well as for other gravity-fed applications
 - *In the event of pond enlargements or an increase in fish stock, extension with additional Bitron Premium UVC devices is possible at any time
 - *Visual function check
 - *Horizontal or vertical setup possible
 - *Clear water guarantee when used in conjunction with OASE ProfiClear filters
 - *Depending on requirements, the Bitron Premium 120 W and 180 W lamps can be switched on individually
- Suitable for ponds up to 280.0 m³



***Comfortable & controllable**
Switch the individual UVC heads separately for efficient energy management.



***Easy installation**
Thanks to sturdy stainless steel fasteners.



***Array**



***Flexible installation**
Before or after the filter system.
Also ideal for other gravity-fed applications.



High quality V4A stainless steel housing- Provides stability and good reflection rates. Can be used even with increased salt content (dry setup).

Bitron Premium 60 W	UV800	724.86
Bitron Premium 120 W	UV801	1,276.74
Bitron Premium 180 W	UV802	1,693.77



TMCP Pro Pond Advantage UV110	UV5675	239.44
TMC Pro Clear UV55 Ultima	UV5676	153.02
TMC Pro Clear UV30 Ultima	UV5677	143.66
Quartz Sleeve for TMC 55w/30w	UV5680	16.68
Quartz Sleeve for TMC 25w/15w	UV5681	13.45
Ballast for TMC 55W	UV5682	69.80
Ballast for TMC 30W	UV5683	52.30



TMC pioneered the development of the UV Cleansing system and has manufactured them since the late 1970's. The Tmc Pond Clear Advantage works by halting the reproduction of algae. The ultraviolet radiation at a wavelength of 254 nanometers is extremely effective in doing so. At the heart of this the Tmc Pond Clear is an ultraviolet lamp sealed inside a quartz sleeve.



For ponds up to 10000 UK gallons / 45,000 litres

NOW WITH STEPPED TAILS

UV pond clarifiers

...the guaranteed solution for green water

Pro Clear UV Ultima

- 45° rotating hosetails allow you to easily install rigid or flexible pipework in any orientation.
- Hosetails are removable to quickly disconnect pipework for easy maintenance in situ.
- Transparent end caps make it easy to see if UV lamp is working.
- All wires concealed in an ergonomic sleek casing for improved water shedding.
- Easy lamp changes and range of spares available.
- Reliable; tried and tested electrics.

Turn your pond from this → to this! ...GUARANTEED*

GUARANTEED
24
MONTHS



For ponds up to
16000 UK gallons
/ 72,000 litres

Delta

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Delta Bio-UV series 15 Sterilizer 4400 galls (55W)	UV492	681.30
Delta Bio-UV series 20 Sterilizer 5500 galls (90W)	UV493	769.63
Delta Bio-UV series 40 Sterilizer 6600 galls(110w)	UV494	826.95
Delta-UV series 5 Replacement Bulb (35W)	UV495	96.10
Delta-UV series 10 Replacement Bulb (45W)	UV496	123.14
Delta-UV series 20 Replacement Bulb (90w)	UV498	145.24
Delta-UV series 40 Replacement Bulb (110w)	UV499	159.98
Delta-UV series 5 Replacement Quartz	UV500	168.40
Delta-UV series 10 Replacement Quartz	UV501	202.08
Delta-UV series 15 Replacement Quartz	UV502	223.13
Delta-UV series 20 Replacement Quartz	UV503	243.12
Delta-UV series 40 Replacement Quartz	UV504	259.96



A new series of professional Stainless Steel UVC-units for ponds, pools, whirlpools etc. The Delta Ultraviolet's Elektra® Pro Delta Bio-UV series of UV sanitizers have been in production since 1999. These 100% Stainless Steel housing systems have become the “Cadillac” of UV sanitizers for the Koi Pond industry and have gained a reputation second to none for quality, functionality, performance and reliability.

Five different model sizes are available for circulation systems with water flow rates from 800 GPH (3,600 LPH) to 3,450 GPH (15,600 LPH). All models are available in 120V and 240V 50/60 Hz electrical ratings for worldwide application.

Exclusive features, as mentioned above include a 316 stainless steel housing that allows for 360° rotation of the inlet and outlet unions for ease of installation. Another key exclusive feature not commonly found in similar units is the inclusion of unions at each end of the stainless steel housing to facilitate cleaning of the quartz tube, should it be necessary.

As you can clearly see from the image below these UV's can be mounted either vertically or horizontally.

Like all Delta Ultraviolet systems, Delta's propriety High Output (HO) low pressure lamp is capable of 30,000 µ/sec./cm2 output lamp end-of-life (EOL) when design flow rates are maintained. This is the same requirement for Class A drinking water. The long life lamp is rated at 9000 hours of continuous use (approximately 1 year).

The UV-5 and UV-10 models contain a 3" (076mm) Stainless Steel chamber, whilst the UV-4H10, UV-20, and UV-40 models each have a 4" (100mm) Stainless Steel chamber. All models have 63mm solvent connections.



UVC

T5 Submersible UV

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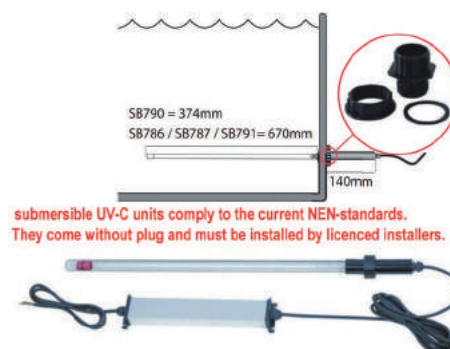
T5 Submersible 40W UVC	UV5875	204.73
T5 Submersible 75W UVC	UV5876	212.46
Replacement lamp for T5 Submersible 40W UVC	UV5877	42.75
Replacement lamp for T5 Submersible 75W UVC	UV5878	64.24
Replacement Quartz for T5 Submersible 40/75W	UV5879	39.52

Submersible UV-C lamps have a big advantage compared to conventional UV-C units: **no pressure loss!**

These lamps can be used in filter tanks so the water can pass without any resistance/pressure loss.

NOTE: the UV-C radiation range is limited (dependant on i.e. the water clarity) so only a part of the water flowing by is treated. The user himself is responsible for the dangers of exposure to UV-C radiation to the eyes! Use the supplied safety glasses and/or a safety switch that automatically switches the lamp off when you have access to the lamp.

Warning: Please be sure the lamp is always completely under water!



Bio-UV

C

Bio-UV 20 Steriliser 6250galls	UV479	1246.61
Bio-UV 30 Steriliser 10000galls	UV480	1746.61
Bio-UV 40 Steriliser 14000galls	UV481	2076.27
Bio-UV 10 Replacement Bulb	UV482	102.67
Bio-UV 20 Replacement Bulb	UV483	114.41
Bio-UV 30 Replacement Bulb	UV484	134.94
Bio-UV 40 Replacement Bulb	UV485	148.63
Bio-UV 10 Ballast	UV584	125.16
Bio-UV 20 Ballast	UV585	180.90
Bio-UV 30 Ballast	UV586	180.90
Bio-UV 40 Ballast	UV587	180.90

These UVC units are made of a high quality stainless steel (316L) and have an unequalled performance at high flow rates. The 150 mm diameter of the housing assures a minimum exposure of 2 seconds to UV radiation at the recommended flow rates. Due to the use of special "High Intensity" UV lamps with an output of 30.000 micro Watt (25.000 after 13000 hours) and the minimum exposure of 2 sec, they kill microscopic algae as well as 99.9% of harmful bacteria and viruses, including Aeromonas, Pseudomonas and Legionella!



Stainless Steel 316



The type of BIO-UV lamp should be based on an effective flow rate per hour, provided by the pump, rather than on the volume of the pond. BIO-UV lamps are used instead of chlorine for disinfection of swimming pools. Maximum continuous pressure: 3 bar, maximum water temperature 40°C. 13000 Hours of effective use (performance is measured after 13000 hours of use).

UVC

Yamitsu Algae Master

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Yamitsu 110W	UV517	378.86
Yamitsu 55W	UV518	173.87
Yamitsu 30W	UV519	155.20
Yamitsu 25W	UV520	128.07
Yamitsu 15W	UV521	104.08
Yamitsu 11W	UV522	81.41
Replacement Electrics (Yamitsu 55W)	UV546	90.02
Replacement Electrics (Yamitsu 30W)	UV547	74.86
Replacement Electrics (Yamitsu 25W)	UV603	72.22
Replacement Electrics (Yamitsu 15W)	UV548	63.16
Yamitsu "End Caps"	UV549	1.41



Yamitsu **algae master** uv's are made from UV stabilised materials to ensure a longer life and incorporate turbulators to enhance the unit's performance. Large inlet and exhaust ports make the algae master uv suitable for a wide range of pond uv applications. It is recommended that the algae master uv should be installed using solid solvent weld pipe.

All algae master uv's come complete with (glue in) hosetails enabling them to be connected to ½", ¾", 1", 1¼" and 1½" flexible pipe. Algae master uv's will also fit most popular 1½" household solvent weld waste and pressure pipes.

Algae Master Pond UV Installation-

If you have a severe algae problem you should effect a partial water change before starting the installation. Yamitsu Algae Master Pond UV can be added to any existing filtration system. For best results algae master units should be fitted in line, after the pump, with water being forced through them. Use the largest size of pipe possible. If hosetails are to be used, it is very important that they are trimmed to the largest possible size that will fit inside the flexible pipe (before glueing in place). This will ensure that the maximum flow rate can be obtained for the size of pipe.

REPLACEMENT QUARTZ SLEEVES ALWAYS IN STOCK



Quartz Sleeve (55/30W Yamitsu)	UV530	33.44
Quartz Sleeve (15/25W Yamitsu)	UV531	18.70
Quartz Sleeve (8W Yamitsu)	UV532	13.16
Quartz Sleeve (6/11W Yamitsu)	UV533	13.16

Smart Start UVCs

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24W Smart Start (Plastic body) UVC (Energy efficient!)	UV557	89.16
36W Smart Start (Plastic body) UVC (Energy efficient!)	UV558	107.01
48W Smart Start (Plastic body) UVC (Energy efficient!)	UV559	152.77
72W Smart-Start (Plastic body) UVC (Energy efficient!)	UV560	175.77
144W Smart Start (Plastic Body) UVC (Energy efficient!)	UV561	375.84
24W Smart Start (Stainless-steel body) UVC (Energy efficient!)	UV562	170.47
36W Smart Start (Stainless-steel body) UVC (Energy efficient!)	UV563	174.35
48W Smart Start (Stainless steel body) UVC (Energy efficient!)	UV564	231.25
72W Smart-Start (Stainless-steel body) UVC (Energy efficient!)	UV565	260.11
144W Smart Start (Stainless steel body) UVC (Energy efficient!)	UV566	565.96
Quartz Sleeve 24W Smart Start	UV5671	30.47
Quartz Sleeve 36W Smart Start	UV5672	30.47
Quartz Sleeve 48W / 72W Smart Start	UV5673	55.78
Smart Start 24W Lamp	UV570	37.80
Smart Start 36W Lamp	UV571	43.02
Smart Start 48W Lamp (2 x 24W)	UV572B	75.59
Smart Start 72W Lamp (2 x 36W)	UV573B	86.04
Smart Start 144W Lamp (4 x 36W)	UV574B	172.07

Key features of the Eco Smartstart Uv 24 Watt Clarifier include a unique starter ballast unit built into the Smartstart lamp, which unlike conventional ballasts offers consistent light performance throughout the year when the replacement of the Smartstart lamp is equal to installing a new ballast.

The unique Smartstart germicidal lamp is rated for 9,000 hours of use (better than many competitors 5,000 hours), and with Cloverleaf's spiral flow chamber optimum performance is achieved – with an improved efficiency of 35% above conventional plastic bodied UV's.



Aquaforce PURE and stainless UVC

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AQUA FORTE

PURE 30W & 55W



Aquaforce PURE UVC

- Uses standard 30 and 55 watt TL lamps and quartz sleeves.
- Large reactor housing provides long exposure to UV-C radiation!
- Water distribution ensures optimal contact with UV-C light.
- Special guide in the housing for easy installation of quartz sleeve.
- Also suitable for salt water!
- Housing is earthed for safe use.
- 3 x 1½" female threaded connections. Max. pressure: 0.7 bar.
- Includes 2x 25/32/40mm hose tails and transparent 1½" plug



Power-UV 30W & 55W

Aquaforce Power UV

The TL version of the very popular AquaForte POWER UV.



Power-UV 110W

- The 30 & 55 watt models are fitted with 3 connections (2xØ63mm, 1x blind cap)
- The 110 watt (2 x 55w) has 2 connections of Ø63mm
- All models come with 2 special hose tails of 50/40/38/32 mm

AquaForte Pure UVC 55W	UV5692	161.64
AquaForte Pure UVC 30W	UV5693	226.33
Aquaforce POWER UV TL 30W	UV5172	213.09
Aquaforce POWER UV TL 55W	UV5173	224.19
Aquaforce POWER UV TL 110W	UV5174	406.98

UVC

X-Clear Ultraflex

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X-Clear Ultraflex 75W T5 High Efficiency UVC	UV5500	204.48
Replacement T5 75W lamp	UV5494	66.83
Replacement Quartz for Ultraflex 75W	UV5505	37.93
Replacement Ballast for Ultraflex 75W	UV5506	86.05



The ultimate lamp for flexible connection possibilities. Thanks to the union on the bottom, the lamp can be connected with 360° flexibility. This is ideal for corner connections or to combine several lamps. The units are supplied with an electronic transformer for an optimal function. The T5 lamp provides a disinfection value of 25.000 microwatt. The unit has Ø63mm glue connections with reducer rings to 50mm/1½". Max. working pressure: 2 bar. The Ultraflex keeps the growth of algae and bacteria under control.



X-Clear Professional UVC

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X-Clear Professional UV-C 18w	UV5516	236.51
X-Clear Professional UV-C 36w	UV5517	273.39
X-Clear Professional UV-C 55w	UV5518	335.23
X-Clear Professional UV-C 110mm 75w T5	UV5519	424.09
X-Clear Professional UV-C 110mm 130w amalgam	UV5520	796.31



Type	UV-C Lamp	Pond volume	Max. flow	Max. Pressure
Professional UV-C 18W	18 Watt PL-L	15.000 L	6.000 L/h	2 Bar
Professional UV-C 36W	36 Watt PL-L	35.000 L	10.000 L/h	2 Bar
Professional UV-C 55W	55 Watt PL-L	55.000 L	15.000 L/h	2 Bar

The Professional UV-C is equipped with high-quality components combined with a Philips PL UV-C lamp.

- Guaranteed maximum performance and durability.
- Stainless Steel body for maximum durability.
- These disinfection systems come with 63mm PVC connection fittings with adaptors to 50mm/1½" fem. threading.
- These disinfection systems come with hose connectors 1½" – 40/32/25mm.

UVC

Budget Flex

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X-Clear Budgetflex T5 40W High efficiency UVC	UV5491	162.97
X-Clear Budgetflex T5 75W High efficiency UVC	UV5492	163.98
Replacement T5 40W lamp	UV5493	42.90



Available in 40 and 75 watt. Comes with electronic ballast for optimal performance. The T5 lamp provides a disinfection value of 25.000 microwatt. 63 mm solvent connections including reducer ring to 50mm / 1½" fem.thr. Max. pressure: 2 bar.

The UV-C radiation neutralises bacteria (including Legionella bacteria), viruses and other primitive organisms and prevents propagation.

Ballast for Budgetflex T5 40W	UV5495	85.71
Ballast for Budgetflex T5 75W	UV5496	86.05
Quartz Sleeve for Budgetflex	UV5497	36.57

Amalgam UVC

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Amalgam 40W Submersible UVC (3 piece)	UV589	211.09
Amalgam 80W Submersible UVC (3 piece)	UV590	300.69
Replacement lamp for Amalgam 40W Submersible	UV591	125.19
Replacement lamp for Amalgam 80W Submersible	UV592	141.15
Replacement Quartz for Amalgam 40W Submersible	UV5921	44.55
Replacement Quartz for Amalgam 80W Submersible	UV5922	41.12
32mm Connector for submersible UVC Mounting	UV5923	14.30



Submersible UV-C lamps have a big advantage compared to conventional UV-C units: **No pressure loss!**

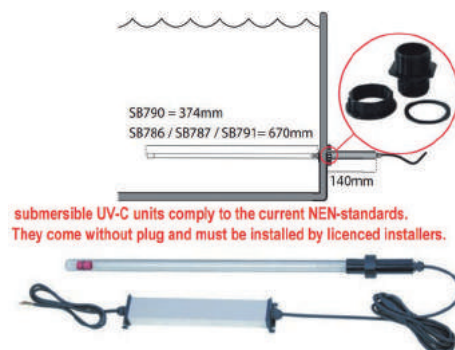
These lamps can be used in filter tanks so the water can pass without any resistance/pressure loss

NOTE: the UV-C radiation range is limited (dependant on i.e. the water clarity) so only a part of the flowing water is treated. The user is responsible for the dangers of exposure to UV-C radiation to the eyes!

Use the supplied safety glasses and/or a safety switch that automatically switches the lamp off when you have access to the lamp.

Warning: Please make sure the lamp is always completely under water!

The plastic end of the lamp has a 32mm diameter so you can use 32mm pipe clips to mount the lamp in a tank. The T5 lamp has a 9000 hours lifespan and a 25.000 microwatt output. A special tank connector is now available for direct installation in i.e. filters (see picture). For mounting it needs a hole of $\pm \varnothing 48\text{mm}$ (1½" male threading).



UVC

Amalgam - Super UV

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Available in 40w / 55w / 75w / 105w (The same ballast is used for each size)

The Amalgam Submersible UVC is the most effective form of uvc to date !

The Air Aqua Super UV Amalgam Submersible UV provides radiation with a wavelength of 253.7nm which is generated by the special light source UV lamp, Ensuring a lethal effect on bacteria. The Super UV Amalgam radiation neutralises bacteria, viruses and other primitive organisms, stopping them from multiplying. The unit has a built in high frequency electronic ballast which absorbs current fluctuations and protects the lamp inside the unit. The Air Aqua UV-C Amalgam Submersible UV 40 watt has an integrated control panel which allows you to see when the lamp needs to be replaced.

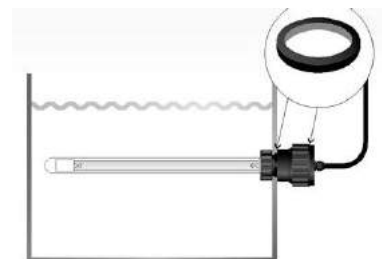
Benefits of the Amalgam compared to standard T5 or TL lamps:

- extremely high efficiency
- lamp's service life is 13.000 hours
- clearer water
- UV radiation capacity during service life declines at a reduced rate
- better able to withstand switching the lamp on and off

Super UV 40W Amalgam (inc Balast) complete	UV5694	297.56
Super UV 55W Amalgam (inc Balast) complete	UV5695	309.12
Super UV 75W Amalgam (inc Balast) complete	UV5696	320.68
Super UV 105W Amalgam (inc Balast) complete	UV5697	349.61
Electrics for Super UV (Ballast)	UV5698	147.20
Super UV 40W Replacement lamp/quartz	UV5699	150.36
Super UV 55W Replacement lamp/quartz	UV5700	161.92
Super UV 75W Replacement lamp/quartz	UV5701	173.50
Super UV 105W Replacement lamp/quartz	UV5702	202.42

Filtreau Amalgam UV

G



FILTREAU™ UVC

ADVANTAGES

- Made in The Netherlands.
- LED indication when the lamp needs replacing.
- Amalgam UV-C lamp incl. long-life technology (12.000Hours).
- Perfectly matched electronic ballast and UV-C lamp.
- Energy efficient and environmentally friendly.
- 2 year warranty on manufacturing defects.
- Completely automatic control.
- Very low maintenance.
- Very small pumps required, no pressure pumps needed anymore.
- Extra safety switch, when the water-level is too low it switches to 'Safety-mode'

Filtreau 40w amalgam Submersible (inc tank con)	UV700	152.07
Filtreau 40w amalgam Replacement Lamp	UV701	32.01
Filtreau 80w amalgam Submersible (inc tank con)	UV702	160.88
Filtreau 80w amalgam Replacement Lamp	UV703	43.03

UVC

OASE Bitron Lamps and quartz

T

11W OASE Lamp (for bitron)	UV552	27.51
18W OASE Lamp (for bitron)	UV553	52.81
24W OASE Lamp (for bitron)	UV554	55.70
36W OASE Lamp (for bitron)	UV555	62.65
55W OASE Lamp (for bitron)	UV556	66.78
Quartz sleeve for OASE Bitron C 18w/24w	UV5561	45.47
Quartz sleeve for OASE Bitron C 36w/55w	UV5562	60.62
Quartz sleeve for OASE FiltoClear 12000	UV5563	47.00
Quartz sleeve for OASE FiltoClear 16000	UV5564	47.00
Quartz sleeve for OASE FiltoClear 20000/30000	UV5565	47.00



***High quality UVC bulbs for clear water**

Phillips & Osram Lamps

L

55W Phillips Lamps	UV534	22.52
55W Phillips Lamps Box of 6	UV534B	135.14
30W Phillips Lamps	UV536	17.48
30W Phillips Lamps Box of 25	UV536B	16.81
25W Phillips Lamps	UV538	13.18
16W Phillips Lamps	UV539	16.91
15W Phillips Lamps	UV540	12.01
11W PLS Phillips Lamps (single ended)	UV541	13.11
11W Phillips Lamps	UV542	12.46
9W PLS Phillips Lamps (single ended)	UV543	11.36
8W Phillips Lamps	UV544	13.11
6W Phillips Lamps	UV545	12.65



55W Osram Lamps	UV601	14.38
55W Osram Lamps (Box of 25)	UV601B	359.38
30W Osram Lamps	UV602	12.91
30W Osram Lamps (Box of 10)	UV602B	129.06
25W Osram Lamps	UV5445	11.81
15W Osram Lamps	UV5446	8.19



***High quality UVC bulbs for clear water**

X-Clear UV Lamps

H

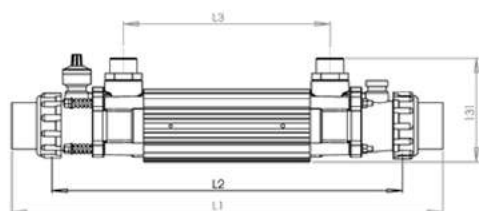
55W Aquaforte Economy PLL (4 pin) Lamps (Fits OASE)	UV6010	17.54
36W Aquaforte Economy PLL (4 pin) Lamps (Fits OASE)	UV6011	14.58
24W Aquaforte Economy PLL (4 pin) Lamps (Fits OASE)	UV6012	13.35
18W Aquaforte Economy PLL Lamps	UV6013	12.30
11W Aquaforte Economy PLS Lamps	UV6014	7.30
9W Aquaforte Economy PLS Lamps	UV6015	6.81



Heating

Electro Heat Exchangers

D



Electro G2 Multi Tubular Heat Exchanger 30-kW (102K BTU) NEW	HE8032	341.25
Electro G2 Multi Tubular Heat Exchanger 49-kW (167K BTU) NEW	HE8033	420.47
Electro G2 Multi Tubular Heat Exchanger 85-kW (290K BTU) NEW	HE8034	515.94
Electro G2 Multi Tubular Heat Exchanger 122-kW (416K BTU) NEW	HE8035	721.09
Electro Poolsmart PLUS Toughscreen Heating controller NEW	HE8036	357.50

PRODUCT CODES	STANDARD POWER OUTPUT	DIMENSION 'L1'	DIMENSION 'L2'	DIMENSION 'L3'	NET WEIGHT	GROSS WEIGHT	VOLUME
		mm	mm	mm	kg	kg	m³
HE8032	30-kW (102K BTU)	540	426	247	3.5	3.9	0.016
HE8033	49-kW (167K BTU)	710	596	417	4.5	5.0	0.021
HE8034	85-kW (290K BTU)	840	726	547	5.3	6.3	0.026
HE8035	122-kW (416K BTU)	1000	886	707	6.4	7.6	0.037



Stainless steel Heat Exchangers

L

60,000 BTU Heat Exchanger	HE794	286.90
100,000 BTU Heat Exchanger	HE795	300.14
130,000 BTU Heat Exchanger	HE796	336.54
170,000 BTU Heat Exchanger	HE797	356.66
230,000 BTU Heat Exchanger	HE798	435.60

Heater exchangers are designed to transfer heat from the (boiler water) into the pond water using a internal network of small veins. The pond water is pumped through a jacket around the outside of the boiler water.



Submersible heat exchangers

H

Small Stainless Steel Submersible Heat Exchanger 15kW	HE793	127.99
Large Stainless Steel Submersible Heat Exchanger 30kW	HE853	168.24

As used for many years in Japan at some fish farmers indoor facilities. These 316 stainless steel heat exchangers are designed to be fully submersed in the pond or pool. Hot water (from boiler) is pumped through the stainless steel core and the heat slowly transfers into the pond/pool water.



Pro-Line Digital Thermostat

L

PRO-line Digi-Stat (With 3mtr Probe)	HE791	151.31
3m Probe for Digi-stat	HE792	12.12
6m Probe for Digi-stat	HE7921	18.71
10m Probe for Digi-stat	HE7922	30.15

The Proline Digi-Stat is designed to give automatic temperature control for Koi ponds. Operating in the range of 0° to 30°C this highly accurate



thermostat will hold the water temperature within $\pm 0.1^{\circ}\text{C}$. The unit is programmed with an automatic temperature gradient control which eliminates temperature shock for the fish when changing settings.

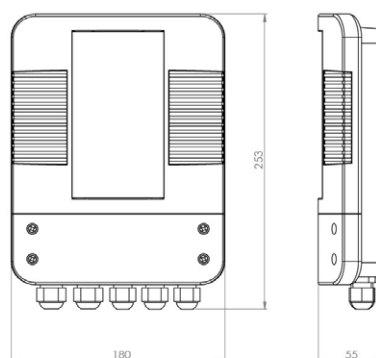
Poolsmart Plus heating controller

D



POOLSMART PLUS

Touchscreen Heating Controller for swimming pools, comes with flow switch and temperature sensor for accurate monitoring and maintaining water temperature.



Features & Benefits

- Smart touchscreen display
- BMS (Building Management System) Integration Ready
- Multi-lingual interface
- Programmable 24-hour time clock (4 time zones)
- Flow and temperature sensor ports
- Accurate control to 0.5°C
- Diagnostic display

POWER SUPPLY	Single phase 100-240V
AVAILABLE MODELS	Heating only
CONTROL THERMOSTAT	Digital: 0 > 45°C (0.5°C differential)
TEMPERATURE SENSOR	3 metre long (thermistor 103AT-2, R25=10K B=3435K)
FLOW SWITCH	3 metre long with gold tipped reed switch with titanium fulcrum pin
INTERNATIONAL PROTECTION MARKING	IP44
FREQUENCY	50/60Hz
MOUNTING	Wall mounting

Elecro Poolsmart PLUS Touchscreen Heating controller NEW

HE8036

357.50

Heating

Electro Heaters

F

ELECR
ENGINEERING



**Now with Titanium Element
and Titanium Flow Tube**



Supplied with low watts density coiled titanium heating elements. Cygnet heaters are titanium construction and an ideal solution for ponds and tropical marine applications.

Features & Benefits-

- *Six power options ranging from 1-kW to 8.4-kW
- *Easy installation, fully equipped and pre-wired
- *Robust, durable construction
- *Ultra-reliable flow switch allows safe operation
- *Supplied with temperature thermostat & overheating sensor
- *Compact, durable design
- *Analogue control with 1.2°C differential or digital control with 0.5°C differential and selectable multi-lingual display
- *Titanium flow tube and titanium heating element(s)
- *Can be floor or vertically wall mounted
- *Vortex, long life, stay clean heating element technology
- *100% efficiency throughout the product life
- *Silent operation

Electro Cygnet EVO2 1kW Analog Heater (All Titanium)	HE8020	485.33
Electro Cygnet EVO2 2kW Analog Heater (All Titanium)	HE8021	491.83
Electro Cygnet EVO2 3kW Analog Heater (All Titanium)	HE8022	520.00
Electro Cygnet EVO2 4kW Analog Heater (All Titanium)	HE8023	554.67
Electro Cygnet EVO2 6kW Analog Heater (All Titanium)	HE8024	600.17
Electro Cygnet EVO2 8kW Analog Heater (All Titanium)	HE8025	639.17
Electro Cygnet EVO2 1kW Digital Heater (All Titanium)	HE8026	600.17
Electro Cygnet EVO2 2kW Digital Heater (All Titanium)	HE8027	619.67
Electro Cygnet EVO2 3kW Digital Heater (All Titanium)	HE8028	658.67
Electro Cygnet EVO2 4kW Digital Heater (All Titanium)	HE8029	699.83
Electro Cygnet EVO2 6kW Digital Heater (All Titanium)	HE8030	732.33
Electro Cygnet EVO2 8kW Digital Heater (All Titanium)	HE8031	780.00

Heating

Elecro Nano Cygnet Heaters

F



NANO - CYGNET

The Cygnet Aquatic heater is user-friendly and offers “plug & play” installation.

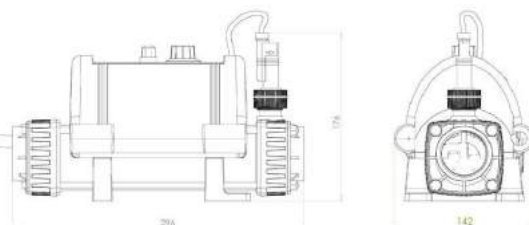


Elecro NANO Cygnet 1kW Analogue Heater (All Titanium)	HE8011	327.17
Elecro NANO Cygnet 2kW Analogue Heater (All Titanium)	HE8012	355.33
Elecro NANO Cygnet 3kW Analogue Heater (All Titanium)	HE8013	381.33
Elecro NANO Cygnet 4kW Analogue Heater (All Titanium)	HE8014	390.00

Specifically designed to ensure maximum safety, reliability and efficiency, the Cygnet Aquatic heater is user-friendly and offers “plug & play” installation for the 1-kW to 4-kW models. The thermostat dial gives you control over the desired pond temperature, while the thermal cut-out protects against over-heating.

Features & Benefits-

- Various power options ranging from 1-kW to 4-kW
- Easy installation, fully equipped and pre-wired
- Robust, durable construction
- Ultra-reliable flow switch allows safe operation
- Supplied with temperature thermostat and overheating sensor
- Compact, durable design
- Analogue control with 1.2°C differential
- Titanium flow tube and titanium heating element
- Can be floor or vertically wall mounted
- Vortex, long life, stay clean heating element technology
- 100% efficiency throughout the product life
- Silent operation



220-240V	1-Phase	Load	Net Weight	Gross Weight	Volume
Power Output		[Amp]	[kg]	[kg]	[m³]
1-kW		5	3.0	3.4	0.018
2-kW		9	3.0	3.4	0.018
3-kW		13	3.0	3.4	0.018
4-kW		18	3.0	3.4	0.018

Heating

Cloverleaf Heaters

G

Cloverleaf 1kW Pond Heater	HE850	157.49
Cloverleaf 2kW Pond Heater	HE851	172.99

The New Cloverleaf Pond Heaters are fully EU, TUV & UL approved they are available in two size 1kw & 2 kw.

The Cloverleaf Heaters are very easy to install into new or existing pond setups and come complete with both rigid or flexible pipe connections. Choose from connection via 19mm, 25mm, 32mm or 38mm flexible pond hose using the 2 hoesetails supplied or alternatively the units will accept 40mm rigid solvent weld or 1.5" rigid pressure pipe. These simple easy to use pond heaters have a minimum flow rate of 4000lph and have a safety low flow shut off switch for peace of mind.

For maximum efficiency and to maintain an ambient temperature the pond should be covered and insulated to help achieve and maintain the pond temperature in cases of insufficient insulation more KW per gal/litre may be required depending on the level of desired water temperature.

Two models are available 1Kw - for up to 1000gallons ponds (4500lts) and 2Kw - for up to 2000gallons (9000lts).

Specification;

1kw and 2kw power consumption
4000lph minimum flow rate with pressure switch
Thermostatically controlled
IP55 rated
1.5m cut end cable fitted
Flexi hoesetails plus Solvent weld inlet and outlets
length 230cm, width 18.5cm, height 18.5cm



Aquaforte ProfiHeater

L

Aquaforte ProfiHeater 1Kw With Stat (Stainless)	HE818	233.47
Aquaforte ProfiHeater 2Kw With Stat (Stainless)	HE819	245.76
Aquaforte ProfiHeater 3Kw With Stat (Stainless)	HE820	258.05

The Xclear Profi-Heater is a professional stainless steel pond heater.

To raise the temperature of 1 m3 water in 1 hour by 1°C needs about 1.000 kcal. This formula is only an indication, as the temperature also depends on surface area and any insulation that may be present. All models have been fitted with an adjustable thermostat that can be regulated up to 40°C. The heating element with the temperature probe, as well as the inside of the casing are made of high-quality stainless steel.

Profi-Heaters can be connected using pond tubing or PVC tubing. Comes with fittings.



Heating

PRO-Line Heating

G

NEW!

New Titanium Model with thermal cutout and reset switch



PRO-Line PLUG & GO Digital Thermostat (NEW Model)	HE800	241.38
1kw Pro-Line Titanium Element and Plug & Go Thermostat	HE841B	398.28
2kw Pro-Line Titanium Element and Plug & Go Thermostat	HE842B	422.41
3kw Pro-Line Titanium Element and Plug & Go Thermostat	HE843B	446.55
1kW Pro-line Heating element only (Titanium) NEW Model	HE847	156.90
2kW Pro-line Heating element only (Titanium) NEW Model	HE845	181.03
3kW Pro-line Heating element only (Titanium) NEW Model	HE846	205.17

These all-new Titanium Pro-line heaters offer ultimate flexibility in that the element is submersed in the pond water (no added flow restriction) and thermostats can be used independently. Should either unit fail, they can therefore be replaced individually and systems can be upgraded from 1kw to 2kw or 3kw using the same thermostat.

The PRO-Line element must be **fully submersed at all times**

Floating thermometers

G

Small Floating Thermometer	HE824	3.27
Big Blue Wheel Type	HE825	19.28

Competetively priced reliable and simple floating thermometers.



Small Digital thermometers

G

Digital Thermometer 1Mtr Probe	HE830	7.07
Small Black ETI Digital thermometer with 1mtr probe	HE900	10.26

The ETI aquarium thermometer features a large LCD display, max/min memory function to record the highest and lowest temperatures and an audible alarm. Temperature is measured over the range of -49.9 to 69.9 °C with a resolution of 0.1 °C and an accuracy of ± 1 °C.

The ETI thermometer incorporates two temperature sensors, a remote water resistant probe with one metre PVC lead that is place inside the fish tank and an internal sensor for the room temperature. The remote probe can be mounted onto the aquarium wall using the suction pad supplied. The thermometer is housed in a durable ABS case and incorporates a foot-stand for shelf mounting.



Heating / Electrical

ETI Infra-red

G

Ray-Temp 3	HE821	77.59
Mini Ray Temp	HE822	37.82
IR Pocket	HE823	27.93



Mini Ray Temp

Mini RayTemp infrared thermometer for routine day-to-day temperature checking

- compact, lightweight & easy to use
- temperature range -50 to 330°C
- laser dot alignment
- target ratio 12:1



Raytemp 3

RayTemp 3 Infrared Thermometer ideal for the foodservice industry

- ± 1 °C accuracy over the critical food range
- 8 dot circular laser for precise targeting
- compact, lightweight & easy to use
- temperature range -60 to 500°C



IR Pocket

IR-Pocket infrared thermometer with max/min & display hold

- lock function for continuous measurement
- max/min memory function
- wide temperature range
- LED spot alignment
- NEW improved design for 2016



Switch Boxes / cable joiners

G

K-Koi 4-Way Switch Box	HE835	47.80
K-Koi 3-way Switch Box	HE836	40.53
K-Koi Single Switch Box	HE837	13.26
Aquasafe Waterproof cable joiner (up to 20m deep)	HE839	17.46

The **Blagdon Powersafe plug and socket** is designed for safe pond side and garden electrical connections, 2200 Watt total capacity, Fits 4mm-9mm cables, Integrated live socket blanking cap/tool with ergonomic design, Weather-proof connection IP56.

Theses switch boxes are weatherproof and have individually rates fuses



Blagdon Switch Boxes / cable joiners

G

Blagdon Powersafe Plug and Socket	HE840	20.20
5 way Electrical Switch Box (Blagdon) Mk 2	HE831	83.26
4 way Electrical Switch box (Blagdon) Mk 2	HE832	65.10
3 way Electrical Switch box (Blagdon) Mk 2	HE833	49.46
2 way Electrical Switch Box (Blagdon) Mk2	HE834	41.62

Now with NEW LED indicator system



Electrical - Matsuko Switch boxes

matsuko

Switch Box

The Matsuko Switch Box opens the range giving you five lines for five different devices with a stylish, but simple on and off button giving you full control over your electrical pond products



Switch Box Timer

The Matsuko Switch Box Timer gives you great flexibility over your devices, allowing you to turn five independent lines on or off plus the added feature of each line having five programmable times.



Switch Box Timer + Pumpguard

The Matsuko Switch Box Timer + PG gives you great flexibility over your devices allowing you to turn five independent lines on or off plus the added feature of each line having five programmable times. This has the added bonus of PumpGuard and a power consumption monitor.



Switch Box

+ Remote

The remote control provides greater flexibility for controlling your Switch Box than ever before, a duplicate set of buttons that mean you do not have to be at the unit to control it.



The unit is supplied pre matched to the receiver and is therefore ready to use straight away.

discount code

M

Matsuko Switch Box standard	HE101	115.70
Matsuko Switch Box Timer	HE102	155.74
Matsuko Switch Box Timer + Pumpguard	HE103	211.90
Matsuko Switch Box Standard (with Remote)	HE104	197.50



A NEW CONCEPT IN THE KOI HOBBY

日本の伝統と西洋の技術の融合

A careful blend of Japanese tradition and Western technology
Upgrade your koi with the new koi food concept

WWW.KIYOMIZU.NL | INFO@KIYOMIZU.NL



KIYOMIZU
Life stage koi food



Lighting

Pontec LED lights

NEW

K

Pontec PondoStar LED Ring	LI311	44.58
Pontec PondoStar LED RGB Set 3	LI312	127.36
Pontec PondoStar LED Set 1	LI313	47.13
Pontec PondoStar LED Set 3	LI314	55.20
Pontec PondoStar LED Set 6	LI315	79.74
Pontec PondoStar Set 30	LI316	99.02

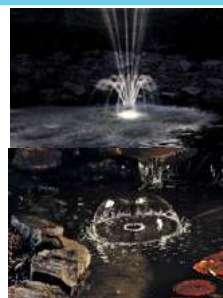
Pontec PondoStar LED ring Illuminated ring for water features with Warm white LEDs for illuminating fountains which Includes a 12 V safety transformer and 2 m + 8 m cables.

Pontec PondoStar LED RGB set 3- 3 x efficient spotlights with a transformer and remote control for adding ambience to the pond or garden with coloured and white LED lighting

The PondoStar LED Set 1 with a single extremely energy-efficient 2 watt spotlight brings fascinating illuminated views to your garden. Equipped with a 12 V cable transformer, the spotlight is perfectly suited for use underwater and above the water surface. Included in the scope of delivery are 1 LED spotlight and 7 m + 2 m cable.

The PondoStar LED set 3, consisting of 3 compact LED spotlights, is ideal for flexible use; it can be set up above the water surface as well as underwater.

The PondoStar LED Spot 6 light set with 6 compact, highly energy-efficient 0.5 watt LED spots brings fascinating light vistas into your garden. The neutral white LED spots are switched in series with cable spacing of 1.2 m between each spot. Delivery with a cord transformer, incl. 3 m cable. The set can be submerged or dry-installed and conforms to protection class IP68.



Pontec PondoStar LED Ring



Pontec PondoStar LED RGB set 3



Pontec PondoStar LED set 1



Pontec PondoStar LED set 3



Pontec PondoStar LED set 6

AquaForte lights

E

AquaForte Power LED lamp 1W	LI279	25.98
AquaForte Power LED lamp 3 x 1W	LI280	45.56
AquaForte Power LED lamp 6W	LI281	48.46
AquaForte Power LED lamp 3 x 6W	LI282	121.28
AquaForte LED lamp 12W	LI283	78.84
AquaForte LED lamp set 3 x 12W	LI284	207.15



These lights can be installed underwater or out of the water due to their low running temperature.



Competitive priced LED lamps for garden & pond.

Fitted with the newest High Power LED technology. Suited for both wet & dry application!

Including 230V to 12V transformer, bracket, ground stake, and light sensor for automatic on/off.

Available as a single unit or a set of 3 lamps.

OASE LED Lighting

M

OASE LUNAQUA 3 OASE CLASSIC LED lights

Underwater spotlight, warm-white, Energy efficient Broad beam angle, ideal for plants and other highlights in pond and garden.
LED underwater spotlight with 1W multiple-LED
Suitable for use underwater and above the water *Protection class IP 68 - *Adjustable head



Oase
LIVING WATER

OASE Lunaqua Classic LED Set 1	LI290	53.46
OASE Lunaqua 3 LED Set 1	LI291	103.27
OASE Lunaqua Classic LED Set 3	LI285	120.48
OASE Lunaqua 3 LED Set 3	LI286	257.30

OASE LUNAQUA MINI LED 1W

- *Suitable for use underwater and above the water
- *Suitable for permanent underwater use, thanks to protection class IP 68 (connection rated IP 44)
- *Easy to integrate in garden and pond design thanks to the small dimensions
- *3 unit series circuit, incl. 12 V safety transformer
- *Ideal for illumination of fountains, ponds, and pond landscapes, as well as garden and terrace
- *High quality stainless steel details
- *Adjustable head for flexible alignment
- *1 W power LED, in neutral-white



OASE Lunaqua Mini LED (Cold) 1W	LI292	143.16
OASE Lunaqua Mini LED (Warm) 1W	LI293	143.16

Oase
LIVING WATER

Lighting

OASE LED Lighting

M

OASE LUNAQUA MAXI LED

- *Suitable for use underwater and above the water, e.g. for illumination of a bubbling stone
- *Suitable for permanent underwater use, thanks to protection class IP 68 (connection rated IP 44)
- *An additional spotlight, LunAqua Maxi LED Solo, can be retrofitted in each case (delivery without 12 V)
- *Incl. interchangeable optics for a beam angle of 10° or 30°
- *Wall mount and in ground installation possible
- *Incl. ground stake and tool for wall mounting
- *Star circuit, 12 V safety transformer and rubber hose line
- *Warm-white 3 W power LED in 1-pc set



OASE Lunaqua Maxi LED Set 1	LI294	163.12
OASE Lunaqua Maxi LED Set 3	LI295	369.67
OASE Lunaqua Maxi LED 3W Solo	LI296	160.37

Oase
LIVING WATER

OASE LUNAQUA Power LED

- *Small, compact spotlight with robust underwater connection technology
- *A lot of light and significant energy savings: it is one of the brightest LED spotlights in our pond illumination product range
- *Only 5.8 W power consumption, yet as bright as a 50 W light bulb
- *Safe operation of the spotlights through 24 V DC low voltage, also in swim ponds
- *Spotlights, drivers and cable suitable for underwater use to a depth of 4 m (protection class IP 68, however standard regulations do not allow under water use of the driver in swim ponds)
- *Service life more than 36000 h thanks to excellent thermal management, high quality and long-term reliability
- *10 m cable for extension between light fixture and driver available as an accessory (max. 4 x per strand)
- *Included in the scope of delivery: 1 or 3 lights, each with 5 m cable, LED driver with connection possibility for 4 light fixtures as well as 1 or 3 ground stakes
- *Easy extension of up to 4 lights per set through the separately available LunAqua Power LED W



OASE Lunaqua Power LED Set 1	LI297	330.18
OASE Lunaqua Power LED Set 3	LI298	600.25
OASE Lunaqua Power LED W	LI299	137.65

OASE LUNAQUA Power LED XL

*Excellent thermal management and high quality assure LED power for over 50,000 light hours.

*Safe operation of the spotlights through 24 V DC low voltage, also in swim ponds

*Spotlights, drivers and cable suitable for underwater use to a depth of 4 m (protection class IP 68, however standard regulations do not allow underwater use of the driver in swim ponds)

*Included in the scope of delivery: 1 spotlight with 5 m cable and 1 ground stake

*Accessories additionally required: LunAqua Power LED driver with connection for up to 4 spotlights: 2 x LunAqua Power LED XL or 1 x LunAqua Power LED XL and 2 x LunAqua Power LED or 4 x LunAqua Power LED

Compatible with Inscenio FM Master



LunAqua Power LED XL 3000 Flood	LI308	279.65
LunAqua Power LED XL 3000 Spot	LI309	279.65
LunAqua Power LED XL 3000 Wide Flood	LI310	279.65
LunAqua Power LED XL 3000 Narrow Spot	LI300	279.65
LunAqua Power LED XL 4000 Flood	LI301	279.65
LunAqua Power LED XL 4000 Narrow Spot	LI302	275.38
LunAqua Power LED XL 4000 Spot	LI303	279.65
LunAqua Power LED XL 4000 Wide Flood	LI304	279.65
LunAqua Power LED Driver 30 W	LI305	231.73
LunAqua Power LED cable 10 m	LI306	55.75



Inscenio EGC Control Home - Allows control of your devices from the app when connected to your home internet network.

Inscenio EGC Control Cloud - Allows control of your devices from the app when connected from anywhere as long as you are connected to the internet. The Inscenio EGC Control Home and Cloud enable Oase EGC capable equipment to be digitally controlled using the Oase app on any compatible smartphone or tablet. EGC capability enables the system to communicate to individual pieces of equipment through EGC cables. The Inscenio EGC Control Cloud works via the internet, meaning that you can control your equipment from anywhere in the world provided there is internet access. The Inscenio EGC Control Home does the same but will only work when connected to your home network. The cloud platform provides real-time feedback relating to equipment performance and can alert you to potential faults occurring. Inscenio EGC Control can control up to ten items of EGC compatible equipment and each item is simply connected to the others via EGC Connection Cables in a linear arrangement ('daisy-chained').

EGC Control Home	LI317	281.87
EGC Control Cloud	LI318	337.60
InScenio FM Master EGC Home	LI319	449.14
InScenio FM Master EGC Cloud	LI320	464.15

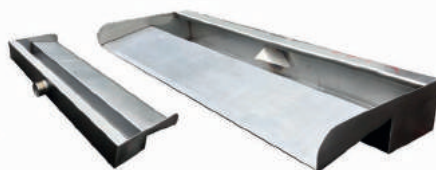


WATER BLADES & FOUNTAINS

Pro-Line Stainless steel water blade

I

Proline Water Blade 445mm	WB100	177.27
Proline Water Blade 680mm	WB101	196.36
Proline Water Blade 900mm	WB102	218.18



OASE waterfall / blades

M

OASE Waterfall 30 (140 x 300 x 100)	WB103	160.05
OASE Waterfall 60 (140 x 600 x 100)	WB104	243.99
OASE Waterfall 90 (140 x 900 x 100)	WB105	317.21
OASE Waterfall XL 30 (200 x 300 x 100)	WB106	199.11
OASE Waterfall XL 60 (200 x 600 x 100)	WB107	298.65
OASE Waterfall XL 90 (200 x 900 x 100)	WB108	398.22
OASE Waterfall Kit 30 (145 x 305 x 600)	WB109	406.59
OASE Waterfall Kit 60 (145 x 605 x 600)	WB110	603.34
Waterfall Illumination 30	WB111	94.67
Waterfall Illumination 60	WB112	119.06
Waterfall Illumination 90	WB113	159.07



Waterfall Kit 30



Waterfall Kit 60

Included in the scope of delivery: each with threaded opening on the rear and underside, as well as a stepped hose adapter (19, 25, 32, 38 mm) and an extra-flat plug Ensures a uniform water pattern and a precisely flowing waterfall.

Compact and robust waterfall of high quality stainless steel 1.4401 (V4A)
Easy installation as permanent built in unit or bolted onto the wall.



Waterfall Illumination

FOUNTAINS & FEATURES

OASE Copper water features

M

Square copper bowl (84165)	WF100	936.59
Round copper bowl with large spillway (84166)	WF101	936.59
Round copper bowl with 4 spillways (84167)	WF102	936.59
Round copper bowl with small spillway (84168)	WF103	1558.90
Large round copper bowl (84169)	WF104	1973.77
Copper pedestal for copper bowls (84164)	WF105	572.01
Cord seal fitting 1 1/2" (84170)	WF106	25.13
LED Ring warm white (84171)	WF107	150.85



Copper bowls

- Copper bowls can be eye-catching in the garden - whether near the terrace or next to a seating area. In a round or square design, with or without a pedestal, alone or in combination with other bowls - there are many possible design combinations.
- The surface is protected with a layer of clear varnish, but over time the typical green patina of copper oxide develops, particularly in the areas where water is moving over it.
- Each bowl is provided with two 1½" threaded inlets. One inlet is centrally located in the bottom of the bowls and is intended for water. A copper standpipe is also supplied, which can then be screwed into the opening. The second inlet is located slightly off-centre, and is intended for the lighting cable, and is supplied with a bung if lighting is not required.
- The installation of the copper bowls can be made easier when used in combination with the Eco-Rise and the one-piece reservoirs from the water landscaping range.



FOUNTAINS & FEATURES

OASE Copper water features

M

Copper bowls 91 cm

Product



Combination
with the base



Feature



- 2x 1 1/2" openings
- one for water
 - one for lighting cables



combination with
base and copper bowl 66cm with
small outlet



69841 Large round copper bowl – 914 x 914 x 368 mm

Copper bowls

Product



Combination
with the base



Feature



- 2x 1 1/2" openings
- one for water
 - one for lighting cables

84168 Round copper bowl with small spillway – 660 x 838 x 368 mm



84167 Round copper bowl with 4 spillways – 736 x 736 x 254 mm

FOUNTAINS & FEATURES

OASE Copper water features

M

Copper bowls

Product

Combination with the base

Feature



- 2x 1 1/2" openings
- one for water
 - one for lighting cables



LED Light Ring



- 12v /5w LED Light Ring
- Warm white effect (2800K)
- Inner ring will fit over 1.5" diameter standpipe used in the copper bowls.
- Solid Brass with an Epoxy casing
- Detachable inline transformer



Cord seal fitting

- The rubber bushing can be installed in one of the two 1 1/2" inlets. It expands when tightened and seals the cable and inlet.
- This is how the copper bowl can be illuminated from inside.
- Add product code 84170 cord seal fitting 1 1/2"



TECHNICAL DATA

		NEW					
		Copper Bowl Round 90	Copper Bowl Square 50	Copper Bowl Round 60	Copper Bowl Round 50	Copper Bowl Round 75	Copper pedestal for copper bowls
Dimensions (L x W x H)	mm	914 x 914 x 368	660 x 700 x 254	736 x 736 x 254	660 x 700 x 254	660 x 838 x 368	406 x 406 x 203
Net weight	kg	12.08	7.80	8.36	8.75	11.02	5.50
Guarantee *	Years	2					
Overrunning width	mm	-	305	152	305	102	-
Suction-side connection	mm	38					
Suction-side connection		1 1/2"					
Item no. (GB-version)		-	-	-	-	-	-
Item no.		84169	84165	84167	84166	84168	84164

FOUNTAINS & FEATURES

OASE Copper water features

M

Wall Spout Square



Wall Spout Circle



Wall Spout Rhombus



Wall Spout Ellipse



TECHNICAL DATA

		Wall Spout Square Copper	Wall Spout Ellipse Bronze	Wall Spout Ellipse Copper	Wall Spout Square Bronze	Wall Spout Rhomb- bus Copper	Wall Spout Rhomb- bus Bronze	Wall Spout Circle Bronze	Wall Spout Circle Copper
Dimensions (L x W x H)	mm	126 x 126 x 125	151 x 127 x 118		126 x 126 x 125	126 x 126 x 120		151 x 127 x 148	
Net weight	kg	1.39	1.43		1.39	1.47		1.43	
Guarantee *	Years					2			
Overrunning width	mm	57	100		57	80		55	
Suction-side connection	mm					38			
Suction-side connection						1 1/2"			
Item no. (GB-version)		-	-	-	-	-	-	-	-
Item no.		84176	84181	84180	84177	84173	84174	84178	84179



Wall Spout Verona Copper (84173)	WF108	201.14
Wall Spout Verona Bronze (84174)	WF109	201.14
Wall Spout Mantova Copper (84176)	WF110	201.14
Wall Spout Mantova Bronze (84177)	WF111	201.14
Wall Spout Ravenna Copper (84178)	WF112	201.14
Wall Spout Ravenna Bronze (84179)	WF113	201.14
Wall Spout Olivett Copper (84180)	WF114	201.14
Wall Spout Olivett Bronze (84181)	WF115	201.14
Wall Spout LED warm white (84183)	WF116	113.13

LARGE FOUNTAINS

OASE - Air Flo - Aerator

A

Air Flo 1500 - 230V 50m Cable	WF117	4669.11
Air Flo 4000 - 400V 50m Cable	WF118	6251.86

Air Flo sets new standards in the field of lake aeration and decoration: The axial propeller technology ensures impressive and unequalled water flow rates of up to 295,000 l/h - for an optimal supply of oxygen to the lake.

- *High performance aerator and decorative floating fountain in one
- *Fast and easy installation
- *Variable number of lights (max. 3 x 3) can be retrofitted

Oase
LIVING WATER



Power data of the 3 »Trumpet« type AirFlo water patterns (Included in the scope of delivery)		AirFlo 1.5 kW	AirFlo 4 kW
Water pattern »Trumpet« M			
Flow rate	l/h	165000	295000
Fountain height x width*1	m	0.6 x 2.5	1.5 x 6
Water pattern »Trumpet« L			
Flow rate	l/h	155000	265000
Fountain height x width*1	m	0.95 x 4	2 x 8
Water pattern »Trumpet« XL			
Flow rate	l/h	120000	225000
Fountain height x width*1	m	1.8 x 6	3.0 x 10
*1 Guide values			



floating fountain illumination set

A

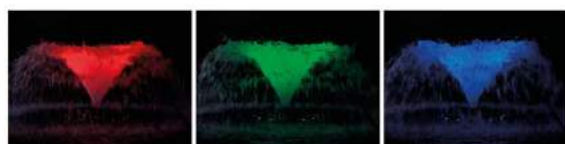


- *Compact spotlight with robust underwater connection technology
- *It is one of the brightest LED spotlights in the pond illumination product range
- *Only 5.8 power consumption, yet as bright as a 50 W lightbulb

Available for illumination of PondJet Eco as well as MIDI, MAXI and AirFlo

*Included:

- 3x LunAqua Power LED spotlight,
- 3x holding bracket for the light fixtures
- 1x driver with 20 metre cable



Floating fountain illumination set LED White (Power LED)	WF119	549.48
Floating fountain illumination set LED RGB (ProfiLux RGB)	WF120	573.63

Fountains and accessories

OASE fountains - PondJet ECO

PondJet Eco	FN100	1117.18
Floating fountain illumination set LED White (Power LED)	FN101	786.76
Floating fountain illumination set LED RGB (ProfiLux RGB)	FN102	821.34

Oase
LIVING WATER



Thanks to the fast and uncomplicated installation, the PondJet is perfectly suited for short-term implementation, e.g. for events. With the dynamic function switched on, power consumption is up to 60% lower than the rating of the predecessor model, thanks to the new motor technology.

Dynamic function-

The dynamic function can be activated by a switch. Thus attractive water patterns with different fountain heights are produced. This function enables an average reduction in power consumption of 105 W.



Accessories- lighting sets and fountain attachments

The optional spotlight sets in white or colours illuminate the different water patterns in glorious light.



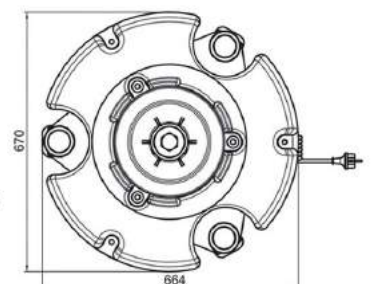
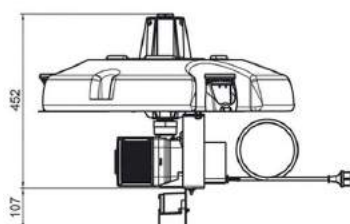
PondJet nozzle-

with G-1 thread, cover plate and plug. The 1" thread allows 25 mm / 1" fountain attachments to be attached on the multifunction nozzle of the PondJet.



Connection possibilities-

The underwater transformer for the lighting set is available as an accessory.



Fountains and accessories

OASE floating fountains

I



Water Starlet -

- *Floating fountain complete set with LED lighting
- *Easy installation thanks to Plug 'n' Spray
- *Can be used in swim ponds thanks to 12 V technology
- *Compact, floating fountain with 5 fountain nozzles
- *"Plug 'n' Spray" principle enables easy installation
- *Can be implemented as a floating unit or it can be set up on the ground
- *Protected LED rings provide constant illuminated water jets
- *Different water patterns can be displayed on a permanent loop
- *Safe, energy-efficient 12 V technology
- *Can even be used in swim ponds
- *Low maintenance
- *Included: Fountain (incl. 5 pumps, 5 illuminated rings, each with 6 LEDs), transformer and cable



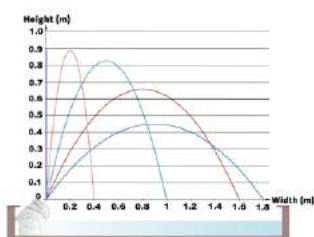
Water Starlet floating fountain

WF127

233.91

Water Jet Lightning -

- *Coloured arching water jets
- *"Plug 'n' Spray" principle: Complete set for easy installation
- *Can be used in swim ponds thanks to 12 V technology
- *Luminous, coloured, water arches for a special charm in the garden
- *Variations of jet lengths, jet height, and RGB colours can be displayed using the pre-set programs
- *The programs can be selected via remote control from a distance of up to 80 m
- *The water jet angle can be individually adjusted
- *Easily set your favourite colour for the water arch
- *High quality stainless steel base, can be bolted anywhere
- *Maximum jet length 1.8 m, maximum jet height 0.9 m
- *Can be connected to a timer
- *"Plug 'n' Spray" principle enables easy installation
- *Low maintenance
- *Low energy consumption
- *Included- 2-unit set Water Jet Lightning, pump (1500 l/h, 17 W), external control unit, transformer and cable



Water Jet Lightning

WF128

966.74

Jumping Jet Rainbow star -

The JumpingJet Rainbow Star is a ready-to-connect set for impressive water jets. Jet lengths of up to 4 m and jet heights of up to 2 m can be adjusted individually. Pre-set programmes also produce water effects and colours with a constant LED light intensity. The control box allows remote control and connection of the JumpingJet Rainbow Star expansion kit – consisting of an additional JumpingJet – and enables synchronous control of both JumpingJets. In addition to the sturdy body with a high-quality design, the stainless-steel base ensures safe positioning and allows the jet angle to be set individually.



- *Fountain with coloured LED lighting
- *Programs with colour, light, and water effects can be selected by remote control
- *An additional JumpingJet Rainbow Star can be connected to the set
- *A complete set which is ready to connect
- *Variations of water effects and colours can be displayed using the pre-set programs.
- *LED light intensity remains consistent
- *The programs can be selected via remote control from a free distance of up to 80 m
- *Jet lengths to 4 m and jet heights to 2 m can be controlled individually
- *Can be installed indoors and outdoors
- *The control box (12 V master) enables you to connect another JumpingJet Rainbow Star Add-on set
- *Control both JumpingJet sets with one remote control
- *Complete set includes: Jumping Jet, control box, remote control, as well as stainless steel hose clamps for fixing hoses in place and additional accessories



Jumping Jet Rainbow Star Set

WF129

3963.65

Fountains and accessories

OASE fountain nozzles

Nozzle 'Lava' 20-5 K	FN103	36.75
Nozzle 'Lava' 36-10 K	FN104	63.32
Nozzle 'Vulkan' 31-1,5 K	FN105	36.75
Nozzle 'Vulkan' 37-2,5 K	FN106	63.32
Nozzle 'Vulkan' 43-3 T silver	FN107	468.26
Nozzle 'Schaumspudler' 22-5 K	FN108	42.63
Nozzle 'Schaumspudler' 35-10 E	FN109	109.08
Nozzle Schaumspudler 55 - 15 E	FN110	420.47
Nozzle Cluster Eco 15 - 38	FN111	300.89
Telescopic Nozzle Extension TE 5 K, 1/2"	FN112	36.21
Telescopic Nozzle Extension TE 10 K, 1"	FN113	58.21

'Cluster ECO' - The stainless steel nozzle is designed for use in fresh water and pool water. Since the nozzle is water level independent and has a 3.5 mm opening, it is suitable for installation in dry decks. (The particle strainer diameter of the filter must be considered.) In combination with Varionaut 270, the Cluster Eco 15-38 reaches of approx. 6 m.



**Cluster ECO
15 - 18**

'Schaumspudler' - By mixing air with water, the pattern appears to be extremely high-volume. Nevertheless the nozzles actually have a low water requirement. The beautiful soft foam jet offers a strong contrast to its environment. Schaumspudler nozzles work independently of the water level so that fluctuations in the water level do not affect the water pattern.



**22-5 K
An ever popular
vertical jet fountain.**



**35-10 E
80mm dia x 160mm H**



**55-15 E
81mm dia x 180mm H**

'Lava' - Water bells are the fountain effect producing the least noise. The relaxing sound of splashing water is particularly effective in water gardens, reception halls, or outdoor pools that are protected from wind. The Lava bell forms a closed water veil that can be attractively staged with underwater illumination.



Lava 20-5 K



Lava 36-10 K

'Vulkan' - The water shoots upwards in powerful fine jets. At the apex the jets dissolve into gentle drops and rain down in delicate tiers. Vulkan fountain Nozzle produces a fantastic 3 tier decorative display using 37 individual 2.5mm diameter water jets. Made from tough hard wearing plastic, the Oase Vulkan Fountain Nozzle has a 1" BSP male screw connection.



Vulkan 31-1.5 K



Vulkan 37-2.5 K



Vulkan 43-3 T Silver

Lake Fountains

OASE Lake fountains - MIDI & MAXI 2



MIDI II 1.1 kW / 230 V

Power consumption P1	1.1 kW
Flow rate – Q max.	22000 l/h
Rated current	7.3 A
Rated voltage	230 V AC / 50 Hz



MAXI II 4.0 kW / 400 V

Power consumption P1	4.0 kW
Flow rate – Q max.	39000 l/h
Rated current	9.6 A
Rated voltage	400 V 3~AC / 50 Hz

Oase
LIVING WATER



Midi II 1.1 kW / 230V	WF121	7280.64
Maxi II 4.0 kW / 400V	WF122	8863.42
Nozzle Geyser Jet	WF123	585.60
Nozzle High Jet	WF124	585.60
Nozzle Grand Vulcan	WF125	585.60
Nozzle Trumpet Jet	WF126	585.60



Light set available

- *Easy to install
- *Low maintenance
- *Appealing design
- *Optional four different nozzle patterns with 3" (75 mm) standard thread
- *Foamed float for stability and noise reduction
- *Stainless steel pump basket
- *Bank fastening set included
- *Optional lighting sets are available
- *Floating fountain for clear water



Geyser Jet 30

Fountain height (overall)	5.0 12.0 m
Fountain diameter	1.7 2.7 m
Number	50377



High Jet 30

Fountain height (overall)	9.0 16.5 m
Fountain diameter	3.0 3.5 m
Number	50375



Grand Vulcan 30

Fountain height (overall)	3.0 7.0 m
Fountain diameter	4.0 6.8 m
Number	50376



Trumpet Jet 30

Fountain height (overall)	5.0 9.5 m
Fountain height (1st tier)	1.2 2.5 m
Fountain diameter	4.0 7.5 m
Number	50378

KOI FOODS

JPD - Medicarp

L



**-Immune Stimulant
-Award winning**



Immunostimulant

This food is mixed with some special ingredients, and its includes seaweed extract, β -glucan and yeast cell wall which is immunostimulant. These components stimulate immune system and accelerate immune response. When fish have stress by environmental changes, please use this food. And this food is suitable for maintenance for koi show. Because this pellet keeps shape for long time in the water, this food doesn't decrease the water quality.

Health Food

Stress is one of the causes of the disease. This food is enriched with stable vitamin C which reduces stress. Therefore this food protects koi from a pathogen by an effect of vitamin C.

Color Enhance

Astaxanthin makes red redder and vitamin C makes white whiter. These ingredients make a shiny beautiful body. Finally, koi will be take on natural beautiful color.

Analysis

Protein 37.0%
Fat 6.0%
Fiber 2.2%
Ash 8.0%
Phosphate 1.3%
Calcium 1.3%
Sodium 0.3%
Astaxanthin 10.0mg/kg

Vitamins

A 25,000IU/kg
D₃ 2,800IU/kg
E 200mg/kg
C(stable) 300mg/kg

10kg Medicarp Large	KF001	118.68
10kg Medicarp Medium	KF002	118.68
5kg Medicarp Large	KF003	69.00
5kg Medicarp Medium	KF004	69.00

PRIZE WINNING



JPD - Medicarp Color

L



Medicarp Color Enhancer is a specially formulated Koi food, prepared with quality ingredients for maintaining healthy Koi and improving body and color. Medicarp Color Enhancer contains Astaxanthin to improve the characteristic colors of Koi. The Vitamin C in Medicarp Color helps protect the white color of Koi and sharpen the contrast between the red and the white.

10kg Medicarp Color Large	KF0043	79.35
10kg Medicarp Color Medium	KF0044	79.35
5kg Medicarp Color Large	KF0045	48.49
5kg Medicarp Color Medium	KF0046	48.49

Vitamin C also enhances the shine of the skin. It also contains Medicarp Color Enhancer Vitamin E, which helps reduce stress and vitality of Koi and energy support.

KOI FOODS

JPD - Shori

L



High Growth

All ingredients in this food are selected carefully with dietetic studies and JPD technology. This food is formulated with high quality fish and plant protein which make a good digestibility for koi. It should be noted that this food is high protein (45%) but also low ash (8.5%). The ash is digested slowly. This is because high protein fish meal is used.

Color Enhance

Astaxanthin makes red redder and vitamin C makes white whiter. These ingredients make a shiny beautiful body. This food is enriched with astaxanthin.

Reduces The Waste

This food is formulated with probiotics which reduces the waste in the water and regulate the functions of the intestines. And this food doesn't deprave the water quality, because this pellet keeps shape for long time in the water.

Analysis

Protein	45.0%
Fat	8.0%
Fiber	2.5%
Ash	8.5%
Phosphate	1.0%
Calcium	1.5%
Sodium	0.4%
Astaxanthin	16.0 mg/kg

Vitamins

A	25,000 IU/kg
D3	2,800 IU/kg
E	200 mg/kg
C(stable)	300 mg/kg

With Probiotics

10kg Shori Large	KF043	124.97
10kg Shori Medium	KF044	124.97
5kg Shori Medium	KF046	74.04

PRIZE WINNING



JPD - Shogun

M



BEST KOI FOOD FOR WHITES



- SHOGUN has superior digestibility in low temperatures and can be used all season.
- SHOGUN is specially formulated, using high quality ingredients, for the maintenance of healthy Koi.
- SHOGUN is manufactured to maintain its shape and not to cloud the water.
- SHOGUN's formula contains high quality fish meals, which Koi find very palatable

10kg Shogun Medium - NEW FOR 2019	KF0504	95.83
5kg Shogun Medium - NEW FOR 2019	KF0505	62.71

Analytical constituents-
Crude Protein 36.0%
Crude Fat 7.0%
Crude Fibre 2.2%
Crude Ash 8.2%
Phosphorus 1.26%
Calcium 1.4%
Sodium 0.2%

Composition-
Wheat; fish meal; soya dehulled, extracted, toasted; wheat germ; wheat gluten; lecithin; krill meal; monocalcium phosphate; fish solubles, condensed; yeast; yeast products; algae (Schizochytrium limacinum).

KOI FOODS

JPD - Yamato

M



Color Enhance

Astaxanthin makes red redder and vitamin C makes white whiter. These ingredients make a shiny beautiful body.

This food is formulated with the proper quantity astaxanthin.

Whitening Food

This food is enriched with stable vitamin C which keeps white site in the koi body.

High Digestibility

This food is formulated with high quality ingredients which make a good digestibility for koi. Furthermore good digestibility is good for intestine and palatability is very high. Because this pellet keeps shape for long time in the water, this food doesn't deprave the water quality.

10kg Yamato Nishiki Large	KF020	85.28
10kg Yamato Nishiki Medium	KF021	85.28
5kg Yamato Nishiki Large	KF022	50.43
5kg Yamato Nishiki Medium	KF023	50.43

Vitamins		Analysis	
A	23,000 IU/kg	Protein	34.0%
D3	1,000 IU/kg	Fat	7.0%
E	200 mg/kg	Fiber	2.2%
C(stable)	300 mg/kg	Ash	5.3%
		Phosphate	0.7%
		Calcium	0.7%
		Sodium	0.2%
		Astaxanthin	8.0 mg/kg

JPD - Fujiyama

L



Staple Food

This product is staple food, because this product includes all of the vital nutrient for koi. This food is suitable for maintenance for every day. This food can be used with other JPD koi food, because this food is typical formulation.

Good Balance

This product is formulated with high quality fishmeal, feed oil and grains in a good balance. And this food accelerates appetite and keeps good shape.

Analysis

Protein	30.0%
Fat	5.0%
Fiber	5.6%
Ash	6.9%
Phosphate	0.7%
Calcium	0.4%

Vitamins

A	10,000 IU/kg
D3	1,000 IU/kg
E	200 mg/kg
C(stable)	150 mg/kg

High Level Manufacturing Technique

Vitamin C, which is formulated in this food, keeps white site in the koi body, and reduces stress. Because this pellet keeps shape for long time in the water, this food doesn't deprave the water quality.

10kg Fujiyama Medium	KF039	61.99
10kg Fujiyama Large	KF040	61.99
5kg Fujiyama Medium	KF041	38.83

KOI FOODS

Kiyomizu - Life stage food

J

The size of **Kiyomizu** pellets is designed to suit the 'target audience'. If the pond contains Koi of different sizes, we recommend starting with the largest pellets and waiting until the bigger Koi have started feeding before introducing the smaller pellets. Feed once to three times a day. Do not feed the fish more than they eat in five minutes. Remove any uneaten feed. When the water temperature is less than 10°C, Koi have a reduced appetite and slow digestion and should be fed accordingly.

Do not feed Koi if the water temperature drops below 5°C.

Kiyomizu consists of:

- BIO-MOS® (mannan oligosaccharides)
- organic trace elements
- astaxanthin
- easily digestible protein
- prebiotics and probiotics
- organically bonded vitamins and minerals
- special algae products - essential for the production of Omega 3
- Montmorillonite clay (bentonite)
- yeast extracts
- ingredients to improve digestion

Kiyomizu Junior 7kg (4.5mm)	KF106	90.28
Kiyomizu Adult 7kg (6mm)	KF107	90.28
Kiyomizu Jumbo 7kg (8mm)	KF108	90.28



KIYOMIZU JUNIOR - 4.5 mm for Koi up to 35 cm

Junior Koi need a good start in life if they are to grow into magnificent Jumbo Koi. They need easily digestible proteins to grow. They also need vitamins and minerals to develop a good body and bone structure. Balanced, health-supporting and immunity-boosting ingredients are also required. Kiyomizu Junior provides exactly what young Koi need.



KIYOMIZU ADULT - 6 mm for Koi from 35-60 cm

Adult Koi grow more slowly and start to develop their body shape and colour. It is therefore essential to change their feed, making sure they are given the ingredients they need for this stage of life. Kiyomizu Adult contains prebiotics and probiotics to strengthen the health and vitality of Koi.



KIYOMIZU JUMBO - 8 mm for Koi from 60 cm

Jumbo Koi need to maintain and improve their body shape and colour. In addition, they can live to an old age and therefore have to remain healthy. Giving them large amounts of protein does not make them grow more quickly. In fact, it has the exact opposite effect. Jumbo Koi need smaller amounts of very easily digestible proteins of the highest quality. Combined with optimum support for their health and colour, it is possible that they reach their maximum genetically determined length and old age.



KIYOMIZU
Life stage koi food



KIYOMIZU
Life stage koi food



Cloverleaf - Sinking Food **NEW!**

P

Cloverleaf Sinking Food-

Available in 1kg, 3kg, 5kg and 8kg pellet sizes. This food is designed for low ecological discharge and excellent growth rates. 49% Protein and one of the best available for gross energy and digestive energy allowing for maximum quality growth and health.



Cloverleaf Sturgeon / Sterlet (Sinking) food 4.5mm 1kg	KF200	10.01
Cloverleaf Sturgeon / Sterlet (Sinking) food 4.5mm 3kg	KF201	27.99
Cloverleaf Sturgeon / Sterlet (Sinking) food 4.5mm 5kg	KF202	41.99
Cloverleaf Sturgeon / Sterlet (Sinking) food 4.5mm 8kg	KF203	56.99

Yamitsu

G

Yamitsu Bombay Mix 2kg	KF035	16.24
Yamitsu Bombay Mix 5kg	KF036	32.50
Yamitsu Peaches and Cream Stix 2.5kg	KF037	17.95
Yamitsu Peaches and Cream Stix 5kg	KF038	33.71

Peaches & Cream - The UK's top selling pond food. This is a complete two colour floating food stick that does not need supplementing. It encourages healthy growth and its added colour enhancer brings out the best in your fish. It has added vitamin C to improve your fish's immune system and help them fight infection. Your fish will love it!

Peaches & Cream - The UK's top selling pond food. This is a complete two colour floating food stick that does not need supplementing. It encourages healthy growth and its added colour enhancer brings out the best in your fish. It has added vitamin C to improve your fish's immune system and help them fight infection. Your fish will love it!



23% Protein



26% Protein

KOI FOODS

Kusuri - Premium

R

Kusuri Premium 15kg Large	KF069	149.00
Kusuri Premium 15kg Medium	KF070	149.00

Kusuri Premium 5kg Large (Bucket)	KF072	61.00
Kusuri Premium 5kg Medium (Bucket)	KF073	61.00
Kusuri Premium 1.5kg Large	KF074	31.00
Kusuri Premium 1.5kg Medium	KF075	31.00

Kusuri Premium 650g Med	KF077	18.00
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Kusuri Premium Koi Food is the most popular food in the Kusuri range. A very high quality, immune enhancing, food for Koi.

We have formulated our food to provide the correct balance of ingredients for Koi. Kusuri Products are the only manufacturer to include Kusuri Klay in their researched food.

Exeter University Biology Department, 18 years ago, discovered that the addition of Kusuri Klay removed stress proteins from the digestive tract. Stress proteins come from feeding food that contains airborne spores of Fungi and Algae. This subsequently inhibits the fish's ability to absorb and digest food efficiently, this can lead to poor growth and health.

Kusuri Klay has the effect of cleansing the digestive tract, allowing the high quality ingredients to be absorbed, keeping your fish happy and healthy.

Key benefits include:

Garlic to reduce parasitic infestations.

Kusuri Klay for better digestion of up to 22%.

Spirulina, Shrimp Meal and natural Astaxanthin to improve colour.



Kusuri - Growth

R

Kusuri Growth 15kg	KF081	198.00
Kusuri Growth 5kg (Bucket)	KF082	83.00
Kusuri Growth 5kg (Pouch)	KF0821	83.00
Kusuri Growth 1.5kg	KF083	33.00
Kusuri Growth 650g	KF084	20.00



Kusuri Growth food contains the highest quality proteins to promote rapid growth, without the risk of any build up of fat deposits inside the body of the fish. The primary consideration was to produce a natural dietary pellet for Koi. We have developed a precise blend of lipids and other vital nutritional ingredients to promote both rapid growth and good body shape.

KOI FOODS

Kusuri - Multi-Season

R

Kusuri Multi-season 15kg	KF085	198.00
Kusuri Multi-season 5kg (Bucket)	KF086	83.00
Kusuri Multi-season 5kg (Pouch)	KF0861	83.00
Kusuri Multi-season 1.5kg	KF087	33.00
Kusuri Multi-season 650g	KF088	20.00



Multiseason is a very special recipe acknowledged as having the ultimate ingredients for feeding to produce excellent growth and colour improvements in koi. You will discover that feeding little and often will produce very low levels of fish waste. Multiseason can be mixed with any of the other foods in the Kusuri range.

Kusuri - Staple

R

Kusuri Staple 5kg Medium (Pouch)	KF0891	52.67
Kusuri Staple 5kg Medium (Bucket)	KF089	52.67



Kusuri Staple is a high quality floating pellet food, containing all of the necessary ingredients for healthy coldwater fish.

Kusuri - Kolor

R

Kusuri Kolor 15kg	KF0841	198.00
Kusuri Kolor 5kg (pouch)	KF0843	82.00
Kusuri Kolor 5kg (Bucket)	KF0842	83.00



Kusuri Kolor Food is the latest addition to be added to the Kusuri food range. Specially formulated to improve the depth and colour of your Koi, Kusuri have added Paprika and Spirulina to this high palatable, low waste food. Guaranteed to improve the beauty of your Koi.

Kusuri - Sinking

R

Kusuri Sinking Pellet 15kg	KF090	149.00
Kusuri Sinking Pellet 5kg (Pouch)	KF0911	61.00
Kusuri Sinking Pellet 5kg (Bucket)	KF091	61.00
Kusuri Sinking Pellet 2.5kg	KF092	35.00
Kusuri Sinking Pellet 650g	KF093	18.00



Kusuri Sinking Pellet is an all seasons formula, and is suitable for a wide variety of bottom feeding pond fish, including Catfish, Sterlets, Tench, Goldfish, etc. This sinking pellet has been prepared using special temperature cooking and 'expander' technology. This method helps gelatinise the starch present in the food, rendering it more digestible for all pond fish.

Kusuri - Wheatgerm

R

Kusuri Wheatgerm 15kg Medium	KF095	149.00
Kusuri Wheatgerm 5kg Medium (pouch)	KF0972	61.00
Kusuri Wheatgerm 5kg Medium (Bucket)	KF097	61.00



Kusuri Wheatgerm Koi Food formula contains the high nutrient ingredients included in the Premium formula, plus increased Wheatgerm extract. Kusuri Wheatgerm feed can be fed at any time, but is particularly popular during autumn, winter and early spring periods when pond water temperatures are low and a reduced feeding protocol is usually adopted. This food is ideal as a transitional food when coming in to the next season of a higher protein food or when winding down during the Autumn. (Between 10°C – 14°C) Mix Kusuri Wheatgerm with Kusuri Premium, Kusuri Sinking or Kusuri Multiseason over a 4 week period for this purpose.

Composition:

Soya (bean) meal, Wheat, Fish meal, Sunflower seed extract (organically grown), Maize gluten, Vital wheat gluten, Fish oil, Rape seed oil, Mono ammonium phosphate, Vitamins, Permitted Anti Fungal/Anti -Oxidant, Yeasts, Betaine, Minerals, Dried algae Spirulina, Astaxanthin.

Basic Analysis:

Trace Elements: E1 Iron 120mg, E2 Iodine 2mg, E4 Copper 15mg, E5 Manganese 47mg, E6 Zinc 278mg, 3b8. 11 Selenium 100mg.

Antioxidants: E310 Propyl gallate 9mg, E320 BHA 9mg, E321 BHT 240mg.

Vitamins: E671 Vitamin D3 4500IU, E672 Vitamin A 12000IU.

Analytical Constituents:

Extruded blend of Crude Oils & Fats 8.0%, Crude Protein 35.0%, Crude Ash 6.0%, Crude Fibre 4.0%, Calcium 1.6%, Phosphorus 1.0%, Sodium 0.3%.

Kusuri - Super-Silk 20

R

Kusuri Super-Silk 20 1.5kg	KF103	33.00
Kusuri Super-Silk 20 5kg (pouch)	KF1041	83.00
Kusuri Super-Silk 20 5kg (Bucket)	KF104	83.00
Kusuri Super-Silk 20 15kg	KF105	198.00



Supersilk-20 is a very special recipe including 20% Silkworm Pupae. Silkworm protein is acknowledged by Japanese breeders as the ultimate ingredient for feeding and for colour improvement of Koi, Silkworm pupae have a unique type of protein and silk oil properties that koi can digest easily. With all of the Premium food properties, plus added Silkworm pupae ingredients, this food is ideal for any koi pond. With 38% protein properties we advise feeding down to 15°C with no adverse effects, and reduced down to little feeding at 12°C.

Supersilk-20 can be mixed with Multiseason for minimal waste, superb growth, and excellent colour enhancement for your koi.



ADDITIVES

Cloverleaf Blanket Answer / Sludge

Cloverleaf Blanket answer 10kg	MD9671	143.20
Cloverleaf Blanket answer 4kg (11000gals)	MD967	63.94
Cloverleaf Blanket answer 2kg (5500gals)	MD968	37.61
Cloverleaf Blanket Answer 800g (2200 gallons)	MD969	18.81
Cloverleaf Blanket Answer 200g (550 gallons)	MD9691	8.19
Cloverleaf Sludge Answer 1ltr	MD970	18.12
Cloverleaf Pre-Vent Blanketweed 4kg (11000gals)	MD9672	63.95
Cloverleaf Pre-Vent Blanketweed 2kg (5500gals)	MD9673	37.60
Cloverleaf Pre-Vent Blanketweed 800g (2200 gallons)	MD9674	18.81

NEW



Voted number 1 in a user survey,

Cloverleaf Blanket Answer is a unique blend of minerals and enzymes to combat blanket weed. Blanket weed can quickly spread over the pond and stop light and oxygen from other pond life so not only does it look unsightly, it also damages the delicate eco balance. Blanket Answer is safe to use with all pond fish, plants and even with biological filtration systems. It can be used repeatedly to shift a stubborn problem, especially over the summer months.



An 800g bottle will treat ponds up to 10,000 litres (40 ml treats 500 litres)(200g treats 2500 litres), so a little goes a long way. It's a good product to keep to hand all year round in case the problem occurs.

Directions for use:

Use 1 x Level Scoop (800 gram tub) = 285 litres (65 gallons)

For best results use above in temperatures above 10 degrees.

Blanket Answer is added to the pond by mixing with water in a watering can and pouring evenly over the pond surface. The water will initially take on a white milky appearance, but this will clear within a few days. As with most water treatments the pond should have a good level of oxygen saturation.

Cloverleaf's ***Pre-Vent Blanketweed*** is designed to be used after your initial treatment of Blanket Answer, to keep blanketweed at bay and your pond in tip top condition. Pre-Vent Blanketweed is a 100% natural product made up of minerals and enzymes.

Dosage:

Add 10 grams per 266 gals / 1207 ltrs or use the scoop provided - 1 x scoop = 800 gals / 3632 ltrs. Use every 2-3 weeks to help re-balance your pond and to prevent stubborn blanketweed returning.

SUPERTAB

- Reduces anaerobic bacteria, viruses and moulds
- Fish clearly more active
- Neutralises organic waste
- Slowly cleans system/pipelines
- Prevents moulds, viruses and bacteria from developing resistance
- Virtually no impact on plant life
- Reduces the odour of the water/swimming water
- Easy to dose
- Low concentration produces effective dosing
- No harmful side-products * Affordable to use



Effective - Affordable - Useable

The SuperTab... promotes balance in ponds

+44 (0)1603 897453 for more details

ADDITIVES

Pond Medic +

M

NEW



Pond Medic Malachite Green 250ml	MD885	7.76
Pond Medic Malachite Green 500ml	MD886	11.64
Pond Medic Malachite Green 1ltr	MD887	20.70
Pond Medic Formaldehyde 250ml	MD889	7.76
Pond Medic Formaldehyde 500ml	MD890	11.64
Pond Medic Formaldehyde 1ltr	MD891	20.70
Pond Medic Acriflavin 250ml	MD896	7.76
Pond Medic Acriflavin 500ml	MD897	11.64
Pond Medic Acriflavin 1ltr	MD898	20.70
Pond Medic ParaKill 250ml	MD900	7.76
Pond Medic ParaKill 500ml	MD901	11.64
Pond Medic ParaKill 1ltr	MD902	20.70
Pond Medic Bacticide 250ml	MD906	7.76
Pond Medic Bacticide 500ml	MD907	11.64
Pond Medic Bacticide 1ltr	MD908	20.70
Pond Medic Fluke-off 250ml	MD903	11.50
Pond Medic Fluke-off 500ml	MD904	21.08
Pond Medic Antifoam 250ml	MD909	7.76
Pond Medic Antifoam 500ml	MD910	11.64
Pond Medic Antifoam 1ltr	MD911	20.70
Pond Medic Dechlora 250ml	MD893	7.76
Pond Medic Dechlora 500ml	MD894	11.64
Pond Medic Dechlora 1ltr	MD895	20.70
Pond Medic Form-a-Lite 250ml	MD9031	7.76
Pond Medic Form-a-Lite 500ml	MD9041	11.64
Pond Medic Form-a-Lite 1ltr	MD905	20.70

MALACHITE- An effective treatment for aquatic parasites including White spot.

FORMALIN- An effective treatment for aquatic parasites including ciliates, flukes & white spot.

ACRIFLAVIN- An effective treatment for fin rot, tail & mouth rot, including ulcers, bacterial and fungal infections.

PARAKILL- Treats leeches, Anchor worm, Trichodina, Fish Lice, Slime and Flukes.

BACTACIDE- An effective treatment for bacterial infections including fin rot & Fungus

FLUKE-OFF- An effective treatment specifically aimed at skin flukes, gill flukes & intestinal helminths.

ANTIFOAM- An effective anti-foaming agent that is harmless to plants and pond life.

DECHLORA- Neutralises chlorines, chloramines and some toxins from tap water.

FORM-A-LITE- is an effective treatment against white spot, skin flukes, chilodenella and most protozoan parasites.

NEW IMPROVED FORMULA

ADDITIVES

Cloverleaf ABSOLUTE Range

Q

Cloverleaf ABSOLUTE Parasite Plus 250g	MD9719	12.81
Cloverleaf ABSOLUTE Parasite Plus 500g	MD9720	19.66
Cloverleaf ABSOLUTE Parasite Plus 1kg	MD9721	29.52



Absolute Parasite plus is effective in killing outbreaks of skin flukes, Gill Flukes, Internal Worms, Trichodina, Hexamita. These parasites cannot be seen with the naked eye.

Absolute Parasite + will also kill larger parasites such as Anchor Worm, leeches and fish lice which can generally be seen on the bodies of the fish.

Dosage:

Add 1g per 50L (11 Gals)/20g for 1000L (220gals) repeat dose after 14 days simply dissolve the required amount of absolute parasite into water and distribute evenly. This treatment will work at any temperature.



Cloverleaf ABSOLUTE CT (Chlorimine T) 55g	MD9701	9.86
Cloverleaf ABSOLUTE CT (Chlorimine T) 110g	MD9702	22.64
Cloverleaf ABSOLUTE CT (Chlorimine T) 220g	MD9703	32.50



Absolute CT is used for bacteria breakouts in fresh water and is safe for Koi and other ornamental fish. The full strength formula is effective on bacteria infections such as Ulcers and works by killing off bacteria and speeding up recovery time.

Dosage:

Add 10g per 1000gallons every day for a maximum of 4 days. Switch off Ultraviolet lights until the course of treatment has been completed.

Cloverleaf ABSOLUTE Clear (Flocculant) 250ml	MD9704	9.86
Cloverleaf ABSOLUTE Clear (Flocculant) 500ml	MD9705	14.77
Cloverleaf ABSOLUTE Clear (Flocculant) 1ltr	MD9706	24.63

Absolute Clear is an extremely effective flocculant for clearing cloudy water dead algae and unsightly suspended particles and is suitable for use in both ponds and aquariums. Absolute Clear is 100% safe to use with all fresh water species of fish. When used in ponds we recommend you use Absolute Clear from spring and repeat twice per month to help **maintain water clarity, Absolute Clear works more efficiently when used with a filter system.**

Available in three sizes: 250ml Bottle Treats 14,175Ltr (3,122Gal)

500ml Bottle Treats 28,350Ltr (6,244Gal)

1Ltr Bottle Treats 56,700Ltr (12,488Gal)



Microbe Lift - Clean and Clear

H

Microbe Lift Clean and Clear 500ml	MD853	15.13
Microbe Lift- Clean and Clear 1ltr	MD854	21.20
Microbe Lift Clean and Clear 4ltr	MD855	60.71

Microbe-Lift Clean & Clear is a special blend of beneficial bacteria that keeps ponds clean & clear. This product also contains photosynthetic bacteria which is grown in the bottle in which it is sold, using a very unique process! Photosynthetic bacteria can be very beneficial in balancing the ecology of a pond. The bacteria will compete with algae for their nutrition and sunlight.

Bioremediation of Landscaped Ponds using MICROBE-LIFT at Sheraton Tower, Singapore. Before Oakwell Engineering Limited began to rehabilitate the water using MICROBE-LIFT Clean & Clear in May 2005, the water was turbid and emanating a fishy odor. The fish could hardly be seen at 300mm below the water surface.



ADDITIVES

Microbelift - Nite-out 2

H

Microbe Lift- Nite-OUT 500ml	MD846	17.31
Microbe lift- Nite-OUT 1ltr	MD847	30.87

MICROBE-LIFT/NITE-OUT II liquid nitrifying bacteria contains select strains of Nitrosomonas, Nitrospira and Nitrobacter. Nitrosomonas convert ammonia to nitrite and Nitrobacter and Nitrospira convert nitrite to nitrate.



Microbelift - Sludge Away

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Microbe lift- Sludge away 1ltr	MD848	21.20
Microbe lift- Sludge away 4ltr	MD849	60.71

Years in development, **Microbe-Lift® Sludge Away** speeds up the biological removal of organic waste matter from the bottom of a pond that may become toxic to fish and plant life. As organic solids accumulate on the bottom they begin to break down, releasing toxic gasses to the surrounding environment. These gaseous by-products endanger fish, marine life and plants. Microbe-Lift® Sludge Away removes organic sludge and muck from the bottom, reducing or eliminating the potential harmful gaseous compounds, and helps to clarify your pond water at the same time.



- Provides "rapid & natural sludge and muck removal".
- 80% faster than competitive products.
- Reduces and binds phosphate.
- Helps improve pond clarity.
- 100% active ingredients.
- Disperses quickly.
- Bio-degradable.

Microbelift - Superstart

H

Microbe Lift- Super Start 500ml	MD850	16.68
Microbe Lift- Super Start 1ltr	MD851	23.38
Microbe Lift- Super Start 4ltr	MD852	64.29

Microbe-Lift® Super Start will provide the following benefits:

- Rapid establishment of organic removal capabilities
- Rapid establishment of nitrogen cycling
- Reduced build-up of residue in the filter reducing maintenance
- Breakdown of residual medications

- Rapid recovery of filter after use of medications and antibiotics
- Effective over a wide pH range
- Reduces ammonia nitrogen levels



Microbelift - Filter GEL

H

Microbe Lift Filter GEL 500ml	MD874	16.68
Microbe Lift Filter GEL 1ltr	MD875	23.38

MICROBE-LIFT/ Gel Filter Cartridge Inoculant will quickly attach to and populate all brands of filter cartridges and all styles of media including foam, floss, bio-balls, ceramic media, etc.



ADDITIVES

Microbelift - Ammonia remover

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Microbe Lift Ammonia remover 1ltr	MD857	23.62
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MICROBE-LIFT/Ammonia Remover is buffered to help prevent a drop in both alkalinity (acid-neutralizing capacity) and pH when used to remove very high levels of total ammonia.



Microbelift - Flocculant Plus

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Microbe Lift Flocculant Plus 1ltr	MD856	23.77
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A proprietary formulation (polymeric blend) used to coagulate suspended solids in the pond water. After use, particles in the water settle to the bottom of the pond and/or filter out through the filter system.

- Clears cloudy water
- Safe for aquatic life and plants
- Attracts suspended particles



Microbelift - GOLF

H

Microbe Lift GOLF 4ltr	MD861	60.71
Microbe Lift GOLF 19ltr	MD862	235.65

- **Environmentally friendly**
- **Creates healthy pond environment**
- **Reduces biological oxygen demand (BOD)**
- **Improves dissolved oxygen levels**
- **Safe for all wildlife in and around your pond**
- **Safe for fish and plants**
- **Breaks down dead algae**
- **Reduces most noxious odors including hydrogen sulfide**
- **Reduces buildup of wildlife fecal matter and fish feed**
- **Water can be used for irrigation without damaging turf or shrubs**

Specially Formulated for Golf Course Ponds & Lagoons

Contains photosynthetic bacteria which reduces cloudy water by promoting flocculation and settling of organic and inorganic particles.



SIZE	ITEM #	TREATS	APPLICATION RATE			
			Pond Vol. (Gals)	1st App. (Purge)	Next 4 Wks. (Once per Wk.)	Maintenance
GALLON	10GOLF6	SEE LABEL	5,000-10,000	2 gals.	16 oz.	16 oz.
			10,001-60,000	2-1/2 gals.	20 oz.	20 oz.
			50,001-100,000	3 gals.	24 oz.	24 oz.
			100,001-300,000	3-1/2 gals.	1 qt.	1 qt.
5 GALLON	10GOLFX5G		300,001-500,000	4 gals.	1/2 gal.	1/2 gal.
			500,001-1,000,000	8 gals.	1 gal.	1 gal.
			1,000,001-2,000,000	12 gals.	1-1/2 gals.	1-1/2 gals.

Microbelift - Bloom & Grow

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Microbe Lift Bloom & Grow 1ltr	MD858	38.77
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- **Highly concentrated formula**
- **Contains micro- and macro-nutrients**
- **Contains vitamins and amino acids**
- **Has essential primary and secondary nutrients**

Specially formulated for aquatic plants of all types to promote larger, brighter and faster blooms as well as healthier and stronger roots.



ADDITIVES

Microbelift - Natural Clear

H

Microbe Lift Natural Clear 4ltr	MD870	83.48
Microbe Lift Natural Algae Control 4ltr	MD871	83.48
Microbe Lift Natural Sludge reducer 4ltr	MD872	83.48
Microbe Lift Natural Complete Kit 4 x 4ltrs	MD873	216.10



The water quality of on-site swimming features can now be enhanced by the use of modern microbial technologies that safely and effectively remove waste pollutants. Our water clarification process relies on modern biology to naturally enhance and restore water quality. Over a period of time, this safe, effective and environmentally-friendly process features bio-enzymatic functions that naturally remove organic waste pollutants trapped and contained in pond water and on pond bottoms in the form of sludge through biological oxidation breakdown.

1. MICROBE-LIFT® / Natural-Clear; targets unwanted organic waste.
2. MICROBE-LIFT® / Natural Algae Control; reduces Algae growth.
3. MICROBE-LIFT® / Natural Sludge Reducer; Natural Sludge Reducer.

Microbelift - PH +/- Buffer

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Microbe Lift PH + 1ltr	MD876	22.77
Microbe Lift PH - 1ltr	MD877	22.77
Microbe Lift PH7.5 Buffer / Stabilizer	MD878	40.54



MICROBE-LIFT Increase PH (PH+)

- Formulated in deionized water
- Includes 2 pH increasers for gentle effectiveness
- Includes 3 electrolytes to help maintain osmotic balance
- Contains a slime coat ingredient for skin protection and stress reduction in pond fish
- Has a chelating agent to enhance water quality
- Safely raises the pH level
- Not harmful to fish or plants
- Can temporarily blur the water, depending on the water quality

MICROBE-LIFT pH DECREASER (PH-)

- Formulated in deionized water
- Includes 2 pH increasers for gentle effectiveness
- Includes 3 electrolytes to help maintain osmotic balance
- Contains a slime coat ingredient for skin protection and stress reduction in pond fish
- Has a chelating agent to enhance water quality
- Safely raises the pH level
- Not harmful to fish or plants
- Can temporarily blur the water, depending on the water quality

MICROBE LIFT PH 7.5 BUFFER

Offers the following advantages, if used according to the indications:

- "Buffers" the pH value and helps preventing extreme pH oscillations.
- Harmless to fish and plants.

ADDITIVES

Microbelift - Phosphate remover

H

Microbe Lift Phosphate remover 1ltr	MD883	30.10
Microbe Lift Phosphate remover 4ltr	MD884	63.80



MICROBE-LIFT PHOSPHATE REMOVER

To clear the pond from phosphate successfully, it is necessary to use Phosphate Remover regularly in new or existing "mature" ponds. MICROBEL-LIFT/ POND PHOSPHATE REMOVER is a polymeric blend with outstanding qualities, including the ability to tie-up large quantities of phosphate without negatively influencing the pond water in any way. Phosphate- caused by the decomposition of organic substances such as food surpluses, dead plant matter, and excretion. Although phosphate is a vital part, it is only damaging in low concentrations. A phosphate concentration increase could lead to water quality problems. To solve problems caused by phosphate, it is recommended to keep the phosphate concentration in fresh water below 0,3 mg/ltr.

- Safely removes the phosphate out of the pond water
- Will not harm fish or plants

Microbelift - BIO blue/black

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Microbe Lift Bio Blue Enzyme & Pond Colourant 500ml	MD859	25.67
Microbe Lift Bio Black Enzyme & Pond Colourant 500ml	MD860	39.67



MICROBE-LIFT BIO BLACK ENZYME & POND COLORANTS Dark colorant, specially formulated to safely color reflecting ponds black or blue.

- Once diluted, will not stain birds, fish, pond rocks, or most concrete fountains once diluted.
- Safe for humans, plants, and aquatic life
- Safely colors the water with a nice black/blue tint.
- Blocks specific beams of light.
- Decreases organic waste.
- Decreases unpleasant scents.
- No limitations for irrigation or fishing.
- Mixes completely in hours.

Microbelift - Aqua Extreme

H

Microbe Lift Aqua Extreme 1ltr	MD888	14.88
Microbe Lift Aqua Extreme 4ltr	MD899	37.26



MICROBE-LIFT/Aqua XTreme is a convenient liquid, single-phase, full-function water conditioner that has been scientifically formulated for use in koi and goldfish ponds. MICROBE-LIFT/Aqua XTreme should be used when: conditioning new water for ponds; adding (or prior to adding) water, new fish or plants to ponds; and transporting koi and goldfish. It is very important to use MICROBE-LIFT/Aqua XTreme when adding water to a pond that contains chloramines. Conventional dechlorinators will detoxify the chlorine in the chloramines but do nothing to the ammonia released from the chloramines. MICROBE-LIFT/Aqua XTreme will detoxify both the chlorine and the ammonia in chloramines.

- *A Full-Function, Buffered Water Conditioner
- *Detoxifies Nitrite
- *Removes & Detoxifies Chlorine & Ammonia
- *Destroys Chloramines
- *Detoxifies Copper & Heavy Metals
- *Boosts Alkalinity
- *Adds Essential Electrolytes
- *Adds A 3-Part Slime Coat Replacer
- *Helps to Reduce Stress
- *Instantly Ages Pond Water



ADDITIVES

Microbelift - Thera-P

H

Microbe Lift Thera P 1ltr	MD866	24.65
Microbe Lift Thera P 4ltr	MD867	66.99



Enhances the immune system against pathogenic bacteria and parasites due to its Probiotic activity! Provides a natural pond eco-system resulting in a better overall fish health and improved water quality. For use with all ornamental coldwater, temperate cyprinids, native and wild species.

Benefits and other advantages:

- Biologically supports a healthy immune system
- Reduces environmental stress
- Improves dissolved oxygen levels with aerobic bacteria
- Digests organic droppings (fish fecal matter)
- Promotes rapid fish growth
- Increases resistance to pathogens and parasites
- Aids respiration and gas exchange
- Contains both Nitrobacter and Nitrosomonas bacteria
- Oxidizes both ammonia and nitrites, also reduces nitrates
- Beneficial when overpopulation exists. Immediately seeds and maintains biological filters
- Biodegrades uneaten decomposed food (protein, starch. fats)
- Compatible with all pond flora
- Safe for all animals in and around the pond.
- Eliminates noxious odors
- Can be used simultaneously with other MICROBE-LIFT products.



Microbelift - Autumn / Winter prep

H

Microbe Lift Autumn / Winter prep 1ltr	MD863	23.73
Microbe Lift Autumn / Winter prep 4ltr	MD864	70.49
Microbe Lift Spring / Summer Cleaner 1ltr	MD865	20.09



Microbe-Lift / AWP helps accelerate the decomposition of leaves, sediment and other organic matter during the fall and winter months. Microbe-Lift / AWP will also jump start your pond to a healthier environment in the spring. Microbe-Lift / AWP is a two-part system of LIQUID bacteria and DRY, water soluble packets containing a blend of cellulose enzymes, cellulose-producing bacteria and a cold weather bacteria. The cellulose enzymes, along with the cellulose producing bacteria, are the key to accelerating the breakdown of leaves, organic sediment and sludge all winter long. The cold weather bacteria and liquid bacteria take care of the initial breakdown by-products.



Water Treatment - TWC

The Water Cleanser

F

What is the Water Cleanser?

The Water Cleanser (TWC) is best described as a microbiological culture pad. If you look at TWC under a powerful microscope, it is full of millions of microscopic capillaries that progress from one end through to the other. These microscopic capillaries provide the ultimate home for all the required beneficial bacteria and microbes that maintain the health of water. TWC also provides the required trace elements for the microbes to thrive and function to their optimal levels whilst also providing the breeding trace elements for Archaea microbes and Bacillus bacteria (see "Archaea").

How does it work?

Beneficial bacteria and microbes naturally break down and process organic waste (excess food, plant matter, dying algae, fish faeces, etc.) in water systems. Outside influences such as chemicals, pollutants, and fertilizers can disrupt the natural cycle and weaken the existing beneficial bacteria. The Water Cleanser (TWC) provides a protective habitat with all the required trace elements that allow the microbes to breed and multiply at their optimal rate. Once the microbes are re-established in the water system, they can then consume the organic waste at an accelerated rate, leaving the water cleaner and healthier, and requiring less maintenance. Archaea microbes prefer to break down organic waste above oil but need hydrocarbon as an energy source to multiply. Archaea microbes are present in any body of water but remain inactive until they have a hydrocarbon source. The Water Cleanser is a hydrocarbon catalyst that creates the perfect conditions for these Archaea microbes.

Does TWC prevent algae?

Yes! Excess nutrients in the water from organic waste can encourage overgrowth of algae, including algal blooms. The Water Cleanser accelerates proliferation of beneficial bacteria and microbes which consume that organic matter. Massive algal blooms require lots of nutrients; with their food source consumed by the microbes, the algae starves and dies. The Water Cleanser has been tested for over 12 years and has a beneficial effect on all aquatic life. Besides that, the Water Cleanser can also be used in pools to lower the need for chemicals.



Pond Block 200g



Industrial Block 1 kg



Industrial Block 5 kg

see www.theWaterCleanser.com for more info and results



BEFORE



AFTER 20 WEEKS

The Water Cleanser 200g	MD9547	20.21
The Water Cleanser Industrial Block 1kg	MD9548	83.05

ADDITIVES

EA Medications

K



EVOLUTION
AQUA
INNOVATION IN WATER

Introducing Evolution Aqua's brand new range of professional medications for Koi. This range of powerful active medications are aimed at Koi keepers who need to take care of their prized Koi Carp when bacterial, fungal or parasitic diseases arise.

Fully VMD approved, the eaMedications range includes Malachite Green, Formaldehyde, FMG Mix and Acriflavine, available in 500ml and 1litre bottles. There are also two topical treatments for Koi Carp, Wound Cleaner and Sedative, available in 100ml bottles.

EA Med Malachite Green 500ml	MD301	17.01
EA Med Malachite Green 1000ml	MD302	29.03
EA Med Formaldehyde 500ml	MD303	17.01
EA Med Formaldehyde 1000ml	MD304	29.03
EA Med Acriflavin 500ml	MD305	17.01
EA Med Acriflavin 1000ml	MD306	29.03
EA Med FMG 500ml	MD307	27.02
EA Med FMG 1000ml	MD308	47.07
EA Med Wound Cleaner 100ml	MD309	13.02
EA Med Sedative 100ml	MD310	10.01

EA Medications have a powerful and effective two step dosing process that makes them kinder to fish whilst giving a high active dose rate. This means the fish have time to acclimatise to the treatment from day 1 to 3, with an additional dose added on day 4, rather than being exposed to an aggressive treatment from the off. All eaMedications undergo full quality control testing before they are bottled to ensure the formulations are consistently of the highest quality, brought to you by a brand you can trust.

Kusuri - Malachite

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Kusuri Malachite 250ml	MD916	14.00
Kusuri Malachite 500ml	MD917	19.00
Kusuri Malachite 1ltr	MD9171	32.00

Malachite can be used for the treatment of minor parasitic infestations. Mixing Formalin with Malachite is effective at treating most other microscopic parasites. Please ensure that you read, understand and follow, all safety guidelines included with your chemical product.



Kusuri - Formalin

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Kusuri Formalin 250ml	MD914	14.00
Kusuri Formalin 500ml	MD915	19.00
Kusuri Formalin 1ltr	MD9151	32.00

Formalin 30% is a very active chemical and is best used with Malachite for the effective treatment of most single cell parasites including white spot, costia, and some fluke infestations. We do not recommend the use of Formalin with any salt in solution. For use above 10°C (50°F) dosage 75mls per 1000 gallons. The normal course is 3 treatments, 5-7 days apart. Formalin is a very active chemical and is best used with Malachite Green for the effective treatment of most single cell parasites, including white spot, costia and some fluke infestations.

We do not recommend the use of Formalin with any salt in solution.



ADDITIVES

Kusuri - Malachite + Acriflavin Mix

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Kusuri Acriflavin and Malachite Pre-Mix 250ml	MD9192	23.00
Kusuri Acriflavin and Malachite Pre-Mix 500ml	MD9193	34.00
Kusuri Acriflavin and Malachite Pre-Mix 1ltr	MD9194	49.00



Kusuri Acriflavine & Malachite Green Premix is a ready to use full strength formulation, popular as a pond-wide anti-parasite treatment. It is particularly good for Costia and Trichodina. Please ensure that you read, understand and follow all Health and Safety guidelines on the bottle. Please do not eat, drink or smoke whilst handling chemicals. Wear disposable vinyl or latex gloves and appropriate eye protection.

250ml treats 5,700litres (1,250 gallons) of pond water
500ml treats 11,365 litres (2,500 gallons) of pond water
1 litre treats 22,730 litres (5,000 gallons) of pond water

Kusuri - Formalin + Malachite Mix

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Kusuri FMC Pre-Mix 250ml	MD918	23.00
Kusuri FMC Pre-Mix 500ml	MD919	34.00
Kusuri FMC Pre-Mix 1ltr	MD9191	49.00



A ready to use full strength formulation, popular as a pond-wide anti-parasite treatment. Particularly good for white spot infestations.

Do not use with salt in solution!

Kusuri - Acriflavin

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Kusuri Acriflavin 250ml	MD912	14.00
Kusuri Acriflavin 500ml	MD913	19.00
Kusuri Acriflavin 1ltr	MD9131	32.00



This medication is a liquid preparation, used as a general anti-bacterial, also useful for the treatment of external fungal infections. Acriflavine is also reported to help in the reduction of minor viral infections. It can be used safely in salted ponds. Acriflavine can be also be used as a bath treatment.

Kusuri - Recovery

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Kusuri Recovery 250ml	MD9753	11.00
Kusuri Recovery 500ml	MD9754	17.00
Kusuri Recovery 1ltr	MD9755	29.00

Recovery is a post trauma treatment with added Aloe Vera which aids in reducing fish stress and helps by adding a protective slime coat. Recovery is best used

when adding new fish, after treating with a medication, when performing a water change or to aid in the healing of wounds and ulcers. Recovery instantly removes Chlorine and Chloramines, detoxifies heavy metals from source water with natural Aloe Vera aiding the recovery of fish post trauma situations.

Tighten cap and shake vigorously before use. Use cup to measure the correct dose. Add to a clean watering can then fill with pond water. Gradually pour across the surface area of the pond over a one hour period.

Use 15ml per 228 litres or (50 gallons) of pond or tank water. Do not over dose, over dosing can cause fish fatalities.



ADDITIVES

Kusuri - Filter Starter Boost

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Kusuri Filter Starter Boost Pink 500ml	MD9293	18.00
Kusuri Filter Starter Boost Pink 1ltr	MD9294	35.00

Kusuri Filter Starter Boost Pink is a powerful easy to make "home culture", which grows live nitrifying and denitrifying bacteria from freeze dried granules, into billions of beneficial bacteria, ready to start convert Ammonia to Nitrite to the less toxic Nitrate.



Kusuri - Dechlorinator

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Kusuri Dechlorinator 250ml	MD920	11.00
Kusuri Dechlorinator 500ml	MD921	17.00
Kusuri Dechlorinator 1ltr	MD922	29.00
Kusuri Dechlorinator 5ltr	MD923	66.00

Kusuri dechlorinator works almost instantly, removing Chlorine, Chloramines and heavy metals from mains public water sources.



Kusuri - De-Foamer

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Kusuri De-foamer 250ml	MD924	11.00
Kusuri De-foamer 500ml	MD925	17.00
Kusuri De-foamer 1ltr	MD926	29.00
Kusuri De-foamer 5ltr	MD927	66.00

Kusuri Defoamer is formulated to remove unsightly foam accumulations in ponds. This product is made from food grade materials and is 100% fish safe. Can be used as often as necessary and works very quickly. Foam accumulation is common on new ponds and early in the season. Continual foam on surface water could be a result of poor bacterial activity or under filtration and should be investigated.



Kusuri - Hydrogen Peroxide

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Kusuri Hydrogen Peroxide 500ml	MD9271	7.00
Kusuri Hydrogen Peroxide 1ltr	MD928	11.00

For the re-oxygenation of pond water.

Use directly after a treatment of Potassium Permanganate



Kusuri - Klear

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Kusuri Klear 500ml	MD9329	15.00
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Kusuri Klear contains beneficial nitrifying bacteria essential for filters, plus denitrifying bacteria to reduce ammonia. Kusuri Klear, as its name implies, will increase water clarity and reduces water discoloration and foam in ponds.



ADDITIVES

Kusuri - PRO-100

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Kusuri PRO-100 500ml	MD929	25.00
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Kusuri Pro-100 is formulated to help reduce harmful water-borne bacteria. Kusuri Pro-100 contains the highest available concentration of natural beneficial bacteria. Every production batch is tested and guaranteed free of pathogens and dangerous chemicals.

This is a the highest concentrated formulation available .

Kusuri - Bio Balance

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Kusuri Bio Balance 1kg	MD9291	15.00
Kusuri Bio Balance 3kg	MD9292	35.00
Kusuri Bio Balance 11kg (Bucket)	MD9295	92.00



Kusuri Biobalance raises carbonate alkalinity, raises KH and stabilises pH fluctuations.

Kusuri - Chlorimine T

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Kusuri Chloramine T 100g	MD930	24.00
Kusuri Chloramine T 250g	MD931	37.00



Chloramine T is a powdered product, an effective broad spectrum chemical for lowering bacteria in ponds. At higher dose rates it can be used against skin/gill flukes, white spot, Costia, etc. Commonly used as a pond-wide treatment.

Kusuri - Pottassium Permanganate

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Kusuri Potassium Permanganate 100g	MD9331	11.00
Kusuri Potassium Permanganate 250g	MD933	17.00



A good disinfectant for ponds and nets. Excellent for the eradication of Trichodina & Costia, and other parasites. It will discolour water for up to 7 days, and can be used down to 10 C. At higher temperatures it can remove some oxygen from water, so it is advisable to keep an airstone running within the treatment/quarantine tank.

Kusuri - Anti-BAC

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Kusuri Anti-Bac 100ml Iodine spray	MD973	16.00
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A product based on highly effective Iodine, this treatment will penetrate any wound taking the active Iodine with it. Other water-based products will just wash off, our alcohol based product is absorbed into the surface layers of tissue, killing pathogenic bacteria and speeding up the healing process.

ADDITIVES

Kusuri - Roccal

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Kusuri Roccal wound 100ml	MD976	15.00
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This wound cleaner is used topically as a pre-cleanser on open wounds, prior to further wound medication. Can be used on stainless steel surgical instruments as a steriliser before use.



Kusuri - Top Coat Sealer

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Kusuri Top coat sealer 50ml	MD977	15.00
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This is a liquid sealer with anti-bacterial properties. It can be used independently or as an additional covering over the top of Orahesive powder. Use as a final coating over treated wounds and split fins, etc.



Kusuri - Orahesive Powder

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Kusuri Orahesive powder 25g	MD9771	11.00
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Kusuri Orahesive Protective Powder is a superior covering, which adheres to mucous membranes and open wounds. It is perfect for use on ulcers and minor wounds. The powder adheres to mucous membranes, open wounds, etc.



Kusuri - Ulcer treatment kit

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Kusuri Ulcer treatment Kit (8 Piece)	MD972	58.00
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This fully comprehensive boxed kit is supplied with-

- 1 x 150ml of Masuizai Koi Sedate
- 1 x 100ml Roccal Wound Cleaner
- 1 x 100ml Anti-Bac
- 1 x 100ml Spare bottle
- 1 x 25 Grams of Orahesive sealer powder
- 1 x 50ml Top Coat Sealer
- 1 pair of surgical gloves
- 10 x 6" cotton bud applicators

Comprehensive step by step instructions



All kit components are replaceable, so you need never run short of any particular item. If there is one thing you should keep at home for your Koi this is it! This kit contains chemicals and should be stored away from children & pets.

Propolis

P

Propolis 60ml Spray Food supplement	MD983	18.33
Propolis 500ml food Supplement	MD984	24.00

Superb natural healer, concentrated topical treatment for wounds, ulcers & Hikui on Koi. Formulated by Profesor A. Beckett, this new mixture contains DMS which improves absorption into the living tissue around the infected area halting further spreading.



ADDITIVES

Colombo - Topical treatments

D

COLOMBO Morenicol Vita Spray 50ml	MD2102	14.21
COLOMBO Propolis Wound Spray 50ml	MD2103	13.19
COLOMBO Wound Cleaner 50ml	MD2104	8.72
COLOMBO Sedation 20ml	MD2105	13.19
COLOMBO Medic Box - Wound and Ulcer treatment kit	MD2106	16.75



Colombo Morenicol Vita-Spray 500ml uses multi vitamins and trace elements as food additives. When fish are recovering from an illness or need to restore their condition or are being fussy eaters, Colombo Morenicol Vita-Spray can be added to their food to improve their appetite.

Colombo Morenicol Vita-Spray Dosage:
7 x Spray (7ml) per 100 grams of fish food.
Colombo Morenicol Vita-Spray Application:

Take the food and weigh it. Spread the food and then spray Colombo Morenicol Vita-Spray in the correct dosage to that food. Let the food dry for several hours and feed this in the same day the Vita-Spray has been applied. Colombo Morenicol Vita-Spray contains a broad vitamin complex with added trace elements. Add Vita-Spray to the fish food when the fish needs to recover. For example: After the winter or after a treatment with medications to cure a disease. Vita-Spray contains an appetiser to encourage the fish to eat.



Colombo Propolis Wound Spray consists of a concentrated propolis extract.

Propolis is 100% natural with a rich source of many herbs with a medicinal effect and vegetable products collected by bees.

This makes propolis have a strong anti-bacterial and anti-fungal characteristic.

Propolis sticks to tissue and is not water soluble so it will stay on the wound for a longtime and protect the wound against reinfection with bacteria or fungus.



Colombo Wound Clean consists of a diluted hydrogen peroxide solution.

Hydrogen peroxide is a powerful anti-septic for wounds on fish and it will disinfect the wound and remove dead tissue.

Colombo Wound Clean will completely sterilise wounds and ulcers on fish helping them make a quick and complete recovery.



Colombo Sedation Fluid consists of 100 % natural clove oil and is intended for mild sedation of ornamental fish.

It has no negative side effects and is safe in use. When used correctly, too deep sedation is virtually impossible and thus your fish will recover quickly.

Colombo Sedation Fluid Dosage:-
20 drops / 10 litres of pond water.

Always sedate your fish outside the pond in a separate tank and keep under permanent observation



Colombo Medic Box Wound & Ulcer Treatment

The Colombo Medic Box is a complete kit for treating wounds and ulcers of pond fish. The Colombo Medic Box contains a dropper flask with liquid anaesthetic, hydrogen peroxide for skin disinfection, Colombo ointment, cotton buds, and gloves.

Colombo Medic Box has the complete range to treat wounds on fish. There is an anaesthetic, a Propolis wound-spray and a wound cleaner. The Colombo Medic Box includes all the before mentioned products in one complete set.

ADDITIVES

Kusuri - Fluke-P

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Kusuri Fluke-P 250ml (1375 gals)	MD9321	18.00
Kusuri Fluke-P 500ml (2750 gals)	MD9322	34.00
Kusuri Fluke-P 1ltr (5500 gals)	MD9323	64.00



Kusuri Fluke P is a 5% Praziquantel based liquid medication used to eradicate Gill Flukes, Body Flukes and Tapeworms. This liquid treatment is safe to use without destroying the beneficial bacteria in the filter and can be used at any temperature. While dosing with Fluke P you can continue to feed.

This product is designed as a one off treatment, but may require a second dose after 7 days in heavy infestation. Alternatively you can use Kusuri Fluke M after 7 days.

250ml treats 6,251 litres (1,375 gallons) of pond water

500ml treats 12,502 litres (2,750 gallons) of pond water

1 litre treats 25,003 litres (5,500 gallons) of pond water

Kusuri - Fluke-M

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Kusuri Fluke-M 65g	MD932	32.00
Kusuri Fluke-M x 2	MD9324	58.00



Kusuri Fluke M is a 50mg/g Flubendazole based medication used to eradicate Gill and Body Flukes. This treatment is safe to use without destroying the bacteria in the filter and can be used at any temperature. While dosing with Fluke M you can continue to feed.

This product is designed as a one off treatment, but may require a second dose after 7 days in heavy infestation. Alternatively you can use Kusuri Fluke P after 7 days. Kusuri Fluke M is not an invasive, toxic medication like Kusuri Malachite Green and Kusuri Formalin 30%. The Flubendazole is absorbed by the flukes and dissolves their digestive tract that subsequently starves the parasite. Fluke M may require a second dose after 7 days in heavy infestations. Kusuri recommend a mucus scrape and microscope identification prior to a second application.

For use with all cold water ornamental fish and can be used safely with all tropical freshwater fish. Kusuri Fluke M has a four year shelf life from date of manufacture and should be used within three months of opening. Fluke-M can also be used for the eradication of pond snails and Intestinal Helminths and Worms. For exradicating Lice, Anchor Worm and Argulus, use 3 doses of Kusuri Fluke M 7 days apart.

***For best results use above 15°C. At 10°C a second dose may be required.**

***Please ensure that you read, understand and follow, all Health and Safety guidelines on the packet.**

***Please do not eat, drink or smoke whilst handling chemicals.**

***Wear disposable vinyl or latex gloves and appropriate eye protection.**

Kusuri - Fluke-S

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Kusuri Fluke-S 10g	MD9325	16.00
Kusuri Fluke-S 50g	MD9326	40.00
Kusuri Fluke-S 100g	MD9327	64.00



An effective new Powder based Praziquantel treatment for Body and Gill Flukes

ADDITIVES

Colombo

D

COLOMBO ALPAREX-ANTI PARASITES 250 ML/5.000L	MD200	14.21
COLOMBO ALPAREX-ANTI PARASITES 500 ML/10.000L	MD201	23.35
COLOMBO ALPAREX-ANTI PARASITES 1000 ML/20.000L	MD202	31.47

COLOMBO CYTOFEX -ANTI BACTERIAL INFECTIONS 250 ML/2,500L	MD204	14.21
COLOMBO CYTOFEX -ANTI BACTERIAL INFECTIONS 500 ML/5.000L	MD205	23.35
COLOMBO CYTOFEX -ANTI BACTERIAL INFECTIONS 1000 ML/10.000L	MD206	31.47
COLOMBO LERNEX -ANTI FLUKES/WORMS 200 GRAM/5.000L	MD208	14.21
COLOMBO LERNEX-ANTI FLUKES/WORMS 400 GRAM/10.000L	MD209	23.35

LERNEX PRO 1000ML/20.000L	NEW	MD2101P	32.75
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Colombo Alparex is a great pond treatment for Invisible Parasites, White Spot and Fungus.

White Spot - caused by Ichthyophthirius or Ichtyo

Fungus - most caused by Saprolegnia. (Can be recognised by the appearance of greyish white, cotton-like growths on the skin and/or gills.)

Colombo Alparex 250 ml will treat a 5000 Ltr pond. (1100 Gallons)

Colombo Alparex 500 ml will treat a 10000 Ltr pond. (2200 Gallons)

Colombo Alparex 1000 ml will treat a 20000 Ltr pond. (4400 Gallons)



Colombo Cytofex Anti Bacterial Infections is a great treatment for Hole diseases, Fin rot, Mouth thrush and Dropsy.

Colombo Cytofex is effective against external bacterial infections like skin ulcers, fin rot and hole diseases. Based on 100% natural raw materials, **Colombo Cytofex** has proven antibacterial effect with the use of Tea Tree oil, extract of Iceland moss and Pau d'Arco-tree.

Cytofex has to be added on 3 consecutive days.

Day 1: 35ml / 1000ltr of pond water

Day 2: 35ml / 1000ltr of pond water

Day 3: 35ml / 1000ltr of pond water



Colombo Lernex Anti Fluke & Worms is a great treatment for Skin and Gill worms, Piscicola and Fish Lice and Anchorworms.

Colombo Lernex can also work against Macro Parasite such as fish lice (Argulus) which can grow to 1/2 cm.

The skin worm (Gyrodactylus) gives birth to living young and therefore is capable of fast reproduction. This results in skin irritation and the thickening of the skin and your fish get stressed.

The gill worm (Dactylogyrus) is a parasite that lays eggs. It causes damage and irritation to the gills with your fish gills thickening and them losing function. Infested fish often rub their gills on plants and stones.

Colombo Lernex Dosage:

20g / 500 litres of pond water.

If required, repeat the treatment after 14 days.



ADDITIVES

Kusuri - Klay

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Kusuri Klay 1kg	MD957	18.00
Kusuri Klay 3kg	MD958	36.00
Kusuri Klay 8kg (pouch)	MD9582	59.00
Kusuri Klay 8kg (Bucket)	MD9581	59.00
Kusuri Klay 25kg	MD959	153.00

Kusuri Klay mimics the natural mud pond environment where high quality Koi are traditionally bred and grown on during the summer months. Kusuri Klay is a pure mineral, free of any chemicals, phosphates and base metals. (The colour of the clay may vary from batch to batch).



Koi absorb minerals in large quantities from the water helping bone and cellular growth. Kusuri Klay aids mineral availability in the water.

This product was researched for Kusuri in the late 1990's at Exeter University. This exclusive clay removes stress proteins from the digestive tract of Koi carp, caused by food left open to airborne spores of fungi and algae. By adding an optimum level of 5% Kusuri Klay, digestibility of food can be improved by up to 22%. Kusuri Foods outperform many other foods on the market today because of this addition.

Kusuri - Super C Special

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Kusuri Super C Special 1kg	MD955	25.00
Kusuri Super C Special 3kg	MD956	61.00
Kusuri Super C Special 8kg (Bucket)	MD9561	94.00



'Chemical Free' - A high performance hygienic cleanser, developed to assist in the maintenance of optimum conditions in the pond and filter system. Active enzymes biodegrade organic material into harmless inorganic waste.

Kusuri - ECO Pure

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Kusuri ECO PURE 1.25kg	MD960	27.00
Kusuri ECO PURE 3kg	MD961	56.00
Kusuri ECO PURE 11kg (Bucket)	MD962	186.00



Eco Pure added weekly will reduce blanket weed by reducing its' food source. Bacteria coat the blanket weed, starving it of food - this will initially break up long strands. Every pond is different! In some ponds Eco Pure can work in 2 weeks, most ponds can take 4 to 8 weeks. Use Eco Pure early in the season - do not wait for it to grow, in other words use it in a regular preventive approach.

ADDITIVES

Kusuri - Powder Gold

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Kusuri Powder GOLD 150g (Treats 660gallons)	MD9631	8.00
Kusuri Powder GOLD 1kg (Treats 4400gallons)	MD963	37.00
Kusuri Powder GOLD 3kg (Treats 13000gallons)	MD9632	87.00
Kusuri Powder GOLD 8kg (Treats 35200gallons)	MD9633	216.00
Kusuri Powder GOLD 8kg bucket (35200gallons)	MD9634	211.00



Powder Gold is a blend of beneficial bacteria and minerals that will eradicate blanket weed quickly and efficiently. This is a one-off treatment to eradicate blanket weed, where traditional treatments can be very slow. Powder Gold will work every time at all temperatures.

Initial application will cloud your water for up to 7 days. Once your blanket weed has gone, Kusuri recommend a weekly dose to maintain a weed free pond.

LFH - Envirex / Detox

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Envirex 400grams	MD938	17.45
Envirex 1kg	MD937	45.38
Envirex 2kg	MD939	80.53
Detox 300gs	MD940	15.43
Detox 1kg	MD941	38.62
Detox 2kg	MD942	66.38



Envirex degrades all types of solid waste matter whilst lowering ammonia, nitrite, nitrate and phosphate and other unwanted substances in pond water. The result is a more hygienic pond in which disease is naturally much less likely to develop.

Pond Detox Formula neutralises pollution, improves water clarity and settles particles. In addition it can enrich the pond water with elements that may be observed in improved skin lustre and optimised health can result from improved environmental conditions.

Green Control - Natural

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Green Control is a completely natural product to control algae and keep the water quality under control. Green Control is a product that contains no additives of algacide, zinc or copper compounds. Green Control extracts the nutrients from the water, which need algae to grow. Even a 3times overdose will not harm the fish or plants. Green Control is also suitable for swimming ponds and harmless to humans and animals.

Special chelates take nutrients from the water and make them available to algae and aquatic plants. Even old deposits of heavy metals are dissolved and converted as a nutrient. The inserted fruit acids, in combination with the stable chelates for a carbonate hardness. The nutrient bound in this manner is taken up by the algae and the algae reaches deep into his lime structure. This limestone structure of the algae is dissolved and the algae dies. The use of Green Control increases the levels of phosphate in the water, which is produced by the binding of all the nutrients that are available in the water. This has no disadvantages for fish, plants and other pond inhabitants as well as birds, dogs, cats, etc.

Green Control Natural 1kg	MD9543	16.10
Green Control Natural 2.5kg	MD9544	29.66
Green Control Natural 5kg	MD9545	51.60
Green Control Natural 10kg	MD9546	96.78



ADDITIVES

Active-Mix Bio

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Active Mix Bio is a combination of substances including photosynthetic and lactic acid bacteria, yeasts and trace elements. This combination has a positive impact on the natural balance and biological life resulting in a perfect equilibrium. It also strongly promotes the biological conversion of ammonia and nitrites into nitrates. The fact that this mix is already in an activated state means it has a direct and rapid effect on your pond.

Photosynthetic bacteria:

Produce substances that promote the growth of micro-organisms, especially heterotrophic bacteria. During conversion they produce valuable substances from organic waste and harmful matter in the water. Photosynthetic bacteria also compete with algae for nutrients and sunlight. In the case of algae, light is absorbed by chlorophyll, just like with regular plants. However, with photosynthetic bacteria, photosynthesis takes place directly in the cell. Consequently, this provides the additional benefit of reducing algae growth.

Lactic acid bacteria:

Suppresses pathogenic germs and other harmful micro-organisms and promote a rapid degradation of organic material (waste substances). Other additives in the Active Mix Bio (e.g. yeasts and trace elements) suppress harmful fungi and produce bioactive compounds. Effect of Active Mix Bio Biological processes occur everywhere, breaking down waste products and turning them into useful substances. The degradation and composition can take place in different ways depending on circumstances. By adding Active Mix Bio, the useful bacteria receive a powerful boost at the expense of harmful micro-organisms. Active Bio Mix supports the nitrifying effects of the biological filter as well as the degradation of organic materials.



ACTIVE BIO-MIX 2ltr	MD9296	18.71
ACTIVE BIO-MIX 20ltr (Jerry Can)	MD9297	111.85

Dosage: 100 ml/m³ per month during the season (minimum water temperature 10°C).

GreenGO - Blanketweed controller

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Green-GO Blanketweed killer 800g (2200 galls)	MD966	24.99
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GreenGo quickly kills blanketweed and inhibits new growth. It is made from high quality natural, synergetic ingredients that will not harm your fish or pond life. The elimination of blanketweed will improve the circulation of the water through your pump and filter thereby improving the overall water quality.



Kusuri Sludge Buster

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Kusuri Sludge Buster 500ml	MD9328	15.00
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Kusuri Sludgebuster contains selected bacteria to efficiently bio-degrade sludge and detritus in ponds, pipework, filters and areas hard to clean such as folds in pond liners. Regular use prevents accumulation of organic sediments and is ideal as a spring and autumn treatment.



SALT

M

12.5kg Salt PDV	MD971	12.50
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Salt can be added to the pond or used as a strong anti bacterial, short term bath for Koi.

ADDITIVES

SUPERTAB

M

Super-tab 12pcs	MD9661	54.65
Super-tab 300pcs	MD9662	855.60



The SuperTab... promotes balance in ponds

Reduces anaerobic bacteria, viruses and moulds

*Fish clearly more active

*Neutralises organic waste

*Slowly cleans system/pipelines

*Prevents moulds, viruses and bacteria from developing resistance

*Virtually no impact on plant life

*Reduces the odour of the water/swimming water

*Easy to dose

*Low concentration produces effective dosing

*No harmful side-products * Affordable to use

*Ponds/koi ponds with fish:

Start-up and maintenance during the season: It is important to prevent bacteria pressure from mounting and to keep it well under control. A concentration of 0.04 mg/l in the pond is desirable as a maintenance dose. This translates into 1 SuperTab for 50,000 litres of water. If you have a 10,000 litre pond, you can dissolve 1 SuperTab in a 1 Litre jerrycan and then dose 200 ml. The solution has a 6-8 week shelf life provided that it is stored in a cool and dark place. Especially when the organic load is very high (for example, at initial product use), the dosed quantity is consumed fairly rapidly. In that case it is recommended that the pond is dosed every 2 days, 4 times in a row. Aside from reducing the bacteria pressure, a lot of organic material disappears from walls after a longer period of use. Your pond will slowly visibly become cleaner over time.

BAO BIO Koi

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RECOMMENDED

BAO BIO KOI Prevention Better than Cure!

BaoBio+ is a highly concentrated bacteria preparation with a bacterial count of more than 100 million per gram.

The BaoBio+ bacteria strains organically reduce harmful Pseudomonas and Aeromonas strains within 4 weeks by up to 99.9%.

****BaoBIO reduces the accumulation of waste***

****BaoBIO reduces ammonia***

****BaoBIO reduces nitrite***

****BaoBIO reduces phosphate***

****BaoBIO improves the clarity of the water***



BAO BIO + 1kg NEW	MD9298	33.15
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ADDITIVES

Kusuri - Masuizai (Sedate)

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Kusuri Sedate (Phenoxytol) 100ml	MD9752	9.00
Kusuri Sedate (Phenoxytol) 250ml	MD975	20.00
Kusuri Sedate (Phenoxytol) 500ml	MD9751	37.00



Use 10ml per 9 litres of pond water. Fill a suitable bowl with enough water to cover the fish. Add measured dosage of Koi Sedate, and aerate with an air stone. Place fish in bowl until it rolls onto its side (normally 2-3 minutes).

Lift fish, if there is any tail movement then place back into solution for a further 30 seconds and till the koi is fully sedated. For euthanasia add two times the recommended dose. Do NOT use with salt. Do not use below 15°C. **For more information please see the instructions for the 8 Piece Treatment Kit, and follow health and safety instructions on the bottle.**

EA - Sedative

R

EA Med Sedative 100ml	MD310	10.01
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Topical treatment for Koi Carp Sedative

- *Reduces fish stress to allow minor surgical procedures, scrapes and examinations to take place when treating or assessing illnesses in Koi Carp.
- *Use when Koi appear to be unwell and sedation is required to investigate any issues in more detail.
- *Active ingredients Phenoxyethanol 40,000 mg per 100ml

Benefits-

- *Works slowly which means it is safer for Koi.
- *Takes time to dose but that is good.
- *Dissolves well when bottle is shaken before administering



Pond Zinger / Pond Log

F

Pond Zinger - Flocculant / Phosphate remover (9000 gals)	MD9541	29.36
Pond Log - Flocculant / Phosphate remover (85000 gals)	MD9542	128.14



Turn your green pond clean with- Pond Zinger™



Pond Zinger



Pond Log



BEFORE

AFTER

After years of research and many erosion and sediment control, stormwater, and pond clarification applications, we are pleased to introduce a new product for the pond market: the Pond Zinger™. The Pond Zinger™ is a pond clarification product designed and formulated for backyard ponds. It is made of safe, non toxic, polymers and safely removes algae from ponds, creating a healthy ecosystem with clean, clear, beautiful water, where aquatic life can thrive.

Attached to a fountain, bubbler, aerator, the steps of a waterfall, or at the end of a filter system, the Pond Zinger™ slowly dissolves, releasing its components into the pond where excess nutrients, such as Phosphorous, bind together and settle out. The result is improved pond water quality in terms of clarity, reduced phosphates and algae, odor control, decreased suspended solids, and metal discoloration removal. The created sediments can be removed by the bacterial action of MicrobeLift Clean & Clear! (page 4-9) Independent studies have shown that the PONDZINGER™ can remove up to 75-85% phosphorus from pond! Once the water is clean, any remaining Pond Zinger™ can be removed from the pond, dried, and then stored away from sunlight until it is needed again. The pond should remain clean for the season, unless more phosphorous enters it.

ADDITIVES

Colombo - Water treatments

D



COLOMBO .ALGISIN 1000ML/10.000L UK	MD9669	13.76
COLOMBO .ALGISIN 2.500ML/25.000L UK	MD9670	26.10
COLOMBO .ALGISIN 5.000ML/50.000L UK	MD9800	45.69
COLOMBO .ALGADREX 1.000ML/10.000L D+E	MD9801	17.76
COLOMBO .ALGADREX 2.500ML/25.000L D+E	MD9802	31.47
COLOMBO .BIOX 1000ML/32.000L D+E	MD9803	13.76
COLOMBO .BIOX 2500ML/80.000L D+E	MD9675	25.38
COLOMBO .BIOX 5000ML/160.000L D+E	MD9676	43.66

BiClear- BiClear prevents the growth of floating algae and gives you crystal clear and healthy water. This product also adds and helps replenish minerals essential to healthy fish and plant life. 1000ml treats 14,000ltrs of pond water.

Algadrex- Algadrex is a flocculant which is added to ponds with a lot of suspended algae particles in the water. The algae will clog together and float on the surface or sink to the bottom. The pond water will go from green to clear in 1 hour. 1 x sachet will treat 2,000 ltrs of water.



Algisin- Algisin is a powerful and reliable solution to blanket weed. After use the blanket weed will start to disappear within a few days, within 14 days it will be completely gone. 1000ml treats a pond of 10,000ltrs.

Bi Ox- Bi Ox prevents the growth of blanket weed. Due to the strong oxidising power of BIOx, organic waste and sludge will be decomposed, and the growth of blanket weed interrupted naturally. 1000ml treats 7,000ltrs of water.

EA- PURE

M

Pure Pond 500ml (Slow release bacteria balls)	MD9683	10.75
Pure Pond 1000ml (Slow release bacteria balls)	MD9684	20.48
Pure Pond 2000ml (Slow release bacteria balls)	MD9685	32.37
Pond Bomb	MD9686	16.17
Pure Filter start Gel (1ltr)	MD9687	19.92
Pure Filter start Gel (2.5ltrs)	MD9688	39.87
Pure Bomb Counter display (inc 36pcs)	MD9689	581.61



PURE+ Filter Start Gel is a live, concentrated bacteria culture for use in new pond filters. The gel based solution will stick to the filter media, allowing the nitrifying bacteria it contains to rapidly colonise your filter.



Pure Pond are biodegradable balls, crammed full of live bacteria that are slowly released when they are needed most.

With over 8,000,000,000 bacteria per litre of Pure Pond Balls, your pond will shine even more than normal, especially if you add them monthly into the K1 Media Moving bed, or into any other type of filter you may have.



ADDITIVES / Water testing

JPD - Mud Booster

JPD Mud Booster 2kg	MD9299	33.25
JPD Mud Booster 10kg	MD9300	140.51



JPD Mud Booster is a very high quality clay which contains over 85% of pure Montmorillonite, considerably higher than other leading brands. Not only does it have such a high purity level, this clay is mined in Japan. One of only a few clays on the Koi market that originates from the home of Koi. The clay is mined in the Yasawagi Mountains, Akita district of Japan which is also home to the famous "Refresh Powder" clay also known as the white magic powder.



JPD Mud Booster consists of 67 minerals that includes 16 essential minerals such as silicic acid, aluminium, calcium, magnesium, sodium, iron and more. The unique structure is made up of crystal layers that are a nanometer thick. As a result, there is a huge surface area of 750 m2 per gram. This surface area allows great absorption of toxins, and binding of organic substances. As these substances are absorbed and flocculated by the clay, the filter is far more efficient at removing these substances from the water. The powder is very fine, making it extremely easy to dissolve. Once fully dissolved in the pond, you'll achieve crystal clear water that looks bright and alive.

Direct benefits of JPD Mud Booster for your pond water:

- *Neutralises and stores waste, toxins, metals.
- *Binding of organic substances such as algae and colours.
- *Accelerated disposal of undesirable substances in your pond.
- *Crystal clear water pond with a soft glow.
- *Algae growth is largely suppressed by the removal of nutrients that algae thrives on.
- *Stabilises the hardness and acidity of your pond water.
- *Direct benefits of JPD Mud Booster for Your Koi:



Due to less toxins and added minerals to your pond, skin quality of your koi can improve significantly. The addition of key minerals that your water may lack can ensure the improvement of the immune system in the Koi. Improvement in digestion and better resistance against viruses/disease. Trace elements can encourage and increase the healing capability of damaged koi. Notably better sumi development with the addition of calcium, magnesium and silicates into the water. Increased appetite, more confident koi.

FOK Bio factor VL

Fok Bio Factor VL improves water clarity & quality Improves growth, bone & scale strength, colour and your Koi's appetite. Reduces blanketweed- Japan's No.1 water additive 50g treats 2200 gallons.

*Fok Bio Factor VL is the most widely used conditioner in Japan. Fok Bio Factor VL promotes good water quality whilst speeding fish growth by use of water purification bacteria, minerals.

*FOK Bio Factor VL will improve water quality and clarity, gives your water a real sparkle!

*FOK Bio Factor VL enhances colour & lustre on your Koi, helps bone & cellular growth.

F.O.K 1.5 kg	MD952	25.31
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Water Testing

Colombo Test Kits

G

COLOMBO TEST LAB	TK954	35.29
COLOMBO PH TEST	TK9541	6.38
COLOMBO GH TEST	TK9542	6.38
COLOMBO KH TEST	TK9543	6.38
COLOMBO NO2 TEST	TK9544	6.38
COLOMBO NO3 TEST	TK9545	9.63
COLOMBO NH3 TEST	TK9546	9.63
COLOMBO PO4 TEST	TK9547	9.63
COLOMBO QUICKTEST 6 in 1 Teststrips (pk of 50)	TK9548	11.20



The Test LAB Kit included test tubes, instruction card and record form which make water testing very easy.

Colombo Water Test Kits come with convenient plastic case for ideal safe storage.

You can also use the Colombo test strips for quick indications.



Kusuri Test Kits

R

Kusuri Multi Test Kits	TK983	30.00
Kusuri PH Test Kits (30 tests)	TK971	18.00
Kusuri Ammonia Test Kits (30 tests)	TK972	18.00
Kusuri Nitrite Test Kits (30 tests)	TK973	18.00
Kusuri Nitrate Test Kits (30 tests)	TK974	18.00
Kusuri KH Hardness Test Kits	TK975	23.00
Kusuri Salinity Test Kits	TK976	23.00
PH refills (Kusuri)	TK977	12.00
Ammonia refills (Kusuri)	TK978	12.00
Nitrite refills (Kusuri)	TK979	12.00
Nitrate refills (Kusuri)	TK980	16.00
KH refills (Kusuri)	TK981	33.00
Salinity refills (Kusuri)	TK982	33.00



The Kusuri range of visual test kits all feature Palintest® technology components, they are the very best in visual test kits. All kits feature an easy to colour match plastic acetate card, and are supplied with non-degradable foil sealed tablets. Each kit will do 10 tests of the following water parameters- **Ammonia, Nitrite, Nitrate, Ph, Kh**

The "one off" range principle is exactly that! Buy it once, and you can replenish your kit with refill tablets(for 50 tests) or any other components required, and of course we put plenty of water quality information in our kits, so appropriate action can be taken if results are not as anticipated.

Water Testing

OASE - Quickstick

P

OASE Quicksticks (6 in 1)

TK990

18.60

Oase Quickstick 6 in 1 is the new quick test kit from Oase.

The Quickstick tests for pH value, total hardness, carbonate hardness, nitrite (NO₂), nitrate (NO₃), chlorine (CL₂). Simply dip the strip in to pond water and compare against the handy chart on the container. It really couldn't be easier and as the kit contains over 50 strips, you can be confident of accurate, reliable results for longer.

Instructions:

Dip the test strip in the pond water for one second

Shake off excess water

Wait for one minute then compare against colour chart

Key Features:

For fast, simple and reliable water analysis for the 6 most important values.

Takes about one minute.

Suitable for testing approximately 50 water samples (300 parameters).



Seneye

E

Seneye POND PACK WI-FI (UK)

TK9840

282.26

Seneye Slide Pack (3 x pcs)

TK9844

22.74

Seneye Web server

TK9838

124.19



monitors...

- Temperature in C and F
- Water level monitoring
- NH₃ - requires slide
- pH - requires slide
- Light level on Pond and Home
- Reef adds light spectrum analyzer
- Reef adds PAR, LUX and Kelvin levels

scan to see videos



low cost seneye+ slide...

- NH₃ monitoring (free ammonia) 1500 readings
- pH monitoring 1500 readings
- Each slide lasts 30 days
- graphing for NH₃ and PH

All other functions work with out slide



now available in store



Intelligent and intuitive the Seneye Pond kit quickly and easily tests the water in your garden pond. It can simply be dropped or floated (using the Seneye Float included), to give reliable results. It constantly monitors the pH, ammonia, temperature and even oxygen values thanks to a sensitive and accurate sensor system. The easy to read display tells you everything you need to know at a glance with clear icons for power, temperature and parameters. The Seneye Pond can be linked via USB to your laptop or computer to give constant results just as you needed. It provides over 5,600 readings per month, which means a clear picture of your pond health. Seneye also offer an SMS and email service that sends information straight to your smart phone or tablet.

Water testing

Koi Medic

Koi Medic Salinity Tester	TK961	98.18
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Trans Instruments has specially designed the Koi Medic tester to measure the delicate salt concentration in the pond. Two models of your choice measuring in percentage(%) or parts-per-thousand (ppt). The testers are accurate and easy to use. All you need to do is turn it on and dip into the pond water.

The Koi Medic provides accurate results and is very easy to use, simply turn on and hold in the pond. Within a couple seconds the LCD displays the salt concentration measured in percentage. Measures accurately from .01% to 1%.



Specifications	
Units of measurement	%
Range	0.00 - 1.00%
Resolution	0.01%
Accuracy	±0.03%
Battery Type	4 x 1.5V Button Cell (Alkaline A76 or equivalent)
Battery Life	Approximately 150 hours (Continuous Use)
Automatic Shut-off	Approximately 15 minutes
Temperature Compensation	Automatic 0 - 50 degrees Centigrade
Operating Temperature	0 - 50 degrees Centigrade
Size (L x W x H)	170mm x 32mm x 15mm
Weight	Approximately 70 g

PH Pal +

PH Pal + Digital PH Pen	TK962	61.36
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The pH Pal digital pH meter contains a special probe which measures the pH of water. The end of the meter is dipped into the pond and then switched on. After a short time, the display will settle and pH of the liquid will be shown on the LCD readout. The meter can be calibrated by an inset screw at the back of the unit.

The meter is straightforward to use and is accurate making it great value-for-money



Microscopes

Novex Microscopes

H

Novex BIO Blue BINO (BB 4260)

MI977

570.00

euromex
microscopes

Secured wide field eyepieces WF 10x/18 mm with fixed pointer
Binocular 45° inclined tube, 360° rotation. Tube length 160 mm
Nosepiece for 4 objectives. Ball-bearing mechanism and click-stops
Achromatic 4x N.A. 0.10, 10x N.A. 0.25, S40x N.A. 0.65 and S100x N.A. 1.25 35 mm parafoal DIN 35 mm parafoal objectives
The S40x objective is spring-mounted
Square stage 115 x 100 mm with 55 x 22 mm X-Y translation stage
Coaxial coarse and fine adjustments with 200 graduations. Precision 15 µm, 3 mm per rotation. Total travel approximately 15 mm. Friction adjustment
Friction of focus control can be adjusted
N.A.1.25 condenser with iris diaphragm and filter holder
1 W LED illumination with intensity control, rechargeable batteries with external power supply/charger
Supplied with manual and dust cover in styrofoam case



Novex BIO Blue MONO (BB4220)

MI978

402.50

BioBlue monocular microscope

- SMP 4/10/S40x objectives with mechanical stage and 1W LED cordless illumination 302,00
- Secured DIN WF 10x/18 mm eyepiece with pointer
- Monocular head, 45° inclined, 360° rotatable
- Reversed quadruple revolving nosepiece on ball-bearings Semi plan 4x, 10x, S40x objectives
- All optics are anti-fungus treated and anti-reflection coated for maximum light throughput
- Coaxial coarse and fine adjustments with 200 graduations.
- Precision 2 µm, 0.4 mm per rotation.
- Total travel approximately 23 mm.
- Friction adjustment Plain 130 x 130 mm stage with 70 x 28 mm mechanical stage
- Height adjustable Abbe condenser N.A. 1.25 with iris diaphragm and filter holder
- 1 W LED illumination with 3 rechargeable batteries Internal power supply 100-240 V (CE)
- Supplied with power cord and dust cover in styrofoamcase



Novex Led Junior 81.500

MI974

150.00

- Head Monocular rotatable tube 130mm
- Eyepiece With locked in WF 10x eyepiece with fixed pointer
- Revolver Triple revolving nosepiece locked in achromatic objectives 4x, 10x and spring loaded S40x.
- Focusing Rack and pinion focusing with slip clutch mechanism
- Stage 90 x 90mm with condensor, disc diaphragm and locked on stage clips
- Adjustable Stopper To prevent objectives and specimen
- LED Illuminator With 3 rechargeable Ni-MH batteries for minimum 60 hours use. Includes battery charger for 230v connection.
- Stand Off white/black epoxy coated stand
- Magnification 40x, 100x and 400x
- Packed with dust cover in styrofoam case



Microscopes- Slides and cover slips

Slides and Cover slides

L

Glass Slides x 50 Pcs	MI975	8.80
Cover Slides x 100 Pcs	MI976	5.70



Kusuri Surgical Kit

G

Kusuri Surgical Kit (Tweezers scalpel etc...)	MD978	26.61
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Supplied in a zipped case, everything you need when performing minor surgical procedures. Kit consists of tweezers, scalpel blades, handle, radius scissors, butterfly probe, single inspection probe.

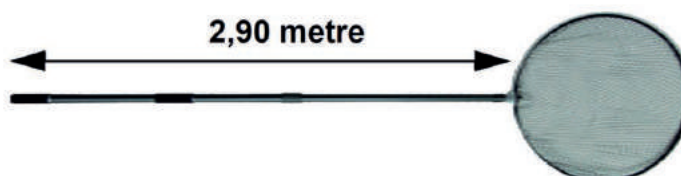
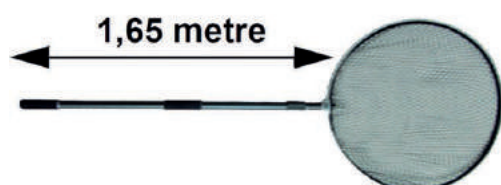


Nets and Handles

AquaforTE Nets / Handles

F

60cm Dia AquaForte Net with 1.6mtr - 3mtr Telescopic handle	NH579	66.50
80cm Dia AquaForte Net with 1.6mtr - 3mtr Telescopic handle	NH580	75.79
100cm Dia AquaForte Net with 1.6mtr - 3mtr Telescopic handle	NH581	83.80



Koi PRO Nets and Handles

E

KOI PRO ALU KOI NET Ø 60 CM & HANDLE 250 CM	NH555	70.21
KOI PRO ALU KOI NET Ø 80 CM & HANDLE 300 CM	NH578	77.83



These nets are high quality yet affordable, lightweight and storable. The handles are fixed and have rubber handle grips



Norfine Nets / Handles

I

29" Norfine Net Head	NH557	42.07
24" Norfine Net Head	NH558	38.32
66cm Net Complete with 2mtr Aluminium Handle	NH560	45.51



Nets and Handles

Wooden handled complete nets

G

Jap Net Wooden Handle (80cm x 2.7m)	NH556	287.50
19" Wooden Handled Complete net	NH561	38.36
25cm x 23cm Small Leaf Nets (1mtr wooden handle)	NH562	8.38



Telescopic handles

P

6-12ft Extendable Handle	PC585	33.00
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These alluminium handles have a twist and lock fitting which allows the user to lock the extension at the desired length. They have a universal (two hole) click fit end which fits a wide range of heads such as- Norfine nets, leaf nets, vacuum heads etc. (most heads fit these poles)



Koi Handling Socks

I

9" Koi Sock Net	NH563	22.09
11" Koi Sock Net	NH564	28.37
11" Watertight Sock Net	NH565	35.79

27cm Blue Transfer sock (watertight) JAPANESE	NH5651	102.82
30cm Blue Transfer sock (watertight) JAPANESE	NH5652	108.09

Koi socks are designed to carry a koi from the pond to a inspection bowl or tank without causing harm or stress to the fish. The watertight sock means the water remains in the sock and is very useful for quickly filling up or emptying an inspection bowl.



Nets / Bowls / Tanks

Culling nets

8" Japanese Culling Net	NH5653	29.00
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Culling nets are used for selecting smaller Koi.



Flexible Koi Bowls

AquaForte Flexible Koi Bowl 180cm	BT6151	121.19
AquaForte Flexible Koi Bowl 120cm	BT616	80.86
AquaForte Flexible Koi Bowl 90cm	BT594	56.85



These Collapsible Flexi bowls are made from a Blue waterproof fabric, which are ideal for temporary viewing, medication baths or to observe koi more closely for wounds, disease or defects and of course photography of fish.

Koi Bowls

KOI PRO BLUE KOI BOWL 80 CM	BT600	70.50
KOI PRO BLUE KOI BOWL 67 CM	BT601	33.74
32" diameter x 15" Dia (150ltr) Bowl with litre measure	BT6031	35.00
28" diameter x 12" (100ltr) Bowl with litre measure	BT603	24.25
26" Dia x 10" Blue Inspection Bowl	BT605	18.43
24" Dia x 10" Blue Inspection Bowl	BT6051	15.58
22" Dia x 9" Blue Inspection Bowl	BT6052	13.40



NEW 32" diameter with 150ltr measure

Measuring Tanks

PLASTIC KOI MEASURING TANK 80 CM	BT599	33.92
22" Dia x 9" Blue Inspection Bowl	BT6052	13.40
1m GRP Measuring Bowl PRO GM	BT608	172.83
1m GRP Measuring Bowl Large-PRO GM	BT609	264.48
48"x24"x24" Rectangular Tank	BT606	197.06



Show Vats

AquaForte quality koivat Ø100 x 60cm	BT6152	351.14
AquaForte quality koivat Ø150 x 60cm	BT6153	522.11
AquaForte quality koivat Ø150 x 100cm	BT6154	633.42
AquaForte quality koivat Ø200 x 60cm	BT6155	701.12
AquaForte quality koivat Ø200 x 100cm	BT6156	841.12
AquaForte quality koivat Ø250 x 100cm	BT6157	1161.27
AquaForte quality koivat Ø300 x 100cm	BT6158	1393.07
AquaForte cover sheet koi vat Ø100cm	BT6159	69.94
AquaForte cover sheet koi vat Ø150cm	BT6160	107.23
AquaForte cover sheet koi vat Ø200cm	BT6161	140.00
AquaForte cover sheet koi vat Ø250cm	BT6162	190.49
AquaForte cover sheet koi vat Ø300cm	BT6163	235.24

Can be used as:

- Temporary accommodation for your koi
- Quarantine vat
- Show vat
- Breeding tank

AquaForte koi vats can quickly be set up and dismantled. The liner is 1mm thick.



Isolation Baskets / Tanks

Floating isolation nets (inc cover)

G

SKS 76cm Floating Net inc Net Cover	BT595	54.26
SKS 106cm Floating Net inc Net Cover	BT596	69.43
76cm Tub Cover	BT597	12.78
106cm Tub Cover	BT598	15.39



The Norfine Floating Isolation Cage is perfect for holding koi for short periods of time.

The Floating Retaining Net has many advantages over the floating basket, it's soft and can't damage the Koi and like the Floating Basket the water flows through it changing it all the time.

The Norfine Floating Isolation Cage has its own elasticated cover to prevent the Koi from jumping out.

Japanese style zip-up cage nets

NEW



***Japanese style floating containment net.**

***Smooth Black 3mm mesh netting.**

***40mm diameter floatation pipework frame.**

***Small weights in the bottom corners to sink the bottom.**

***Zip up lid (4 x zips)**



Available in- 60cm x 60cm x 60cm and 92cm x 92cm x 92cm

2ft x 2ft x 2ft Japanese style containment zip cage	BT200	50.96
3ft x 3ft x 3ft Japanese style containment zip cage	BT201	69.29

Automatic Feeders

Aquaforce

L

Aqua Forte Auto Feeder Holds 5Ltr

AF1025

86.53

- Can feed up to 6 times per day
- Food quantity per feeding can be set freely
- Each feeding time can be set
- Manual feeding button
- LED display panel, can display clock and feeding parameters
- Low battery indicator. Works on 4 "C/LR14" 1,5 V batteries (not included) or on 12V transformer (included!)
- 5L food capacity
- Removable locking lid and food tank for easy cleaning
- Clip angles included

**AQUA
FORTE**

12V transformer with 5 metre cable is included!



Works with batteries or with help of 12V transformer



Aquaforce

F

NEW



AQUAFORTE AUTOMATIC FISH FEEDER 8L

Totally new concept in design and reliability. Suited for moist weather conditions. Easy to install. The lid has a special compartment for silica gel/desiccants to keep the food extra dry. Can hold up to 8 liter of food. Easy to expand to 15 liters by adding an extra container on top. Can feed pellets from 3 to 10 mm. Not suited for dried shrimps/insects.

- 1 - 6 feeding times per day.
- Adjustable food amount from 5 g to 3 kg per day.
- 0 - 9 days interval options.
- No memory loss after power off.
- 8 liter food capacity (expandable to 15 liter).

Versatile power options (not included):

- 4 AA batteries;
- Rechargeable battery pack;
- Power adapter;
- Solar panel.

**AQUA
FORTE**



Adapter extension cable



Power adapter



Rechargeable battery

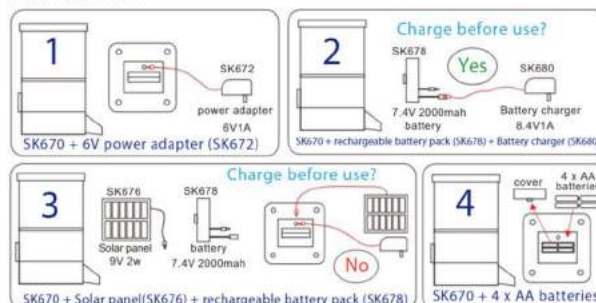


Solar panel



7 liter extra container

POWER SUPPLY OPTIONS



**AQUA
FORTE**



NEW- AquaForte Fish Feeder 8ltr	AF1038	166.84
AquaForte Adapter 6V for feeder 8ltr	AF1039	8.01
AquaForte 7ltr expansion for feeder	AF1040	24.03
AquaForte solarpanel 1m cable for feeder	AF1041	17.35
AquaForte battery feeder/solar panel	AF1042	31.37
AquaForte 5m cable for feeder 8ltr	AF1043	6.54

Automatic Feeders

Koi Pro (Superfish)

F

Koi PRO Auto feeder

AF1033

89.51

The Automatic feeder can be programmed to dispense between 1-24 meals into your garden pond and the waiting fish below. Each feed can be set at any desired time and volume allowing you to vary how and when to feed your fish. A mounting bracket is provided to allow installation of the feeder on a wall, post or even ground mounted to sit at the best position around your pond. The control unit is connected to the feeder and can be mounted in any easily accessible position

The food hopper can hold up to 7 Litre in food capacity and is suitable for 2-9mm pellets.



Cloverleaf

F

Cloverleaf Auto Feeder Small (5ltr)

AF1022

148.09

Cloverleaf Auto Feeder MED (10ltr)

AF1023

156.54

Cloverleaf Auto Feeder Large (20ltr)

AF1024

165.01

Cloverleaf's electronic computerised auto fish feeders are a breakthrough in both sophistication and exceptional value for money, and will be appreciated by all pond keepers who either have frequent holidays, or by those who are away from their ponds during most of the day. Feeding small amounts at frequent intervals is scientifically known to be the best of techniques for the benefit of both fish & filtration systems, and the computer controller with digital display allows just this. Up to 8 feeds a day over any given period are possible, with full control over the exact amount being fed. Models are available in three sizes - the Small (5lb pellets), Medium (10lb), and Large (20lb as photograph), with the largest model measuring approx 530mm high x 275 dia.



X-Clear

L

XCLEAR Econofeeder

AF1034

225.95



Feeding your fish with an automatic feeder has many advantages. you get the most out of your fish by always precisely providing the correct amount of feed this ensures optimal growth as the feed is dosed in smaller amounts at a time, this has a beneficial effect on the health of the fish. unnecessary pollution of the water and additional strain on the filter can be prevented if your fish eat all the feed that is provided. With the programmable timer, it is possible to carry out fully automatic feeding between 1 and 24 times a day the quantity of feed can be set by adjusting the number of dosing seconds per hour. the number of dosing seconds per hour can be set between 0 and 120 seconds.



Linn Profi

I

Linn Profi Feeder (High quality)

AF1035

427.27

Profi Automatic Feeder has developed an alternative to clockwork feeders! The Profi Automatic Feeder has many applications, including Fry feeding, Feeding of koi and ornamental fish, Hobby ponds. The special mechanism of the new Profi Automatic Feeder has been taken from the established Profi Automatic Feeder, a success for many years. This mechanism ensures that the food is delivered to the fish in the required quantities, intact, and without dusting. The food is delivered by a portioning finger, which is driven by a 12V or 230V geared motor. The feeding rate is about 100g per minute according to the feed quality and size.



MADE IN GERMANY

Automatic Feeders

EVOFeed auto feeder (6ltrs)

K

EVO-Feed Automatic Feeder (6ltrs)

AF1037

140.28

evoFeed Automatic is an automatic fish feeder suitable for medium and large ponds. The unit can be programmed to dispense food into the pond at timed intervals throughout the day. The distance the food is propelled, and the amount of time it is dispensed for, are also adjustable.

Weatherproof, evoFeed Automatic can be mounted pond side, and is powered via its own built-in, rechargeable battery.

evoFeed Automatic is ideal for Koi ponds where large quantities of pellets are fed frequently, throughout the day. It is also ideal for holiday feeding.

The feeder is designed to use **pellets from 3-10 mm diameter**. We do not recommend the use of sticks, flakes or other shapes of food.

The rechargeable lithium battery only needs an overnight charge indoors, to then operate for at least 3 months powered by its own battery, depending of the timer setting. Adapter for charging is included. The feeder will work as normal when adapter is plugged in.

evoFeed Automatic is specially designed with a strong motor and extra bottom ventilation over the impeller to prevent the food from clogging.

Fixing pegs are included, which makes it easy to place and secure the feeder at the edge of your pond.

EVOLUTION
AQUA
INNOVATION IN WATER



Depending on the size of your pond, you can set the feeder motor to **3 different speeds**. This sets the distance that the food is propelled.

As a reference normal 6mm. Koi pellets have the following approximate distance:

Low: (60%) **1 metre**
Medium: (80%) **2 metre**
High: (100%) **3 metre**



Open the base cover plate underneath the feeder to reveal the circuit board where you can adjust the throwing distance (as shown above).

Amount of food

You can set the timer up to 6 times a day, and for up to 19 seconds each time. As a reference, for normal 6mm Koi pellets, about a handful equals 3-5 seconds.



BATTERY CHARGE INDICATOR

PROGRAMMABLE - Feed up to six times per day

ADJUSTABLE - Set distance and duration

DIGITAL - Clear, accurate display

BATTERY POWERED - Up to 3 months off one charge

FEEDING RANGE	FOOD	CONTAINER VOLUME	POWER	DIMENSIONS
1 to 3 metres 120° angle	3 to 10mm pellets only (Not suitable for flake and stick)	6 litre capacity	Built-in rechargeable battery (Indoor charger cable included)	370mm 310mm 400mm (including tray)



Pond Cleaning - Aquaforte XL Vac

Professional pool/pond vacuum cleaner for maintenance without delay! Due to the submersible pump in the bottom of the unit, the incoming water will be continuously pumped out to waste. The incoming water is pre-filtered through a fine mesh filter bag to separate leaves, algae, small twigs, pebbles, substrate, etc. This filter bag is easy to remove and has a large zipper for fast cleaning. The water passing this filter mesh bag will be pumped out with the 900 watt dirty water submersible pump to waste or to a finer filter (like a sieve filter, drumfilter, fleece filter or other) when water loss is not desirable.

The waste hose is fitted with a professional (fibreglass reinforced) Storz coupling. Draining capacity is $\pm 7\text{m}^3/\text{h}$. Due to the powerful 1400 watt suction turbine the vacuum cleaner can be used up to 2,5 meter depth. The stable hand grip and large wheels facilitate easy transport around the pond. Total weight is 19 kg.

The Vacuum Cleaner XL is the only pond cleaner in its class that has the GS (Geprüfte Sicherheit) certificate. The Vacuum Cleaner XL comes with telescopic pole (1,5 - 4,5 mtr) and a universal (transparent) suction nozzle. The suction hose and discharge hose are separately available in 5 or 10 meter. Special substrate/gravel suction heads as well as a triangular shaped suction head are separately available.



Oval and round gravel cleaners

bottom cleaner

suction hose

waste hose

Pond Vacuum cleaner XL (inc pole and nozzle)	PC101	1111.98
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discount code
F

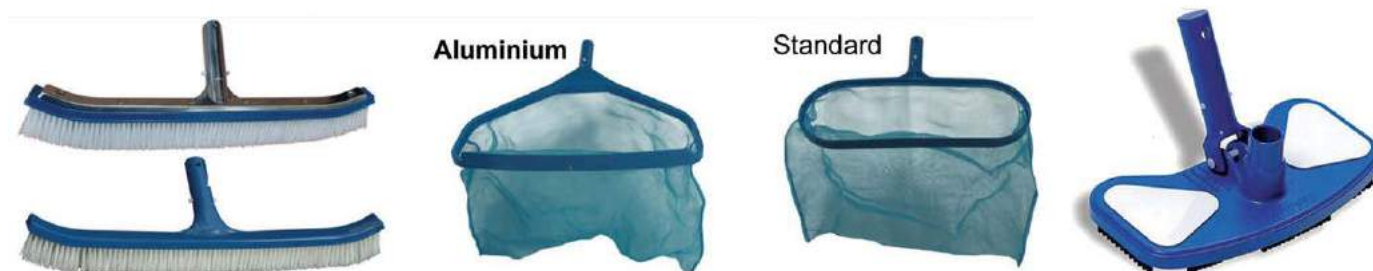
Waste hose Ø38mm with Storz coupling L = 5mtr	PC103	81.38
Suction hose Ø38mm L = 10 mtr	PC104	98.05
Waste hose Ø38mm with Storz coupling L = 10mtr	PC105	121.33
Round gravel/substrate head	PC106	160.11
Oval gravel/substrate head	PC107	160.11
Professional GRP telescopic pole L = 24 to 48	PC109	131.18
Professional GRPtelescopic pole L = 34 to 97	PC110	308.47

Pond Cleaning

Net and brush heads

F

Brush head	PC5832	5.95
Brush head (Aluminium Back)	PC5833	9.58
Deep Leaf Net Scoop - with Aluminium back (Fits extendable handles)	PC5831	9.58
Deep Leaf Net Scoop (Fits extendable handles)	PC583	11.60

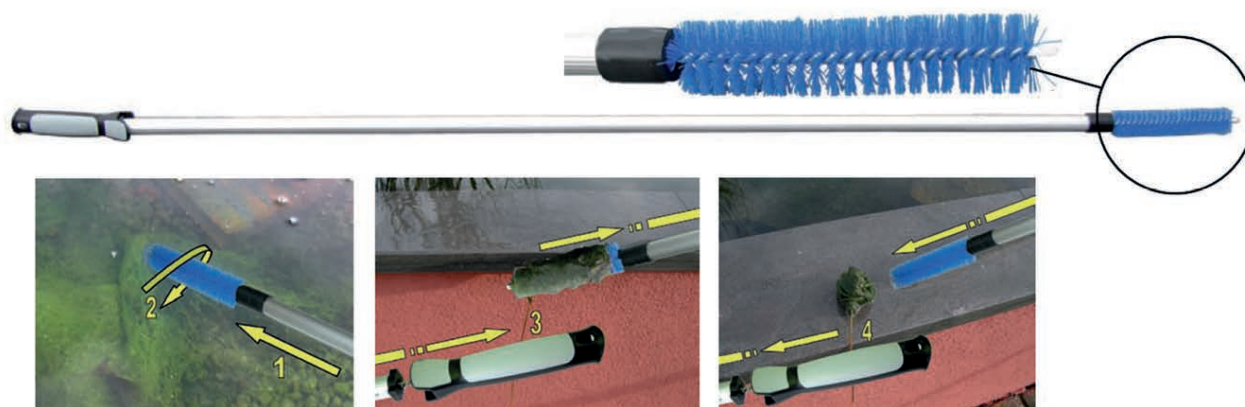


Blanketweed brush

E

Blanketweed brush	PC598	18.24
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Very convenient tool to remove blanket weed! Twist the blanket weed around the brush, retract the brush back into the handle and the blanket weed will fall off the brush. Aluminium handle with plastic grip. Total length: 175cm.



Pond Cleaning

Pond-O-Vac Classic

V

OASE Pond-O-Vac Classic

PC595

311.48

The Oase Pondovac Classic is a sludge vacuum cleaner, which can remove debris up to 10 mm in size including algae, string algae, sludge, dead vegetation etc. by way of the suction hose.

With it's 27 litre tank is made of impact resistant plastic and features a self emptying sludge draining system.

The sludge is drawn through an adjustable nozzle (2-10mm) into the container via a 4m connecting hose.

Once the container is full of sludge, the motor switches off automatically.

Power consumption	W	1400
Suction depth max.	m	2
Max. flow rate	l/h	3000



OASE Pondovac

V

OASE Pond O Vac 4 (New spec)

PC593

552.99

OASE Pond O Vac 5

PC599

1206.56

Oase
LIVING WATER

Dimensions (L x W x H)	mm	435 x 395 x 670
Rated voltage		220 - 240 V / 50 Hz
Power consumption	W	1700
Power cable length	m	4
Net weight	kg	13,1
Guarantee*G (+ request guarantee)	Jahre	2 + 1
Suction depth max.	m	2,4
Max. flow rate	l/h	5000
Length, suction hose	m	5
Length, discharge hose	m	2,5

PondOVac 4



The **Pondovac 4** is capable of vacuuming down to depths of 2.4 metres. Also the NEW Oase Pondovac 4 achieves non-stop cleaning avoiding annoying stop/start container emptying, like some of its inferior competitors and the old Pondovac 2.

The PondoVac 5 features a pumped waste outlet, meaning the dirty water can be pumped uphill after the vacuum cleaner to a drainage point rather than via gravity discharge as with previous PondoVac models.

The NEW PondoVac 5 features high suction power of up to 8000 Litres per Hour and the supplied lances enable suction of pond debris and general detritus as deep as 2.5 metres.

Dimensions (L x W x H)	mm	436 x 426 x 718
Rated voltage		230 V / 50 Hz
Power consumption	W	1700
Power consumption pump	W	900
Power cable length	m	7,5
Net weight	kg	24,4
Guarantee*G (+ request guarantee)	Jahre	2 + 1
Suction depth max.	m	2,5
Max. flow rate	l/h	8000
Length, suction hose	m	5
Length, discharge hose	m	10
Floating hose application		35 mm

PondOVac 5



Cover Nets / Pond defence

Blagdon

M

Blagdon Fine Black cover net in carry bag 3 x 2m	NH5733	10.50
Blagdon Fine Black cover net in carry bag 4 x 3m	NH5734	17.69
Blagdon Fine Black cover net in carry bag 6 x 5m	NH5735	35.37
Blagdon Fine Black cover net in carry bag 10 x 6m	NH5736	56.40

Blagdon Strong durable double weave pond covering net

- *Complete with fixing pegs.
- *Fine Black Net
- *Provides protection from predators such as herons and cats
- *Prevents leaves falling into the pond and causing water quality problems
- *Stops fish from jumping out of the pond



Kockney Koi - Yamitsu

M

Kockney Koi / Yamitsu cover net in carry bag 3 x 2m	NH5737	11.76
Kockney Koi / Yamitsu cover net in carry bag 4 x 3m	NH5738	16.17
Kockney Koi / Yamitsu cover net in carry bag 6 x 5m	NH5739	20.58
Kockney Koi / Yamitsu cover net in carry bag 10 x 6m	NH5740	35.28

Presented in reusable zip lock storage bag the Kockney Koi Pond Cover nets will give protection from predators, stops leaves falling into the pond and helps to stop your fish from jumping out.

They each come with flat-headed pegs, which mean when they are inserted fully into the ground there is minimal/no trip hazard.

There are four sizes available:

- Kockney Koi Pond Cover Net 3m x 2m - with 8 Pegs
- Kockney Koi Pond Cover Net 4m x 3m - with 12 Pegs
- Kockney Koi Pond Cover Net 6m x 4m - with 14 Pegs
- Kockney Koi Pond Cover Net 10m x 6m - with 18 Pegs



Pond Defence

Aquaforte Pond defence

C

Aquaforte Pond Defence 100 (Electric Fence)	PD1034	94.27
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**AQUA
FORTE**

The Pond Defence Set is an electric fence wire for ponds. It protects fish against herons, cats and other unwanted visitors.

The Pond Defence Set includes 100m of electrical fence wire. It is easy to install and comes complete with pegs.



Motion sensor

G

SUPERFISH BIRD&CAT SPRINKLER	PD1033	69.65
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Aquaforte Garden Sniper	PD1038	68.38
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The Superfish Heron scarer detects the heat and movement of unwanted visitors, both the 4 and 2 footed variety and uses a powerful spray to harmlessly scare animals and birds away. The effect of sudden noise, movement and water is both startling and immediate, and animals quickly get out of the area and avoid it in the future.



**AQUA
FORTE**

The original electronic heron scarer. Detects the heat and movement of an unwanted visitor. The effect of sudden noise, movement and water is both startling and immediate, and animals quickly get out of the area and avoid it in the future. The device is being delivered with a garden hose coupler and a 9V alkaline battery!



Books

Nishikigoi Yearbook

I

Nishikigoi Yearbook (*Specify which Issue*)	BO1046	10.91
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From the creators and publishers of the widely acclaimed Nishikigoi International Magazine 1989 – 2006, this brand NEW specialist Koi publication aspires to provide a much needed high quality extended magazine publication that delivers high quality, stimulating editorial material in an engaging, relevant and entertaining totally NEW format.



Nishikigoi Manual

G

Nishikigoi Manual Diseases & Varieties	BO1051	41.25
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The Nishikigoi Manual of Diseases & Varieties contains a brief history of koi and details koi health, beautiful quality photographs, and concise information in both Japanese and English. There is a detailed section on remedies, some of which are not contained in other koi health books.

The author, Mr. Kuroki was the long time president of the Japanese Koi hobbyist organization, the Zen Nippon Airinkai association. This text should be on every serious Koi hobbyist's bookshelf.



Maarten Lammens

G

The Koi Doctor (Maarten Lammens)	BO1050	44.83
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The Koi Doctor is an essential overview of all aspects of Koi keeping. This guide is intended for hobbyists who care deeply about their ornamental fish. The innumerable tips in this book are indispensable for anyone who wants to keep their Koi in the best conditions possible. The Koi Doctor enlists and describes the most common problems in Koi keeping and presents simple solutions if possible.



DVDs

Gift Ideas

G

901-5 Ceramic Koi Ornaments (set of 6)	GI1067	25.00
901-4 Ceramic Koi (set of 3)	GI1068	33.62
909-4,5,6 Decorative Koi Plate (3 designs)	GI1069	27.59
915-4,5,6 Koi Vase (3 designs)	GI1070	9.05
905 3D Koi Ornament	GI1071	64.66
911 Set of 6 Koi Mugs (All different)	GI1072	27.59
910 Large artistic Mug 400cc	GI1073	9.43
914-2,3,4 Mascot Ornament (3 Varieties)	GI1074	13.79
912 Lovers Cup-set	GI1075	25.86
918-1 Koi Ash-Tray	GI1076	13.28
919 Koi Cup/Saucer (set of 2)	GI1077	18.88
904-1 Koi Playing Cards (Paper)	GI1078	2.33
904-2 Koi Playing Cards (Plastic)	GI1079	3.71
916-B Mobile Phone Ornament	GI1080	1.64
KR-108 Silver or Bronze Koi Key-Ring	GI1081	5.09

KOI POSTER NR 1 LAMINATED	GI1084	20.68
KOI POSTER NR 2 LAMINATED	GI1085	20.68
KOI POSTER NR 3 LAMINATED	GI1086	20.68
KOI POSTER NR 1 A4 SIZE LAMINATED	GI1087	5.59
KOI POSTER NR 2 A4 SIZE LAMINATED	GI1088	5.59
KOI POSTER NR 3 A4 SIZE LAMINATED	GI1089	5.59



Koi bags and packaging

F

High Quality Jap Poly Bags (Set of 2) 53cm x 140cm	KB1090	4.42
High quality Jap Poly Bags (Set of 2) 50cm x 110cm	KB1091	3.26
Jap Poly Bags (Single) 40cm x 80cm	KB1092	0.48
56" x 20" Plain Poly Bags	KB1099	0.92
48" x 20" Plain Poly Bags	KB1097	0.75
32" x 17" Plain Poly Bags	KB1098	0.63
Elastic Bands	KB1095	3.92
Clear Packaging Tape (Per roll)	KB1096	1.57



AQUA[®] FORTE

PROFESSIONAL POND PRODUCTS
complete range of pond products



**New AQUAFORTE
Vario PRIME**



EVOLUTION
AQUA

xclear
UV-C & FILTERS

Polypipe
EFFAST



TRIOGEN



speck pumps
SOUTH AFRICA (PTY) LTD

Oase
LIVING WATER

Filtreco
FILTER COMPANY



WATERCO
EUROPE LTD



PHILIPS

Black Knight

DAB
PUMP PERFORMANCE

mega



Roto Innovations

ELEGR
ENGINEERING

Bonda

MICROBE-LIFT

JPD
JAPAN PET DESIGN

TERRAIN

ProfiDrum

FLOWFRIEND

AQUA
FORTE



HIBLOW



OSRAM



BLUE ECO
Titanium