

**PRICE LIST CATALOGUE
2019-20**



CLEARPOND™
NEW ZEALAND

www.clearpond.co.nz 0800 278 784

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Discount Structure -

• CP Pumps	%	one order	%
• OASE Pumps	%	one order	%
• Filters/Lights/Aeration/Solar/Water Treatment/H&G Fountain Heads	%		
• Ponds/Liner/Sealant/Hose/Misc (Freight may apply)	%		
• Water Features/Pondovac	%		
• Commercial	%		
• Lake Management/Swimpond/Fountain Tech Nozzles	POA		
• Spare parts	%		

Accounts

- 1st invoice is payable with order.
- Accounts can only be opened if 3 months average invoice value is above \$300 + GST per month.
- Accounts lapse if there are no sales for a six month period.
- All accounts are strictly 20th month following. Volume discounts not applicable if outside terms.
- A 2.0% surcharge will be charged on all credit card payments.

Orders & Delivery

- Auckland Metropolitan Area (as defined by our nominated courier supplier).
 - FIS for orders over \$300 + GST (excluding POS materials and bulky items i.e. larger than 0.125 m3) .
 - Freight charges will apply for all orders below \$300 + GST and all POS materials and bulky items.
- Rest of North Island.
 - F.I.S for orders over \$400 + GST (excluding POS materials and bulky items i.e over .05 m3).
- South Island.
 - F.I.S for orders over \$400 + GST (excluding POS materials and bulky items 0.05m3).
- Freight charges apply to special import order items such as Swim Pond, fountain technology, lake management and specially imported spare parts.
- Please note freight is charged on bulky items, ponds, pond liner etc.
- Any freight charges will be advised at time of order.
- Any claims for short delivery or damage in transit must be made within 3 days of delivery.
- Goods must be signed for upon delivery - please check carefully as once you have signed for the goods, no future claims can be made.

Warranty Claims

- Please see warranty procedures on page 76.

Return of Goods / Requests for Credit

- No claim will be recognised unless made within 3 working days of receipt of goods.
- All returns and credits require approval from Clearpond NZ prior to return of goods.
- Restocking fees are as follows-
- 4 – 7 days from invoice - applicable freight costs apply.
- 8 plus days 15% plus applicable freight costs.
- 90 days or more - We will not accept any stock returns after 90 days.
- Ponds and Pond Liners are non returnable.
- A non-refundable deposit may apply to special import order items.
- Goods returned must be freight pre paid.
- Goods returned must be in new and re-saleable condition, this includes no price tickets.



Ownership

- Clearpond shall remain the legal and beneficial owner of all goods supplied and the ownership of goods supplied shall not pass to the buyer, until payment in full (including GST) has been received by Clearpond.
- All costs of recovery of unpaid accounts shall be borne by the buyer. Risk in the goods of whatever nature, shall pass to the buyer or their agent upon taking possession of such goods.
- Clearpond shall be entitled, upon default, to enter the customer's property to recover the stock in question.

Disclaimer

Whilst every care has been taken in the production of this price list, Clearpond takes no responsibility for any errors or omissions, which may have occurred.

“Pond pumps need to run 24 hours a day. Pond pumps are designed to do this, swimming pool, irrigation or sump pumps are not.”

PRICES INCLUDE GST.

**FOR FULL DETAILS OF CLEARPOND'S TRADING
TERMS AND CONDITIONS, PLEASE REFER TO
THE REAR OF THIS PRICELIST.**

Technical Enquiries / Product Information / Warranties:

Toll Free: 0800 278 784



SUBMERSIBLE PUMPS

Fountain and Water Feature Pumps - designed to push water vertically



German Precision & Reliability

AQUARIUS FOUNTAIN SET - complete with 3 quality Oase fountain heads

Aquarius pumps offer a 3 year guarantee, 10m cable on all models, flow adjuster, surrounded by a plastic cylindrical basket – no prefilter to clean, supplied with a ball joint and adjustable tee-piece & fountain nozzle set.



Barcode	Oase Part No	CP Ref No.	Description	RRP
4010052574028	57399	SP21345	Aquarius 1000 Fountain Set - 1000lph, 1.3m max head, 11 W. Includes Magma, Lava & Vulkan fountain heads.. 10m cable	\$159.95
4010052574028	57400	SP29688	Aquarius 1500 fountain pump – 1500lph, 1.90 m max head, 25 watts, complete with vulkan, lava & magma fountain nozzle's. 10m cable	\$229.95
4010052574028	57401	SP29687	Aquarius 2500 fountain pump – 2500lph, 2.2m max head, 40 watts, complete with vulkan, lava & magma fountain nozzle's. 10m cable	\$299.95
4010052574028	57402	SP29686	Aquarius 3500 fountain pump – 3400lph, 2.7m max head, 70 watts, complete with vulkan, lava & magma fountain nozzle's. 10m cable	\$359.95

OASE AQUARIUS FOUNTAIN SET - pump curves see page 41-44

Aquarius Fountain Pump Set	Max. Head Height (m)	Outlet size (inch)	Cable Length (m)	Power Consumption (Watt) (220 - 240V/50 Hz)	Litres per Hour max.	Dimesions (mm)	Pressure Connection (inch)	Guarantee (excl. wearing parts (years)
Model								
1000	1.3	1/2	10	11	1000	182 x 202 x 142	1	2 + 1 = 3
1500	1.9	1/2	10	25	1500	182 x 202 x 142	1	
2500	2.2	1/2	10	40	2500	182 x 202 x 142	1	
3500	2.7	1/2	10	70	3400	182 x 202 x 142	1	

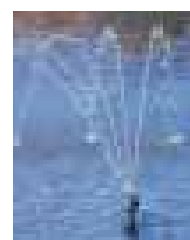
- Complete with 3 quality Oase nozzles
- Telescopic pipe extension with swivel head
- Thermal overload protection
- Detachable filter side wings increase the filter performance
- Underwater installation only
- Second outlet option 1/2 - 1"
- Intergrated spot light holder



Lava



Vulkan



Magma

SUBMERSIBLE PUMPS

Fountain and Water Feature Pumps - designed to push water vertically

OASE AQUARIUS UNIVERSAL (formally Neptun) - flat priming and extremely quiet

All pumps are equipped with a 10m cable and a built in flow regulator for infinite, simple adjustment. The water inlet on each pump is at the base, making it ideal for water features with shallow water depths and the silent operation means you hear the sound of the water, not the pump. All pumps come with a 3+2 year guarantee (excludes impeller).



Barcode	Oase Part No	CP Ref No.	Description	RRP
4010052573908	50033	SP29726	Aquarius Uni ECO 3000 – 3000lph, 3.2m max. head, 40 watts. 10m cable	\$649.95
4010052573922	50034	SP29727	Aquarius Uni ECO 4000 – 4000lph, 3.4m max head, 50 watts. 10m cable	\$749.95
4010052366382	56638	SP33061	Aquarius Uni 6000 – 6,000 lph, 5.0m max. head, 110 watts. 10m cable	\$999.95
4010052571638	56876	SP33369	Aquarius Uni 9000 – 9,000 lph, 6.0m max. head, 195 watts. 10m cable	\$1299.95
4010052571645	56879	SP33370	Aquarius Uni 12000 – 12,000 lph, 7.0m max. head, 270 watts. 10m cable	\$1599.95

The Aquarius **ECO** range use the latest patented, energy efficient, OASE servomotors. These pumps set new standards in low power consumption and come complete with all the features that have made Aquarius pumps the Premier statuary and decorative water feature pumps on the market.

OASE AQUARIUS UNIVERSAL (formally Neptun) - pump curves see page 41-44

Statuary & Fountain Pumps	Max. Head Height (m)	Outlet Size (inch)	Cable Length(m)	Power Consumption (Watt) (220 - 240 V/ 50 Hz)	Litres per Minute max.	Litres per Hour max.	Suitable for Dry Install (below water surface Level)	Synchronous Motor (only mechanical regulation)	Asynchronous motor (electronically adjustable)	Dimensions (mm)	Weight (grams)	Guarantee (excl. wearing parts (years))
Model												
1500	1.8	1/2	10	18	25	1500	✓	✓		125 x 80 x 75	1200	3 + 2 = 5
3000 ECO	3.2	1	10	40	50	3000	✓			245 x 130 x134	2500	
4000 ECO	3.2	1	10	50	67	4000	✓			245 x 130 x134	2500	
6000	5.0	1	10	110	100	6000	✓		✓	315 x 140 x130	3600	
9000	6.0	1 1/2	10	195	150	9000	✓		✓	340 x 160 x160	5700	
12000	7.0	1 1/2	10	270	200	12000	✓		✓	340 x 160 x 160	5700	
Solar 700	2.0	1/2	5	8 (12v)	12	700				210x 150 x 170	1400	
Solar 1500	3.0	1/2	5	17 (12v)	25	1500				210x 150 x 170	1700	

- Low level suction and low noise
- Convenient and individually adjustable intake
- Thermal overload protection
- Removable base allows installation in the smallest areas
- Dry installation below water surface level
- Up to 40% power consumption savings with 3000 ECO and 4000 ECO models

SUBMERSIBLE PUMPS

Watercourse and Filter Reticulation Pumps - high flow at low pressure



German Precision & Reliability

AQUAMAX ECO CLASSIC SINGLE INLET - an industry benchmark

Aquamax pumps reliably feed waterwalls and watercourses, or transport pond water to a biological filter. Thanks to the asynchronous motor technology and proven OASE quality Aquamax pumps in the OASE-Start range have been reliable partners in the pond environment for many years.



Barcode	OASE Part No	CP Ref No.	Description	RRP inc GST
4010052561905	51088	SP56190	Aquamax 2500 – 2400lph, 2.0m max .head, 40 watts. 10m cable	\$389.95
4010052573816	50022	SP29711	Aquamax 3500 – 3600lph, 2.2m max. head, 45 watts. 10m cable	\$589.95
4010052573823	50025	SP29722	Aquamax 5500 – 5300lph, 2.8m max .head, 60 watts. 10m cable	\$699.95
4010052573830	50026	SP29723	Aquamax 8500 – 8300lph, 3.2m max. head, 80 watts. 10m cable	\$899.95
4010052562216	51103	SP56221	Aquamax 11500 – 11000lph, 3.3m max. head, 100 watts. 10m cable	\$1099.95
4010052562353	51109	SP56235	Aquamax 14500 – 13600lph, 3.4m max. head, 135 watts. 10m cable	\$1199.95
4010052566535	23464	SP20864	Aquamax 17500 – 17400lph, 3.7m max. head, 170 watts. 10m cable	\$1399.95

AQUAMAX PREMIUM DUAL INLET - for larger ponds

The OASE Aquamax ECO pump sets new standards with energy savings of up to a further 60% over OASE's already low power consumption pumps. The innovative 'Seasonal Flow Control' (SFC) for the Aquamax Eco 12000 & 16000 adapts all year round to the respective pond ecology and supports the bio-system by enabling water temperature dependant circulation. Aquamax 8000 C.W.S Dual Inlet.



Barcode	OASE Part No	CP Ref No.	Description	RRP inc GST
401052503042	50304	SP33045	OASE Aquamax 8000 Dual Inlet C.W.S - 8000lph. 4m max head. 65 watts power consumption. 10m cable	\$1499.95
4010052573588	50744	SP29724	Aquamax ECO 12000 Dual Inlet– 12000lph, 5.0m max. head, 110 watts. 10m cable	\$1699.95
4010052574067	56406	SP20863	Aquamax ECO 20000 Dual Inlet – 19500lph, 5.4m max. head, 180 watts 10m cable	\$1999.95
4010052571775	57177	Part22292	Aquamax ECO – Satellite filter. Remote strainer to suit all dual inlet Aquamax pumps.	\$169.95

AQUAMAX DRY - designed for dry installation

Especially for dry installation below the water level

Barcode	OASE Part No	CP Ref No.	Description	RRP inc GST
4010052500683	50068	SP22313 COMM	OASE Aquamax 14000 Dry - 13500lph. 5.0m max head. 230 watts power consumption. 10m cable - Commercial	\$1799.95



SUBMERSIBLE PUMPS

Watercourse and Filter Reticulation Pumps - high flow at low pressure



German Precision & Reliability

AQUARIUS SOLAR

High performance Aquarius Solar type solar fountain pump. Special, robust plugs for connecting to the Solarsafe storage and regulating unit, or to one of the new Oase Solar modules. Supplied with 5m power cable and 3 different nozzle patterns. Pump only, no Solar panels or batteries included with this stock item. Rated voltage 12v

Barcode	OASE Part No	CP Ref No.	Description	RRP inc GST
4010052500683	50068	SP29770	OASE Aquarius Solar 700 - 700lph, 2m max. head - Pump only no panel, 8w	\$499.95
4010052500683	50068	SP29769	OASE Aquarius Solar 1500 - 1,500lph, 3m max. head - Pump only no panel, 17w	\$599.95

OASE AQUAMAX - pump curves see page 41-44

OASE FILTOCLEAR - bulb sizes see page 48

Watercourse & Filtration Pumps	Max. Head Height (m)	Outlet Size (inch)	Cable Length(m)	Power Consumption (Watt) (220 - 240 V/ 50 Hz)	Litres per Minute max.	Litres per Hour max.	Suitable for Dry Install (below water surface Level)	Asynchronous motor (electronically adjustable)	Dimensions (mm)	Weight (Kg)	Guarantee (excl. wear-ing parts (years)
Model											
2500 ECO Classic	2.0	1	10	40	40	2400			190 x 175 x100	1.9	3 + 2 = 5
3500 ECO Classic	2.2	1 1/2"	10	45	60	3600	✓		297 x 237 x159	3.4	
5500 ECO Classic	2.8	1 1/2"	10	60	88	5300	✓		297 x 237 x159	3.4	
8500 ECO Classic	3.2	1 1/2"	10	80	138	8300	✓		297 x 237 x159	4.4	
11500 ECO Classic	3.3	1 1/2"	10	100	183	11000	✓		280 x 230 x130	5.0	
14500 ECO Classic	3.4	1 1/2"	10	135	227	13600	✓		280 x 230 x130	5.0	
17500 ECO Classic	3.7	2"	10	170	290	17400	✓		280 x 230 x140	5.0	
8000 Prem Dual Inlet	4.0	2	10	65	133	8000	✓	✓	340 x 280 x165	5.3	
12000 Prem Dual Inlet	5.0	2	10	110	200	12000	✓	✓	340 x 280 x165	5.4	
16000 Prem Dual Inlet	5.2	2	10	145	260	15600	✓	✓	340 x 280 x165	5.4	
20000 Prem Dual Inlet	5.4	2	10	180	325	19600	✓	✓	340 x 280 x165	5.7	
6000 LV (See Commercial)	3.2	1 1/2	2.5+8	55	88	6000	✓		340 x 280 x165	8.7	
12000 LV (See Commercial)	3.2	1 1/2	2.5+8	90	138	11400	✓		340 x 280 x165	10.6	
14000 Dry(See Commercial)	5.0	1 1/2	10	230	225	13500	✓	✓	210 x 150 x170	5.02	

- High performance OASE motor
- Environmental function control protects against dry-running and blockages
- Pumps coarse debris up to 8mm in size
- Includes special hose adapter with threaded collar for connecting hose sizes 1", 1 1/4" and 1 1/2"
- Savings of up to 25% energy consumption

SUBMERSIBLE PUMPS

Fountain/Filter Combo Pumps - all in one fountain and filter



German Precision & Reliability

FILTRAL - Pump, filter and UV in one versatile unit

OASE now offers a multi function solution to owners of ponds up to 5000 litres. The Filtral is a compact filter unit with integrated UVC and fountain pump. There is only one power cable leading into the pond and no large filter system and hoses to impair the look of the pond. OASE clear water guarantee is included in this worry free package.

Barcode	Oase Part No	CP Ref No.	Description	RRP
4010052573793	57379	SP22167	Filtral 2500 UVC -all in pond pump, filter and UVC, 1000lph 1.3m max. head, 20w 2500l dec/1300l fish	\$499.95
4010052573793	57379	SP29690	Filtral 5000 UVC -all in pond pump, filter and UVC, 2,500lph 2.3m max. head, 35w 5000l	\$699.95



OASE FILTRAL - pump curves see page 41-44

Model	UVC Power Usage (Watts if applicable)	Cable Length (m) Max.	Flowrate (l/hr)	Power Consumption (Watt) Pump and UVC (220 - 240 V/ 50 Hz)	Max Head (m)	Dimensions L x W x H (mm)	Filtration Capacity		Guarantee (years) (excluding UV bulb)
							No Fish	Goldfish	
2500	7	10	600	20	1.3	347 x 183 x 160	2500	1300	2
5000	11	10	1100	35	2.3	380 x 290 x 160	5000	2500	

- Pump and UVC combination have a 35 watt power consumption in the 5000 model and 20 watts in the 2500 model.
- Pump, UVC and filter combined in one fully submersible unit.
- Comes with 3 quality Oase fountain nozzles.
- Contains 4 different filter materials to keep ponds clean and clear.
- Telescopic fountain tube for different water depths.
- T-piece for operating small water courses or water features
- Individual regulation of flow rate and fountain height.

“Price is what you pay - Value is what you get”

SUBMERSIBLE PUMPS

Watercourse and Filter Sets - pond kit in a box



German Precision & Reliability

BIOPRESS PUMP AND FILTERS SETS - pond kit all in one box

These two pressure filter sets consist of one Biopress pressure filter each, with integrated UVC and a matching filter/watercourse pump with all necessary hose connections for quick assembly. Easy filter maintenance is achieved using the cleaning function built into the filter. The filter consists of 3 different filter media to ensure clear water – all this at an extremely attractive price. These sets are not recommended for koi ponds or heavily stocked fish ponds.



Barcode	OASE Part No	CP Ref No.	Description	RRP inc GST
4010052504995	50810	SP21755	Biopress 4000 Set - Includes OASE filter pump foam lph, 1.9m max head, 7w UVC, Suitable for decorative ponds up to 4000 litres and 2000 litres with goldfish.	\$599.95
4010052504537	50521	SP22166	Biopress 6000 Set – includes OASE filter pump 2500 lph, 2.2m max. head, 9w UVC, Suitable for decorative ponds up to 6,000 litres and 3,000 litres with goldfish	\$899.95
4010052504551	50522	SP22165	Biopress 10000 Set. Includes OASE filter pump 3500 lph, max. head 2.7M, 11W UVC. Suitable for decorative ponds of up to 10,000 litres and 5,000 litres with goldfish.	\$1099.95

OASE BIOPRESS PUMP AND FILTERS SETS

Model	UVC Power Usage (Watts) if applicable (220 - 240 V/ 50 Hz)	Cable Length (m)	Max. Flowrate (l/hr)	Inlet Hose Adapter (inch)	Outlet	Dimensions D x H (mm)	Filtration Capacity		Guarantee (years)
							No Fish	Goldfish	
4000	7	3+10	1500	3/4" - 1 1/2"	3/4" - 1 1/2"	225 x 335	4000 *	2000	2
6000	9	3+10	2500	3/4" - 1 1/2"	3/4" - 1 1/2"	350 x 450	6000 *	3000	
10000	11	3+10	3400	3/4" - 1 1/2"	3/4" - 1 1/2"	350 x 570	10000 *	5000	

* Only suitable for low goldfish stocks

- Simple and convenient cleaning of the filter using the press handle.
- Quick lock for ease of opening and closing the filter.
- Different filter materials for optimum filtration.
- Are pressurized so they can be situated below higher positioned water courses.
- Can almost be completely buried.
- Pump cable length is 10m, filterUV cable length 3m, hose 4000 4m/19mm; 6000 & 10000 hose 5m/25mm
- Buried up to 2/3 of its height.
- UVC and filter combined

“Empty water features when cleaning instead of topping them up as this prevents a buildup of calcium and other minerals that affect pump performance.”

SUBMERSIBLE PUMPS

Fountain and Water Feature Pumps - designed to push water vertically



CLEARPOND Versatile and Affordable

INFINITI - chosen by Water Feature Suppliers for their compactness and reliability

The unique technical design of the rotor unit makes the impellor, rotates in two anti friction bearings of special self lubricating material equipped with vibration absorbers. Thus improving quiet running and life of the rotor/impellor system. All pumps are equipped with a flow control valve and come with a **3 year guarantee** on motor (12 month warranty on impellor).



Barcode	CPref	Description	RRP
9331552002909	SP22515	Infiniti 800 pump - 800lph, 1.5m max head, 10m cable	\$169.95
9331552002947	SP22519	Infiniti 4200 Pump - 4200lph, 3.5m max head, 10m cable	\$459.95
9331552002954	SP22520	Infiniti 5000 Pump - 5000lph, 3.1m max head, 10m Cable	\$499.95
9331552002954	SP22480	Infiniti 600LV pump - 600lph, 1.2m max. head weatherproof 12V transformer, 10 metre cable	\$189.95
	SP33279	Impellor Cover threaded inlet for Infiniti 2000 and 2800 pumps	\$19.95

Infiniti pumps are also suitable for Marine Applications

Model	Max. Head Height (m)	Inlet size (mm)	Outlet size (mm)	Cable Length (m)	Power Consumption	Litres per Hour max.	Suitable for Dry In-stall (below water surface Level)	Adjustable Flow Rate	Dimensions w.l.h. (mm)	Guarantee (years) (Excludes impellor)
800	1.7	N/A	17	10	25	800		✓	70 x 55 x 90	3
4200	3.5	20	20	10	80	4200	20 ✓	✓	115 x 80 x 120	3
5000	3.1	20	20	10	82	5000	20 ✓	✓	115 x 80 x 120	3
600LV	1.2	N/A	12.5	2+8m	11	600		✓	60 x 52 x 80	3

- Suitable for saltwater applications
- Suction caps for sturdy fixing of pumps
- Suitable for ponds, indoor and outdoor waterfeatures
- Thermal self protection
- 2800 (seperatly available threaded rotor cover)
- 4200 & 5000 have 1" threaded inlet

SUBMERSIBLE PUMPS

Small General Purpose Pumps



Marlin Waterfeature Pump - 12 Month Guarantee on Motor



The Aquagarden Marlin range of submersible waterfeature pumps are small and compact. Ideally suited to fit into the smallest of pump housings. Each model comes with an adjustable flow control and a 1 year Guarantee on Motor.

CP Ref No.	Description	RRP
SP21647	Marlin 300 - 300lph, max head 0.65m, 5W, 3 Metre Cable. Outlet 1/2" Tube	\$39.95
SP21648	Marlin 450 - 450lph, max head 0.75m, 6W, 3 Metre Cable. Outlet 1/2" Tube	\$49.95
SP21649	Marlin 650 - 650lph, max head 1.2m, 8W, 3 Metre Cable. Outlet 3/4" Bsp 20mm Tube	\$59.95
Dimensions	M300: h55,l55,w45mm ; M450: h55,l55,w45mm ; M650: h65,l80,w55mm	

MAKO - Multifunction fountain, pond and waterfeature pump

The Aquagarden Mako range offers a cheap and affordable pump without sacrificing performance. Designed for continuous operation due to its magnetic drive design. Features include BSP threaded inlet and outlets for easy installation of prefilters and fountain kits. Adjustable fountain stem that allows the user to enjoy a perfect fountain effect even when the pump is on an unlevel base. Ceramic impellor shaft for longer impellor life. All Mako pumps come with a range of fountain heads.



Barcode	CP Ref	Description	RRP
9331552003975	SP22217	Mako 1000 - 1,050 lph, 1.4m max. head, 10w. 12m cable	\$119.95
9331552003999	SP22219	Mako 2500 - 2,400 lph, max. head 2.1m, 35w. 10m cable	\$189.95
9331552004002	SP22220	Mako 4000 - 4,100 lph, max. head 3.0m, 70w. 10m cable	\$259.95
9331552004019	SP22221	Mako 6000 - 5,800 lph, max. head 4.1m, 150w. 10m cable	\$399.95
9331552004026	SP22222	Mako 9000 - 8,000 lph, max. head 5.0m, 240w. 10m cable	\$469.95
9331552003937	SP22213	Mako 1000LV - 1,050 lph, 1.4m max. head, 19w, 24v low	\$199.95
9331552003951	SP22215	Mako 2500LV - 2,300 lph, 2.15m max. head, 44w, 24v low	\$269.95

AQUAGARDEN MAKO - pump curves see page 41-44

Model	Max. Head Height (m)	Inlet size (mm)	Outlet size (mm)	Cable Length (m)	Power Consumption (Watt) (220 - 240 V/ 50 Hz)	Litres per Hour max.	Suitable for Dry Install (below water surface Level)	Adjustable Flow Rate	Dimesions LxWxH (mm)	Guarantee (years)
1000	1.6	15	15	10	17	1000	✓	✓	14 x 8 x 9	2
1000LV	1.45	15	15	2+8	19	1050	✓	✓	14 x 8 x 9	2
2500	2.35	20	15	10	44	2400	✓	✓	16 x 9 x 11	2
2500LV	2.10	20	15	2+8	44	2300	✓	✓	16 x 9 x 11	2
4000	2.70	20	20	10	100	4100	requires hose tail ✓	✓	19 x 10 x 15	2
6000	4.20	25	20	10	150	5800	✓	✓	24 x 15 x 18	2
9000	5.80	25	20	10	240	9000	✓	✓	24 x 15 x 18	2

- Fresh and saltwater use
- Can be operated fully submersed or out of water
- Wear-resistant ceramic shaft
- Thermal overload protection
- Economical power consumption
- Multi-function fountain head, similar to Vulkan (spray) and Lava (bell sheet) nozzles
- Fountain and pond pumps

SUBMERSIBLE PUMPS

Watercourse and Filter Reticulation Pumps - high flow at low pressure



BARRACUDA FILTRATION & WATERFALL PUMPS - proven reliability in NZ conditions

Aquagarden Barracuda pumps provides 6mm solids handling capacity, BSP threaded inlet & outlet, suitable for optional prefilters like the Clearpond Ez-Bio. Ideal dirty water, filtration and waterfall pump. Non corrosive ceramic impellor, thermal overload for additional safety. Able to operate out of pond when pump is installed in-line and below water level. 2 year motor guarantee.



Barcode	CP Ref No.	Description	RRP
9331552003159	SP29674	Aquagarden Barracuda 4000 - Max flow 3600lph. Power 45W. 2.4m Max Head. 10m cable.	\$399.95
9331552002824	SP29675	Aquagarden Barracuda 6000 - Max flow 6100lph. Power 65W. 2.6m Max Head. 10m cable	\$459.95
9331552002831	SP29676	Aquagarden Barracuda 10000 - Max flow 10,000lph. Power 135W. Max Head 4.5m.10m cable	\$529.95
9331552002848	SP29677	Aquagarden Barracuda 15000 - Max flow 15,200lph. Power 210W. Max Head 5.5m.10m cable	\$649.95
9331552004064	SP22078	Barracuda 25000 – 25,000 lph, 9.5m max. head, 620w, 10m cable.	\$899.95

AQUAGARDEN BARRACUDA - pump curves see page 41-44

Model	Max. Head Height (m)	In/Outlet Size (BSP inch)	Cable Length (m)	Power Consumption (Watt) (220 - 240 V/ 50 Hz)	Litres per Hour max.	Suitable for Dry Install (below water surface Level)	Adjustable Flow Rate	Dimensions L x W x H (mm)	Guarantee (years)
4000	2.4	1.5	10	45	3600	✓		359x135x162	2
6000	2.6	1.5	10	65	6100	✓		359x135x162	2
10000	4.5	1.5	10	135	10000	✓		359x135x162	2
15000	5.5	1.5	10	210	15200	✓		402x165x189	2
25000	9.5	1.5	10	620	25000	✓		402x165x189	2



Barracuda with 7mm solids handling capacity.

- Multi-purpose pump rated for continuous use
- Can be run submersed or out of pond
- Solids handling up to 6mm
- Thermal overload protection
- Easy to remove rotor assembly
- Wear resistant ceramic shaft



“Pond pumps need to run 24 hours a day. Pond pumps are designed to do this, swimming pool, irrigation or sump pumps are not”

SOLAR

Solar Pumps - no power no problem



Versatile and Affordable

SOLARFREE - no power no problem they come alive when the sun comes out

The Aquagarden SolarFree range of pumps uses free power from the sun. These complete pump, solar panel and fountain kit sets are ideal for small ponds and waterfeatures where no power point is available. They also include a telescopic fountain riser and Calyx and Bell style fountain attachments. 2 year guarantee (excluding batteries and parts subject to wear and tear).

Barcode	CP Ref	Description	RRP
9331552004118	S22074	Solarfree 500 solar pump, panel and fountain set without volume control – 470 lph, 0.9m max. head.	\$199.95
9331552004132	S22075	Solarfree 1000C solar pump, panel and fountain set (C) – 980 lph, 1.0m max. head.	\$339.95
	S20943	Solarfree 1500C solar pump, panel and fountain set including flow control (C) – 1360 lph, 2.1m max. head	\$499.95
9331552004125	S22076	Solarfree 800 Supreme solar pump, panel, and fountain set including volume control with battery backup and LED fountain light kit – 760 lph, 2.3m max. head. (3.7 Ahr battery)	\$459.95
9331552004149	S22077	Solarfree 1600C Supreme solar pump, panel, and fountain set including volume control with battery backup and LED fountain light kit – 1,560 lph, 3.2m max. head. (5.5 Ahr battery)	\$599.95

AQUAGARDEN SOLARFREE - pump curves see page 33-36

Model	Max. Head Height (m)	Outlet Size (mm)	Cable Length (m)	Litres per Hour max.	Guarantee (years)
500	0.9	10	5	470	2
1000C	1.0	20T	5	980	2
1500C	2.1	20T	5	1360	2
800CS	2.3	10	5	760	2
1600CS	3.2	20T	5	1560	2



Solarfree Battery & Module Performance Information

Solarfree 800C & 1600C- When battery is fully charged; pump will run off battery for approximately 1.5-2 hours on 24V setting. When on 12V setting battery life increases to approximately 9-10 hours.

- Solarfree battery recharging time is a minimum of 6 hours in full sunlight.
- Solarfree pumps performance will be sharply reduced on very cloudy & dark days or if there is shadow on any part of the solar module, as the cells are in series. We recommend positioning the solar module in full sunlight to achieve maximum performance.

HOSE & HOSE ACCESSORIES



PONDFLEX- black corrugated, non kink, UV stabilised



Barcode	CP Ref No.	Description	RRP *Full Roll
9331552003470	HA30981	Clearpond Pondflex Black – 30m x 13mm (per metre \$4.99)	\$119.95
9331552003487	HA30982	Clearpond Pondflex Black – 30m x 19mm (per metre \$7.99)	\$199.95
9331552003494	HA30983	Clearpond Pondflex Black – 30m x 25mm (per metre \$9.99)	\$249.95
9331552003500	HA30984	Clearpond Pondflex Black – 30m x 32mm (per metre \$11.99)	\$299.95
9331552003517	HA30985	Clearpond Pondflex Black – 30m x 38mm (per metre \$16.99)	\$459.95
9331552003524	HA31534	Clearpond Pondflex Black – 30m x 51mm (per metre \$25.99)	\$699.95
9331552003531	HA32471	Clearpond Pondflex Black – 30m x 76mm – suits OASE Biotec	\$39.95 /m

* Add 15% for cut to length per full metre



CLEARPOND. Versatile and Affordable

SPIRAL HOSE CLAMPS



Barcode	CP Ref No.	Description	RRP
	HA32890	Spiral hose clamp 13mm	\$2.50 Per Clamp
	HA32891	Spiral hose clamp 19mm	\$2.99 Per Clamp
	HA32892	Spiral hose clamp 25mm	\$3.59 Per Clamp
	HA32894	Spiral hose clamp 40mm	\$4.19 Per Clamp
	HA32895	Spiral hose clamp 51mm	\$4.99 Per Clamp
	HA32896	Spiral hose clamp 76mm	\$8.95 Per Clamp

WATER ENTERTAINMENT




Water Entertainment - dynamic water and light effects



German Precision & Reliability

WATER ENTERTAINMENT - make your garden, patio or indoor atrium come alive

With the new Water Entertainment category we have developed a product range that sets new standards in the terrace and water garden area. It is now possible to enjoy dynamic water effects, even where there is little space. Impressive water-light effects are perfectly integrated in individual design concepts. Our "PLUG n SPRAY" principle enables easy handling, installation and maintenance.

	Barcode	Oase Part No	CP Ref No.	Description	RRP
	4010052502144	50214	WE22304 COMM	OASE Water Starlet - Floating or on ground 12V fountain set. Inc transformer, cable, with 5 adjustable nozzles each with white L.E.D light. Permanent program loop with an appealing combination of water patterns. Max fountain height 70cm,	\$599.95
	4010052503943	50394	WE22168 COMM	OASE Quintet Creative – height adjustable unique dynamic water effects with 5 pumps and nozzles, the nozzles can be placed in any configuration to suit the site and customers requirements. 8m cable	\$1999.95
	4010052501918	50191	WE22307 COMM	OASE Water Jet Lightning - The little brother of the Jumping Jet Rainbow Star in a twin set. Inc. Integrated colour changing or fixed L.E.D lights, 2x8m cables, pump, External controller, transformer, 6m hose. Different permanently set programs can be selected via remote control. These programs vary in jet length and white or colour changing light. The Plug n Spray concept enables immediate operation in this energy efficient, low maintenance, high quality set.	\$1999.95



WATER STARLET



QUINTET CREATIVE



JET LIGHTNING

FOUNTAIN NOZZLES

OASE Fountain Nozzles - Oase creative design and quality



German Precision & Reliability

OASE FOUNTAIN NOZZLES



Barcode	Oase Part No	CP Ref No.	Description	Warehoused in Auckland	RRP
4010052523187	52318	FH31876	OASE lava 36-10K	N	\$139.95
4010052509822	50982	FH31865	OASE Schaumsprudler 22.5K	Y	\$119.95
4010052509846	50984	FH31886	OASE Schaumsprudler 35-10E	Y	\$399.95
4010052523194	52319	FH31874	OASE Vulkan 37-2.5K	Y	\$149.95
		FH22635	CP Comet Nozzle 1/4"/6.25mm	Y	\$24.95
		FH22636	CP Comet Nozzle 1/2"/12.5mm	Y	\$39.95
		FH22637	CP Comet Nozzle 1"/25mm	Y	\$59.95
		FH20929	CP SS&ABS Foaming 1"	Y	\$199.95
		FH11857	CP SS FH 1"	Y	\$129.95

SEE PAGE 79 FOR COMET FOUNTAIN NOZZLE PERFORMANCE



Lava



**Schuamsprudler
Foaming**



Vulkan



Calyx



Magma

For the Oase Commercial Range see page 51

FOUNTAIN NOZZLES

OASE Fountain & Nozzles - Oase creative design and quality



German Precision & Reliability

OASE FOUNTAIN NOZZLES

	Lava 20 - 5 K		Lava 6 - 10 K		Schaumspudler 22 - 5 K		Schaumspudler 35 - 10 K	
Connection fountain pump	1/2"		1"		1/2"		1"	
Water-level dependent	No		No		No		No	
Material	Plastic		Plastic		Plastic		Plastic	
	Ø cm	H cm	Ø cm	H cm	Ø cm	H cm	Ø cm	H cm
Aquarius Fountain Set 1000	35	-			-	-		
Aquarius Fountain Set 1500	45	-			-	30		
Aquarius Fountain Set 2500	55	-			-	45		
Aquarius Fountain Set 3500	60	-			-	50		
Aquarius Fountain Set 4000			90*	-			-	60
Aquarius Fountain Set 6000			90*	-			-	90
Aquarius Fountain Set 8000			90*	-			-	120
Aquarius Fountain Set 12000			100*	-			-	220
Aquarius Fountain Set 21000								
Aquarius Fountain Set 27000								
Aquarius Fountain Set 40000								
* Adjustment via Pump								

	Vulkan 31 - 1,5 K		Vulkan 37 - 2,5 K	
Connection fountain pump	1/2"		1"	
Water-level dependent	No		No	
Material	Plastic		Plastic	
	Ø cm	H cm	Ø cm	H cm
Aquarius Fountain Set 1000	40	65		
Aquarius Fountain Set 1500	60	110		
Aquarius Fountain Set 2500	85	145		
Aquarius Fountain Set 3500	100	155		
Aquarius Fountain Set 4000			85	100
Aquarius Fountain Set 6000			130	200
Aquarius Fountain Set 8000			200	285
Aquarius Fountain Set 12000			250	450



WATER FILTRATION & UV


Filters - biological and UV systems to keep your pond crystal clear



German Precision & Reliability

FILTOCLEAR - easy to clean without dismantling

The Filtoclear combines innovative filter technology with an effective UVC clarifier. It features the unique 'Easy Clean Technology' allowing cleaning in just a few simple steps. The Filtoclear offers a 'Clear-water Guarantee', when used correctly, can be used externally above or below the surface of the pond, as filter and pump for a watercourse or other water feature. All units have a cable length of 5 metres. Maximum head at outlet 2m.



Barcode	Oase Part No	CP Ref No.	Description	RRP
4010052559971	56211	FU32309	Filtoclear 3000 – suitable for a pond with fish up to 1,250 litres – suitable for a decorative pond up to 2,500 litres. 5m cable	\$749.95
4010052560557	56212	FU32312	Filtoclear 6000 – suitable for a pond with fish up to 2,000 litres – suitable for a decorative pond up to 4,000 litres. 5m cable	\$1059.95
	51246	FU51246	Filtoclear 12000 – suitable for a pond with fish up to 6,000 litres – suitable for a decorative pond up to 12,000 litres. 5m cable	\$1559.95
	51249	FU51249	Filtoclear 16000 – suitable for a pond with fish up to 8000 litres – suitable for a decorative pond up to 16,000 litres. 5m cable	\$1759.95
4010052505770	50577	FU21753	Filtoclear 30000 – suitable for a pond with fish up to 15,000 litres – suitable for a decorative pond up to 30,000 litres. 5m cable	\$1999.95

OASE FILTOCLEAR - UV bulb sizes see page 48

Model	UVC Power Usage (Watts if applicable (220 - 240 V/ 50 Hz)	Cable Length (m)	Inlet Hose Adapter (inch)	Outlet	Dimensions D x H (mm)	Filtration Capacity			Guarantee (years)
						No Fish	Goldfish	Koi	
3000	9	5	3/4" - 1 1/2"	3/4" - 1 1/2"	380 x 310	3000	1500	750	2 + 1 = 3
6000	11	5	3/4" - 1 1/2"	3/4" - 1 1/2"	380 x 430	6000	3000	1500	
12000	18	5	3/4" - 1 1/2"	3/4" - 1 1/2"	380 x 510	12000	6000	3000	
16000	24	5	3/4" - 1 1/2"	3/4" - 1 1/2"	380 x 670	16000	8000	5000	
30000	55	5	1 1/2" - 2"	1 1/2" - 2"	380 x 750	30000	15000	7500	

Note: ratings are based on stocking rates of: Goldfish – 1000 grams of fish per 1000 litres of water

- Are pressurized so they can be situated below higher positioned water courses.
- Easy to clean filter.
- Made of high quality UV resistant plastic.
- Can almost be completely buried.
- Powerful cleaning of sponges by pumping handle gets a higher removal of sludge than other brands.
- Pressure rated to 0.5 bar inlet (5 metres of head maximum); 2m max head at outlet.

WATER FILTRATION & UV

Filters - biological and UV systems to keep your pond crystal clear



German Precision & Reliability

FILTRAL - Pump, filter and UV in one versatile unit

OASE now offers a multi function solution to owners of ponds up to 5000 litres. The Filtral is a compact filter unit with integrated UVC and fountain pump. There is only one power cable leading into the pond and no large filter system and hoses to impair the look of the pond. OASE clear water guarantee is included in this worry free package.



Barcode	Oase Part No	CP Ref No.	Description	RRP
4010052573793	57379	SP22167	Filtral 2500 UVC -all in pond pump, filter and UVC, 1,000lph 1.3m max. head, 20w 2500l dec/1300l fish	\$499.95
4010052573793	57379	SP29690	Filtral 5000 UVC -all in pond pump, filter and UVC, 2,500lph 2.3m max. head, 35w 5000l	\$699.95

OASE FILTRAL

Model	UVC Power Usage (Watts if applicable)	Cable Length (m) Max.	Flowrate (l/hr)	Power Consumption (Watt) Pump and UVC (220 - 240 V/ 50 Hz)	Max Head (m)	Dimensions L x W x H (mm)	Filtration Capacity		Guarantee (years) (excluding UV bulb)
							No Fish	Goldfish	
2500	7	10	600	20	1.3	347 x 183 x 160	2500	1300	2
5000	11	10	1100	35	2.3	380 x 290 x 160	5000	2500	

- Pump and UVC combination have a 35 watt power consumption in the 5000 model and 20 watts in the 2500 model.
- Pump, UVC and filter combined in one fully submersible unit.
- Comes with 3 quality Oase fountain nozzles.
- Contains 4 different filter materials to keep ponds clean and clear.
- Telescopic fountain tube for different water depths.
- T-piece for operating small water courses or water features
- Individual regulation of flow rate and fountain height.

WATER FILTRATION & UV

All in One Pump/Filter Kit



German Precision & Reliability

BIOPRESS PUMP AND FILTERS SETS - the pond kit all in one box

These three pressure filter sets consist of one Biopress pressure filter each, with integrated UVC and a matching filter/watercourse pump with all necessary hose connections for quick assembly. Easy filter maintenance is achieved using the cleaning function built into the filter. The filter consists of 3 different filter media to ensure clear water – all this at an extremely attractive price. These sets are not recommended for koi ponds or heavily stocked fish ponds.



Barcode	OASE Part No	CP Ref No.	Description	RRP inc GST
4010052504995	50499	SP21755	OASE Biopress 4000 Set - Includes OASE filter pump 1500lph, 1.9m max head, 7w UVC, Suitable for decorative ponds up to 4000 litres and 2000 litres with goldfish.	\$599.95
4010052504537	50521	SP22166	Biopress 6000 Set – includes OASE filter pump 2500 lph, 2.2m max. head, 9w UVC, Suitable for decorative ponds up to 6,000 litres and 3,000 litres with goldfish	\$899.95
4010052504551	50522	SP22165	Biopress 10000 Set. Includes OASE filter pump 3500 lph, max. head 2.7M, 11W UVC. Suitable for decorative ponds of up to 10,000 litres and 5,000 litres with goldfish	\$1099.95

OASE BIOPRESS PUMP AND FILTERS SETS

Model	UVC Power Usage (Watts) if applicable (220 - 240 V/ 50 Hz)	Cable Length (m)	Max. Flowrate (l/hr)	Inlet Hose Adapter (inch)	Outlet	Dimensions D x H (mm)	Filtration Capacity		Guarantee (years)
							No Fish	Goldfish	
4000	7	3+10	1500	3/4" - 1 1/2"	3/4" - 1 1/2"	225 x 335	4000 *	2000	2
6000	9	3+10	2500	3/4" - 1 1/2"	3/4" - 1 1/2"	350 x 450	6000 *	3000	
10000	11	3+10	3400	3/4" - 1 1/2"	3/4" - 1 1/2"	350 x 570	10000 *	5000	

* Only suitable for low goldfish stocks

- Simple and convenient cleaning of the filter using the press handle.
- Quick lock for ease of opening and closing the filter.
- Different filter materials for optimum filtration.
- Are pressurized so they can be situated below higher positioned water courses.
- Can almost be completely buried.
- Pump cable length is 10m, filter UV cable length 3m, hose 4000 4m/19mm; 6000 & 10000 hose 5m/25mm
- Buried up to 2/3 of its height.
- UVC and filter combined

WATER FILTRATION & UV

OASE Gravity Filters



German Precision & Reliability

BIOSMART & BIOTEC - gravity fed flow through filters

The Biotec range of filters are a flow-through and multi-chamber filter that filters pollutants out of the pond water not just mechanically, but primarily through biological processes. The colonization of special micro-organisms is a proven method for breaking down harmful substances. Biotec has been scientifically developed and tested, and when properly used in continuous implementation, insures crystal clear water and optimum biological relationships.



Barcode	Oase Part No	CP Ref No.	Description	RRP
4010052566412	FU56641	33066	Biosmart 36,000 Filter (10.1) – suitable for a pond with fish of up to 18,000 litres – suitable for a decorative pond of up to 36,000 litres	\$1099.95
4010052565804	FU57127	39827 COMM	Biotec 40,000 (12)Screenmatic filter – suitable for a pond with fish of up to 20,000 litres – suitable for a decorative pond of up to 40,000 litres	\$2299.95
4010052563725	FU57128	39828 COMM	Biotec 60,000 (18)Screenmatic Filter – suitable for a pond with fish of up to 30,000 litres – suitable for a decorative pond of up to 60,000 litres	\$2999.95
4010052550466	FU55046	31911	OASE Biotec T piece 70mm	\$49.50
4010052550442	FU55044	31907	OASE Biotec connecting bend 70mm / 45 deg	\$29.95
4010052550459	FU55045	31908	OASE Biotec connecting bend 70mm / 87 deg	\$29.95
4010052550435	FU55043	31906	OASE Biotec discharge pipe 70mm / 480mm	\$34.95
9331552003531		32238	76mm x 30m hose – suits OASE Biotec filters (discharge)	\$39.95 /m

OASE BIOSMART, BIOTEC 12 & 18 SCREENMATICS

Model	No. of Filter Foams Blue	No. of Filter Foams Red	Max. Flowrate (l/hr)	Inlet Hose Adapter (inch)	Outlet	Dimensions L x W x H (mm)	Filtration Capacity			Guarantee (years)
							No Fish	Goldfish	Koi	
Biosmart 36k	4	4	8000	2 x 1" - 1 1/2"	DN 70	770 x 555 x 405	36000	18000	9000	3
ScreenMatic 40k	8	8	12000	2 x 1" - 1 1/2"	DN 70	788x 590 x 545	40000	20000	10000	
ScreenMatic 60k	8	8	12000	2 x 1" - 1 1/2"	DN 70	788x 590 x 545	60000	30000	15000	

- Quick and easy to clean foams.
- Multi-stage filtration materials.
- Easy to remove waste via sludge drain.
- Biotec 10.1 connects to Bitron 18C to 110C.
- Biotec 12 Screenmatic connects to Bitron 36C to 110C.
- Biotec 18 Screenmatic connects to Bitron 36C to 110C.
- Outer containers and lids are made from impact and UV resistant plastic.
- Biotec 12, 18 and 36 Screenmatic models come with a motor to rotate the filter screen to keep it clear of coarse debris.
- Biotec 12, 18 and 36 Screenmatics can be buried up to 2/3 of its height.

WATER FILTRATION & UV

UVC CLARIFIERS - algae flocculators, pathogen and bacteria control



German Precision & Reliability

BITRON C - water flow powered cleaning rotor keeps the quartz glass clean

The Bitron UVC clarifier, specially developed for garden ponds, is packed with technology and innovation. Automatic cleaning for the new Bitron C series means that a cleaning rotor is continuously activated by the water flow around the quartz tube. Unique combination of UVC light and permanent magnet prevents the calcification of important pump and filter parts. All clarifiers have an integrated cleaning system and indicator light or inspection window. All UVC's have a cable length of 5 metres and come with a 2 year guarantee (excluding lamp).



Barcode	Oase Part No.	CP Ref No.	Ultra Violet Lights	RRP
4010052566207	56620	FU33063 COMM	Bitron 24C – 24w maximum flow through without bypass 3,500 lph maximum pump performance 15,000 lph. 5m cable	\$1099.95
4010052563688	56368	FU33195 COMM	Bitron 36C – 36w maximum flow through without bypass 4,500lph maximum pump performance 30,000lph. 5m cable	\$1299.95
4010052566245	56624	FU33064 COMM	Bitron 55C – 55w maximum flow through without bypass 6,500lph maximum pump performance 30,000lph. 5m cable	\$1499.95
4010052569017	56901	FU33375 COMM	Bitron 72C – 72w maximum flow through without bypass 9,000lph maximum pump performance 40,000lph. 5m cable	\$1699.95
4010052569024	56902	FU33374 COMM	Bitron 110C – 110w maximum flow through without bypass 12,000lph maximum pump performance 40,000lph. 5m cable	\$2299.95

UVC GLOBE / LAMP CHART

	Bitron C 9 W	Bitron C 11 W	Bitron 15	Bitron C 18 W	Bitron C 24 W	Bitron 25	Bitron C 36 W	Bitron C 55 W	Bitron C 72 W	Bitron C 110 W	Fitroclear 3000	Fitroclear 6000	Fitroclear 11000	Fitroclear 15000	Fitroclear 12000	Fitroclear 16000	Fitroclear 20000	Fitroclear 30000	Filtral UVC 2500	Filtral UVC 5000	Biopress 4000	Biopress 6000	Biopress 10000	Biosmart UVC 8000	Biosmart UVC 16000
7 Watt																			v		v				
9 Watt	v										v											v		v	
11 Watt		v										v	v	v							v		v		v
15 Watt			v																						
18 Watt				v											v										
24 Watt					v											v									
25 Watt						v																			
36 Watt							v		v v								v								
55 Watt								v		v v								v							

“ As the temperature increases over summer ensure adequate aeration as water holds less oxygen in warmer water.”

WATER FILTRATION & UV

Filters - biological and UV systems to keep your pond crystal clear



Versatile and Affordable

BIOLOGIC (PRESSURE) FILTERS WITH UV

Biologic pressure filters include both mechanical and biological filtration functions with an integrated Ultra Violet Clarifier to ensure clear water all the time. A combination of Bio foam filtration and bioballs is used for increased mechanical and biological filtration. To help reduce maintenance all BIOlogic Pressure filters have our FILTER-FLUSH technology, for easy removal of sludge within the filter. The foams will require occasional removal and cleaning.



Barcode	CP Ref No.	Description	RRP
	FU21079	BIOlogic Gravity 12000 UVC - With 11 Watt UVC. Max decorative pond (No Fish) 12000 litres. Max pond with fish 6000 litres.	\$695.95



“ Fish need oxygen, as do filter bacteria. The more oxygen supplied to your water, the faster it will balance out and easier it will be to maintain.”

WATER FILTRATION & UV

Filters - foam



Versatile and Affordable

FOAM PRE-FILTERS - extend the life of the pump and save time on cleaning

Clearpond aquatic black foam pre-filters are a great way to reduce cleaning time – no more annoying little pre-filters to clean. Not only do they save you time but they are a great way to extend the life of your pump by reducing the wear and tear. A great budget priced pre-filter.



Barcode	CP Ref No.	Description	RRP
9331552000998	Part33183	Prefilter Small – 200 x 100 x 100mm with 20mm male adaptor	\$24.95
9331552000856	Part30140	Prefilter Small – 200 x 100 x 100mm with 20mm female adaptor	\$24.95
9331552000943	Part33185	Prefilter Medium – 300 x 120 x 120mm with 25mm male adaptor	\$29.95
9331552000950	Part33186	Prefilter Medium – 300 x 120 x 120mm with 25mm female adaptor	\$29.95

Foam Chart	Infiniti small 200x80 x80	Infiniti large 200x80x80	Small 200x100x100	Medium 300x120x120
Mako 1000			15mm male fitting	
Mako 1000LV			15mm male fitting	
Mako 1500			15mm male fitting	
Mako 1500LV			15mm male fitting	
Mako 2500			22mm male fitting	
Mako 2500LV			22mm male fitting	
Mako 4000				29mm male fitting
Mako 6000				25mm male fitting
Mako 9000				25mm male fitting
Infiniti 600	No fitting			
Infiniti 600LV	No fitting			
Infiniti 800	No fitting			
Infiniti 1200		No fitting		
Infiniti 1200LV		No fitting		
Infiniti 2000			20mm female fitting	
Infiniti 2000LV			20mm female fitting	
Infiniti 2800			20mm female fitting	

“ Always use Biostarter - Beneficial bacteria for the start up of a new biological filter or to give a boost to an existing system after cleaning.”



German Precision & Reliability

INTERNAL & EXTERNAL POND SKIMMERS

The new OASE Swimskims will free your pond of leaves and other nutrient inputs easily and effectively. The skimmer baskets can be emptied quickly, while the whirlpool function will stir up pollutants from the pond floor. The aeration function of the Swimskims sends valuable oxygen deep into the water where it is most needed to assist the health of your fish as well as improving the biological functions of the pond and biological filter.



Barcode	Oase Part No	CP Ref No.	Description	RRP
4010052569079	56907	FU33372	Aquaskim 40 – recommended flowrate 4,000-16,000 lph, height adjustable 300-500mm, 550-830mm, max. pond skimming area 40m2.	\$399.95
4010052573847	57384	FU22316	OASE Swimskim 25 - Dimensions 332x297x250mm. Power Consumption 40W. Aeration function 300lph. Max pump flow rate 2500lph. Max pond skimming area 25m2.	\$399.95



German Precision & Reliability

OASE AQUAOXY

This variable flow pond aerator supplies ponds with additional oxygen, vital for healthy ponds. The AquaOxy can be installed outside (certified by VDE) corresponding to international standards. It comes complete with airstones and air hose with a 2 year guarantee.



CP Ref No.	Description	RRP
AP20860	AquaOxy 500 external pond air pump 500L/hr, 8w, 1x5m airhose	\$229.95
AP22276	AquaOxy 1000 external pond air pump 1000L/hr, 15w, 2x5m airhose	\$459.95
AP29689	AquaOxy 2000 external pond air pump 2000L/hr, 25w, 2x5m airhose	\$499.95
AP22134	AquaOxy 4800CWS external pond air pump 4800L/hr, 60w, 4x5m airhose	\$699.95

OASE AQUAOXY

Immersion Depth in Metres	0.00	0.20	0.40	0.60	0.80	1.00	1.20	1.40	1.60	1.80	2.00	2.50	3.00
AquaOxy 500	500 l/h	475 l/h	430 l/h	400 l/h	350 l/h	300 l/h	250 l/h	200 l/h	-	-	-	-	-
AquaOxy 1000	1000 l/h	900 l/h	800 l/h	720 l/h	650 l/h	600 l/h	550 l/h	500 l/h	450 l/h	-	-	-	-
AquaOxy 2000	2000 l/h	1825 l/h	1650 l/h	1475 l/h	1300 l/h	1125 l/h	950 l/h	775 l/h	600 l/h	-	-	-	-
AquaOxy CWS 4800	4800 l/h	4700 l/h	4500 l/h	4300 l/h	4200 l/h	4000 l/h	3900 l/h	3750 l/h	3400 l/h	2900 l/h	2400 l/h	1600 l/h	900 l/h

UNDERWATER LIGHTING & MISTERS



German Precision & Reliability

OASE LIGHTING - Commercial grade lighting for around the home



Barcode	Oase Part	CP Ref	Description	RRP
4010052571409	57140	LM22135	Lunaqua mini – Set of 3 LED warm lights with transformer (cable 2+3m, 1.5m, 1.5m)	\$399.95
4010052504216	50527	LM21752	Lunaqua Classic LED Set One - 12V, single light set, 1.3W with transformer (cable 2 + 5m)	\$179.95
4010052505275	50530	LM21750	Lunaqua Classic LED Set Three - 12V, 3 light set, 1.3W with transformer (cable 2+3 x5m)	\$359.95
	57034	LM12255	Lunaqua 3 LED Set 1 - 12V, single light set, IP68, IP44 (power unit), 3W per light (cable 2+5m)	\$289.95
	57035	LM12256	Lunaqua 3 LED Set 3 - 12V, three light set, IP68, IP44 (power unit), 3W per light (cable 2+3 x5m)	\$639.95

AQUAGARDEN UNDERWATER LIGHTING SYSTEMS - L.E.D lighting with colour options



The Aquabrite range of L.E.D light sets come with extra long 10m cables, **colour changing** switch and weatherproof IP44 rated low voltage transformer. Each light can be individually set so you can have a choice of white, blue or red L.E.Ds or a combination of all three colours, simply controlled with the flick of a switch on the light cable. All lights are able to be safely submerged underwater thanks to its 12V system. An ideal budget priced lighting set for all ponds, waterfalls and waterfeatures. Also suitable to be used as Garden Lighting.



Barcode	CP Ref	Description	RRP
9331552003128	LM22440	Aquagarden – Aquabrite Set 1 (36 L.E.D) 3+10m	\$99.95
9331552003142	LM22442	Aquagarden – Aquabrite Set 3 (36 L.E.D) 3+10m	\$239.95

AQUAGARDEN AQUAMIST - Mistmakers with colour L.E.D

The Aquabrite range of L.E.D light sets come with extra long 10m cables, colour changing switch and weatherproof IP44 rated low voltage transformer. Each light can be individually set so you can have a choice of white, blue or red L.E.Ds.



Barcode	CP Ref No.	Description	RRP
9331552004279	LM32744	Aquamist Solo - Single outlet plastic mistmaker with 1 L.E.D (RED). 5m cable and outdoor transformer includes Mistmaker float device at no extra cost.	\$99.95
	LM30003	Aquamist Solo - Float for single outlet mistmaker	\$18.95
9331552004286	LM32746	Aquamist 3 - 3 outlet copper mistmaker with 1 L.E.D (RED). 7.5m cable. Outdoor transformer & plastic floating ring included.	\$189.95
9331552004293	LM30067	Aquamist 5 - 5 outlet mistmaker with 2 L.E.D's (RED). 7.5m cable. Outdoor transformer & plastic floating ring included.	\$299.95

PRE-FORMED PONDS



CLEARPOND Versatile and Affordable



Heavy duty Rectangle Small
1065mm x 720mm x 310mm
240 litres
P30009 \$299.95



Heavy duty Rectangle Medium
1292mm x 855mm x 455mm
500 litres
P33282 \$599.95



Heavy duty Rectangle Large
1745mm x 1180mm x 600mm
1200 litres
P30008 \$999.95



3'6" Half round Black
1080mm x 600mm x 220mm
92 litres
P31004 \$149.95



5' Half round Black
1540mm x 760mm x 290mm
242 litres
P31021 \$199.95



3'6" Full round Black
1120mm x 220mm
196 litres
P31006 \$199.95



Adelaide pond
1150mm x 860mm x 380mm
135 litres
P30978 \$95.95

CP Ref	Description	RRP
P30009	Heavy duty Rectangle Small - 1065mm x 720mm x 310mm. 240 litres	\$299.95
P33282	Heavy duty Rectangle Medium - 1292mm x 855mm x 455mm. 500 litres	\$599.95
P30008	Heavy duty Rectangle Large - 1745mm x 1180mm x 600mm. 1200 litres	\$999.95
P31004	3'6" Full round Black - 1120mm x 220mm. 196 litres	\$199.95
P31004	3'6" Half round Black - 1080mm x 600mm x 220mm. 92 litres	\$149.95
P31021	5' Half round Black - 1540mm x 760mm x 290mm. 242 litres	\$199.95
P30978	Adelaide pond - 1150mm x 860mm x 380mm. 135 litres	\$95.95

“Do small regular water changes rather than large ones.”

PRE-FORMED PONDS



Ozpond 120
365mm x 889mm x 305mm
120 litres
P32769 \$169.95



Ozpond 150
991mm x 711mm x 381mm
150 litres
P32770 \$249.95



Ozpond 250
1499mm x 762mm x 457mm
250 litres
P32771 \$399.95



Ozpond 350
1499mm x 991mm x 457mm
350 litres
P32772 \$429.95



Ozpond 600
1803mm x 1270 mm x 457mm
600 litres
P32773 \$599.95



Ozpond 750
2286mm x 1473mm x 457mm
750 litres
P32774 \$749.95



Ozpond 1000
2388mm x 1473mm x 457mm
1000 litres
P32775 \$899.95



Finia 650
P32715 \$299.50



Finia 1000
P32716 \$329.50

CP Ref	Description	RRP
P32769	Ozpond 120 - 365mm x 889mm x 305mm. 120 litres	\$169.95
P32770	Ozpond 150 - 991mm x 711mm x 381mm. 150 litres	\$249.95
P32771	Ozpond 250 - 1499mm x 762mm x 457mm. 250 litres	\$399.95
P32772	Ozpond 350 - 1499mm x 991mm x 457mm. 350 litres	\$429.95
P32773	Ozpond 600 - 1803mm x 1270 mm x 457mm. 600 litres	\$599.95
P32774	Ozpond 750 - 2286mm x 1473mm x 457mm. 750 litres	\$749.95
P32775	Ozpond 1000 - 2388mm x 1473mm x 457mm. 1000 litres	\$899.95
P32715	Finia 650 - 650mm diameter for waterfeatures up to 150kg	\$299.50
P32716	Finia 1000 - 1000mm diameter for waterfeatures up to 250kg	\$329.50

POND/DAM/LAKE LINER & SEALERS



CLEARPOND. Versatile and Affordable

PVC AND LINER UNDERLAY ROLLS



Barcode	CP Ref No.	Description + per metre cut to length price incl gst	Full Roll (incl gst) RRP (@*\$9.95/m2)
1236546301199	PL20790	PVC 30m x 4m x .5mm (per 1m x4m wide \$45.77)	\$1194.00
	PL20788	PVC 30m x 8m x .5mm (per 1m x8m wide \$91.54)	\$2388.00
	PL30001	Liner underlay per roll 50m x 2m (per 1m x2m wide \$14.95)	\$649.95

*** Price is for full rolls or nearest 5m length - Add 15% for nearest per metre cut to length.
PVC is 0.625 kg/m²**

PROLINER EPDM

Decorative garden ponds with or without fish up to commercial aquacultural applications. PROliner has been laboratory tested to be non harmful to fish, drinking water and aquatic life. The liner is easy to install, comes with a long guarantee and is textured so as to help with the natural housing of beneficial bacteria in the pond.

Barcode	CP Ref No.	Description	Full Roll* (incl gst) RRP (@*\$24.95/m2)
1236546301636	PL33086	PROliner EPDM 30mx3m Series 70 (per 1mx3m wide \$85.00)	\$2245.50
1236546301643	PL33087	PROliner EPDM 30mx4.5m Series 70 (per 1mx4.5m wide \$125.00)	\$3368.25
1236546301650	PL33088	PROliner EPDM 30mx6m Series 70 (per 1mx6m wide \$170.00)	\$4491.00
1236546301667	PL33089	PROliner EPDM 30mx9m Series 70 (per 1mx9m wide \$255.00)	\$6736.50
	PL33301	PROliner EPDM 30mx15m Series 70 (per 1mx15m wide \$430.00)	\$11227.50
1236546301674	PL33090	PROliner EPDM 30m x 3m Series100	POA
1236546301681	PL33091	PROliner EPDM 30m x 4.5m x 1mm Series100	POA
1236546301698	PL33092	PROliner EPDM 30m x 6m x 1mm Series100	POA
1236546301704	PL33093	PROliner EPDM 30m x 9m x 1mm Series100	POA
	PL21389	PROliner EPDM 30m x 15m x 1mm Series100	POA

***Price is for full rolls or nearest 5m length - Add 15% for nearest per metre cut to length**



Proliner can be used as a high technology eco-friendly waterproofing membrane for controlled waste water reservoirs, animal waste containment, roofing, tunnels and irrigation, rainwater collection. A 16 page information brochure is available on request, or can be downloaded from our website.

"Use pond liner underlay to protect the pond liner."

POND/DAM/LAKE LINER & SEALERS



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LINER ACCESSORIES



Barcode	CP Ref No.	Description	RRP
9331552001759	PS22633	Gold Label Underwater Sealer - 290ml Black	\$49.95
	PS22634	Gold Label Underwater Sealer - 290ml Clear	\$49.95
	PL29830	Oase PVC Liner Glue 250ml	\$49.95
4010052571546	PL30005	OASE BD 100 Bottom Drain	\$199.95
	PL29811	OASE Tradux – Wall & liner transition for cables & hose	\$129.95

PONDSHIELD STARTER & PONDSEILD PRO

Clearpond PondShield Starter is our budget version sealer. PondShield Starter is a heavy black membrane that cures to a flexible and water insoluble coating. PondShield Starter contains reinforcing fibres for sealing cracks and is suitable for below ground applications. Ideal for waterfeatures, ponds, retaining walls, planter boxes and tanks. PondShield Starter maybe applied by brush, roller or soft broom and should be applied with at least 2 coats each of 0.5litre per square metre – this will ensure a minimum total coverage of 1 litre per square metre. Allow 24 hours for drying between coats. PondShield Starter is not suitable for waterproofing where reverse hydrostatic pressure exists and therefore can not be applied to 'green' concrete or where moisture is present. Pondshield Starter cures by loss of moisture so the product can only be used where conditions allow adequate drying. PondShield Starter requires a minimum of 10 days curing time prior to filling with water.



Barcode	CP Ref No.	Description	RRP
9331552004101	PS22090	Pondshield Starter – 5 litre, total coverage 5 square metres using 2 coats minimum	\$169.95
9331552004095	PS22089	Pondshield Starter – 15 litre, total coverage 15 square metres using 2 coats minimum	\$389.95
331552004088	PS22059	Pondshield Pro – 4 litre, (2x2 litre parts) total coverage 6 square metres using 2 coats recommended	\$289.95
	PS22058	Pondshield Pro – 20 litre, (10x10 litre parts) total coverage 30 square metres using 2 coats recommended	\$1199.95

“ Pondsheild Pro can be applied even to damp surfaces and is less than half the cost of fibre glassing ”

POND ACCESSORIES & POND PLANTERS



CLEARPOND Versatile and Affordable

AQUATIC PLANTERS AND FLOATING RINGS - minimum 5 per order



Barcode	OASE Part No.	CP Ref No.	Description	List Price inc. GST
9331552002596		PPF31111	Floating ring only. Large	\$19.95
9331552002602		PPF31112	Floating ring only. Small	\$14.95
755598140002	52630	PPF30772	Planter 14cm round. Suits small floating ring	\$4.95
4010052526324	52632	PPF30715	Planter 22cm round. Suits large floating ring	\$14.95
		PPF32673	Planter Waterlily 40cm round	\$29.95



Barcode	CP Ref No.	Description	RRP
9331552003111	PA22447	Pongard auto water spray cat and animal deterrent	\$139.95
	PA51651	Pond Wand - string Algae remover	\$49.95
	PA30228	OASE Floating Duck	\$49.95



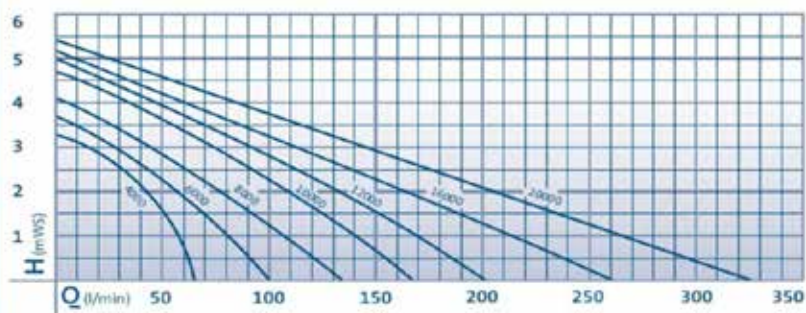
Pongard

- Ideally suited to protecting fish in ponds from birds and other predators. Protection for ponds, swimming pools, flowerbeds, seeds & seedlings, lawns and vegetable patches.
- As soon as a bird or other animal breaks Pongard's passive infrared sensor beam, it triggers a 5 second jet of water fired in the direction of the intruding animal which, in combination with its 'clicking' sound, scares away even the most persistent pests.
- The Pongard is designed to reset itself after 5 second and resume sensing. This introduces a random effect that prevents the animals becoming accustomed to the device.
- Pongard is very easy to set up. It connects to a standard garden hose that can be left on as it is only activated when needed. Working off four AA batteries (not included), it does not need mains power and will fire a burst of water up to 10m and protect areas up to 30 sqm

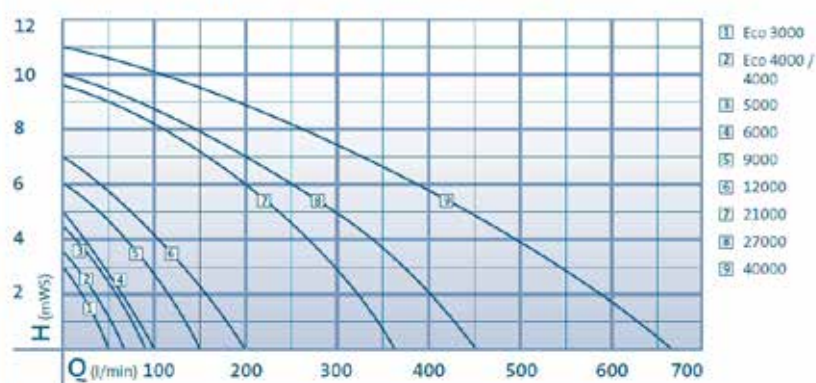
“ Use pond plants to aid in filtration, aeration and to shade the pond to help reduce algae growth.”

Product Specifications - Pump Curves

AquaMax Eco Premium 4000-20000

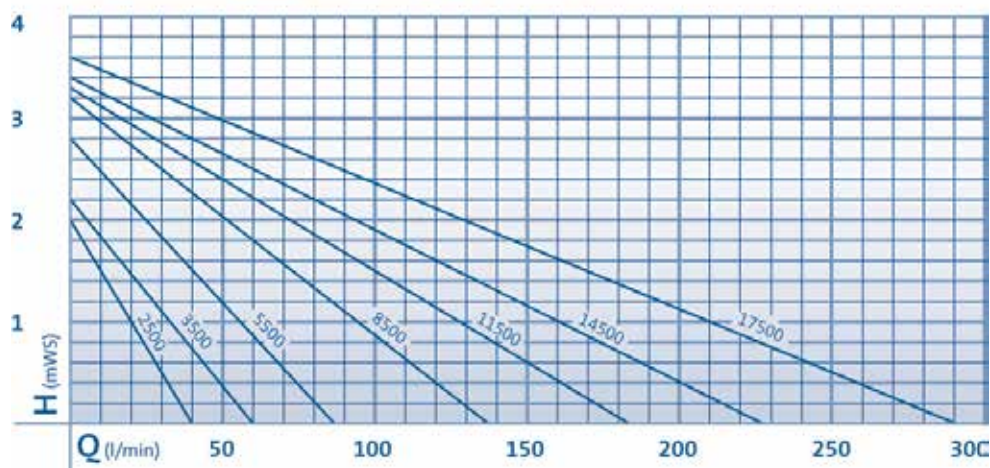


Aquarius Universal Eco 3000/4000 + 4000 – 40000



Pump performance curves – comparison (PRO)

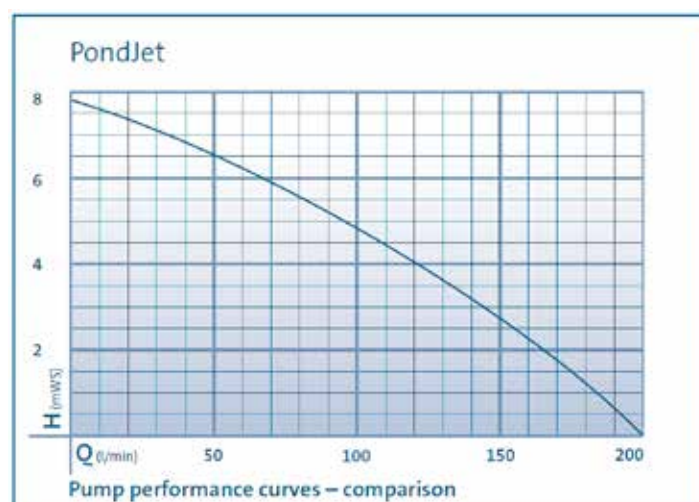
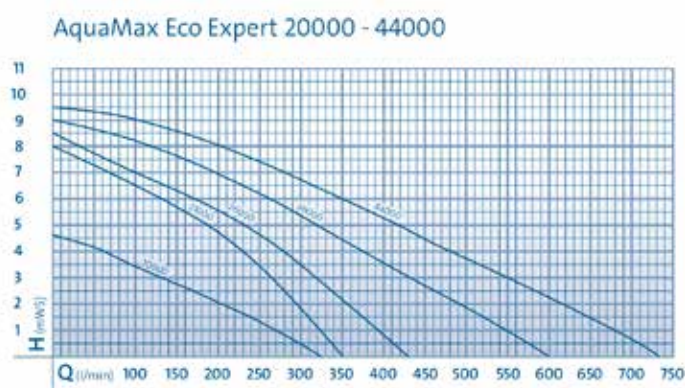
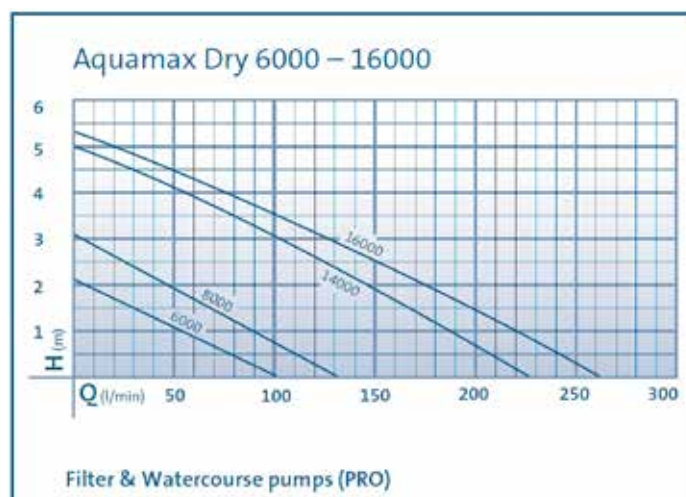
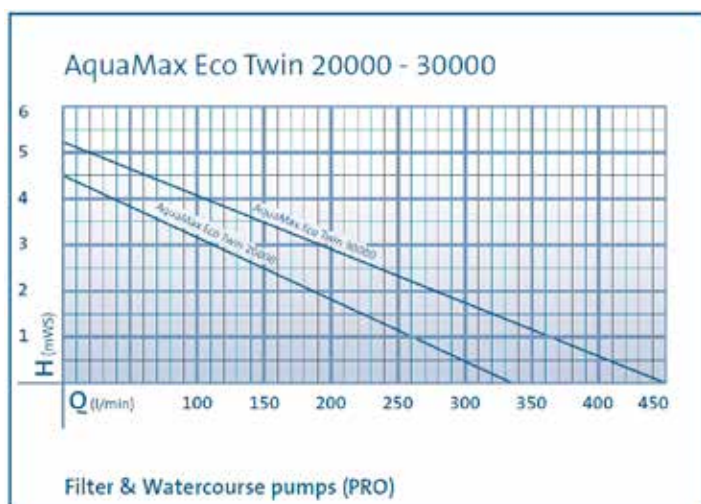
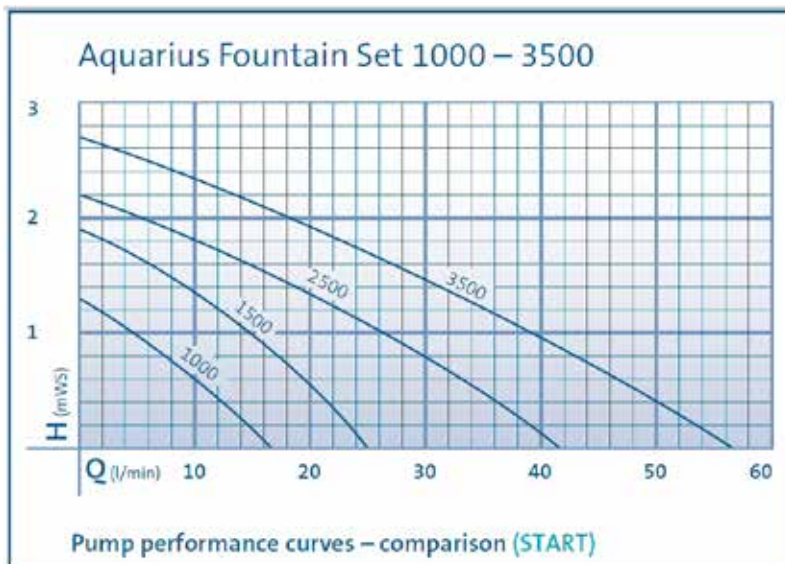
AquaMax Eco Classic 2500 – 17500



Product Specifications - Pump Curves



German Precision & Reliability

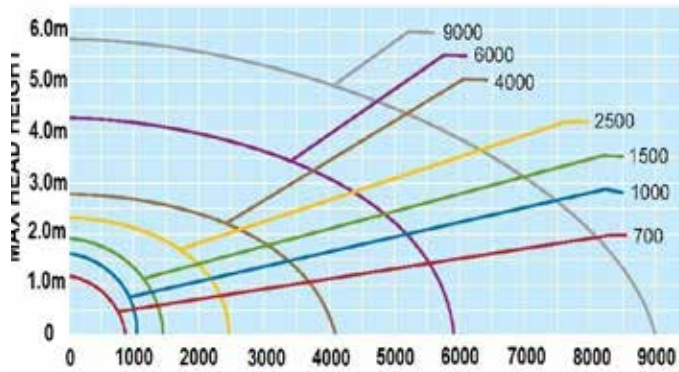


Product Specifications - Pump Curves

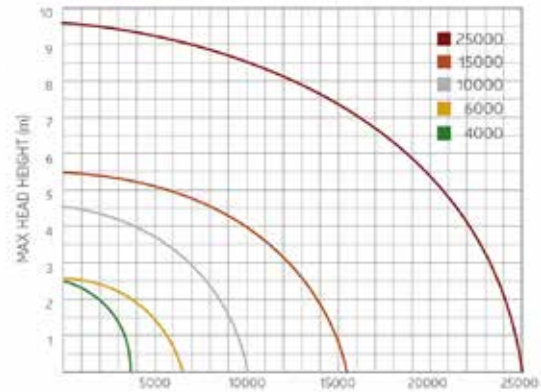


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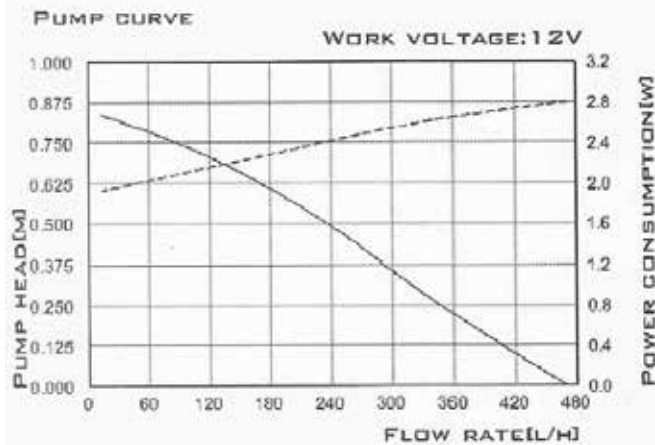
Aquagarden Mako



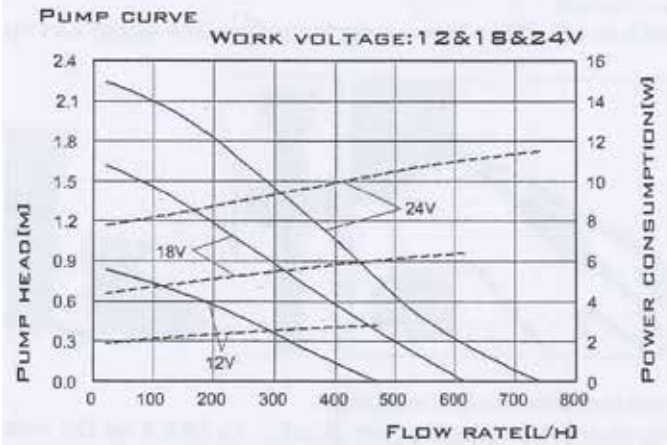
Barracuda



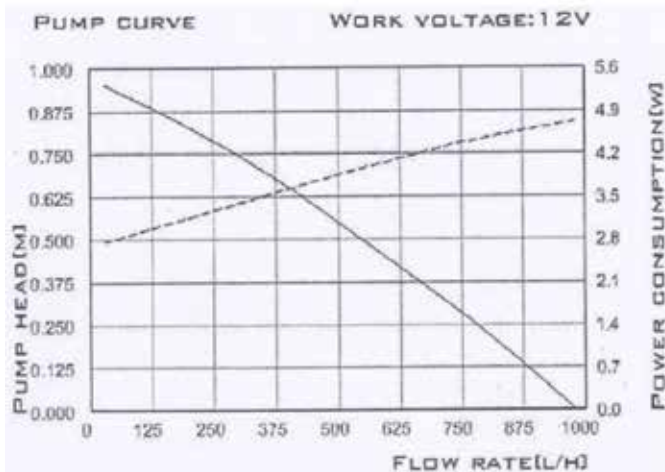
SolarFree 500



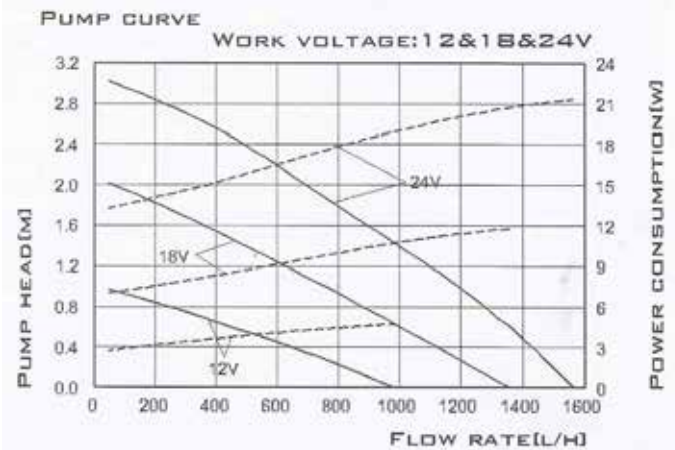
SolarFree 800C Supreme



SolarFree 1000c



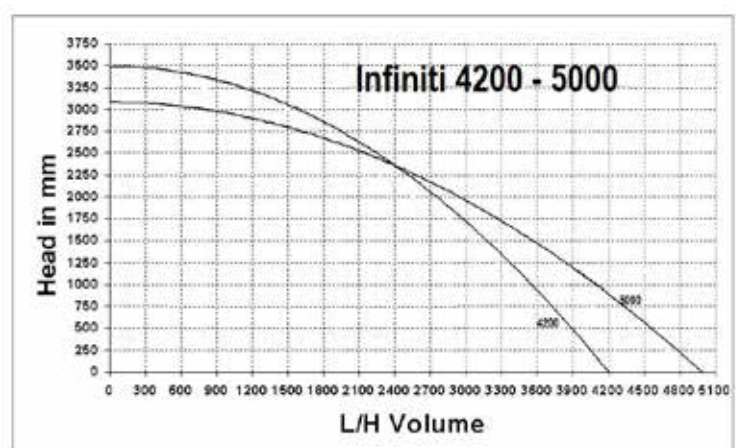
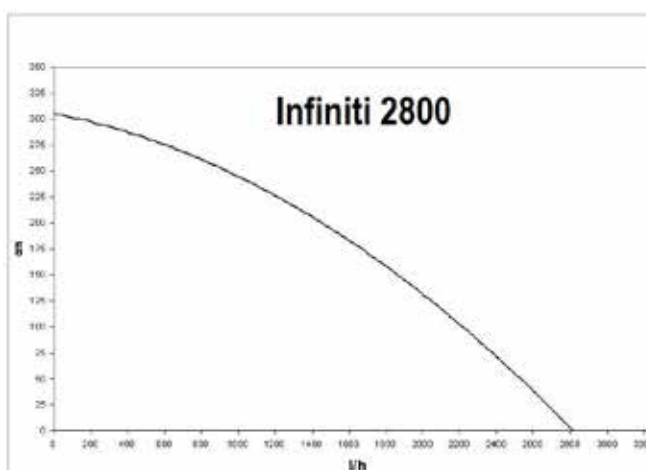
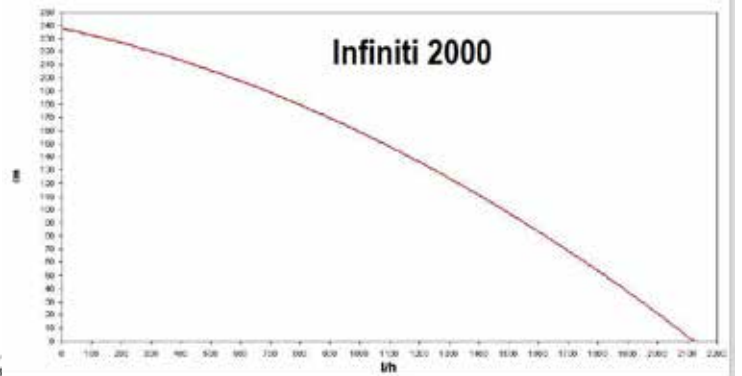
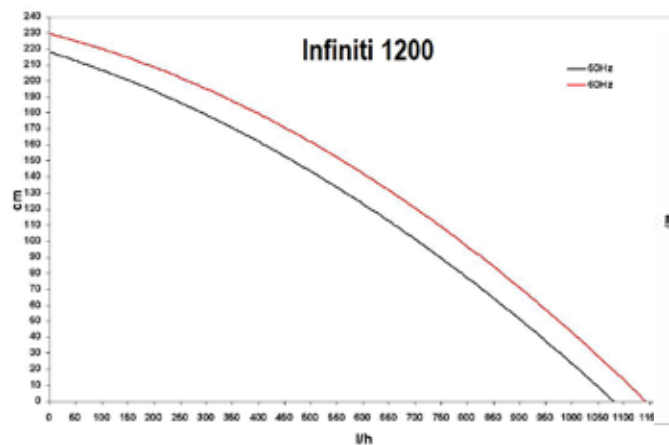
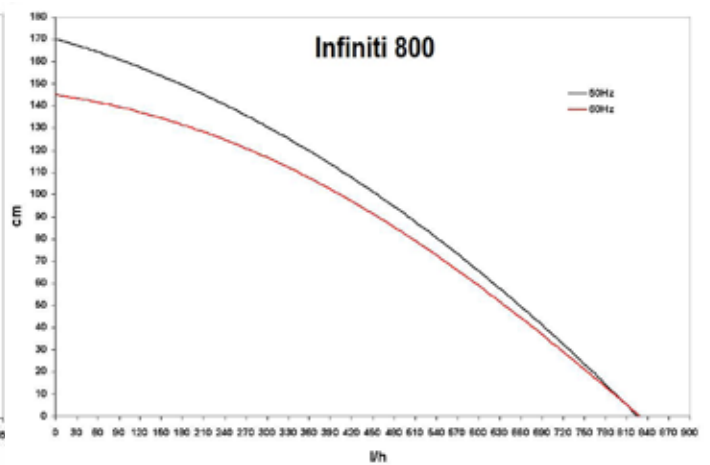
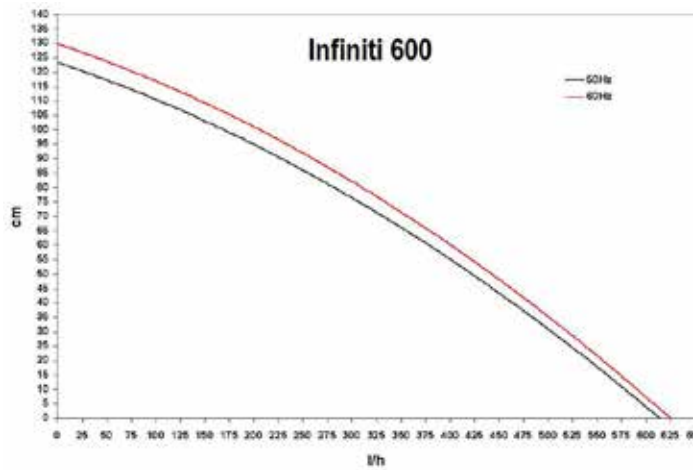
SolarFree 1600C Supreme



Product Specifications - Pump Curves



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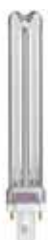
SPARE PARTS



German Precision & Reliability

ULTRA VIOLET LIGHT - SPARE PARTS

Please note that UVC lamp prices are not necessarily based on wattage but on the type of globe. Eg: single or double end



Oase Part No	CP Ref No.	Description	RRP
	PartL22133	OASE 7W Lamp	\$39.95
54984	PartL31661	OASE 9W Lamp	\$45.95
53770	PartL30990	OASE 15W Lamp	\$75.95
56236	PartL30012	OASE 18W Lamp	\$75.95
56237	PartL30013	OASE 24W Lamp	\$89.95
53969	PartL30991	OASE 25W Lamp	\$89.95
	PartL31900	OASE 36W Lamp	\$89.95
56636	PartL33324	OASE 55W Lamp	\$99.95
	PartL24531	Clarity Lamp 9w to Suit models 2500- 8000	\$119.95
	PartL24532	Clarity Lamp 24w to suit models 12000 & 15000	\$149.95
	Part21981	Quartz sleeve for Filtral 2500	\$69.95
	Part32190	Quartz sleeve for Filtral 5000/Filtoclear/Biopress	\$99.95

UVC GLOBE / LAMP CHART

	Bitron C 9 W	Bitron C 11 W	Bitron 15	Bitron C 18 W	Bitron C 24 W	Bitron 25	Bitron C 36 W	Bitron C 55 W	Bitron C 72 W	Bitron C 110 W	Filtoclear 3000	Filtoclear 6000	Filtoclear 11000	Filtoclear 15000	Filtoclear 12000	Filtoclear 16000	Filtoclear 20000	Filtoclear 30000		Filtral UVC 2500	Filtral UVC 5000	Biopress 4000	Biopress 6000	Biopress 10000	Biosmart UVC 8000	Biosmart UVC 16000
7 Watt																				v		v				
9 Watt	v										v												v		v	
11 Watt		v										v	v	v								v		v		v
15 Watt			v																							
18 Watt				v											v											
24 Watt					v											v										
25 Watt						v																				
36 Watt							v		v v								v									
55 Watt								v		v v								v								

SPARE PARTS



CLEARPOND. Versatile and Affordable

ROTORS AND IMPELLORS

Barcode	Oase Part No	CP Ref No.	Description	RRP
		PartImp22173	Barracuda 4000 Rotor	\$89.95
		PartImp22174	Barracuda 6000 Rotor	\$99.95
		PartImp22175	Barracuda 10000 Rotor	\$119.95
		PartImp22176	Barracuda 15000 Rotor	\$129.95
		PartImp21650	Barracuda 25000 Rotor	\$169.95
		PartImp30823	Clearpond Infiniti 600 Impellor	\$39.95
		PartImp30824	Clearpond Infiniti 800 Impellor	\$39.95
		PartImp30825	Clearpond Infiniti 1200 Impellor	\$45.95
		PartImp24456	Clearpond Infiniti 2000 Impellor	\$69.95
		PartImp33276	Clearpond Infiniti 2800 Impellor	\$79.95
		PartImp24458	Clearpond Infiniti 4200 Impellor	\$129.95
		PartImp24457	Clearpond Infiniti 5000 Impellor	\$139.95
		PartImp21759	Mako 1000 Impellor	\$39.95
		PartImp21760	Mako 1500 Impellor	\$59.95
		PartImp21761	Mako 2500 Impellor	\$69.95
		PartImp21762	Mako 4000 Impellor	\$89.95
		PartImp21763	Mako 6000 Impellor	\$89.95
		PartImp21764	Mako 9000 Impellor	\$119.95



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Barcode	Oase Part No	CP Ref No.	Description	RRP
		PartImp30054	Oase Aquarius 600 Impellor	\$59.95
		PartImp30032	Oase Aquarius 1000 Impellor	\$69.95
			Oase Aquarius 1500 Impellor	\$69.95
		PartImp22326	Oase Aquarius 2500 Impellor	\$89.95
		PartImp22243	Oase Aquarius 3500 Impellor	\$69.95
		PartImp21982	Oase Filtral 2500 Impellor	\$69.95

SPARE PARTS



SPARE PARTS - FILTER FOAMS



Barcode	Oase Part No	CP Ref No.	Description	RRP
4010052561097	32890	Part32636	Filter Set Filtoclear 3000	\$119.95
4010052561103	56110	Part32637	Filter Set Filtoclear 6000	\$149.95
4010052561110	56111	Part32638	Filter Set Filtoclear 11000	\$189.95
		Part20803	Filter Set Filtoclear 12000	\$199.95
4010052568843	56884	Part29691	Filter Set Filtoclear 15000	\$199.95
		Part20802	Filter Set Filtoclear 16000	\$229.95
		Part21360	Filter Set Filtoclear 20000/30000	\$279.95
		Part21277	Filter Set Filtral 2500	\$79.95
		Part22490	Filter Set Filtral 5000	\$99.95
		Part31903	Filter Foam Biotec 4	\$95.95
4010052540313	54031	Part31905	Filter Foam Biotec 5/10/30 Blue	\$39.95
4010052540306	19260	Part30016	Filter Foam Biotec 5/10/30 Red	\$39.95
4010052566771	56677	Part30042	Filter Foam Biotec 5.1/10.1 Red	\$39.95
4010052566788	56678	Part30043	Filter Foam Biotec 5.1/10.1 Blue	\$39.95
		Part32617	Filtoclear Electrics	\$349.95
		Part32629	Filtoclear Tension Ring	\$99.95
		Part21074	Sealing set UV 7w/9w/11w	\$44.95
		Part32174	O'ring 32x4 Filtral 5000/Filtoclear/Bitron	\$11.95
		Part32596	Outer lid Filtoclear	\$119.95
		Part32632	Set of seals for Filtoclear	\$119.95
		Part24547	UVC Housing Filtral 5000	\$94.95
		Part22244	Filtoclear cannister ring (330 x 8)	\$49.95

***Many more spare parts are available.**

**Oase Spare part catalogue available at www.clearpond.co.nz
(Help Centre> Catalogues and Brochures)**

WATER HARVESTING/CONTAINMENT



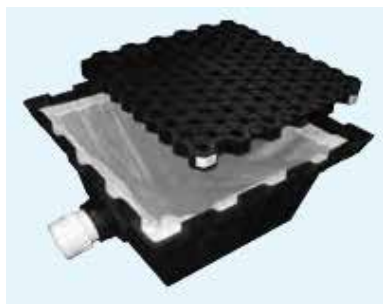
CLEARPOND. Versatile and Affordable

CLEARPOND WATERQUBE- high-strength reservoir, water storage, rainwater collection & water feature cubes



CP Ref No.	Description	RRP
WS21601	WaterQube 2 Standard - L685mm x W408mm xH450mm (119.3 lt)	\$49.95
WS21600	WaterQube Storage Downspout filter - 65mmx66cm x30cm (D)	\$459.95
	WaterQube 2 Connector pin - 4 per double module / 8 triple	POA
	WaterQube 2 Stormsump 600mm x 600mm x 700mm (green)	POA

Ideal for pondless waterfeatures or high weight waterfeature reservoirs as well as large underground water storage inconjunction with Clearponds range of pond liners. There are simply so many applications that you can use Clearpond WaterQube products for. Ideal for the use under roads, paths and sidewalks for efficient underground transfer and storage of water. Surface area = 90%-95% void space. Made from 100% recycled polypropylene. Unaffected by mould, algae, soil born chemicals, bacteria or bitumen. Temperature tolerance -30 Deg to 120 Deg Celcius. Flow rate 0.019 m3/second. Unconfined crush test = 372.11kgmm. Ultimate Load (H2O Load Rated) 22,680KG



SHEER DESCENT & WATERFALL SPILLWAYS



CLEARPOND Stainless Steel Sheer Descent



CP Ref No.	Description	RRP
SF32838	Clearpond Stainless Steel Sheer Descent 300mm x 70 x 70mm rear entry. 1 x 40mm rear entry.	\$299.95
SF32839	Clearpond Stainless Steel Sheer Descent 600mm x 65 x 75mm rear entry. 1 x 40mm rear entry.	\$349.95
SF32840	Clearpond Stainless Steel Sheer Descent 900mm x 80 x 80mm rear entry. 2 x 40mm rear entry.	\$499.95
SF29692	Clearpond Stainless Steel Sheer Descent 1200mm x 80 x 85mm rear entry. 2 x 40mm rear entry.	\$699.95
SF22510	Clearpond Stainless Steel Sheer Descent 300mm x 70 x 70mm bottom entry. 1 x 40mm bottom entry.	\$299.95

*** Acrylic Sheer Descents are also available in a range of sizes - and can be ordered with LED lighting - contact us for special order requirements.**



CLEARPOND Aquafalls, Waterfall Diffusers and Spillways



CP Ref No.	Description	RRP
SF22563	Clearpond Waterfall Diffuser - 23'	\$399.95
SF22560	Clearpond Aquafalls 48,000 filter with media and lid	\$789.95



SHEER DESCENT & WATERFALL SPILLWAYS

Calculating Required Flowrates for Clearpond Sheer Descent Spillways

Projecting Sheet

Rule of Thumb – For every 300mm of spillway you require 3000lph at the head height to go through the unit. Eg. 900mm spillway requires 9000lph at the head, so you will need a pump larger than 9000lph.

Pump requirements where the sheer descent is no more than 1.2m above water level and 40mm pipe is used:

Spillway size	Minimum Pump size required LPH
300mm	4000 – 6000
600mm	9000
900mm	12000
1200mm	15000
1500mm	21000
1800mm	21000

Non Projecting Sheet

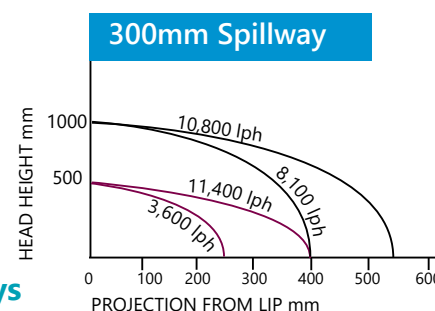
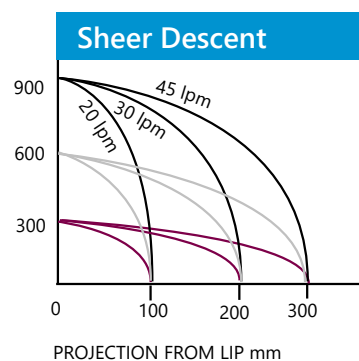
Rule of Thumb – For every 300mm of spillway you require 1000lph at the head height to go through the unit. Eg. 900mm spillway requires 3000lph at the head, so you will need a pump larger than 3000lph.

Pump requirements where the sheer descent is no more than 2m above water level and 40mm pipe is used:

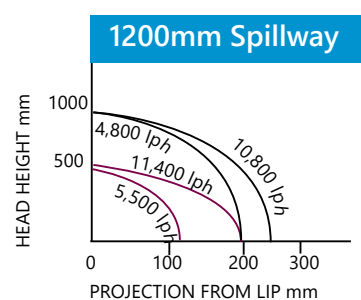
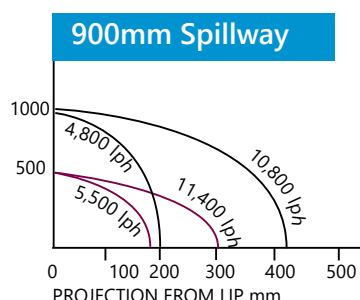
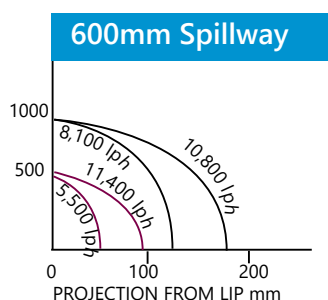
Spillway size	Minimum Pump size required LPH
300mm	3000-4000
600mm	4000-5000
900mm	5000-6000
1200mm	6000
1500mm	7000-9000
1800mm	9000

Useful tips:

- Use 40mm pipe where possible. If smaller pipe then upsize the pump.
- Aquagarden D'scents are not suitable for pool pumps.



Flowrates required for Aquagarden Descents acrylic spillways



SHEER DESCENT & WATERFALL SPILLWAYS

Installing your Clearpond Sheer Descent - 25mm lip

Take care not to damage the Clearpond Sheer Descent during installation. It is best to keep it in its original packaging until you are ready to begin the actual installation. Do not leave uninstalled Sheer Descent in direct sunlight.

The Sheer Descent is shipped complete with grout guard fitted in the opening of the waterfall to keep the spillway opening clean and to prevent damage.

IMPORTANT: Do not remove the protective grout guard until you are ready to start up for the first time. Leave it in place throughout the installation or damage may occur which will effect the performance.

The pool tiler usually installs the Sheer Descent waterfall.

Be sure to install the waterfall before any decks or coping are to cover the Sheer Descent.

Place the Sheer Descent in the pre-cut notch in the brick work (see top left), then level the top of the unit to the top of the brick work using tile shims underneath the unit if necessary.

Note: the opening and grout guard are located at the top of the Sheer Descent.

Fill the gaps around the unit with suitable mastic material.

Cut tiles to fit beneath the lip of the unit and secure with tiling compound.

Fibre Optic and LED units

These instructions are based on a basic unit.

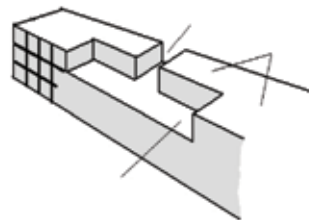
Fibre Optic and LED units are available and if you are installing one of these, add a further 25mm at the top of the unit when cutting the recess for the unit.

Fibre Optic Units have a chamber at the top of the water blade where the fibres are introduced in the main manifold. Tile shims may be used to level the top of the unit.

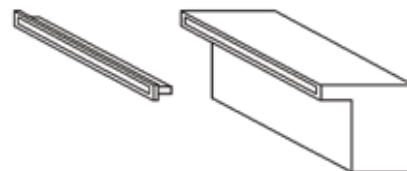
LED connections to the spill can be either rear or bottom mounted so allowance must be made for the extra space taken up by the connection.

The Light Engine should be mounted as close to the Sheer Descent as possible, in an accessible area so the light array may be altered or for service of the unit. Do not for any reason cut the Fibre Optic or LED cables.

Finished notch in beam
65mm x 85mm slot
Top of raised bond beam

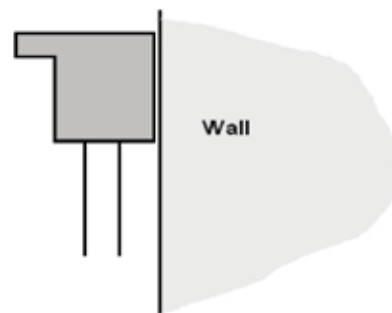


65mm x 85mm notch
by Sheer Descent length + 60mm

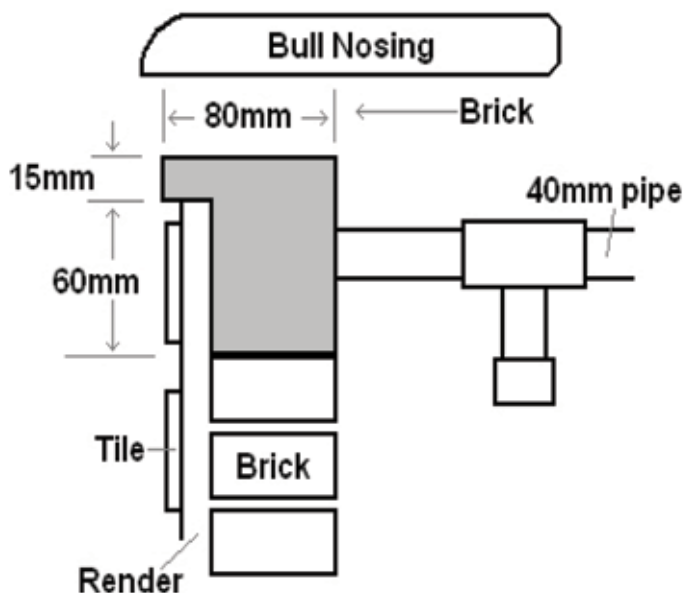


IMPORTANT: Do not remove the grout guard until installation is complete.

Bottom Feed Unit



A bottom - feed unit may be installed where space behind the unit is limited such as up against brick walls.



SHEER DESCENT & WATERFALL SPILLWAYS

Cutting the brick work

1. For Sheer Descent models 300mm to 1200 mm long with 25mm lip.

After choosing the position for the Sheer Descent, cut a notch in the brick work 85mm deep by 65mm wide and 50mm longer than the length of the Sheer Descent (i.e. 25mm each end). For example, if you are installing the 1200mm model cut the notch 1250mm (1200 + 25 + 25 mm) long. Then mark a single slot in the centre and on top of the brick 65mm wide by 85mm deep.

Use this notch to plumb 40mm PVC pipe to the Sheer Descent. Mark the brick work and cut it accordingly.

Do not apply torque to fittings. Keep all piping supported so as not to stress the rear of the unit or fitting.

2. For Sheer Descent models 1500 to 2400 mm long (dual feed).

Longer waterfalls need more water, therefore cut two plumbing lines. Mark and cut the brick as above, except that you now need two notches on the top of the brick for piping. Mark the top of the brick for these units as below.

Length Of Unit	Position Of Dual Feed Pipes
1500mm	375mm either side of centre
1800mm	450mm either side of centre
2400mm	600mm either side of centre

Complete the cuts in the brick before moving on to the next stage.

3. Installation of 150-230mm Lip extension Units

Place the Sheer Descent unit on the flat, smooth, level surface in the correct location. Set it on the brick or concrete wall using cement or flexible adhesive.

If you wish to install the unit so it sits flush with the top of the wall or bricks, mark the desired position and cut a recess into the top of the wall allowing the 25mm each end as stated previously and also allow for 10mm above and below the lip. Allow 25mm above the lip for a Fibre Optic Unit instead of 10mm.

Fill the area above and below the lip with suitable flexible adhesive.

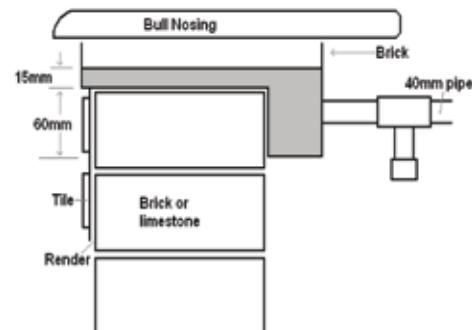
Keep the waterfall unit shielded from the sun until the finishing coping has been positioned.

Do not apply torque to fittings. Support all the piping so that the rear of the unit or fitting is not stressed.

Waterfall Flow Volume

Note: When you are plumbing more than one waterfall, add the total length of waterfalls together to determine the flowrate required. E.g. When plumbing two 1800mm units, you now have 3,600mm of waterfall, which needs 540 litres/min.

See flowchart (page 88) to select the preferred volume of water flow, depending on how far forward you want the water sheet to project and how high your unit is above water level.



SHEER DESCENT & WATERFALL SPILLWAYS

Options for pump size and installation

The Sheer Descent can provide a continuous sheet of water with a minimum rate of water flow.

A standard 1200mm model, for example, requires only 180 litres of water per minute to project the blade of water 300mm at a height of 900mm.

Installing with existing pool filter pump in place

The most common plumbing system consists of using the existing main pool filter pump to supply the waterfall. This works well with a very small water flow. A correctly sized swimming pool pump will normally operate the Sheer Descent and the pool filter at the same time with little change in overall flowrate.

As a rule of thumb, the Clearpond Sheer Descent requires about 45L/min per 300mm of width with little head loss. However, you can increase the water flowrate to make a more dramatic effect and to project the water sheet further out from the wall.

Install a three-way valve on the line returning water from the filter to the pool and connect it to the waterfall feed line with 40mm PVC pressure pipe. Waterfalls more than 1500mm wide require at least a 50mm PVC feed pipe.

Note: Use minimum of 40mm pipe. Use minimum of 50mm pipe for runs of more than 20m or if waterfall is more than 1500mm wide. Use dedicated plumbing lines.

Plumbing in the Clearpond Sheer Descent.

Return line: The feed line from either the main pump or a separate pump requires at least 40mm PVC pipe. Use a 50mm line for waterfalls wider than 1.5m. Place the end point of the feed line near the centre of the waterfall at the rear of the bond beam.

When using the existing filter pump, install a 3-way valve as the "T" from the return line of the pool to the Sheer Descent. Place it in an accessible position on the feed line so that you can control the flowrate of water to the Sheer Descent as well as to the rest of the pool. The best place for this valve is usually just after the filter near the equipment pad.

Filter all water supplied to the Sheer Descent. If you have a dedicated pump for the Sheer Descent you must use a separate filter to keep debris out of the unit.

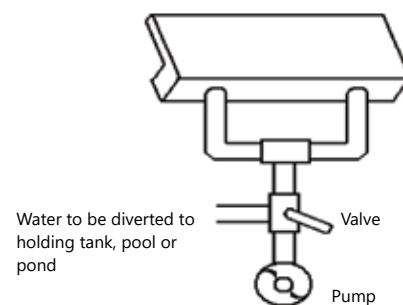
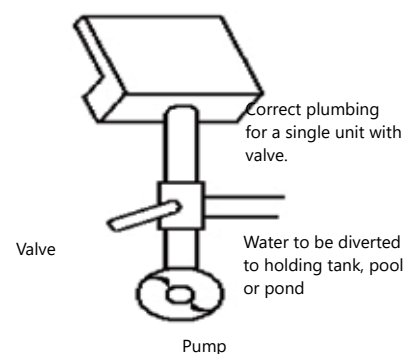
Standard 40mm PVC fittings will fasten to the 40mm fitting provided on all Sheer Descent units using standard PVC solvent cement.

To ensure fittings are properly bonded when gluing, clean both pipe and fittings before applying solvent cement, smear both parts with solvent cement and slightly twist the pipe when pushing it into the fitting. Priming fluid may be used if desired.

Note: You should install a flow control valve in an accessible position on the supply line to regulate the water supply to the Sheer Descent.

Installing the rock trap

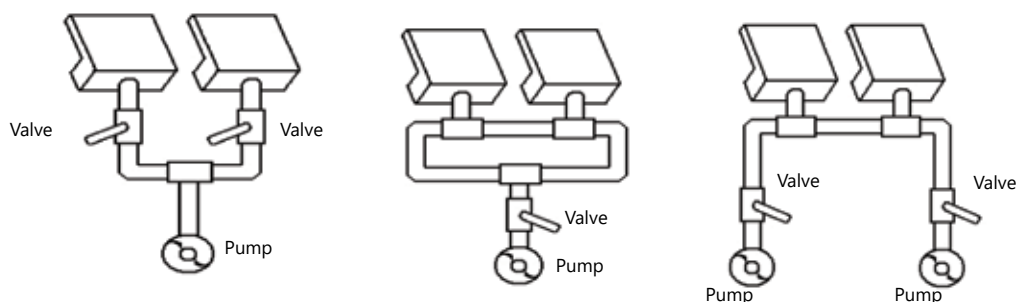
- Install the rock trap close to the waterfall for maximum protection.
- Make sure the debris collection chamber is pointing down. If this is not possible do not install the rock trap.
- Before cementing the rock trap in place make sure the flow arrow is pointing in the right direction.



SHEER DESCENT & WATERFALL SPILLWAYS

Installing multiple units

You can install multiple Sheer Descent units in exactly the same way as for a single unit except that you will need to include a separate 2-way valve for each unit. These valves are used to control the amount and distribution of water between each of the waterfall units. Use minimum 50mm PVC pipe with regulating valves for 1,500mm and wider.



Starting up your Sheer Descent

The Sheer Descent is ready to be started as soon as the swimming pool is finished and filled with water and all glue and/or fixing adhesives are given sufficient time to dry. Remove the protective grout guard now and make sure the opening is clean and free from debris before diverting water into the waterfall.

Now switch the pump on. If you are using the main pool pump to supply the waterfall let it run for a few minutes to clear all debris out of the lines. Then slowly open the valve and allow water to flow to the Sheer Descent unit. Using the 3-way valve, adjust the water flowrate until the sheet of water projects on to the surface of the swimming pool.

After a few minutes all air should have been cleared from the lines and the Sheer Descent should now provide a continuous sheet of water.

If you have installed a separate pump, be certain to open all valves before starting the pump. Make sure all lines are clear of debris, then start the pump and let water circulate through the filter and return system. Close the valve to the waterfall slowly until it has reached your desired flowrate. Wait for a few minutes until all air has been forced out of the pipes.

Winterisation

In areas where a heavy frost is likely, drain water from the system during winter.

In these areas, the plumbing should be designed for ease of draining water. The Sheer Descent is designed so that only a minimum of water stays in the unit when the plumbing is installed correctly.

For winterising, blow all lines clear of water and follow normal procedures such as covering the pool.

Trouble shooting

1. Check that the pump system is switched on and working normally.
2. Make sure all air is purged from the lines
3. Make sure all filters and strainers are cleaned
4. Make sure valves have not been tampered with

Problem	Cause	Solution
Waterfall is not completely smooth – there is a gap in the water sheet.	Debris has collected in the manifold and is stuck behind the opening.	Place a credit card or similar slim object inside the opening while the waterfall is running. Slide it along to where the debris is and gently pull it out.
One waterfall is stronger than another (where there are more than one waterfall).	Water supply not correctly balanced.	Adjust 3-way valves until balance correct.

POND VACUUMS & POND CLEANERS



German Precision & Reliability

OASE PONDOVAC - sucks up silt and debris, without the need to change the pond water



Barcode	CP Ref No.	Description	RRP
706759500654	VA22303	OASE Pondovac Classic (Formerly Start Original.)	\$699.95
4010052503905	VA22161	OASE Pondovac Version 4 suction depth 2.4m 1800W motor 4m cable	\$1159.95
	VA11609 COMM	OASE Pondovac Version 5 suction depth 2.5m 1700W motor, pumped discharge, 7.5 m cable	\$1995.95
	VA19967 COMM	Oase Pondovac Premium - Hoses, Nozzles & Accessories sold separately - L 605 x W 580 x H 970 - max. suction depth of 2.6m, 1500 Watt motor, max. flow 20,000lph - 44kg	\$P.O.A



Pondovac Version 4

- Vacuum non-stop thanks to the patented two-chamber system – simultaneous vacuuming and emptying of the tank.
- Can be used for cleaning garden ponds, pools and swim ponds as well as a wet vacuum in the household.
- Suction depth of 2.4m thanks to the high-performance 1800W motor with optimised blade geometry
- Delivered with special string algae nozzle, widened universal nozzle, area nozzle with rollers and integrated brush, wet vacuum brush, brush nozzle for corners and stubborn debris, debris collection bag for retention of coarse particles, 5m suction hose and 2.5m discharge hose
- Easy to move with transport rollers and adjustable handle.
- Transparent suction tube for flow-through control



CLEARPOND. Versatile and Affordable

POND VACUUM - powered by the garden hose, venturi action creates suction



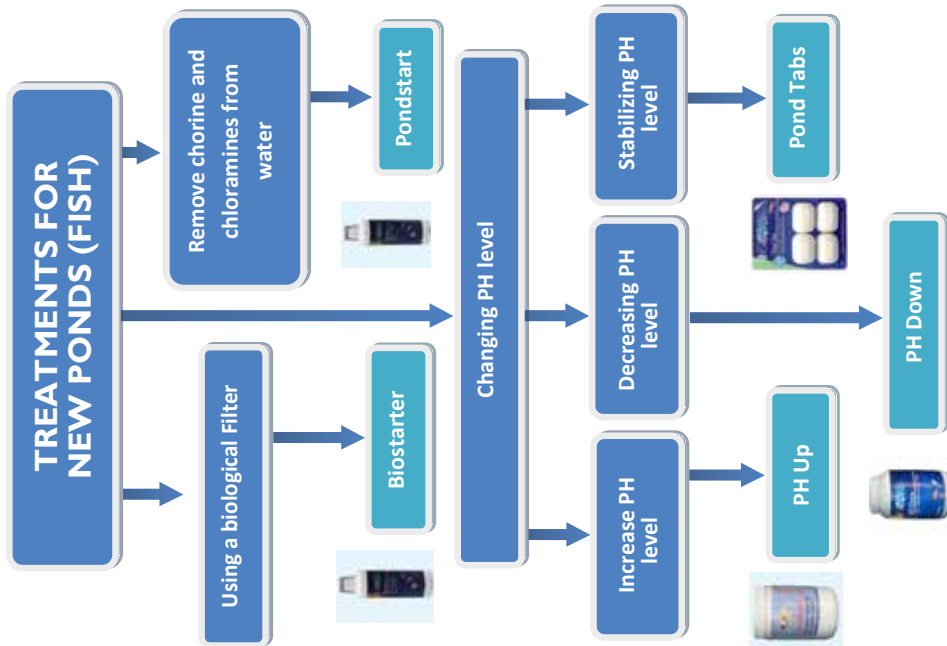
Barcode	CP Ref No.	Description	RRP
9331552000295	VA32434	Clearpond Turbo pond vacuum	\$84.95
	VA51651	Clearpond Pond Wand - String Algae remover	\$49.95



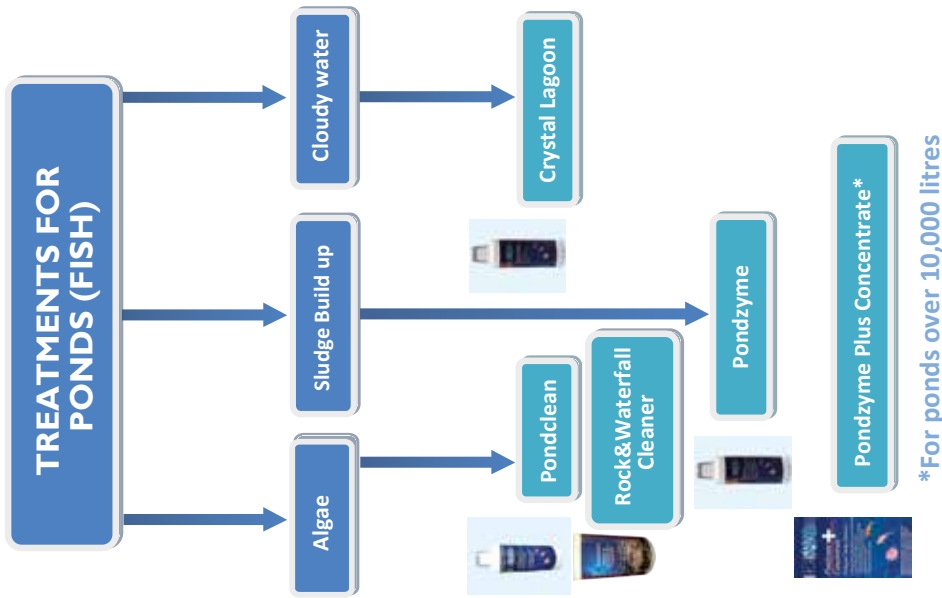


CLEARPOND[®]
NEW ZEALAND

TREATMENTS FOR NEW PONDS (FISH)

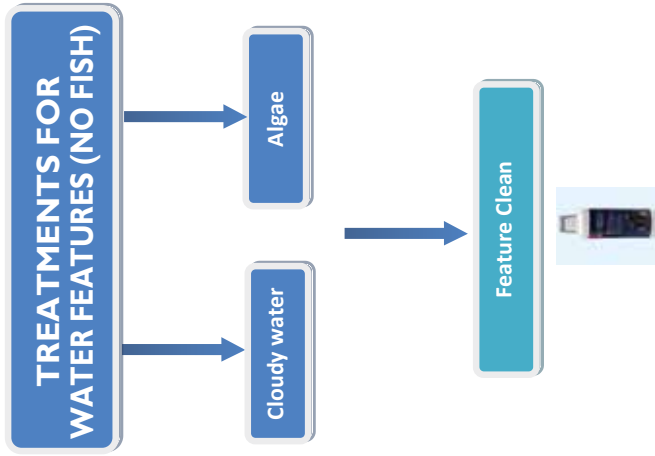


TREATMENTS FOR PONDS (FISH)



*For ponds over 10,000 litres

TREATMENTS FOR WATER FEATURES



"The Clearpond range of water treatments are designed to help you get the best out of your pond or water feature"

0800 278 784 www.clearpond.co.nz

WATER TREATMENTS - (see table page 48)



CLEARPOND. Versatile and Affordable

WATER TREATMENTS

Clearpond Pond Tabs

Quantity	Coverage	Benefits	Instructions
4 x 15gram blocks	800 litres (200 litres per 15 gram block)	Helps condition pond water Stabilizes pH Keeps ornamental fish pond water clear Safe for fish and plants if used at recommended dosage rates	Place Pond Tabs where water circulation is best Wash hands after use Replace when water starts to discolour



Barcode	CP Ref No.	Description	RRP
9331552002671	WT32827	Clearpond – Pond Tabs (Block of 4) – Algae containment blocks for use in small ornamental ponds & water features	\$16.95

Clearpond Pond Clean

Quantity	Coverage	Benefits	Instructions
250ml 500ml	6,250 litres of pond water 12,500 litres of pond water	Controls green water algae in freshwater ornamental fish ponds Prevents algae from reappearing Use when algae first appears in the pond or after cleaning an algae infested pond Safe for fish and plants if used at recommended dosage rates	Initially use 10ml per 250 litres of pond water Mix with pond water in a clean container free of herbicides and pesticides Sprinkle mixture over the surface of the pond Retreat after 7 days if necessary at the rate of 1ml per 50 litres of water Remove heavy algae growths before treatment Ensure pumps and filtration are running and that the pond is well aerated during treatment



Barcode	CP Ref No.	Description	RRP
9331552000240	WT32408	Pondclean 500ml (Algaecide – Treats 12,500 lts) Kills Free floating Algae safe for fish & Aquatic Plants	\$32.50
	WT11989	Pondclean 2.0L (Algaecide – Treats 62,500 lts) Kills Free floating Algae safe for fish & Aquatic Plants	\$139.95

Always read the label, product information and Material Safety Data Sheet (MSDS) before using any chemical product!

WATER TREATMENTS - (see table page 48)



CLEARPOND. Versatile and Affordable

WATER TREATMENTS

Clearpond Rock & Waterfall Cleaner

Quantity	Coverage	Benefits	Instructions
2lb/0.9 kg	55 - 75 sq m	<p>Quickly and effectively cleans rocks, waterfalls, pondless features, stauea, plant pots, etc</p> <p>Powdered formula brings powewrful oxygen based cleaning to large ponds or lakes as well as smaller fish ponds, water gardens and aqauriums.</p> <p>Great for use with fish, birds, pets and wildlife</p> <p>Lifts debris to the pond surface where it can be removed by net or skimmer</p>	<p>Initially use 25gm per 3 sqm - Remove heavy algae growths before treatment</p> <p>For Spot cleaning waterfalls and ponds</p> <p>Turn off the waterfall pump and apply a light layer of powder to the problem area.</p> <p>Let stand while the cleaner is working (usually 10-15 sec) the turn the pump back on.</p> <p>For treating underwater rocks, pond sides, ledges, fountains and statuary</p> <p>Apply a light layer and measure the results</p> <p>Apply a second layer as needed to complete the coverage desired..</p> <p>Avoid contact with plant leaves; may cause spikes in ph levels - keep out of reach of children</p>



Barcode	CP Ref No.	Description	RRP
	WT22572	Rock & Waterfall Cleaner 2lb/0.907 kg - Algaecide – Treats 55-75 sqm Kills Algae - effective oxygen based cleaner - easy to use	\$59.95

Clearpond Pond Start

Quantity	Coverage	Benefits	Instructions
500ml	5,000 litres of pond water	<p>Water conditioner for ponds</p> <p>Conditions tap water by removing chlorine and chloramines</p> <p>Detoxifies heavy metals such as zinc and copper</p> <p>Introduces colloids to supplement the natural protective slime coating of fish and protect against infections</p> <p>Safe for fish and plants if used at recommended dosage rates</p>	<p>Use 10ml per 100 litres of pond water</p> <p>Add required dosage to the pond before adding tap water when setting up a pond</p> <p>For use when doing water changes mix with pond water in a clean container free of herbicides and pesticides</p> <p>Sprinkle mixture over the surface of the pond</p> <p>Fish may be introduced immediately after filling pond</p> <p>Use when setting up a pond or when doing water changes</p>



Barcode	CP Ref No.	Description	RRP
9331552002664	WT29774	Clearpond – Pondstart 500ml – Removes chlorine & chloramines for the establishment of new ponds & aquariums	\$32.50

Always read the label, product information and Material Safety Data Sheet (MSDS) before using any chemical product!

WATER TREATMENTS - (see table page 48)



CLEARPOND *Versatile and Affordable*

Clearpond Crystal Lagoon

Quantity	Coverage	Benefits	Instructions
500ml	5,000 litres of pond water	<p>Aids in filtration</p> <p>Flocculates fine and unfilterable particles</p> <p>Clears green water algae</p> <p>Safe for fish and plants if used at recommended dosage rates</p>	<p>Use 1ml per 10 litres of pond water</p> <p>Mix with pond water in a clean container free of herbicides and pesticides</p> <p>Sprinkle mixture over the surface of the pond</p> <p>Siphon or net off precipitate</p> <p>Retreat after 48 hours if needed</p> <p>Ensure pumps and filtration are running and that the pond is well aerated during treatment</p> <p>In heavily algae infested ponds we recommend to use Clearpond Pondzyme as it contains highly concentrated, selected natural bacteria which use organic waste as food, this helps reduce the build up of sludge and nutrients that algae uses to grow</p>



Barcode	CP Ref No.	Description	RRP
9331552002657	WT32826	Clearpond – Crystal Lagoon 500ml – Clears cloudy water for a crystal clear pond or aquarium. Best used in conjunction with a biological filter	\$32.50

Always read the label, product information and Material Safety Data Sheet (MSDS) before using any chemical product!

Clearpond Pondzyme & Pondzyme + Concentrate

Quantity	Coverage	Benefits	Instructions
500ml	<p>(Weekly maintenance rate except for winter)</p> <p>Use 15ml for ponds up to 200L</p> <p>Use 25ml for ponds between 201 – 400L</p> <p>Use 50ml for ponds between 401-1000 L</p> <p>Use 100ml for ponds between 1001–2000L</p> <p>Ponds 2,000 – 10,000 litres use an initial dose of 1 litre then 500ml per month.</p> <p>Concentrate-10ml/ 1000l of water.</p> <p>Note - The concentrated formula requires high oxygen levels to ensure safe use in ponds with fish.</p>	<p>Contains highly concentrated, selected natural bacteria which use organic waste as food, this helps reduce the build up of sludge and nutrients that algae uses to grow</p> <p>Results in cleaner and clearer water.</p> <p>Reduces sludge, algae, debris and therefore pond maintenance</p> <p>Safe for fish and plants if used at recommended dosage rates</p>	<p>Initially dose the pond at twice the weekly maintenance rate</p> <p>Shake bottle well before use</p> <p>Mix with pond water in a clean container free of herbicides and pesticides</p> <p>Sprinkle mixture over the surface of the pond</p> <p>For best results the pond water temperature should be above 15 degrees Celsius and have a pH above 6.5</p> <p>Discontinue use in winter when the pond temperature is below 15 degrees Celsius</p>



Barcode	CP Ref No.	Description	RRP
9331552002619	WT32832	Clearpond – Pondzyme 500ml Special Enzyme based formula that removes harmful sludge from the bottom of ponds.	\$44.50
	WT29666	Clearpond – Pondzyme + Concentrate 500ml treats up to 50,000l. The concentrated formula is 10 times the strength of regular pondzyme. Developed for large ponds and lakes	\$99.95
	WT29667	Clearpond – Pondzyme + Concentrate 2L treats up to 200,000l. The concentrated formula is 10 times the strength of regular pondzyme. Developed for large ponds and lakes.	\$239.95

WATER TREATMENTS - (see table page 48)



CLEARPOND. Versatile and Affordable

WATER TREATMENTS

Clearpond Bio-Starter

Quantity	Coverage	Benefits	Instructions
500ml	<p>(Weekly maintenance rate except for winter)</p> <p>Use 15ml for ponds up to 200 litres</p> <p>Use 25ml for ponds between 201 – 400 litres</p> <p>Use 50ml for ponds between 401 – 1000 litres</p> <p>Use 100ml for ponds between 1001 – 2000 litres</p> <p>For ponds from 2,000 – 10,000 litres use at an initial dose of 1 litre then 500ml per month</p>	<p>Contains highly concentrated, selected natural bacteria responsible for stabilizing and maintaining the biological activity necessary to clean freshwater ponds naturally</p> <p>Eliminates the build up of ammonia and nitrite</p> <p>Helps reduce the formation of algae naturally by competing for nutrients used by algae for their growth</p>	<p>Initially dose the pond at twice the weekly maintenance rate</p> <p>Shake bottle well before use</p> <p>Mix with pond water (do not use tap water) in a clean container free of herbicides and pesticides</p> <p>Sprinkle mixture over the surface of the pond</p> <p>For best results the pond water temperature should be above 15 degrees Celsius</p> <p>Use during initial pond setup or when cleaning filters or increasing fish stocks</p>



Barcode	CP Ref No.	Description	RRP
9331552002633	WT32825	Clearpond – Biostarter 500ml – Liquid beneficial bacteria for the fast start up of new or a boost to existing biological filters.	\$44.50

Clearpond pH Down

Quantity	Coverage	Benefits	Instructions
<p>500 grams</p> <p>1 kilogram</p> <p>2 kilogram</p>	<p>1 tablespoon per 100 litres of pond water (check pH regularly when using)</p>	<p>Decreases the pH (acidity) of the pond</p> <p>Proper and regular testing and adjustment of pond water pH is essential for fish health, disease resistance, good fish colour and successful fish breeding</p>	<p>Mix a measured quantity of pH Down with pond water in a clean container free of herbicides and pesticides</p> <p>Sprinkle mixture over the surface of the pond</p> <p>Check pH regularly whilst adding pH Down</p> <p>The amount of pH Down needed is dependant on the chemical composition of water and will vary from area to area</p> <p>Accurate levels of pH can be obtained by testing the pond water with a Clearpond pH test kit</p> <p>Changes to the pH of the water should be made slowly – small changes (less than 0.5 units) over a few days, large changes over a week</p>



Barcode	CP Ref No.	Description	RRP
9331552002626	WT32828	Clearpond – pH Down 500g – Fish friendly Ph reducer for garden ponds & aquariums(WT30729 ph down 1kg \$59.95)	\$44.50
	WT30731	Clearpond – pH Up 1000g – Fish friendly Ph increaser for garden ponds & aquariums	\$32.50

Always read the label, product information and Material Safety Data Sheet (MSDS) before using any chemical product!

WATER TREATMENTS - (see table page 48)



CLEARPOND. Versatile and Affordable

WATER TREATMENTS

Clearpond Feature Clean

Quantity	Coverage	Benefits	Instructions
500ml 2.5 litre	2,000 litres of pond water Not suitable for use in ponds containing fish 10,000 litres of water	Helps keep water features free from green water algae and staining Use 10ml per 40 litres of pond water	Mix with pond water in a clean container free of herbicides and pesticides. Sprinkle mixture over the surface of the pond. Retreat every 2 weeks during summer or when the water is changed Treatment during winter should be done monthly Remove heavy algae growths before treatment Ensure pumps and filtration are running and that the pond is well aerated during treatment



Barcode	CP Ref No.	Description	RRP
9331552002640	WT29773	Clearpond – Feature Clean 500ml – Specially formulated treatment for the control of algae & string algae on water features. Not to be used in ponds with fish or aquatic plants	\$32.50
	WT11988	Clearpond – Feature Clean 2.0L – Specially formulated treatment for the control of algae & string algae on water features. Not to be used in ponds with fish or aquatic plants	\$139.95

Always read the label, product information and Material Safety Data Sheet (MSDS) before using any chemical product!

WATER TREATMENTS

Barcode	CP Ref No.	Description	RRP
	WT32827	Pond Tabs (Block of 4)	\$16.95
	WT32408 & WT11987	Pondclean 500ml & 2.0L	\$32.50 & \$139.95
	WT29774	Pondstart 500ml	\$32.50
	WT22572	Rock and Waterfall Cleaner 2lb/0.907kg	\$59.95
	WT32826	Crystal Lagoon 500ml	\$32.50
	WT32832	Pondzyme 500ml	\$44.50
	WT29666	Pondzyme + Concentrate 500ml Treats up to 50,000L.	\$99.95
	WT29667	Pondzyme + Concentrate 2L Treats up to 200,000L.	\$239.95
	WT32825	Biostarter 500ml	\$44.50
	WT32828 & WT30731	PH Down 500g & PH Up 1kg	\$44.50 & \$32.50
	WT29773 & WT11988	Feature Clean 500ml & 2.0L	\$32.50 & \$139.95

WATER FEATURES

Decorus Fibra Water Features



Malibu Water Feature
Granite Grey
45 x 45 x 59
Part: WF34730 \$449.95



Modaan Water Feature
Granite Grey
32 x 32 x 88
Part: WF34734 \$449.95



Celeste Water Feature
Granite Grey
35 x 35 x 103
Part: WF34736 \$449.95

CP Ref	Description	Size cm	RRP
WF34730	Malibu Water Feature - Granite Grey	45 x 45 x 59	\$449.95
WF34734	Modaan Water Feature - Granite Grey	32 x 32 x 88	\$449.95
WF34736	Celeste Water Feature - Granite Grey	35 x 35 x 103	\$449.95

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SUBMERSIBLE PUMPS - COMMERCIAL

Fountain and Water Feature Pumps - designed to push water vertically



German Precision & Reliability

NEW MODELS 30-40% LESS
POWER CONSUMPTION

AQUARIUS UNIVERSAL (Profinaut) - commercial fountain pumps

The Aquarius Universal fountain pumps comprise the beginning of the OASE Profinaut. These power packs herald a totally new fountain experience in the water garden. The pumps are exceptionally high powered and have a robust stainless steel design. Available in 3 capacity variants, these pumps are suitable for impressive fountains in private gardens or in public installations. Pumps come with a 5 year guarantee.



Barcode	Oase Part No	CP Ref No.	Description	RRP
4010052568713	56871	SP33364 (old model)	Aquarius Uni (Profinaut) 27 – 27,000 lph, 10.0m max. head, 645 watts, 10m cable	\$3199.95
4010052424057	42405	SP12241 new	Aquarius Eco Expert 22000 lph, 9.6m max head, 350 watts, 10m cable	\$2945.00
4010052424040	42404	SP12242 new	Aquarius Eco Expert 28000 lph, 10m max head, 440 watts, 10m cable	\$3459.00
4010052546124	54612	SP12398 new	Aquarius Eco Expert 36000 lph, 10.2m max head, 550 watts, 10m cable	\$4295.00
4010052546131	54613	SP12399 new	Aquarius Eco Expert 44000 lph, 10.5m max head, 700 watts, 10m cable	\$4495.00

OASE AQUARIUS UNIVERSAL (Profinaut) - pump curves see page 39-41

Waterwall and Projecting Waterwall Pumps	Max. Head Height (m)	Outlet Size (inch)	Cable Length(m)	Power Consumption (Watt)	Litres per Minute max.	Litres per Hour max.	Suitable for Dry Install (below water surface Level)	Synchronous Motor (only mechanical regulation)	Asynchronous motor (electronically adjustable)	Dimensions (mm) L x W x H	Weight (kg)	Guarantee (years)
Model												
21000(old)	9.6	2	10	470	363	21800	✓			420 x 220 x 266	14.2	3 + 2 = 5
27000(old)	10.0	2	10	645	450	27000	✓		✓	420 x 220 x 266	14.2	
40000(old)	11.0	2	10	1000	667	40000	✓		✓	460 x 234 x 295	19.7	
22000	9.6	2	10	350	367	22000	✓		✓	490 x 215 x 235	12.2	
28000	10.0	2	10	440	467	28000	✓		✓	490 x 215 x 235	12.20	
36000	10.2	2	10	550	600	36000	✓		✓	540 x 225 x 250	14.90	
44000	10.5	2	10	700	733	44000	✓		✓	540 x 225 x 250	14.90	

- Ergonomic handle, aligned with pump's centre of gravity, facilitates easy transport and installation
- Compact, innovative stainless steel design
- Suitable submersed or dry-installed below water level
- Includes adapter set for connecting a 1" and 1 1/2" OASE nozzles

SUBMERSIBLE PUMPS - COMMERCIAL

Watercourse and Filter Reticulation Pumps - high flow at low pressure



German Precision & Reliability

**NEW MODELS 30-40% LESS
POWER CONSUMPTION**

AQUAMAX EXPERT (PROFIMAX) - large flow filtration and watercourse pumps

These top class filtration and watercourse pumps get a large amount of water moving. For designing impressive watercourses and waterfalls, exclusive garden landscapes or for powerful displacement of pond water to the filtration system. The 3 pumps in the Aquamax Expert range will handle coarse debris particles of up to 8mm in size. Pumps come with a 5 year guarantee.



Barcode	Oase Part No	CP Ref No.	Description	RRP
4010052568744	56874	SP33367 (old models)	Aquamax Expert (Profimax) 30,000 – 30,000 lph, 8.5m max. head, 650 watts. 10m cable	\$3299.95
4010052568751	56875	SP33368 (old models)	Aquamax Expert (Profimax) 40,000 – 41,000 lph, 10m max. head, 1100 watts. 10m cable	\$4299.95
4010052399164	39916	SP11746 new	AquaMax Eco Expert 21,000 lph, 8m max. head, 350 watts. 10m cable	\$2799.95
4010052399171	39917	SP11747 new	AquaMax Eco Expert 26,000 lph, 8m max. head, 440 watts. 10m cable	\$2995.95
4010052546148	54614	SP12400 new	AquaMax Eco Expert 36,000 lph, 9m max. head, 540 watts. 10m cable	\$4299.95
4010052546155	54615	SP12401 new	AquaMax Eco Expert 44,000 lph, 9.5 max. head, 700 watts. 10m cable	\$4799.95
4010052399188	39918	SP11610	OASE Aquamax Eco Titanium 50,000 - 48,000 lph, 4m max.head, 320w. 10m cable	\$4499.95

OASE AQUAMAX EXPERT (PROFIMAX) - pump curves see page 33-36

- Pumps coarse debris up to 8mm in size
- Outstanding water displacement between 20000 and 41000 litres per hour
- Maximum stability
- Ergonomic handle aligned with pumps centre of gravity
- Suitable submerGed or dry-installed below water surface level
- Robust stainless steel basket



OASE EXPERT PUMP CONTROL

- Designed for connecting to the OASE QuaMax Eco Expert and OASE Aquarius ECO Expert filter and fountain pumps.
- Allows electronic adjustment of the pumped water flow.
- Provides visual feedback on how the pump is performing and reports potential malfunctions.
- Weatherproof and is supplied with 10 metres (33 feet) of special DMX-RDM cable which features an IP68 rated terminal for underwater connection to the Expert ECO pump.
- The digital display is powered and illuminated by the pump itself, so there is no extra requirement for electrical connection to power the controller.

Ideal for larger ponds with filter systems, as less flow is required during the winter months than in the summer, saving on energy consumption. Flow adjustment is also very effective on larger waterfalls, streams and fountains, allowing the user to adjust the water display to suit their mood.

SUBMERSIBLE PUMPS - COMMERCIAL

Watercourse and Filter Reticulation Pumps - high flow at low pressure



German Precision & Reliability



AQUAMAX PROMAX ECO TWIN - Truly thrifty - low running costs

	50710	SP31821	Aquamax Promax 30,000 – Dual pumps individually adjustable by remote control 27,000 lph, 5.2m max. head, 198 watts. 10m cable	\$2299.95
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AQUAMAX ECO PREMIUM - Low voltage

Unique to OASE. A low voltage Aquamax version ideally suited to swimponds and fish ponds.



Barcode	OASE Part No	CP Ref No.	Description	RRP inc GST
401052503042	57363	SP21746	OASE Aquamax Premium 6000 Low Voltage - (12 V) 6000lph 3.2m max head. 10m cable	\$1289.95
4010052573588	50382	SP32310	Aquamax Premium 12000 Low Voltage - (12 V) 11400lph 3.2m max head. 10m cable	\$1899.95
4010052553139	55313	SP12402	AquaMax Eco Expert 20000 Low Voltage - (12 V) 19300lph 4.6 max head. 8m cable	POA

AQUAMAX DRY - designed for dry installation

Especially for dry installation below the water level



Barcode	OASE Part No	CP Ref No.	Description	RRP inc GST
4010052500683	50068	SP22313 COMM	OASE Aquamax 14000 Dry - 13500lph. 5.0m max head. 230 watts power consumption. 10m cable - Commercial	\$1799.95

OASE AQUAMAX EXPERT (PROFIMAX) - pump curves see page 33-36

Waterwall and Projecting Waterwall Pumps	Max. Head Height (m)	Outlet Size (inch)	Cable Length(m)	Power Consumption (Watt)	Litres per Minute max.	Litres per Hour max.	Suitable for Dry Install (below water surface Level)	Synchronous Motor (only mechanical regulation)	Asynchronous motor (electronically adjustable)	Dimensions (mm) L x W x H	Weight (grams)	Guarantee (years)
Model												
21000	8	2	10	350	350	21000	✓		✓	490 x 215 x 210	12	3 + 2 = 5
30000	8.5	2	10	650	500	30000	✓		✓	420 x 240 x 260	13.9	
40000	10	2	10	1100	683	41000	✓		✓	461 x 258 x 293	19.2	

OASE AQUAMAX DRY & AQUAMAX ECO PREMIUM 12Volt

DRY 14000	5	1.5	10	230	225	13500	✓		✓	210 x 150 x 170	5	3 + 2 = 5
ECO 6000 12v	3.2	2	2.5+8	55	100	6000	✓		✓	340 x 280 x 165	8.7	
ECO 12000 12v	3.2	2	2.5+8	100	190	11400	✓		✓	340 x 280 x 165	10.6	

Please note that OASE Commercial & Solar Products have a different discount structure to OASE's Home & Garden Range

FOUNTAIN NOZZLES

Fountain Nozzles - Commercial



Fountain Technology: Fountain Heads & Fountain Rings



Barcode	Oase Part No	CP Ref No.	Description	RRP
4010052509570	50957	32805	OASE Comet nozzle 3 -3T	*POA
4010052509587	50958	32806	OASE Comet nozzle 3 – 4T	*POA
4010052509594	50959	32807	OASE Comet nozzle 3 – 5T	*POA
4010052509600	50960	32808	OASE Comet nozzle 3 – 6T	*POA
4010052509648	50964	32809	OASE Comet nozzle 5 -8T	*POA
4010052509655	50965	32164	OASE Comet nozzle 5 -10T	*POA
4010052508849	50884	31868	OASE lava 25-5E	*POA
	50986	30014	OASE Schaumsprudler 55-15E (Stainless)	*POA
4010052509501	50950	31884	OASE Vulkan 43-3T	*POA
		20123	CP Rocket Floating fountain head with 40cm float with rocket nozzle pattern (Pump not included)	\$695.00
		20122	CP Tulip Floating fountain head with 40cm float with tuli nozzle pattern (Pump not included)	\$495.00



Lava



Vulkan



Schuamsprudler



Comet



CP Rocket



CP Tulip

Clearpond Fountain Head Performance Chart			
Model	Spray Pattern (metres)	L/min	Metres Head
Rocket Nozzle	1.82 H x 0.91 D	151.48	3.05
	2.43 H x 0.91 D	170.34	3.96
	3.05 H x 0.91 D	193.05	4.57
	3.65 H x 0.91 D	208.20	4.87
	4.27 H x 0.91 D	230.91	6.09
	4.87 H x 0.91 D	246.05	7.01
Wide Tulip	1.22 H x 4.57 D	234.70	3.35
	1.83 H x 6.09 D	291.48	4.27
	2.44 H x 7.31 D	310.40	5.79
"Metres of head" column is the amount of pressure the nozzle requires. Select a pump that will deliver l/min @ metres of head shown.			

*** Prices for all Fountain Technology and Swim Pond products are indicative and are subject to confirmation at time of order due to exchange rate and freight fluctuations**

COMMERCIAL WATER FILTRATION UV

OASE Bitron Commercial UV



German Precision & Reliability

BITRON C - water flow powered cleaning rotor keeps the quartz glass clean

The Bitron C UVC clarifier range has been specially developed for garden ponds and is packed with technology and innovation. Automatic cleaning for the Bitron C series means that a cleaning rotor is continuously activated by the water flow around the quartz tube. Unique combination of UVC light and permanent magnet prevents the calcification of important pump and filter parts. All clarifiers have an integrated cleaning system and indicator light or inspection window. All UVCs have a cable length of 5 metres and come with a 2 year **guarantee (excluding lamp and o'rings)**.



Barcode	Oase Part No.	CP Ref No.	Ultra Violet Lights	RRP
4010052566207	56620	FU33063 COMM	Bitron 24C – 24w maximum flow through without bypass 3,500 lph maximum pump performance 15,000 lph. 5m cable	\$1099.95
4010052563688	56368	FU33195 COMM	Bitron 36C – 36w maximum flow through without bypass 4,500lph maximum pump performance 30,000lph. 5m cable	\$1299.95
4010052566245	56624	FU33064 COMM	Bitron 55C – 55w maximum flow through without bypass 6,500lph maximum pump performance 30,000lph. 5m cable	\$1499.95
4010052569017	56901	FU33375 COMM	Bitron 72C – 72w maximum flow through without bypass 9,000lph maximum pump performance 40,000lph. 5m cable	\$1699.95
4010052569024	56902	FU33374 COMM	Bitron 110C – 110w maximum flow through without bypass 12,000lph maximum pump performance 40,000lph. 5m cable	\$2299.95

UVC GLOBE / LAMP CHART

	Bitron C 9 W	Bitron C 11 W	Bitron 15	Bitron C 18 W	Bitron C 24 W	Bitron 25	Bitron C 36 W	Bitron C 55 W	Bitron C 72 W	Bitron C 110 W	Filtoclear 3000	Filtoclear 6000	Filtoclear 11000	Filtoclear 15000	Filtoclear 12000	Filtoclear 16000	Filtoclear 20000	Filtoclear 30000	Filtral UVC 2500	Filtral UVC 5000	Biopress 4000	Biopress 6000	Biopress 10000	Biosmart UVC 8000	Biosmart UVC 16000
7 Watt																			v		v				
9 Watt	v										v										v			v	
11 Watt		v										v	v	v							v				v
15 Watt			v																						
18 Watt				v											v										
24 Watt					v											v									
25 Watt						v																			
36 Watt							v		v v								v								
55 Watt								v		v v								v							

FILTRATION - COMMERCIAL & SWIMPOND

Commercial Filters - flow through multi chamber with screen options

OASE BIOTEC FILTERS - for optimum biological control

Flow-through and multi-chamber filters that filter pollutants out of the pond water not just mechanically, but primarily through biological processes. The colonisation of special micro-organisms is a proven method for breaking down harmful substances. Scientifically developed and tested, when used in continuous implementation, ensures crystal clear water.



Barcode	Oase Part No	CP Ref No.	Description	RRP
4010052566412	56641	FU33066 (H&G)	Biosmart 36,000 Filter (formally Biotec 10.1) – suitable for a pond with fish of up to 18,000 litres – suitable for a decorative pond of up to 36,000 litres	\$1099.95
4010052571270	57127	FU39827 COMM	Biotec 40,000 (12)Screenmatic Flow through Filter – suitable with fish of up to 20,000 litres – suitable for a decorative pond of up to 40,000 litres	\$2299.95
4010052571287	57128	FU39828 COMM	Biotec 60,000 (18) Screenmatic flow through filter – suitable with fish of up to 30,000 litres – suitable for a decorative pond of up to 60,000 litres	\$2999.95
4010052554211	55421	FU31891 COMM	Biotec 30 Flow Through Filter – suitable for a pond with fish of up to 60,000 litres – suitable for a decorative pond of up to 120,000 litres	\$P.O.A.
4010052571294	57129	FU39829 COMM	Biotec 140,000 Screenmatic (36) Screenmatic Filter – suitable for a pond with fish of up to 70,000 litres – suitable for a decorative pond of up to 140,000 litres	\$P.O.A.

OASE BIOTEC 12, 18, 36 SCREENMATICS, AND BIOTEC 10.1, 30

Model	No. of Filter Foams Blue	No. of Filter Foams Red	Max. Flowrate (l/hr)	Inlet Hose Adapter (inch)	Outlet	Dimensions L x W x H (mm)	Filtration Capacity			Guarantee (years)
							No Fish	Goldfish	Koi	
Biosmart 36	4	4	8000	2 x 1" - 1 1/2"	DN 70	770 x 555 x 405	36000	18000	9000	3
Biotec 30	10	4	23000	2 x 1" - 1 1/2"	DN 100	1200 x 800 x 730	120000	60000	30000	
ScrnMatic 40k	8	8	12000	2 x 1" - 1 1/2"	DN 70	788 x 590 x 445	40000	20000	10000	
ScrnMatic 60k	8	8	12000	2 x 1" - 1 1/2"	DN 70	788x 590 x 545	60000	30000	15000	
ScrnMatic 140k	18	18	23000	2 x 1" - 1 1/2"	DN 100	1200 x 800 x 760	140000	70000	35000	

- Quick and easy to clean foams.
- Multi-stage filtration materials.
- Easy to remove waste via sludge drain.
- Biotec 10.1 connects to Bitron 18C to 110C.
- Biotec 12 Screenmatic connects to Bitron 36C to 110C.
- Biotec 18 Screenmatic connects to Bitron 36C to 110C.
- Biotec 36 Screenmatic connects to Bitron 36C to 110C.
- Biotec 30 Screenex connects to Bitron 36C to 110C.
- Outer containers and lids are made from impact and UV resistant plastic.
- Biotec 12, 18 and 36 Screenmatic models come with a motor to rotate the filter screen to keep it clear of coarse debris.
- Biotec 12, 18 and 36 Screenmatics can be buried up to 2/3 of its height.

FILTRATION - COMMERCIAL & SWIMPOND

Swim Pond Filters - flow through multi chamber with screen options



German Precision & Reliability

PROFICLEAR FILTRATION

Barcode	Oase Part No	CP Ref No.	Description	RRP
4010052571348	57134	FU29837	Profiskim 100 – Large diameter skimmer with max. 12,000 lph skimming capacity	*POA
4010052568973	56897	FU29990	Proficlear Module 1 - Pump chamber	*POA
4010052371085	37108	FU29991	Proficlear Module 2 - Coarse debris extractor	*POA
4010052371078	37107	FU29992	Proficlear Module 3 - Filter foam module	*POA
4010052371443	37144	FU29993	Proficlear Module 4 - Bioball filter module	POA
4010052371092	37109	FU29994	Proficlear Module 5 - Phosphate adsorption module	*POA

*** Prices for all Fountain Technology and Swim Pond products are indicative and are subject to confirmation at time of order due to exchange rate and freight fluctuations**



PROFICLEAR MODULE



PROFICLEAR MODULE



PROFISKIM 100

WATER ENTERTAINMENT & LARGE FOUNTAINS

Pondjet Floating Fountain



German Precision & Reliability

PONDJET FLOATING FOUNTAIN - make your pond into a water park, truly spectacular



Barcode	Oase Part No	CP Ref No.	Description	RRP
4010052537771		SP11608	Pond Jet Eco - 10,800lph, 8.5m max. head, 190 watts	\$POA
4010052543273	54327	LM31942	Lighting Set for Pond Jet - 3 x Lunaqua 10/ 50w, 1x UST 150 / 20m cable	\$POA

OASE PONDJET FLOATING FOUNTAIN

Model	Max. Head Height (m)	Outlet Size (inch)	Cable Length (m)	Power Consumption (Watt)	Litres per Hour max.	Asynchronous motor (electronically adjustable)	Dimensions (mm)	Weight (grams)	Guarantee (years)
PondJet	7.7	1"	20	270	12000	✓	670 x 540	9000	3

- Ideal for lakes and dams
- Ready to connect complete fountain unit (pump, float body and nozzle)
- Clearly structured fountain height and diameter of 3m each
- Min. water level with clear water: 1m, with dirty pond base: 1.5m
- Additional nozzle effects and lighting sets available as accessories



Fountain Attachments

With 1" thread for attachment to PondJet's multi-function nozzle.

Vulkan 37-2,5 K H: 400cm

OASE COMMERCIAL LIGHTING



Barcode	Oase Part No	CP Ref No.	Description	RRP
4010052540412	50401	LM31927	Underwater transformer UST150 – suits Lunaqua 10	\$349.95
4010052540344	56167	LM31931	OASE Lunaqua 10 light 12v - 35w, 50w & 75w lamps sold separately	\$299.95
4010052540351	54035	LM31947	OASE lamp for Lunaqua 10 – 12v / 35w	\$9.95
4010052540368	54036	LM31948	OASE lamp for Lunaqua 10 – 12v / 50w	\$9.95
4010052540375	54037	LM31946	OASE lamp for Lunaqua 10 – 12v / 75w	\$9.95

WATER ENTERTAINMENT & LARGE FOUNTAINS




Fountain Sets and Water Jets



German Precision & Reliability

WATER ENTERTAINMENT - make your garden, patio or indoor atrium come alive

With the new Water Entertainment category we have developed a product range that sets new standards in the terrace and water garden area. It is now possible to enjoy dynamic water effects, even where there is little space. Impressive water-light effects are perfectly integrated in individual design concepts. Our "PLUG n SPRAY" principle enables easy handling, installation and maintenance.

	Barcode	Oase Part No	CP Ref No.	Description	RRP
	4010052502144	50214	WE22304	OASE Water Starlet - Floating or on ground 12V fountain set. Inc transformer, cable, with 5 adjustable nozzles each with white L.E.D light. Permanent program loop with an appealing combination of water patterns. Max fountain height 70cm	\$599.95
	4010052503943	50394	WE22168	OASE Quintet Creative – height adjustable unique dynamic water effects with 5 pumps and nozzles, the nozzles can be placed in any configuration to suit the site and customers requirements. 8m cable	\$1999.95
	4010052501918	50191	WE22307	OASE Water Jet Lightning - The little brother of the Jumping Jet Rainbow Star in a twin set. 8mm Jets. Integrated colour changing or fixed L.E.D lights. 2x8m cables, pump, External controller, transformer, 6m hose. Different permanently set programs can be selected via remote control. These programs vary in jet length and white or colour changing light. The Plug'n'Spray concept enables immediate operation in this energy efficient, low maintenance, high quality set.	\$1999.95



WATER STARLET



QUINTET CREATIVE



JET LIGHTNING

“ Fish need oxygen, as do bacteria. The more oxygen supplied to your water, the faster it will balance out and easier it will be to maintain.”

WATER ENTERTAINMENT & LARGE FOUNTAINS

Rainbow Star Jumping Jets



German Precision & Reliability

OASE RAINBOW STAR JUMPING JETS - multi coloured 12mm water jets appear to fly through the air

An all time favourite water effect, now at a more affordable price. The extremely precise water jet, becomes a skillfully staged effect using the permanently programmed combinations of light & Jet strength. Single water - light elements appear to fly through the air.

Barcode	Oase Part No	CP Ref No.	Description	RRP
4010052500522	50052	WE22527	Rainbow Star Set – includes 1 rainbow star jumping jet, 1 x 12v Master control box & remote control, Hose, Clamps & Control Cable.	*\$POA
4010052500539	50053	WE22525	Rainbow Star Extension Set – includes 1 rainbow star jumping jet, 5m Hose, Control Cable, 12v power cable, "y" Distributor..	*\$POA

Note: Aquarius Universal 6000 pump to run Rainbow Star set to be ordered seperately



* Prices for all Fountain Technology and Swim Pond products are indicative and are subject to confirmation at time of order due to exchange rate and freight fluctuations

LAKE MANAGEMENT

Lake Fountains and Lake Management

OTTERBINE - LAKE MANAGEMENT



Otterbine Part No.	CP Ref No.	Description	Inc. Gst
040012220	22576	Otterbine Fractional Series Aerator 1/2HP / No Power Control Centre. Excludes Factory cable	\$4195.00
040013220	22577	Otterbine Fractional Series Aerator Deluxe 1/2HP / No Power Control Centre. Standard Quick Disconnect on Unit. Excludes Factory cable	\$POA
	22581	Otterbine Fractional Series Aerator Deluxe 1HP / No Power Control Centre. Standard Quick Disconnect on Unit. Excludes Factory cable	\$POA

Fractional Series Aerators come with 5 interchangeable configurations. 4 spray patterns including High volume, Gemini, Phoenix & Rocket plus Horizontal Mixer, a Debris Screen & a 2 year warranty are also included.

Otterbine Part No.	CP Ref No.	Description	Inc. GST
010191215	22578	I A Unit 1HP 220/1/50 No PCC	\$POA
010192215	22579	I A Unit 2HP 220/1/50 No PCC	\$POA
010193215	22580	I A Unit 3HP 220/1/50 No PCC	\$POA
010193335	22642	I A Unit 3HP 415/3/50 No PCC	\$POA
010195435	22643	I A Unit 5HP 415/3/50 No PCC	\$POA
18006150	22649	I A High Volume 50Hz	\$POA
18006250	22950	I Sub - Triton ASP 50Hz	\$POA
18006350	22651	I A Triton ASP 50Hz	\$POA
	20742	I A Triton Mixer ASP 50Hz (Not available in 5HP)	\$POA
18006450	22652	I A Sub-Trit Mix 50Hz (Not available in 5HP)	\$POA



* Contact us to discuss the full range of Otterbine products and services available

LAKE MANAGEMENT

Lake Fountains and Lake Management



German Precision & Reliability

AIR FLOW - LAKE MANAGEMENT

Air Flo L.M sets standards in the areas of lake aeration and decoration. The axial propellor technology ensures impressive and unequalled water flow rates of upto 295,000lph - for an optimal supply of oxygen to the lake. The 3 decorative, voluminous water patterns can be easily changed. Wholly in keeping with OASE's "Plug & Spray" principle, the Air Flo L.M is particularly easy to install; thanks to bayonet technology the formed float can be placed easily on the motor housing and screwed into place. It is also possible to add up to 9 lights thanks to an innovative stainless steel connector system.



Barcode	Oase Part No	CP Ref No.	Description	Inc. Gst
4010052501833	50188	LM22416	Oase Air Flow Illumination Set	*\$POA
4010052501888	50183	LM22417	Oase Air Flow 1.5 kw 230v	*\$POA
4010052501857	50185	LM22418	Oase Air Flow 4.0 kw 400v	*\$POA



German Precision & Reliability

OASE LAKE MANAGEMENT PRODUCTS



Barcode	Oase Part No	CP Ref No.	Description	Inc. Gst
4010052574776	57477	LAKM29696	Phosless Lake Management. Eliminates phosphates, includes 6 combo packs, will treat up to 600,000 litres.	\$POA
4010052574783	57478	LAKM29695	Bitron 550 Lake Management. An integrated unit housing 10 x OASE Bitron 55 UVC's. Rated to up to 250,000 litres to control lake algae.	\$POA
4010052574790	57479	LAKM29694	Aqua Air 250 Lake Management. Floating Aeration Unit. Flowrate of 500 litres per minute, 30m cable, 5 year guarantee, includes anchorage set, suitable for lakes up to 250,000 litres.	\$POA
4010052574806	57480	LAKM29693	Skimmer Lake Management. Suitable for lakes up to 250,000 litres, strainer surface 4500cm2, includes 15,000 litres per hour pump.	\$POA

*** Prices for all Fountain Technology and Swim Pond products are indicative and are subject to confirmation at time of order due to exchange rate and freight fluctuations**

LAKE MANAGEMENT

Lake Fountains and Lake Management

CLEARPOND ROCKING PISTON COMPRESSORS

Oil-less rocking piston compressors are a great choice for continuous operation applications due to their high pressure capability but low RPM's. This allows them to run cooler, use less electricity and run quieter. All welded aluminium parts are treated for corrosion, protecting them from moisture. However for longer life we recommend the compressor is housed in a waterproof well ventilated chamber placed in the shade.



Barcode	CP Ref No.	Description	Inc. Gst
	21595	SUBAIR 100RP - Stratus ERP series Single Rocking piston compressor 1/4 HP, 3.5 cfm 230V. 6FT power cord.	\$POA
	21594	SUBAIR 150 RP - Stratus ERP series Single Rocking piston compressor 1/2HP, 5 cfm 230V. 6FT power cord.	\$POA
	21593	SUBAIR 210 RP - Stratus ERP series Single Rocking piston compressor 3/4HP, 7.4 cfm 230V. 6FT power cord.	\$POA

CLEARPOND ROCKING PISTON AERATION SYSTEMS

CP Ref No.	Description	RRP
LAKM21592	SUBAIR System 4000 Set 1; includes SUBAIR 100 RP Compressor, air outlet with pressure relief valve, 30.48m of 3/8" self weighted PVC hose, 1 x EPDM1 air diffuser assembly, fittings and clamps. (Suitable for lakes and dams upto 1000m ² to 2500m ² , 2.5 - 5m deep)	\$POA
LAKM21591	SUBAIR System 4000 Set 2; includes SUBAIR 100 RP Compressor, air outlet with pressure relief valve, 2 x EPDM1 air diffuser and brass valve assembly. Kit is priced without hose. (Suitable for lakes and dams upto 1500m ² to 4000m ² , 2.5 - 5m deep)	\$POA
LAKM21590	SUBAIR System 12000 Set; includes SUBAIR 150 RP Compressor, brass valve assembly with pressure relief valve, 3 x EPDM2 double air diffuser assemblies, fittings and clamps. Kit is priced without hose. (Suitable for lakes and dams upto 3000m ² to 12000m ² , 2.5 - 5m deep)	\$POA
LAKM21589	SUBAIR System 16000 Set; includes SUBAIR 210 RP Compressor, brass valve assembly with pressure relief valve, 4 x EPDM2 double air diffuser assemblies, fittings and clamps. Kit is priced without hose. (Suitable for lakes and dams upto 4000m ² to 16000m ² , 2.5 - 5m deep)	\$POA

Please note that for longer life we recommend the air compressor to be housed in a weatherproof & well ventilated chamber out of continuous direct sunlight.

CLEARPOND ROCKING PISTON AERATION SYSTEMS

Maximum Water Volume Circulation
Per Single EPDM Diffuser
2250 Litres per minute @ 4' Depth
4500 Litres per minute @ 8' Depth
7300 Litres per minute @ 12' Depth
8500 Litres per minute @ 16' Depth

Aerates Max Pond/Lake Size upto	SUBAIR 4000 Sets	SUBAIR 12000 Set	SUBAIR 16000 Set
2.5m Deep	1000m ²	3000m ²	4000m ²
3.5m Deep	2000m ²	6000m ²	8000m ²
5m Deep	4000m ²	12000m ²	16000m ²

Please note that the above table show absolute maximum performance pond sizes. For optimal performance a variety of other environmental factors including fish stocking densities, aquatic plant levels, sunlight, shape of lake etc will need to be taken into consideration. As a general guide, optimum performance will be approximately 1/2 to 2/3rds the surface area of the maximum size. This information is provided as a general guide and no guarantees of performance are offered or inferred.

*** Prices for all Fountain Technology and Swim Pond products are indicative and are subject to confirmation at time of order due to exchange rate and freight fluctuations**

LAKE MANAGEMENT

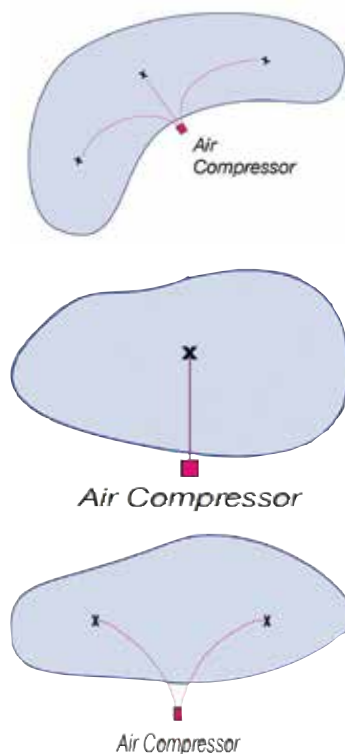
Lake Fountains and Lake Management

POND AERATION SYSTEMS

The amount of surface area an aeration system will effectively cover is greatly dependent on two factors - DEPTH and SHAPE. The diagram below shows how much surface area is effectively aerated at various depths:

Example our Rocking Piston pond aerator would aerate approximately 500m² if operated in 1.2 metres of water but if operated in 5 - 6 metres depth it will aerate up to 6000m² of surface area.

Ponds that are irregular or odd shaped will also reduce the size of the aeration area - call our technical assistance department for additional help.



Underwater air diffuser in action



Air Compressor

The deeper an air diffuser is located, the more boiling action it will create and a larger area will be aerated.

SUBAIR ROCKING PISTON COMPRESSORS - 1 YEAR GUARANTEE

Model	SUBAIR 100	SUBAIR 150	SUBAIR 210
Horse Power	0.25	0.50	0.75
Volt/Hz	230V/60Hz	230V/60Hz	230V/60Hz
Motor Type	4 Pole	4 Pole	4 Pole
Air Flow @ PSI	Litres per minute	Litres per minute	Litres per minute
0	100	146	211
5	88	133	203
10	85	130	192
15	82	125	190
20	78	117	180
25	74	112	178
30	71	109	170
35	68	102	165
40	64	95	165
45	60	90	153
50	57	86	142
Open Flow Amp(230)	1.14	1.9	2.75
Watt (output)	226w	433w	597w
Noise Level	62dB	63dB	68dB
Weight	6.80kg	8.39kg	11.52kg



LAKE MANAGEMENT

Lake Fountains and Lake Management

CLEARPOND WINDMILL AERATION SYSTEMS

These wind driven aerators replace electrical units. In a few short years these systems can pay for themselves in power savings. Ideal for aerating remote ponds or ponds that do not have electricity nearby fast and easy to assemble and have specially designed blades for better air flow. Patent Pending technology minimizes bearing fatigue and increases longevity. Windmills can be placed up to 250 metres away from pond edge. The windmill has a 72" diameter head with 12 blades and is self governing in high winds. Galvanised steel parts will last for years in all weather conditions. Oval holes in all parts makes assembly much easier. Pumps approximately 80 litres of air per minute in low wind and up to 120 litres per minute in 25km+ wind. Comes with a 5 year warranty on bearings and camshaft.

CP Ref No.	Description	RRP
LAKM21598	12' Three legged windmill assembly without tubing or diffusers. Unassembled. Overall height approximately 4.6 metres	\$POA
LAKM21597	Windmill Hinge Set	\$POA
LAKM21596	WMxxN Replacement Diaphragm Kit	\$POA
Self Weighted PVC Air hose		
LAKM21611	3/8" I.D x 0.687 O.D - Self Weighted PVC Air Hose - Sold by the metre	\$12.95
LAKM21609	1/2" I.D x 1" O.D - Self Weighted PVC Air Hose - Sold by the metre	\$POA
Membrane Air Diffusers		
LAKM21608	Membrane Diffuser RAD12 - Rubber Membrane diffuser 12" with 3/8" to 1/2" Barbed Inlet	\$POA
LAKM21607	Membrane Diffuser Assembly MD3- Single. Airflow of 25 to 85 L.P.M	\$POA
	Single, Double and 4-Way Diffuser Assemblies	-



E.P.D.M Membrane air diffuser assemblies that feature a hollow base that can be filled with sand or gravel. This eliminates the need for bricks and straps to get the diffuser to sink. Available in single, dual and 4-way head assemblies. A 3/4" female adaptor is located at the base of each unit for airline tubing attachment.

CP Ref No.	Description	RRP
LAKM21606	Membrane diffuser Assembly - Single. Airflow of 25 to 85 L.P.M	\$275
LAKM21605	Membrane diffuser Assembly - Double. Airflow of 50 to 170 L.P.M	\$POA
LAKM21604	Membrane diffuser Assembly - Quad (4-way). Airflow of 100 to 340 L.P.M	\$POA

CP Ref No.	Description	RRP
Sub-Surface Aeration Components and Accessories		
LAKM21585	40psi Pressure Relief Valve	\$POA
LAKM21578	0-50 psi Liquid filled gauge 1/4"npt	\$POA
LAKM21584	2 Way air splitter 1/4" x 3/8" (for rocking piston compressors)	\$POA
LAKM21583	2 Way air splitter 1/2" x 1/2" (for Windmill)	\$POA
LAKM21582	ERP Outlet Assembly - No Valve	\$POA
LAKM21581	ERP Outlet Assembly - 2 Valved Outlet	\$POA
LAKM21580	ERP Outlet Assembly - 3 Valved Outlet	\$POA
LAKM21579	ERP Outlet Assembly - 4 Valved Outlet	\$POA
LAKM21577	1/4HP Rocking Piston Kit	\$POA
LAKM21574	Complete Air Filter	\$POA
LAKM21573	Replacement Air Filter Element	\$POA



Custom Aeration Systems: Clearpond can custom design an aeration system for almost any application. The type of compressor, the length of tubing, the number of diffusers etc. can all be mixed and matched to give you a system to fit your exact requirements. Please contact us for design assistance.

LAKE MANAGEMENT

An Introduction to the Concepts of Lake Management

Would you take your family to have a picnic at a park where the grass is green and the trees are magnificent but the lake smells unpleasant and looks stagnant? Of course not!

There is no reason why a lake cannot be as beautiful as its surrounds.

In this quick introduction to lake management we will explain the causes, problems and management of a lakes ecosystem.

Every lake is different and has different factors contributing to its success or failure; sunlight/temperature, nutrients and oxygen are the most significant in terms of a lakes dynamics. Knowledge and management of these factors are the perfect starting point for any lakes well being.

Sunlight is the lakes primary source of energy, it initiates photosynthesis (the release of oxygen by plants during the day and carbon dioxide at night) of the plants in the lake and its surrounds and determines such factors as algal and plant growth and species of plant life present.

Temperature effectively relates to the "Thermal Stratification" of the lakes water column where the lake is separated into different thermal gradients or layers; as the sun warms the waters surface this layer becomes lighter trapping the cooler, denser water beneath it causing different temperature zones to be present. This layering effect can cause the different zones to not mix and the top, warmer layer can encourage detrimental algal growth.

The thermal stratification of a lake can also affect the amount of dissolved oxygen in the water body, the higher the temperature, the less dissolved oxygen it contains causing the organisms in these areas to die.

Oxygen in the lake essentially comes from sources such as wind and wave action and photosynthesis of the plants in the lake as well as from artificial means such as aerators and fountains.

Dissolved Oxygen (DO) has a critical effect on the lakes well being, a lack of DO can result in iron in the water being converted from an insoluble form to a soluble form which affects water quality, sulfide being converted to toxic hydrogen sulfide and waste materials being unable to be decomposed on the lakes bottom.

The amount of oxygen in a water body is unstable due to factors such as water temperature, amount of sunlight and photosynthesis etc. The addition of aerators and fountains can help overcome any oxygen deficiencies in a lake by mixing the thermal layers and directly adding oxygen to the water body.

Photosynthesis indicates the importance of using aerators and fountains particularly at night as the oxygen levels in the lake decrease significantly at this time.



Nutrient levels can be related to the amount of aquatic weeds in the lake and algal growth, the more nutrient in the lake the more these undesirable organisms increase leading to a smelly, stagnant lake. Phosphate and nitrogen are found in commonly used garden and turf fertilizers and are the main chemicals looked to be present in the management of lakes as they are the main contributors affecting water quality.

These can enter the lake system via runoff from turf and lawns and incoming water sources such as storm water drains, creeks and tributaries flowing into the lake.

Dead and dying algae, plants and vegetation also add to the bio-load of the lake and contribute nutrients that are considered harmful to a lakes ecosystem.



There are two types of naturally occurring bacteria present in ponds and lakes, these being: aerobic and anaerobic bacteria. These break down the nutrient load on the lake by feeding on organic nutrients breaking them down to non-organic compounds that aquatic plants and algae cannot access readily for food.

Aerobic bacteria are the most effective and only exist where oxygen is present and are much more effective than anaerobic bacteria in the breakdown of organic nutrient.

Anaerobic bacteria as part of their consumption of nutrient produce harmful by-products that can be contributed to a lake being stagnant and unpleasant smelling.

LAKE MANAGEMENT

Lakes can effectively be managed by the use of long term measures such as:

- Addition of aerators and fountains positioned correctly to gain maximum benefit from aeration and circulation.
- Reduction of nutrient to the water body.
- Addition of beneficial bacteria and enzymes such as Clearpond Pondzyme+ Concentrate.

Oxygen adding devices such as aerators and fountains can be broken down into two subsections: those that pump air into the water column such as pond aerators and those that pump water into the air such as lake fountains.

Aeration of the lake aids in impacting on the factors contributing to the problems found in large water bodies: oxygen, temperature and nutrient content.

The addition of aeration encourages the growth of aerobic bacteria enabling the decomposition of organic waste and nutrient to increase, it also circulates the water breaking thermal stratification lowering the lakes overall temperature and also provides oxygen to the deeper areas of the lakes.

The position in the lake of the fountains and aerators are crucial as the correct positioning helps prevent areas where

"dead spots" are likely to occur as well as providing a visually spectacular feature.

The use of naturally occurring bacteria and enzymes in conjunction with aeration devices is exceptionally beneficial to the lake, these enzymes help speed up the breakdown of nutrients which in turn reduces the amount of sediment on the bottom of the lake, improves the lakes water clarity and eliminates odours.

Essentially the bacteria makes nutrients such as phosphate and nitrogen unavailable to stimulate the growth of algae by competing with the algae and winning!

Thorough water chemistry analysis is essential during the use of liquid bacteria and enzymes in a lake as favourable results will be achieved quicker and the product will be more effective if ideal water conditions are maintained.

Initial doses of Pondzyme+ will need to be followed up with periodical doses to achieve a harmonious balance of the lakes ecology.

In summary, with an understanding of a lakes aquatic ecosystem and help from Clearpond you will be able to achieve a lake you will be proud to take your family to have a picnic by!



AERATION & FOUNTAIN DEVICES

It has long been known that oxygen is an integral part of a pond and lakes ecology, the addition of an aeration device is beneficial as it can mix the water at the bottom of the lake where the oxygen levels are low with the upper, more oxygen rich layers preventing stratification.

The effectiveness of an aeration system in a lake or dam is ultimately determined by two factors:

- 1) The shape of the lake.
- 2) The depth of the lake.

The shape of the lake will determine the positioning and quantity of the aeration diffusers to achieve maximum effectiveness while the depth of the lake or dam will determine the size of the area that the diffuser/s will effect; the deeper the lake the more efficiently the aerators will operate.

Aerators and surface fountains are the most often used sources of adding oxygen to the lake or dam, these devices not only help to create a stable lake ecology but the on-going use helps maintain the lakes well being and productivity as a valuable natural resource.

Oxygen adding devices such as aerators and fountains can be broken down into two subsections:

- 1) Those that pump air into the water column such as pond aerators.
- 2) Those that pump water into the air such as lake fountains.

Aeration of the lake aids in impacting on the factors contributing to the problems found in large water bodies: oxygen, temperature and nutrient content.

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The position in the lake of the fountains and aerators are crucial as the correct positioning helps prevent areas where "dead spots" are likely to occur as well as providing a visually spectacular feature.

These are a few examples of why aerators and fountains are worth installing:

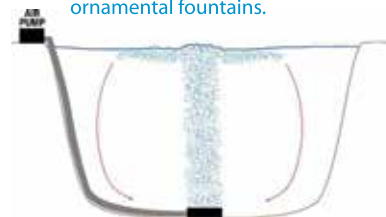
1) Mosquito and midge control: With the addition of aerators to a lake it has been proven that up to a 90% reduction in the number of these pests has been achieved, the aerators helped break down the muck on the bottom of the pond eliminating the food source and habitat of the insects which in turn improved water clarity enabling aquatic predators such as fish to prey on the insects.

2) Sudden fish death reduction: Lakes can experience sudden fish losses where lack of oxygen in the lake is directly responsible, installing an aerator can eliminate this from occurring as the aerators mix the bottom oxygen poor water with the top oxygen rich water creating an even distribution of oxygen throughout the water column. The increase in oxygen also helps greatly reduce ammonia and phosphate that can be responsible for fish deaths too. As the oxygen levels increase bacteria begin to break down decomposing plant material and fish waste reducing ammonia and nutrient such as phosphate is also broken down as well.

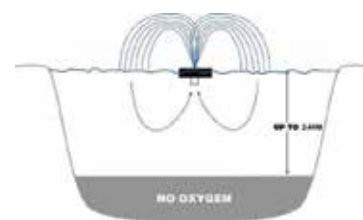
3) Massive improvement in water clarity, nutrient and oxygen levels:

Aerators prevent oxygen and temperature stratification and vastly increase water clarity by enabling bacteria to remove free floating suspended matter. Excessive nutrient levels are also decreased as bacteria helps break down phosphate and reduces nitrogen.

The pictures below show the effectiveness of aerators in lakes compared to ornamental fountains.



DIFFUSED AERATOR KIT



FOUNTAIN AERATOR

Aerators and fountains are not only visually pleasing and provide oxygen to the lake they benefit the lake and also its surrounding flora, fauna and even us!



Lake Management Checklist

Lake name:

1.0 Contact/contact data

1.1	Company	
1.2	Contact name	
1.3	Address	
1.4	Town/suburb	
1.5	State	
1.6	Telephone	
1.7	Fax	
1.8	Email	
1.9	Other information	

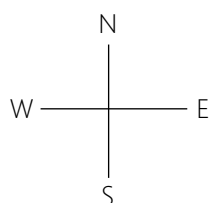
Additional addresses to notify

Company	
Contact name	
Address	
Town/suburb	
State	
Telephone	
Fax	
Email	
Other information	

2.0 General information

2.1	Lake type	Natural lake	Artificial lake	Closed lake	Lake with inlet and outlet	
2.2	Type of liner	Liner	Concrete	Clay	Plastic	
		Other				
2.3	Size (L x W x D) in m				Volume in m ³	
2.4	Age of lake	1-3 years	3-6 years	6 years plus		
2.5	Bank	Flat	Steep			
2.6	Lake use	Keeping fish	Fish farm	Biotope	Water sports and recreation	Swimming pond
		Fire extinguishing pond		Ornamental lake	Zoological	Irrigation
		Other				
2.7	Sunlight	Hours per day				

Wind Direction

[illegible]

Lake Management Checklist

3.0 Problem description	
3.1 Excessive sludge /silting up	Floor: <input type="checkbox"/> watery <input type="checkbox"/> muddy, dark
	Floor: <input type="checkbox"/> sandy <input type="checkbox"/> firm, light
3.2 Surface contamination	<input type="checkbox"/> Duckweed <input type="checkbox"/> Blossom/pollen <input type="checkbox"/> Leaves <input type="checkbox"/> Pine needles
	<input type="checkbox"/> Other
3.3 Foreign objects	<input type="checkbox"/> Branches <input type="checkbox"/> Large rocks <input type="checkbox"/> Refuse
	<input type="checkbox"/> Other
3.4 Dying fish	<input type="checkbox"/> Yes <input type="checkbox"/> No
3.5 Foam formation	<input type="checkbox"/> Yes <input type="checkbox"/> No
3.6 Odour irritation	<input type="checkbox"/> Yes <input type="checkbox"/> No
3.7 Algae formation	<input type="checkbox"/> Green water <input type="checkbox"/> String algae
3.8 Excessive plant growth	<input type="checkbox"/> Underwater plants <input type="checkbox"/> Marsh plants <input type="checkbox"/> Reeds <input type="checkbox"/> Water lilies
	<input type="checkbox"/> Other
3.9 Colour of lake water	<input type="checkbox"/> Green <input type="checkbox"/> Brown <input type="checkbox"/> Red <input type="checkbox"/> Grey
3.10 Viewing depth (cm)	

4.0 Previous measures and experiences		
4.1 Device implementation	<input type="checkbox"/> Aerators	Technical data:
	<input type="checkbox"/> Surface skimmers	Technical data:
	<input type="checkbox"/> Circulation	Technical data:
	<input type="checkbox"/> Filtration	Technical data:
	<input type="checkbox"/> Other	
4.2 Water care products	<input type="checkbox"/> Carbonate hardness booster	
	<input type="checkbox"/> pH value regulation	
	<input type="checkbox"/> Aquatic chemicals	
	<input type="checkbox"/> Algaecides and herbicides	
	<input type="checkbox"/> Lake dye	
<input type="checkbox"/> Other		
4.3 Application period	Since: <input type="checkbox"/> All year <input type="checkbox"/> Seasonal	
4.4 Results	<input type="checkbox"/> No success <input type="checkbox"/> Brief success <input type="checkbox"/> Long-term success	
4.5 Other		

5.0 Input and influence factors	
5.1 Lake surroundings	<input type="checkbox"/> Lawn <input type="checkbox"/> Arable land <input type="checkbox"/> Forest <input type="checkbox"/> Fallow land <input type="checkbox"/> Paved surface <input type="checkbox"/> Golfcourse
	<input type="checkbox"/> Other
5.2 Capillary barrier	<input type="checkbox"/> Yes <input type="checkbox"/> No
5.3 Surface input	<input type="checkbox"/> Leaves and pollen <input type="checkbox"/> Nutrients via rain water <input type="checkbox"/> Animal excrement <input type="checkbox"/> Animal feed
	<input type="checkbox"/> Other
5.4 Animals	<input type="checkbox"/> Birds <input type="checkbox"/> Fish (<input type="checkbox"/> Restocked? Type Quantity) <input type="checkbox"/> Turtles
	<input type="checkbox"/> Other

Things you should know - Clear pond basics

The basic components to achieve a clear pond solution should include:

- a **pond liner** or **pre-formed pond** – our selection of pre-formed ponds provide a quick and versatile solution, or we can supply PVC or rubber liner to line your custom-built shape.
- a **pump** for operating a filter, water feature or water course – Pond pumps are specifically designed to provide a relatively low pressure flow to pond filter systems.
- a **filter** for biological-mechanical cleaning – without a pond filter your pond water will get pretty mucky. The pond filter should have a filter that can capture and grow good bacteria to help maintain the water's proper balance.
- Pond aeration to supply the pond with oxygen – this can be achieved with a **fountain** or **waterfall**, otherwise **aeration equipment** may be required.
- a **skimmer** for surface cleaning – usually only required if the pond is surrounded by leafy trees.

To determine which sized products to buy, you'll need to know your pond volume and how many litres per hour (LPH) you require. See "Average Turnover Rate" below. You can also use our handy online calculators, here:

<https://www.clearpond.co.nz/calculators>

For DIYers, our all-in-one kits are very popular, including our solar powered kits for smaller installations where no power is available.

The exact requirements and specification of a water garden will also depend on pond type, fish type (if any), watercourse or waterfall, sunlight exposure and temperature variation.

Average Turnover Rate

The average turnover rate of pond water should be in the range of 1 to 3 times per hour. The turnover rate is defined as the number of times the total volume of pond water flows through filtration in one hour.

How often the water is turned over is dependent on; the pond size – a smaller pond benefits from greater turnover; the type and population of fish in the pond; the amount of aeration of the pond – oxygen is your friend; and the type of filter.

Smaller ponds need a higher turnover rate than larger ponds. Things happen faster in a small pond, and smaller ponds are usually more likely to be overstocked. Small ponds are also less stable, as their temperature fluctuates more. This means that a <6000 litre pond will benefit from a higher turnover rate of about 2- 2.5 times per hour.

The turnover does not generally include water that is bypassed directly back to the pond past the filtration system. Although this is a little bit of a grey area, because some bypass water can be used for very useful purposes: e.g. current flow, and aeration such as a waterfall or fountain.

Filters separate out debris and silt, however also provide the surface area for aerobic bacteria

Typically my larger ponds (>6000 litre) should be run approximately 1.5 times per hour, through filtration.

Extremely large ponds and small lakes can run much lower rates and the rules apply much differently. The higher the dissolved oxygen content, the lower the turnover rate can be. Oxygen is your friend.

You can also use our handy online calculators to determine your requisite pond volume and litres per hour, here:

<https://www.clearpond.co.nz/calculators>

As always, feel free to contact us if you have any questions!

Creating a Garden Pond

Do's, Don'ts and Tips

Pond Positioning

- Avoid areas with overhanging trees that drop leaves, nuts and pollen into the pond. Also be aware of trees that have invasive roots as these can damage the pond's construction material.
- Areas that are subject to flooding and runoff should be avoided.
- Ensure the pond receives at least a half a day of sunlight as this encourages plant growth.
- Make sure an electricity supply with enough power points to cover all pond equipment is located close by and has an RCD (Residual Current Device) fitted or are fitted to the mains power supply.
- If children are likely to be around the pond it is a good idea to position the pond where it can be seen from the house. Have a wide, shallow planted area around the pond and have the pond above ground or have a fence around it. Check local council and shire regulations regarding ponds.

Pond Shape

- Complex or overly irregular shapes should be avoided as these will result in excess folds and creases when using pond liner and also create 'dead spots' where water cannot circulate, causing the area to become stagnant.
- Use a rope or garden hose laid out on the desired area or spray paint to line the pond perimeter, to visually construct the size of the pond.
- The type of fish to be kept should be taken into consideration before building a pond as large fish such as koi require large, deep ponds, whereas goldfish are happy in smaller ponds.
- Different plants require different depths – providing shallow and deep areas will enable you to have a pond containing different species and varieties of plants.

Pond Equipment

- Always follow the instructions that come with the pumps, lights and filters to ensure they are compatible with the pond being constructed, and with each other.
- It is better to purchase a larger pump/filter than what is required for the pond volume – as fish grow and breed, larger filtration and pumping equipment will cope with excess nutrients and save subsequent upgrading.
- Pumps and filters must be run 24 hours a day, 7 days a week as this will support the beneficial bacteria colony living in the filter and aid in the breakdown of waste and excess nutrients.
- The entire volume of the pond should pass through the filter every 1-2 hours and more often if there are heavy stocks of fish and large fish in the pond. 1 x per hour up to 6000 litres - 1.5 x per hour for 12,000 litres.
- A filter may take up to 8 weeks to develop the beneficial bacteria colony. If a UVC (Ultra Violet Clarifier) is used it should not be turned on for the first 3-4 weeks to allow the bacteria to develop.
- When starting a new pond or adding fish, bacteria kick starters or boosters such as Clearpond Biostarter and Clearpond Bacteria can be added to the pond and directly into the filter to start the bacteria colonisation process and to boost the levels of existing bacteria.
- Do not run a UVC without water running through it as the heat produced from the lamp can damage its plastic surrounds and perish O-rings.
- It is best to use the largest diameter hose available and a general rule of thumb is to use the same size hose that matches the outlet on the pump. Friction loss calculators should be used when water is to be pumped over long distances (5 metres plus) or to large heights.
- Ball valves should not be used on pond pumps. When a pump is to be mounted externally it should be placed below the water level so the intake line is always flooded, so if the power ever fails it can restart easily.
- If the pump produces more flow than needed, it is better to install a T-piece and valve in-line to return the excess water to the pond rather than using just a valve to restrict the pumps flow.
- Do not concrete in hoses or electrical cables as access may be required in the future.
- Use an underlay when installing a flexible pond liner to protect it, and remove all sharp sticks and stones etc. from the hole before installing the liner and underlay.

Pond Maintenance

- Filter materials should be cleaned in buckets of pond water (buckets need to be free of pesticides and herbicides) and the dirty water can be discarded onto the garden.
- Chlorinated tap water should never be used to clean filters as the chlorine in the tap water kills the beneficial bacteria in the filter.
- When replacing the filter materials, do not replace all the foams at once as this will set back beneficial bacteria. It is better to stagger the change over a few weeks.
- Pond equipment should be regularly checked and cleaned, as per the manufactures instructions, to ensure the longevity of the ponds equipment.
- UVC filters generally need to have their globes replaced every 12 months as they lose their effectiveness after this time. O-rings should also be replaced at the same time.
- When changing the water or topping up the pond or waterfeature, use a de-chlorinator such as Clearpond Pondstart to remove chlorine from the tap water.
- Statuary waterfeatures are able to have their water topped up every so often but every month a 1/4 to 1/3 water change should be done to remove any buildup of minerals such as calcium. As the water evaporates these minerals concentrate, affecting the performance of the pump and attaching themselves to the waterfeature and pump causing pump failure and unsightly stains. Pumps that are affected by minerals are hard to clean so regular partial water changes are necessary to prevent the buildup of minerals. Pond equipment seized up by calcium and other minerals may no be covered under warranty.

Stream sizing

The table below is a guide to help specify the flow rate required for various stream widths.

	Stream Sizing			
Width of water course (mm)		250 mm	500 mm	1000 mm
Approx. amount of water required		35 l/min	65 l/min	145 l/min
Approx. Hose diameter required		25 mm	32 mm	50 mm

Waterfall Sizing

The table below is to help specify the flow rate required for various widths of waterfalls from passive flows to Niagara flows!

WATERFALLS				
Average depth over waterfall edge (mm)	Width of waterfall			
	250mm	500mm	750mm	1000mm
	Approximate Minimum flow - Litres per Minute			
5	25	45	65	95
7.5	35	65	95	125
10	45	95	125	185

Friction Losses in Hoses

3/4"		1"		1 1/4"		1 1/2"		2"	
L/min	H loss	L/min	H loss	L/min	H loss	L/min	H loss	L/min	H loss
7	0.008	23	0.021	37	0.015	48	0.008	122	0.014
9	0.014	27	0.027	43	0.020	58	0.011	138	0.018
11	0.021	30	0.035	49	0.026	68	0.015	153	0.022
13	0.029	34	0.043	55	0.032	77	0.019	168	0.026
16	0.038	38	0.052	61	0.039	87	0.024	184	0.030
18	0.048	40	0.062	67	0.046	96	0.029	199	0.035
20	0.060	42	0.073	73	0.054	106	0.034	214	0.040
22	0.073	50	0.084	80	0.063	116	0.040	230	0.050
25	0.087	53	0.097	86	0.072	125	0.047	245	0.052
27	0.102	57	0.110	92	0.082	135	0.054	260	0.058
29	0.118	61	0.124	98	0.092	144	0.061	276	0.065
31	0.136	65	0.139	104	0.103	154	0.069	291	0.072
34	0.154	68	0.155	110	0.115	164	0.078	306	0.079
36	0.174	72	0.172	116	0.127	173	0.086	322	0.086
38	0.195	76	0.189	122	0.140	183	0.096	337	0.094
40	0.217	80	0.207	128	0.154	193	0.105	352	0.103
43	0.240	8	0.226	134	0.168	202	0.115	367	0.111
45	0.264	87	0.246	140	0.183	212	0.126	383	0.120
47	0.290	91	0.267	147	0.198	221	0.137	398	0.130
49	0.316	95	0.288	153	0.214	231	0.149	413	0.139
51	0.344	99	0.311	159	0.230	241	0.161	429	0.149
		103	0.334	165	0.248	250	0.173	444	0.160
				171	0.265	260	0.186	459	0.170
				177	0.284	270	0.199	490	0.193
				183	0.303	279	0.213	521	0.217
				195	0.343	289	0.228	551	0.242
						308	0.257	582	0.268
						327	0.289	612	0.296
						347	0.323		
						366	0.358		
						385	0.395		

Fittings equal pipe lengths

Fitting Description	1 inch	1.25 inch	1.5 inch	2 inch
90 degree elbow inches	32.5	57	57	86
cm's	80	144	144	220
45 degree elbow inches	20	25	29	36
cm's	51	64	73	91
insert coupling inches	14.5	18	22	29
cm's	37.5	46	55	73
gate valve inches	8.5	12	14	22
cm's	21.5	30	37	56
male/female adaptor				
inches	29	40	50	64.8
cm's	74	100	128	165
tee-flow through run				
inches	24.5	33	39	62
cm's	62	84	99	157
tee-flow through branch				
inches	86.5	101	115	173
cm's	220	256	292	439

Equation

1a, Flow required =

2, Total length of actual pipe =

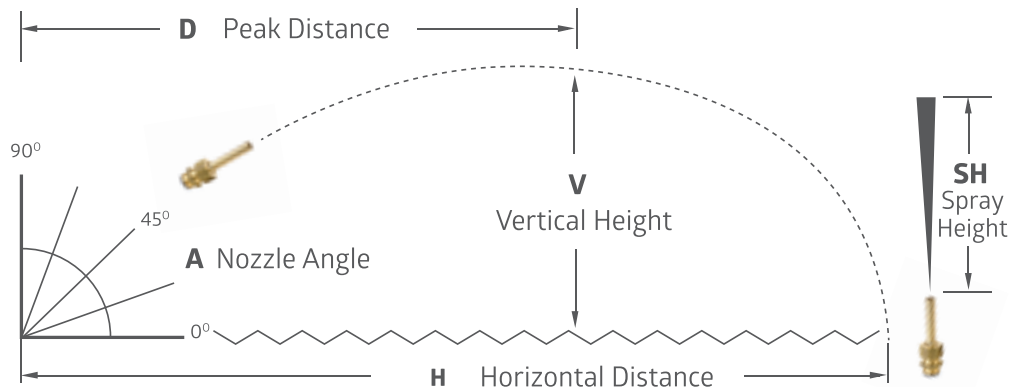
3, Total of fittings in length =

4, Total assumed length of pipe = 2+3 =

Requirements: Pump capable of flow 1a @ head loss of ?

The head loss for any given flow can be read from the chart to the left. The answer varies depending on the diameter of the hose.

CLEARPOND FOUNTAIN NOZZLES



LEGEND	
A	Angle of nozzle above horizontal
H	Horizontal distance of trajectory
V	Vertical height of trajectory
D	Horizontal distance to peak of trajectory, i.e. ($H \times DF$)
VF	V as a factor of H, i.e. ($VF = V \div H$)
DF	D as a factor H, i.e. ($DF = D \div H$)
CF	Multiplying factor for SH required
SH	Spray height from nozzle performance data

Require	Process
A Nozzle Angle	When H and V are known. Establish VF. A is shown on VF line in factor table
V Vertical Height	When H and A are known. Establish VF from same line as A. ($H \times VF = V$)
H Horizontal Difference	When V and A are known. Establish VF from same line as A. ($V \div VF = H$)
D Peak Distance	When H and A are known. Establish DF from same line as A. ($H \times DF = D$)
SH Nozzle Performance	When H and A are known. Establish CF from same line as A. ($H \div CF = SH$)

		Comet Nozzle 1/4" Thread	Comet Nozzle 1/2" Thread	Comet Nozzle 1" Thread	Foaming Fountain Nozzle 1" Thread
Nozzle Outlet ID (mm)		3	6.35	14	32
Spray Height (m)	Head	L/Min.	L/Min.	L/Min.	L/Min.
0.50	N/A	N/A	N/A	N/A	68
1.00	1.35	1.45	12.00	44.00	110
1.50	2.00	2.30	15.50	55.00	140
2.00	2.70	3.00	17.60	80.00	250
2.50	3.35	3.50	19.00	90.00	
3.00	4.00	4.20	21.00	100.00	
3.50	4.70	4.70	22.00	110.00	
4.00	5.35	5.00	24.50	121.00	

Factor Table			
A	VF	DF	CF
5	0.06	0.36	0.9
15	0.11	0.46	1.33
25	0.17	0.49	1.83
35	0.22	0.51	1.94
45	0.27	0.52	2.1
55	0.35	0.53	1.8
65	0.5	0.56	1.5
75	0.99	0.59	0.9
85	2.45	0.64	0.4

Trading Terms & Conditions

Prices

Although we endeavour to keep a stable pricing policy, we cannot control our supplier's price adjustments or fluctuating foreign exchange rates. Therefore prices are subject to change without notification.

Accounts

Where account terms are provided terms are strictly 20 days following month end. Overdue accounts will automatically be placed on stop credit.

Default Interest may be charged on overdue accounts at the rate of 18.5% per annum calculated on a day-to-day basis and it is agreed that such default interest is not a penalty but a true measure of damages incurred by Clearpond. Payments received from the customer will be credited first against any default interest and all such charges shall be payable on demand. Future deliveries may be suspended until account is in order. A fee of 2.0% of the value of all EFTPOS & Credit Card payments will be charged. This charge is to cover bank charges that Clearpond incurs on these transactions.

We reserve the right to close your account due to improper trading or where your account has become inactive for a period of more than six months

DISHONoured CHEQUES – A fee of \$27.50 + GST will be charged for any dishonoured cheque.

Delivery

A freight and handling charge maybe charged on invoice if using Clearpond's nominated freight carrier.

Please confirm with our office for your freight and handling charge. The freight and handling charge may be changed without notice. Freight is charged plus GST.

UPON DELIVERY – Any and all claims for shortage or damage must be made within 3 working days of receipt.

Please ensure your staff check carefully before signing for your goods upon delivery. Once you have signed for your stock, no future claims can be made for damage in transit or short delivery.

Redelivery Fees & Internet Orders

Clearpond is a nationwide wholesaler of products that prefers to freight its products direct to our customers.

On occasions, as an extra service, we have been asked by our customers to send orders direct to end-users homes or business addresses. It is unfortunate that by providing this extra level of service, on occasion we have been involved in conflicts between the retailer and the end user. Clearpond discourages this practice but will continue to provide this extra service with the following conditions.

1. Clearpond will dispatch products direct to end-users on our retail customers' behalf but only if requested in writing and that it is accepted by that retail customer that delivery will be completed without receipt of end users signature in situations where the end-user is not home.

Trading Terms & Conditions

1. Clearpond will accept no responsibility under any circumstances for damage, missing products or any other reason or conflict arising once a product has left our warehouse for delivery to a retail customer's end-user address.
2. Clearpond accepts no responsibility for products sent from a retail store to an end-user. The onus is on the retailer to inspect the product prior to dispatch from a retail store.
3. As a lot of couriers will not deliver products when end-users are not home, Clearpond may incur additional redelivery fees. Where Clearpond incurs such a redelivery fee for whatever amount, we will charge the retail customer a minimum of \$45 + GST redelivery and administration fee, or 100% of Clearpond's redelivery cost, whatever is the higher amount.

Ownership

Clearpond shall remain the legal and beneficial owner of all goods supplied and the ownership of goods supplied shall not pass to the buyer, until payment in full (including GST) has been received by Clearpond.

All costs of recovery of unpaid accounts shall be borne by the buyer. Risk in the goods of whatever nature, shall pass to the buyer or their agent upon taking possession of such goods. Clearpond shall be entitled, upon default, to enter the customer's property to recover the stock in question.

Return of Goods / Requests for Credit

- No claim will be recognised unless made within 3 working days of receipt of goods.
- All returns and credits require approval from Clearpond NZ prior to return of goods.
- Restocking fees are as follows-
 - 4 – 7 days from invoice - applicable freight costs apply.
 - 8 plus days - 15% plus applicable freight costs.
 - 90 days or more - We will not accept any stock returns after 90 days.
- Ponds and Pond Liners are non returnable.
- A non-refundable deposit may apply to special import order items.
- Goods Returned must be freight pre paid.
- Goods returned must be in new and re-saleable condition, this includes no price tickets.

Fibreglass, Plastic ponds and pond liners cannot be returned.

In order to make a warranty claim, a proof of purchase is required by law. A completed warranty form is also required.

All products under warranty are to be returned freight paid to Clearpond.

Liability is limited to the repair or replacement of product only

Clearpond reserves the right to repair under warranty. Replacement will be considered on all products under the following conditions:

- Usage period (under warranty period)
- Degree of damage.
- Approval of our technician.
- Credit will be considered if the product is:
 - 1 Saleable (must be a complete unit)
 - 2 Broken on arrival (claims to be made within 72 hours of delivery)
 3. Under warranty period but cannot be replaced or repaired

The following points will exclude a customer from making a warranty or credit claim

- Any electrical item that has been modified in any way. This includes shortening of electrical cables.
- Damaged items will be replaced if proved to be faulty from new
- Impellers, diaphragms and flapper valves are moving parts, and therefore cannot be claimed under the conditions of a warranty unless previously advised in writing.
- Calcium deposits within the unit.

Disclaimer

Whilst every care has been taken in the production of this price list, Clearpond takes no responsibility for any errors or omissions, which may have occurred.

Service Charges.

Charges are applicable for items returned for service or where warranty is not applicable.

The following charges apply:

\$40 + GST minimum.

\$65 + GST per hour charged in half hour increments.

Replacement parts will be charged at retail. Return freight will be charged at cost.

We will provide an estimate of service charges prior to service.

All goods returned for warranty or service are to be freighted at owners cost.

Warranty Procedure

The following warranty procedure has been developed to ensure that all warranty claims are dealt with quickly and efficiently and with minimum inconvenience to you and your customers.

1. In the event of a warranty claim, please contact CLEARPOND NZ 0800 278 784. We will discuss with you the basic things that you should check for.
2. If the product is still defective & the customer can provide proof of purchase, send the product to Clearpond NZ, 9 Arrenway Drive, Albany, Northshore for further inspection.
Please note that:
 - The product **MUST** be returned with a copy of the proof of purchase & a completed warranty request form.
3. All warranty claims are to be sent freight paid direct to Clearpond NZ Albany.
4. Once inspection has been carried out we will assess the warranty claim and advise the result as soon as possible.
5. Clearpond will then return either a new replacement or the repaired item.

IMPORTANT: As part of these procedures please read the warranty terms & conditions in the Terms & Conditions section of this pricelist.

Adhering to this system will enable us to provide our best level of after sales service.

NOTE – SHORTENING OF ELECTRICAL CABLE LENGTHS WILL VOID WARRANTY OF PRODUCT

HIRE PRODUCTS ARE NOT BE COVERED UNDER WARRANTY – eg PONDOVACS

A NOTE ON OUR WARRANTY PROCEDURE

The above procedure has been implemented so Clearpond can provide a quick and efficient turnaround of warranty products. The majority of our products are high value items and mistakes in the warranty procedure are costly. Clearpond reserves the right to repair under warranty and in most cases our products can be repaired without the need for full replacement.

Clearpond's warranty procedure ensures that the retailer is not out of pocket for mistakes made in replacing repairable products and that our pricing is not influenced by unsubstantiated warranty claims.

Clearpond is aware that some distributors instruct the retailer to fully replace products that are suspected of warranty claim. This procedure is only viable when the cost of replacement product is low value and not worth the cost of inspection and/or repair and therefore not suited to Clearpond's product range.

Warranty Claim Report

**Proof of purchase must be attached (photocopy etc)
for the warranty claim to be validated.**

Make: _____

Model: _____

Return Date: ____ / ____ / ____

Purchase Date: ____ / ____ / ____

Retailers Name: _____

Retailers Address: _____

Phone: Fax: _____

Contact Person: _____

Customers Name: _____

Customers Address: _____

Customers Phone Nos: _____

Reason For Return / Fault: _____

Parts Replaced from Store: _____

Approval No: _____

(Must be obtained from Perth Head Office prior to dispatching to Perth or Melbourne Warehouses)

OFFICE USE ONLY (CLEARPOND)

Date Recd: ____ / ____ / ____

Date Inspected: ____ / ____ / ____

Inspected by: _____

Proof of Purchase Sighted: Yes / No

Inspection Report: _____

Parts Replaced by Clearpond: _____

Date Returned: ____ / ____ / ____

Transport: _____

INVOICE No: _____

CPNZ PREFIX	ITEM GROUP
AP	Airpumps/Aerators
AS	Aquarium Supplies
BFM	Bulk Filtration Media
FH	Fountain Heads
FN	Fish Nutrition & Health
FT	Fountain Technology
FU	Filtration, UVC & Accessories
HA	Hose Accessories
LAKM	Lake Management
LM	Lighting & Misters
MISC	Misc Pond Products
P	Ponds
PA	Pump Accessories
PART	Spare Parts (PartIMP - impellers; PartL - Bulbs; PartFU -Foams)
PAQ	Pond & Aquaculture Fish Nets
PL	Pondliners
POS	Point of Sale , labels, Packaging
PPF	Planters & Plant Food
PS	Pond Sealants
S	Solar
SF	Spillways, Diffusers & Fountains
SP	Submersible Pumps
SMP	Swimpond
VA	Vacuums & Accessories
WE	Water Entertainment
WT	Water Treatments
WFP	Water Features - Pietro
WFR	Water Features - Resin



Clearpond Tip:

We have a massive library of product and aquatic industry information. If you cannot find the information you require in this catalogue, contact our head office and we will try to help you!