PRICE LIST CATALOGUE 2024-2025

CLEARPOND™
NEW ZEALAND

www.clearpond.co.nz 0800 278 784

For orders contact sales@clearpond.co.nz

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2024-25 (effective 1st April 2024)

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 $400 + 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 $500 + GST (excluding POS materials and bulky items i.e over .05 m3).
- South Island.
  - F.I.S for orders over $500 + 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 74.

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. Pricing is subject to change at anytime. Please confirm your price at time of purchase.

"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

Oase **German Precision & Reliability**

AQUARIUS FOUNTAIN SET - complete with 3 quality Oase fountain head options

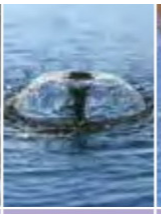
Aquarius pumps offer a 2* year guarantee, 10m cable on all models, flow adjuster, surrounded by a plastic cylindrical basket – no prefilter to clean, supplied with a ball joint and adjustable tee-piece and fountain nozzle options.

Barcode	Oase Part No	CP Ref No.	Description	RRP
4010052574028	57399	SP21345	Aquarius 1000E Fountain Set - 1000lph, 1.3m max head, 11 W. Includes Magma, Lava & Vulkan fountain heads. 10m cable	$299.95
4010052574028	57400	SP29689	Aquarius 2000E Fountain Pump – 2000lph, 2.10 m max head, 18 watts, complete with vulkan, lava & magma fountain nozzles. 10m cable	$449.99
4010052574028	57401	SP29690	Aquarius 3000E Fountain Pump – 3000lph, 2.5m max head, 26 watts, complete with vulkan, lava & magma fountain nozzles. 10m cable	$574.99
4010052574028	57402	SP29691	Aquarius 4000E Fountain Pump – 4000lph, 2.9m max head, 42 watts, complete with vulkan, lava & magma fountain nozzles. 10m cable	$699.99
2 year warranty. *For an additional 1 year warranty register your product via the Oase website. (Impellers and seals are consumables, cutting of the cable voids warranty)				

OASE AQUARIUS FOUNTAIN SET - pump curves see page 65

Aquarius Fountain Pump Set Model	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)	Warranty (excl. wearing parts (years)
1000E	1.3	1/2	10	11	1000	180 x 205 x 140	1	2
2000E	2.10	1/2	10	18	2100	180 x 205 x 140	1	
3000E	2.50	1/2	10	26	3000	180 x 205 x 140	1	
4000E	2.90	1/2	10	42	4000	180 x 205 x 140	1	

- Increased energy efficiency of this unit by an impressive 40%
- Complete with 3 quality Oase nozzles options →
- Telescopic pipe extension with swivel head
- Thermal overload protection.
- Underwater installation only
- Second outlet option 1/2 - 1" with adjustable flow


Vulkan		Lava		Magma		
Ø cm	H cm	Ø cm	H cm	Ø cm	H cm	
70	75	35	–	70	80	Set 1000
100	110	45	–	110	120	Set 2000
150	160	60	–	140	160	Set 3000
160	200	65	–	170	200	Set 4000

SUBMERSIBLE PUMPS

Fountain and Water Feature Pumps - designed to push water vertically

OASE AQUARIUS UNIVERSAL - premium fountain pump, extremely quite

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 2 year guarantee (excludes impeller).

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 Part No	CP Ref No.	Description	RRP
50033	SP29726	Aquarius Uni **ECO** 3000 – 3000lph, 3.2m max. head, 40 watts. 10m cable	$899.99
50034	SP29727	Aquarius Uni **ECO** 4000 – 4000lph, 3.4m max head, 50 watts. 10m cable	$999.99
56638	SP33061	Aquarius Uni 6000 – 6,000 lph, 5.0m max. head, 110 watts. 10m cable	$1299.99
56876	SP33369	Aquarius Uni 9000 – 9,000 lph, 6.0m max. head, 195 watts. 10m cable	$1999.99
56879	SP33370	Aquarius Uni 12000 – 12,000 lph, 7.0m max. head, 270 watts. 10m cable	$2499.99
2 year warranty. For an additional 1 year's warranty register your product via the Oase website. (Impellers and seals are consumables, cutting of the cable voids warranty)			

OASE AQUARIUS UNIVERSAL - pump curves see page 65

Statuary & Fountain Pumps Model	Max. Head Height (m)	Outlet Size (inch)	Cable Length(m)	Power Consumtion (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)
3000 ECO	3.2	1	10	40	50	3000	✔			245 x 130 x134	2500	2
4000 ECO	3.4	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	

- 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 only)
- 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

Oase **German Precision & Reliability**

AQUAMAX ECO CLASSIC SINGLE INLET - an industry benchmark, uncompromisingly reliable

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. Pumps course debris up to 8mm.

OASE Part No	CP Ref No.	Description	RRP inc GST
51088	SP56190	Aquamax 2500 – 2600lph, 2.2m max .head, 23 watts. 10m cable	$449.99
50022	SP29711	Aquamax 3500 – 3500lph, 2.6m max. head, 35 watts. 10m cable	$949.99
50025	SP29722	Aquamax 5500 – 5300lph, 2.8m max .head, 60 watts. 10m cable	$999.99
50026	SP29723	Aquamax 8500 – 8300lph, 3.2m max. head, 80 watts. 10m cable	$1199.99
51103	SP56221	Aquamax 11500 – 11000lph, 3.3m max. head, 100 watts. 10m cable	$1299.99
51109	SP56235	Aquamax 14500 – 13600lph, 3.4m max. head, 135 watts. 10m cable	$1549.99
23464	SP20864	Aquamax 17500 – 17400lph, 3.7m max. head, 170 watts. 10m cable	$1699.99

2 year warranty. For an additional 1 year's warranty register your product via the Oase website. (Impellers and seals are consumables, cutting of the cable voids warranty)

AQUAMAX PREMIUM DUAL INLET 220V - 240V for larger ponds

Premium dual inlet pumps are capable of drawing pond water from 2 locations e.g. satellite filter or skimmer. Pumps course debris 8000 lph up to 10mm, 12,000 lph plus up to 11mm.

Aquamax Eco Premium

OASE Part No	CP Ref No.	Description	RRP inc GST
50304	SP33045	OASE Aquamax 8000 Dual Inlet C.W.S - 8000lph. 4m max head. 65 watts power consumption. 10m cable	$2099.99
50744	SP29724	Aquamax ECO 12000 Dual Inlet – 12000lph, 5.0m max. head, 110 watts. 10m cable	$2299.99
50745	SP29725	Aquamax ECO 16000 Dual Inlet – 15600lph, 5.2m max. head, 145watts. 10m cable	$2499.99
56406	SP20863	Aquamax ECO 20000 Dual Inlet – 19500lph, 5.4m max. head, 180 watts 10m cable	$2699.99

2 year warranty. For an additional 1 year's warranty register your product via the Oase website. (Impellers and seals are consumables, cutting of the cable voids warranty)

AQUAMAX DRY - designed for dry installation

Especially for dry installation (below the water level only i.e. must be gravity fed, the pump won't self prime)

OASE Part No	CP Ref No.	Description	RRP inc GST
50066	SP22312 COMM	OASE Aquamax 8000 Dry - 7500lph. 3.0m max head. 100 watts power consumption. 10m cable - Trade	$1999.99
50068	SP22313 COMM	OASE Aquamax 14000 Dry - 13500lph. 5.0m max head. 230 watts power consumption. 10m cable - Trade	$2229.99

2 year warranty. For an additional 1 year's warranty register your product via the Oase website. (Impellers and seals are consumables, cutting of the cable voids warranty)

SUBMERSIBLE PUMPS

Watercourse and Filter Reticulation Pumps - high flow at low pressure

Oase German Precision & Reliability

OASE AQUAMAX - pump curves see page 66

Watercourse & Filtration Pumps Model	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 (gravity fed only, no self prime)	Asynchronous motor (electronically adjustable)	Dimensions (mm)	Weight (Kg)	Warranty (excl. wearing parts (years)
2500 ECO Classic	2.2	1	10	23	43	2600	✔		190 x 175 x100	1.9	2
3500 ECO Classic	2.6	11/2"	10	45	58	3500	✔		280 x 230 x130	3.4	
5500 ECO Classic	2.8	11/2"	10	60	88	5300	✔		280 x 230 x130	3.4	
8500 ECO Classic	3.2	11/2"	10	80	138	8300	✔		280 x 230 x130	4.4	
11500 ECO Classic	3.3	11/2"	10	100	183	11000	✔		280 x 230 x130	5.0	
14500 ECO Classic	3.4	11/2"	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	
12000 LV (See Trade)	3.2	11/2	2.5+8	90	138	11400	✔		340 x 280 x165	10.6	
8000 Dry(See Trade)	3.0	11/2	10	100	125	7500	✔	✔	200 x 150 x170	3.2	
14000 Dry(See Trade)	5.0	11/2	10	230	225	13500	✔	✔	210 x 150 x170	5.00	

- 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 40% engery consumptin 2500E and 3500E
- Savings of up to 25% energy consumption

SUBMERSIBLE PUMPS

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

Oase German Precision & Reliability

FILTRAL - Pump, filter and UV in one versatile unit. Plug in and place in the pond

OASE now offers a multi function solution to owners of ponds up to 6000 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.

Oase Part No	CP Ref No.	Description	RRP
70233	SP12421	Filtral 1500 UVC -all in pond pump, filter and UVC5, 560lph, 0.9m max. head, 18w 1500l dec/700l fish	$549.99
70234	SP12422	Filtral 3000 UVC -all in pond pump, filter and UVC9, 1,200lph, 1.8m max. head, 36w 3000l dec/1500l fish	$699.99
70235	SP12423	Filtral 6000 UVC -all in pond pump, filter and UVC11 1700lph, 2.1m max. head, 52w 6000l 6dec/3000l fish	$899.99
2 year warranty. (Impellers, bulbs, seals are consumables. Bulbs have 1 yr life, cutting of the cable voids warranty)			

Filtral Model	Max. Head Height (m)	Outlet Size (inch)	Cable Length(m)	Power Consumption (Watt) (220 - 240 V/ 50 Hz)	Litres per hour. max	UV Bulb Watts	Dimensions (mm)	Filtration Capacity Decorative No Fish (m3)	Filtration Capacity with fish (m3)	Warranty (excl. wearing parts (years)
1500	0.9	1/2	10	18	560	5	207 x 228 x 130	1.5	0.7	2
3000	1.8	1/2,3/4,1	10	36	1200	9	269 x 245 x 140	3.0	1.5	
6000	2.1	1/2,3/4,1	10	52	1700	11	347 x 276 x 157	6.0	3.0	
Obsolete models										
2500	1.3	1/2	10	20	1000	7	347 x 183 x 160	2.5	1.3	
5000	2.3	1/2	10	35	2500	11	380 x 290 x 160	5.0	2.5	
9000	2.1	1/2,3/4,1	10	52	1700	13	347 x 276 x 157	9.0	4.5	

- Pump, UVC,filter and aeration function combined in one fully submersible unit.
- Comes with 3 quality Oase fountain nozzles.
- Contains 3 different filter materials to keep ponds clean and clear.
- Telescopic (height adjustable) fountain tube for different water depths, with aeration tube on 3k and 6k models.
- Flow adjustable T-piece for operating small water courses or water features.
- Discrete underwater positioning.
- Individual regulation of flow rate and fountain height.

Vulkan		Lava		Magma		
ø cm	H cm	ø cm	H cm	ø cm	H cm	
40	35	20	–	35	35	Filtral UVC 1500
90	110	40	–	100	110	Filtral UVC 3000
110	150	60	–	120	150	Filtral UVC 6000

"Price is what you pay - Value is what you get"

SUBMERSIBLE PUMPS

Watercourse and Filter Sets - pond kit in a box

Oase 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.

OASE Part No	CP Ref No.	Description	RRP inc GST
50810	SP21755	Biopress 4000 Set - Includes OASE filter pump foamlph, 1.9m max head, 7w UVC, Suitable for decorative ponds up to 4000 litres amd 2000 litres with goldfish.	$899.99
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	$1399.99
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.	$1599.99
2 year warranty. (Impellers, bulbs, seals are consumables. Bulbs have 1 yr life, cutting of the cable voids warranty)			

OASE BIOPRESS PUMP AND FILTERS SETS

Model	UVC Power Usage (Watts) if applicable (220 - 240 V/ 50 Hz)	Cable Length (m)	Max. Flow rate (l/hr)	Inlet Hose Adapter (inch)	Outlet	Dimensions D x H (mm)	Filtration Capacity		Warranty (years)
							No Fish (m3)	Goldfish (m3)	
4000	7	3+10	1500	3/4" - 1 1/2"	3/4" - 1 1/2"	225 x 335	4.0	2.0 *	2
6000	9	3+10	2500	3/4" - 1 1/2"	3/4" - 1 1/2"	350 x 450	6.0	3.0 *	
10000	11	3+10	3400	3/4" - 1 1/2"	3/4" - 1 1/2"	350 x 570	10	5.0 *	

* 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, max operating pressure 0.2 bar.
- 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

Water Feature Pumps - designed to push water vertically

CLEARPOND™ Versatile and Affordable

Waterfeature Pumps - Compact reliability, they just don't give up

The Clearpond 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.

CP Ref	Description	RRP
SPHP550	HP550 - Max flow 550lph. Power 10.5W. 0.95m Max head.	$54.99
SPPV650	PV650 - Max flow 850lph. Power 22W. 1.50m Max head. (Ftn kit incl no.30)	$109.99
SPPV1200	PV1200 - Max flow 1300lph. Power 30W. 1.85m Max head. (Ftn kit incl no.30)	$149.99
SPPV1600	PV1600 - Max flow 1900lph. Power 35W. 2.2m Max head. (Ftn kit incl no.30)	$189.99
SPPV2800	PV2800 - Max flow 2700lph. Power 75W. 2.7m Max head. (Ftn kit incl no.30)	$209.99
2 Year Warranty (Impellers and seals are consumables, cutting of the cable voids warranty)		

Model	Max. Head Height (m)	Inlet size (Inch)	Outlet size (mm)	Cable Length (m)	Power Consumption (Watt)	Litres per Hour max.	Suitable for Dry Install (Gravity fed only, no self prime)	Adjustable Flow Rate	Dimensions L X W X H (mm)	Warranty (years) (Excludes impeller)
HP550	0.95m	1/2	12	2	10.5	550	✔	✔	75 x 55 x 65	2
PV650	1.50	1/2	-	10	22	850	✔	✔	110 x 70 x 80	2
PV1200	1.85	1/2	15	10	30	1300	✔	✔	130 x 80 x 85	2
PV1600	2.2	1/2	15	10	35	1900	✔	✔	145 x 80 x 90	2
PV2800	2.7	1	15	10	75	2700	✔	✔	80 x 90 x 140	2

- Suction caps for sturdy fixing of pumps
- Suitable for ponds, indoor and outdoor water features

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

SUBMERSIBLE PUMPS

General Purpose Pumps

CLEARPOND™ Versatile and Affordable

General Purpose Pumps

PondMAX general purpose Submersible Pumps have been manufactured with advanced technology to provide you with the best quality pump for your pond or water feature.

CP Ref No.	Description All include 10m cable	RRP
SPEV1900	EV1900 - Max flow 1800lph. Power 12W. 2.4m Max head. (Ftn kit incl no.40)	$299.99
SPEV1910**LV**	EV1910, DC12v - Max flow 1800lph. Power 13W. 2.1m Max head. 1.2m+10m cable. (Ftn kit incl no.30)	$399.99
SPEV2900	EV2900 - Max flow 3000lph. Power 20W. 3.4m Max head. (Ftn kit Incl no.40)	$349.99
SPEV2910**LV**	EV2910 DC12v - Max flow 2800lph. Power 24W. 2.95m Max head. 1.2m+10m cable. (Ftn kit incl no.30)	$449.99
SPEV3900	EV3900 - Max flow 4000lph. Power 27W. 3.8m Max head. (Ftn kit Incl no.40)	$399.99
SPEV3910**LV**	EV3910 DC12v - Max flow 4000lph. Power 37W. 4.6m Max head. 1.2m+10m cable. (Ftn kit Incl no.40)	$499.99
SPEV4900	EV4900 - Max flow 4900lph. Power 45W. 5m Max head. (Ftn kit Incl no.40)	$449.99
SPEV4910**LV**	EV4910 DC12v - Max flow 4600lph. Power 45W. 5.1m Max head. 1.2m+10m cable. (Ftn kit Incl no.40)	$549.99
SPEV7200	EV7200 Pump - 7200lph, 5.5m max head, 85W 10m Cable, (**No** Ftn kit incl.)	$499.99
SPEV9200	EV9200 - Max flow 9300lph. Power 105W. 6m Max head. (**No** Ftn kit incl.)	$549.99
2 Year Warranty (Impellers and seals are consumables, cutting of the cable voids warranty)		

GENERAL PURPOSE PUMPS - pump height and flow chart see page 67-68

Model	Max. Head Height (m)	Inlet size MALE	Outlet size MALE	Cable Length (m)	Power Consumption (Watt) (220 - 240 V/ 50 Hz)	Litres per Hour max.	Suitable for Dry Install	Adjustable Flow Rate	Hose Size (mm)	Dimensions LxWxH (mm)	Warranty (years)
1900	2.4	1"	1"	10	12W	1800	✔	✔	25	180 x 120 x 110	2
1910LV	2.1	1"	1"	1.2+10	13W	1800	✔	✔	25	180 x 75 x 90	2
2900	3.4	1"	1"	10	20W	3000	✔	✔	25	225 x 95 x 75	2
2910LV	2.95	1"	1"	1.2+10	24W	2800	✔	✔	25	185 x 115 x 100	2
3900	3.8	1"	1"	10	27W	4000	✔	✔	25	225 x 95 x 75	2
3910LV	4.6	1"	1"	10 + 1.2	37W	4000	✔	✔	25	180 x 75 x 90	2
4900	5	1"	1"	10	45W	4900	✔	✔	32	225 x 95 x 75	2
4910LV	5.1	1"	1"	1.2+10	45W	4600	✔	✔	32	185 x 115 x 100	2
EV7200	5.5	1.5"	1.5"	10	85W	72000	✔	✔	38	115 x 80 x 120	2
9200	6	1.5"	1.5"	10	105W	9300	✔	✔	38	230 x 140 x 140	2

SUBMERSIBLE PUMPS

Watercourse and Filter Reticulation Pumps - high flow at low pressure

PondMAX

PONDMAX FILTRATION & WATERFALL PUMPS - Dual inlet, energy efficient, low watt.

The PondMAX PU Series Filtration Pumps are ideal for fish ponds and filtration systems. Soft Start and Anti-Jam Technology prevent burnout in the event of blockage.

CP Ref No.	Description	RRP
SPPU3500	Pondmax 3500 - Max flow 3600lph. Power 20W. 2.4m Max head. 10m cable.	$349.99
SPPU5500	Pondmax 5500 - Max flow 5500lph. Power 40W. 4.7m Max head. 10m cable.	$419.99
SPPU7500	Pondmax 7500 - Max flow 7500lph. Power 70W. 5.3m Max head. 10m cable.	$449.99
SPPU10500	Pondmax 10500 - Max flow 10500lph. Power 100W. 5.6m Max head. 10m cable.	$549.99
SPPU12500	Pondmax 12500 - Max flow 12500lph. Power 140W. 8.1m Max head. 10m cable.	$599.99
SPPX15000	Pondmax 15000 - Max flow 15200lph. Power 210W. 5.5m Max head. 10m cable.	$699.99
SPPX25000	Pondmax 25000 - Max flow 25000lph. Power 620W. 9.5m Max head. 10m cable.	$899.99
2 Year Warranty (Impellers and seals are consumables, cutting of the cable voids warranty)		

PU & PX PUMPS - pump height and flow chart see page 69

Model	Max. Head Height (m)	Inlet size BSP MALE	Outlet size BSP MALE	Outlet Ball Joint & Stepped Tail	Cable Length (m)	Power Consumption (Watt) (220 - 240 V/ 50 Hz)	Litres per Hour max.	Suitable for Dry Install (gravity fed only, no self prime)	Hose Sie (mm)	Dimesions LxWxH (mm)	Warranty (years)
3500	2.4	1"	1"	25, 32, 40mm	10	20W	3600	✔	25	180 x 260 x 110	2
5500	4.7	1"	1"	25, 32, 40mm	10	40W	5500	✔	32	255 x 210 x 120	2
7500	5.3	1.5"	1.5"	25, 32, 40mm	10	70W	7500	✔	38	255 x 210 x 120	2
10500	5.6	1.5"	1.5"	25, 32, 40mm	10	100W	10500	✔	38	300 x 250 x 140	2
12500	8.1	1.5"	1.5"	25, 32, 40mm	10	140W	12500	✔	38	300 x 240 x 130	2
15000	5.5	1.5"	1.5"	25, 32, 40mm	10	210W	15200	✔	38	360 x 154 x 190	2
25000	9.5	1.5"	1.5"	25, 32, 40mm	10	620W	25000	✔	50	360 x 154 x 190	2

- **"Dual Inlet Capable"** - PU models have inlet valving to facilitate the drawing of water from 2 locations in the pond
- Soft Sedimant handling up to 6mm
- Thermal self protection and water sensor - if no water is sensed the pump will run at only 3w
- Ok in saltwater - ensure regular maintenance to avoid salt buildup

SOLAR

Solar Pumps - no power no problem

PondMAX **Versatile and Affordable**

No power no problem they come alive when the sun comes out

Our solar 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. Fountain kit included with all solar pumps excluding PS3500.

CP Ref	Description	RRP
S200	Pondmax Solar PS200 - Max flow 175lph. Power 1W. 0.7m Max head. 5m cable.	$119.99
S600	Pondmax Solar PS600 - Max flow 630lph. Power 6.5W. 1.6m Max head. 5m cable.	$219.99
S1700	Pondmax Solar PS1700 - Max flow 1700lph. Power 35W. 2.6m Max head. 5m cable.	$499.99
S3500	Pondmax Solar PS3500 - Max flow 3400lph. Power 50W. 3m Max head. 5m cable. No fountain kit.	$999.99
2 Year Warranty (Impellers and seals are consumables, cutting of the cable voids warranty)		

SOLAR PUMPS - pump height and flow chart see page 68

Model	Max. Head Height (m)	Outlet Size (mm)	Cable Length (m)	Litres per Hour max.	Warranty (years)
PS200	0.7	6	5	170	175 HRS
PS600	1.6	13	5	610	630 HRS
PS1700	2.6	12.5	5	1650	1700 HRS
PS3500	3	25/ 32 / 40	5	3400	2

HOSE & HOSE ACCESSORIES

Oase

PONDFLEX- black corrugated, non kink, UV stabilised

CP Ref No.	Description - Internal Diameter	Meter Rate	RRP *Full Roll
HA30981	Clearpond Pondflex Black – 30m x 13mm	*$9.99*	$284.99
HA30982	Clearpond Pondflex Black – 30m x 19mm	*$11.99*	$334.99
HA30983	Clearpond Pondflex Black – 30m x 25mm	*$16.99*	$474.99
HA30984	Clearpond Pondflex Black – 30m x 32mm	*$19.99*	$569.99
HA30985	Clearpond Pondflex Black – 30m x 38/40mm	*$26.99*	$759.99
HA31534	Clearpond Pondflex Black – 30m x 51mm	*$36.99*	$1044.99
HA32471	Clearpond Pondflex Black – 76mm per metre only – suits OASE Biotec	$129.99	

CLEARPOND™ **Versitile and Affordable**

SPIRAL HOSE CLAMPS

CP Ref No.	Description	RRP
HA32890	Spiral hose clamp 13mm	$2.50
HA32891	Spiral hose clamp 19mm	$2.99
HA32892	Spiral hose clamp 25mm	$3.99
HA32870	Spiral hose clamp 40mm	$4.19
HA32895	Spiral hose clamp 51mm	$4.99
HA32896	Spiral hose clamp 76mm	$8.95

Easy Online Order Facility

Now available at

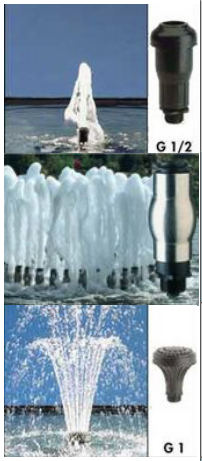
www.clearpond.co.nz

FOUNTAIN NOZZLES

OASE Fountain Nozzles - Oase creative design and quality

Oase German Precision & Reliability

OASE FOUNTAIN NOZZLES



CP Ref No.	Description	Warehoused in Auckland	RRP
FH31865	OASE Schaumsprudler 22.5K	Y	$169.99
FH31886	OASE Schaumsprudler 35-10E	Y	$549.99
FH31874	OASE Vulkan 37-2.5K	Y	$209.99
FH22635	CP Comet Nozzle 1/4 - 6.25mm	Y	$39.99
FH22636	CP Comet Nozzle 1/2 - 12.5mm	Y	$55.99
FH22637	CP Comet Nozzle 1" - 25mm	Y	$79.99

PONDMAX FOUNTAIN NOZZLES

CP Ref No.	Description	RRP
PartSPEK377	PondMAX No. 30 Fountain Kit Suitable for SPEV1900, SPEV2900, SPEV3900, SPEV3910LV , SPEV4910LV	$24.99
PartSPEK378	PondMAX No. 40 Fountain Kit Suitable for SPEV1910LV , SPEV2910LV Extension cable.	$35.99

SEE PAGE 65 FOR COMET FOUNTAIN NOZZLE PERFORMANCE

For Oase Trade Range see page 39

	Lava 20 - 5 K		Schaumsprudler 22 - 5 K		Schaumsprudler 35 - 10 E		Magma		Vulkan 31 - 1,5 K		Vulkan 37 - 2,5 K	
Connection fountain pump	1/2"		1/2"		1"		1/2"		1/2"		1"	
Water-level dependent	No		No		No		No		No		No	
Material	Plastic		Plastic		Plastic		Plastic		Plastic		Plastic	
	Ø cm	H cm	Ø cm	H cm	Ø cm	H cm			Ø cm	H cm	Ø cm	H cm
Aquarius Fountain Set 1000	35	-	-	-			70	80	40	65		
Aquarius Fountain Set 1500	45	-	-	30			110	120	60	110		
Aquarius Fountain Set 2500	55	-	-	45			160	170	85	145		
Aquarius Fountain Set 3500	60	-	-	50			170	200	100	155		
Aquarius Universal 3000					-	50					65	80
Aquarius Universal 4000					-	60					85	100
Aquarius Universal 6000					-	90					130	200
Aquarius Universal 9000					-	180					220	370
Aquarius Universal 12000					-	220					250	450
Filtral UVC 1500							35	35	40	35		
Filtral UVC 3000							100	110	90	110		
Filtral UVC 6000							120	150	110	150		

* Adjustment via Pump

SPARE PARTS - PUMPS

CLEARPOND™ Versatile and Affordable

IMPELLORS for Oase and PondMAX pumps.

Has the flow of your pump dramtically reduced? Or possibly your pump is making strange sounds.

It is possible your pump may just require a new impellor. We have a comprehensive range of impellors available.

Please contact us for pricing and avaliablity.

(Please note: Impellors are consumables and therefore not covered under warranty)

WATER FILTRATION & UV

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

Oase German Precision & Reliability

FILTRAL - Pump, filter and UV in one versatile unit. Plug in and place in the pond

OASE now offers a multi function solution to owners of ponds up to 6000 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.

Oase Part No	CP Ref No.	Description	RRP
70233	SP12421	Filtral 1500 UVC -all in pond pump, filter and UVC5, 560lph, 0.9m max. head, 18w 1500l dec/700l fish	$549.99
70234	SP12422	Filtral 3000 UVC -all in pond pump, filter and UVC9, 1,200lph, 1.8m max. head, 36w 3000l dec/1500l fish	$699.99
70235	SP12423	Filtral 6000 UVC -all in pond pump, filter and UVC11, 1700lph, 2.1m max. head, 52w 6000l dec/3000l fish	$899.99
2 year warranty. (Impellers, bulbs, seals are consumables. Bulbs have 1 yr life, cutting of the cable voids warranty)			

Filtral Model	Max. Head Height (m)	Outlet Size (inch)	Cable Length(m)	Power Consumption (Watt) (220 - 240 V/ 50 Hz)	Litres per hour. max	UV Bulb Watts	Dimensions (mm)	Filtration Capacity Decorative No Fish (m3)	Filtration Capacity with fish (m3)	Warranty (excl. wearing parts (years)
1500	0.9	1/2	10	18	750	5	207 x 228 x 130	1.5	0.7	2
3000	1.8	1/2,3/4,1	10	36	1500	9	269 x 245 x 140	3.0	1.5	
6000	2.1	1/2,3/4,1	10	52	1700	11	347 x 276 x 157	6.0	3.0	
Obsolete models										
2500	1.3	1/2	10	20	1000	7	347 x 183 x 160	2.5	1.3	
5000	2.3	1/2	10	35	2500	11	380 x 290 x 160	5.0	2.5	

- Pump, UVC,filter and aeration function combined in one fully submersible unit.
- Comes with 3 quality Oase fountain nozzles.
- Contains 3 different filter materials to keep ponds clean and clear.
- Telescopic (height adjustable) fountain tube for different water depths, with aeration tube on 3k and 6k models.
- Flow adjustable T-piece for operating small water courses or water features.
- Discrete underwater positioning.
- Individual regulation of flow rate and fountain height.

Vulkan		Lava		Magma		
ø cm	H cm	ø cm	H cm	ø cm	H cm	
40	35	20	–	35	35	Filtral UVC 1500
90	110	40	–	100	110	Filtral UVC 3000
110	150	60	–	120	150	Filtral UVC 6000

"Price is what you pay - Value is what you get"

WATER FILTRATION & UV

Watercourse and Filter Sets - pond kit in a box

Oase 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 foamlph, 1.9m max head, 7w UVC, Suitable for decorative ponds up to 4000 litres amd 2000 litres with goldfish.	$899.99
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	$1399.99
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.	$1599.99
2 year warranty. (Impellers, bulbs, seals are consumables. Bulbs have 1 yr life, cutting of the cable voids warranty)				

Biopress Model	UVC Power Usage (Watts) if applicable (220 - 240 V/ 50 Hz)	Cable Length (m)	Max. Flow rate (l/hr)	Inlet Hose Adapter (inch)	Outlet	Dimensions D x H (mm)	Filtration Capacity Decorative No Fish (m3)	Filtration Capacity with fish (m3)	Warranty (excl. wearing parts (years)
4000	7	3+10	1500	18	3/4" - 1 1/2"	225 x 335	4.0	2.0*	2
6000	9	3+10	2500	36	3/4" - 1 1/2"	350 x 450	6.0	3.0*	
10000	11	3+10	3400	35	3/4" - 1 1/2"	350 x 570	10	5.0*	

* 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, max operating pressure 0.2 bar.
- 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

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

WATER FILTRATION & UV

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

Oase 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.

Oase Part No	CP Ref No.	Description	RRP
77776	FU77788	Filtoclear 5000 – suitable for a pond with fish up to 2,500 litres – suitable for a decorative pond up to 5,000 litres. 5m cable	$1399.99
77777	FU77777	Filtoclear 13000 – suitable for a pond with fish up to 7,000 litres – suitable for a decorative pond up to 13,000 litres. 5m cable	$1999.99
77778	FU77778	Filtoclear 19000 – suitable for a pond with fish up to 10,000 litres – suitable for a decorative pond up to 5,000 litres. 5m cable	$2349.99
77779	FU88450	Filtoclear 31000 – suitable for a pond with fish up to 15,000 litres – suitable for a decorative pond up to 31,000 litres. 5m cable	$3299.99

2 year warranty. For an additional 1 year warranty register your product via the Oase website. (Bulbs are a consumable with 1 year life)

OASE FILTOCLEAR - UV bulb sizes see page 23

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	
5000	18	5	1 1/2" - 2"	1 1/2" - 2"	380 x 370	5000	2500	2 years
13000	24	5	1 1/2" - 2"	1 1/2" - 2"	380 x 488	13000	7000	
19000	42	5	1 1/2" - 2"	1 1/2" - 2"	380 x 608	19000	10000	
31000	60	5	1 1/2" - 2"	1 1/2" - 2"	380 x 728	31000	15000	

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.
- If disassembling to clean the filters - Use pond water to ensure the build up of good bacteria is not effected.

WATER FILTRATION & UV

OASE Gravity Filters

German Precision & Reliability

BIOSMART - gravity fed flow through filter

The Biosmart 36,000 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.

Oase Part No	CP Ref No.	Description	RRP
56641	FU33066	Biosmart 36,000 Filter – suitable for a pond with fish of up to 18,000 litres – suitable for a decorative pond of up to 36,000 litres	$1999.99
2 year warranty.			

See trade section for Biotec filter range

OASE BIOSMART 36,000

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	
Biosmart 36k	4	4	8000	2 x 1" - 1 1/2"	DN 70	770 x 555 x 405	36000	18000	2

- Quick and easy to clean foams.
- Multi-stage filtration materials.
- Easy to remove waste via sludge drain.
- Biosmart 36,000 connects to Vitronic 36 and Biotec 36C

WATER FILTRATION & UV

UVC CLARIFIERS - algae flocculators, pathogen and bacteria control

Oase 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).

Oase Part No.	CP Ref No.	Ultra Violet Lights	RRP
56885	FU22314	Vitronic 36 UVC - Max. flow 6,000lph, 36w max. Operating pressure 0.6bar	$949.99
2 year warranty. (1 year UV bulb warranty - consumable with 1 year life)			

See Trade section for Bitron 36 - 110C range.

PondMAX 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.

CP Ref No.	Description	RRP
PartF33183	Prefilter – 150 x 100 x 100mm with 1/2in / 15mm BSP adaptor	$29.99
PartF33185	Prefilter – 300 x 120 x 120mm with 1/2in / 15mm BSP 1in / 25mm BSP adaptor.	$39.99

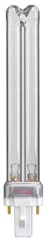
For the UVC / LAMP CHART see page 23

SPARE PARTS - FILTRATION AND UV

Oase 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



CP Ref No.	Description	RRP
PartL12428	OASE 5W Lamp	$54.99
PartL22133	OASE 7W Lamp	$64.99
PartL31661	OASE 9W Lamp	$69.99
PartL32554	OASE 11W Lamp	$74.99
PartL30990	OASE 13W Lamp	$79.99
PartL30012	OASE 18W Lamp	$119.99
PartL30013	OASE 24W Lamp	$139.99
PartL31900	OASE 36W Lamp	$159.99
PartL33324	OASE 55W Lamp	$199.99

UVC GLOBE / LAMP CHART

	Bitron 25	Bitron C 36 W	Bitron C 55 W	Bitron C 72 W	Bitron C 110 W	Filtoclear 5000	Filtoclear 13000	Filtoclear 19000	Filtoclear 3000	Filtoclear 6000	Filtoclear 11000	Filtoclear 15000	Filtoclear 12000	Filtoclear 16000	Filtoclear 20000	Filtoclear 30000	Filtoclear 31000	Filtral UVC 1500	Filtral UVC 2500	Filtral UVC 3000	Filtral UVC 5000	Filtral UVC 6000	Filtral UVC 9000	Biopress 4000	Biopress 6000	Biopress 10000
5 Watt																		v								
7 Watt																			v					v		
9 Watt									v											v					v	
11 Watt										v	v	v									v	v				v
13 Watt																							v			
18 Watt						v							v													
24 Watt							v							v												
25 Watt	v																									
36 Watt		v		v v											v											
42 Watt								v																		
55 Watt			v		v v											v										
60 Watt																v	v									

SPARE PARTS - FILTER FOAM

Oase German Precision & Reliability

SPARE PARTS - FILTER FOAMS

*New foams set

Oase Part No	CP Ref No.	Description	RRP
32890	PartF32636	Filter Set Filtoclear 3000 2xB, 1xR	$179.99
56110	PartF32637	Filter Set Filtoclear 6000 3xB, 3xR	$209.99
56111	PartF32638	Filter Set Filtoclear 11000 4xB, 4xR	$469.99
51255	PartF20803	Filter Set Filtoclear 12000 3xBn, 2xRn	$499.99
56884	PartF29691	Filter Set Filtoclear 15000 6xB, 6xR	$229.99
51258	PartF20802	Filter Set Filtoclear 16000 4xBn, 3xRn	$569.99
51290	PartF21360	Filter Set Filtoclear 20000/30000 5xBn, 4xRn	$369.99
	New Stock- TBA	Filter Set Filtoclear 5000	TBA
	New Stock -TBA	Filter Set Filtoclear 13000	TBA
	New Stock -TBA	Filter Set Filtoclear 19000	TBA
	New Stock- TBA	Filter Set Filtoclear 31000	TBA
13705	PartF21277	Filter Set Filtral 2500	$89.99
25836	PartF22490	Filter Set Filtral 5000	$103.99
70240	PartF12435	Filter Set Filtral 1500	$69.99
70241	PartF12430	Filter Set Filtral 3000	$99.99
70242	PartF12431	Filter Set Filtral 6000 & 9000	$119.99
15558	PartF21447	Filter Set Biopress 4000	$89.99
15564	PartF21446	Filter Set Biopress 6000/ 10000	$109.99

***Many more spare parts are available please contact us sales@clearpond.co.nz**

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

SKIMMERS

Oase 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 aswell as improving the biological functions of the pond and biological filter.

Oase Part No	CP Ref No.	Description	RRP
56907	FU33372	Aquaskim 40 – recommended flowrate 4,000-16,000 lph, height adjustable 300-500mm, 550-830mm, max. pond skimming area 40m2.	$499.99
57384	FU22316	OASE Swimskim 25 - Dimensions 332x297x250mm. Power Consumption 40W. Aeration function 300lph. Max pump flow rate 2500lph. Max pond skimming area 25m2.	$599.99
2 year warranty.			

Oase 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	$249.99
AP22276	AquaOxy 1000 external pond air pump 1000L/hr, 15w, 2x5m airhose	$549.99
AP29689	AquaOxy 2000 external pond air pump 2000L/hr, 25w, 2x5m airhose	$599.99
AP22134	AquaOxy 4800CWS external pond air pump 4800L/hr, 60w, 4x5m airhose	$899.99
2 year warranty.		

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

PondMAX

CP Ref No.	Description	RRP
AP2803	PondMAX PA10 Aeration Pump Kit	$159.99
2 year warranty.		

UNDERWATER LIGHTING

Oase German Precision & Reliability

OASE LIGHTING - Commercial grade lighting for around the home

Oase Part	CP Ref	Description	RRP
57140	LM22135	Lunaqua mini – Set of 3 LED warm lights with transformer (cable2+3m,1.5m,1.5m)	$599.99
50527	LM21752	Lunaqua Classic LED Set One - 12V, single light set, 1.3W with transformer (cable 2 + 5m)	$259.99
50530	LM21750	Lunaqua Classic LED Set Three - 12V, 3 light set, 1.3W with transformer (cable 2+3 x5m)	$459.99
57034	LM12255	Lunaqua 3 LED Set 1 - 12V, single light set, IP68, IP44 (power unit), 3W per light (cable 2+5m)	$419.99
57035	LM12256	Lunaqua 3 LED Set 3 - 12V, three light set, IP68, IP44 (power unit), 3W per light (cable 2+3 x5m)	$899.99

PondMAX

CP Ref	Description	RRP
LM04PL680	PondMAX 1LED Warm Pond/Garden Light - 1 light, 4.2 Watts of power in a soft warm white light - up to 5 lights can be daisy chained off one transformer.	$69.99
LM04PL686	PondMAX 3W Warm 3 LED Warm Pond / Garden Light	$169.95
LM04PL682	PondMAX 3LED Multi Coloured Pond/Garden Light - easy to use 8 multi colour function remote control. daisy chain up to 3 lights. With remote.	$179.99
LM04PL683	PondMAX 3LED Multi Coloured Pond/Garden Light - easy to use 8 multi colour function remote control. daisy chain up to 3 lights. No remote.	$129.99
LMT04ST016	PondMAX 12v Transformer 20.4VA - 10m cable, 13W, outdoor rated. Dimensions 55 x 60 x 75	$103.99
LMT04ST017	PondMAX 12v Transformer 30VA 2500 mA - 10m cable, 20W, outdoor rated. Dimensions 65 x 70 x 75	$104.99
Please note ALL PondMAX LED Lights require a transformer.		

PRE-FORMED PONDS

Oase German Precision & Reliability

CP Ref	OASE HDPE Preformed Ponds ORGANIC	RRP
P21372	OASE Preformed Pond PE 500 1780mm x1260mm x 560mm -8.5kg	$649.00
P21373	OASE Preformed Pond PE 750 2100mm x 1400mm x 600mm -17.1kg	$995.00
P21374	OASE Preformed Pond PE 1000 2400mm x 1400mm x 620mm -19kg	$1095.00

CP Ref	PondMAX Heavy Duty Ponds	RRP
P33282	Heavy duty Rectangle Medium 1205 x 775 x 450, 400 litres.	$695.00
P30008	Heavy duty Rectangle Large - 1650 x 1100 x 600, 1050 litres.	$1295.00

POND/DAM/LAKE LINER & SEALERS

CLEARPOND™ Versatile and Affordable

PVC AND LINER UNDERLAY ROLLS

CP Ref No.	Description + per metre cut to length price incl gst	Full Roll (incl gst) RRP	Per m2
PL20791	PVC 30m x 6m x .5mm (per 1m x6m wide)	$POA	$POA
PL20788	PVC 30m x 8m x .5mm (per 1m x8m wide)	$POA	$POA
PL30001	Liner underlay per roll 50m x 2m (per 1m x2m wide)	$POA	$POA

*** Price is for full rolls or nearest 2m length - PVC is 0.625 kg/m²**

EPDM Liner

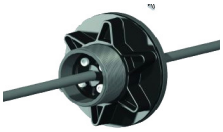
Decorative garden ponds with or without fish up to large aquacultural applications and small lakes. EPDM liner has been laboratory tested to be non harmful to fish, drinking water and aquatic life. The liner is easy to install, comes with a long guarantee and is textured so as to help with the natural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

CP Ref No.	Description	Full Roll* (incl gst) RRP	Per m2
PL33091	EPDM Liner 30m x 4.5m 1.0 mm (per 1m x 4.5m wide)	$POA	$POA
PL33092	EPDM Liner 30m x 6m 1.0mm (per 1m x 6m wide)	$POA	$POA
PL33090	EPDM Liner 30m x 12m 1.2mm (per 1m x 12m wide)	$POA	$POA
PL33301	EPDM Liner 30m x 15m 1.2mm (per 1m x 15m wide)	$POA	$POA

EPDM liner 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.

LINER ACCESSORIES

CP Ref No.	Description	RRP
PS22633	Underwater Sealer - 290ml Black	$49.99
PS22634	Underwater Sealer - 290ml Clear	$49.99
PL29811	OASE Tradux – Wall & liner transition for cables & hose	$199.99



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

POND ACCESSORIES

CLEARPOND™ Versatile and Affordable

WATERFALL FOAM - Expands and fills voids between rocks and liner.

CP Ref No.	Description	RRP
PS21PF180	PondMAX Black Waterfall Foam - 425g	$64.99

PondMAX Black Waterfall Foam expands and fills voids between rocks and liner, so as to divert water in a desired direction. It simplifies waterfall construction and can be easier to use and apply than mortar. The black colour of the foam will blend into the waterfall setting and maintain its durability. The PondMAX Black Waterfall Foam will not hurt fish or other aquatic life. It cures within 40 minutes and excess foam can be easily removed if necessary, once it's dried.

A can of PondMAX Black Waterfall Foam holds roughly 12.3L (750in3) of expanded foam; this makes a bead of foam 1.27cm (1/2in) diameter about 165cm (5.41ft) long. Cured foam resists solvents, water and weathering

FEATURES

- SAFE FOR FISH & AQUATIC LIFE
- BONDS, SEALS & FILLS
- LONG-LASTING COLOUR DURABILITY
- UV STABILISED
- NON TOXIC

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

SHEER DESCENT & WATERFALL SPILLWAYS

PondMAX Stainless Steel Sheer Descent

CP Ref No.	Description	RRP
SF32839	PondMAX 316 Stainless Steel Sheer Descent W X H X D 600mm x 86 x 60mm rear entry. 1 x 32mm threaded rear entry.	$799.99
SF32840	PondMAX 316 Stainless Steel Sheer Descent W X H X D 900mm x 86 x 60mm rear entry. 1 x 32mm threated rear entry.	$1249.99
SF32841	PondMAX 316 Stainless Steel Sheer Descent W X H X D 1200mm x 86 x 60mm rear entry. 2 x 32mm threaded rear entry.	$1349.99

CLEARPOND™ Versatile and Affordable

CLEARPOND Aquafalls, Waterfall Diffusers and Spillways

CP Ref No.	Description	RRP
SF22563	Clearpond Waterfall Diffuser - 23'	$829.99
SF22565	Clearpond Waterfall Spillway - 12"	$579.99

POND VACCUUMS

German Precision & Reliability

OASE & PondMAX Vacuums - sucks up silt and debris, without the need to change the pond water

CP Ref No.	Description	RRP
VA22304	PondMAX PV350L Pond Vacuum 1400W, Max. Suction 18Kpa, 4.5m suction hose & 1.5m Discharge	$649.99
VA22303	OASE Pondovac Classic	$1029.99
VA22161	OASE Pondovac Version 4 suction depth 2.4m 1800W motor 4m cable	$1499.99
2 year warranty.		

PondMAX PV350L & Pondovac Classic

- The PondMAX PV350L & Pondovac Classic are a simple and fast way to remove debris and decaying organic matter without having to drain the pond
- They alternates between suction and draining - it suctions until the tank is full, automatically drains, then returns to suction once draining is complete
- The Oase Pondovac Classic carries the guarantee of the Oase brand.

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.

*** SEE PAGE 43 FOR COMMERCIAL VACUUM (PONDOVAC 5)**

WATER TREATMENTS

CLEARPOND™ **Versatile and Affordable**

WATER TREATMENTS

PondMAX Algae Block and Pond Conditioner

Quantity	Coverage	Benefits	Instructions
4 x 15gram blocks	800 litres (200 litres per 15 gram block) DO NOT OVERDOSE	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

CP Ref No.	Description	RRP
WT32827	PondMAX –Algae Block and Pond Conditioner (Block of 4) – Algae containment blocks for use in small ornamental ponds & water features	$24.99

PondMAX CleanMAX+

Quantity	Coverage	Benefits	Instructions
940ml	36,340 litres of pond water	Creates a healthy and clear aquatic environment Reduces overall pond maintenace Works to eliminate unwated aquatic debris Safe for fish and plants if used at recommended dosage rates	Apply 30ml for every 1000L of water once a week, repeated every 3 days until desired result Can be applied directly to the pond. Product can be mixed in a bucket of pond water to evenly spread around pond or fountain. Remove heavy algae growths before treatment Ensure pumps and filtration are running and that the pond is well aerated during treatment

CP Ref No.	Description	RRP
WT32408	PondMAX CleanMAX+ 940ml (Algaecide – Treats 36,340 lts) Safe for fish & Aquatic Plants	$94.99

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

WATER TREATMENTS

PondMAX Natural String Algae Powder

Quantity	Coverage	Benefits	Instructions
180G	18000 litres	Naturally clears blanket weed (string algae) in your pond. Contains unique natural plant extracts & bacteria. Highly concentrated formulation. Safe for all pondlife and harmless to aquatic plants.	Add 10g (1 scoop) of treatment per 1000L of pond water every week for 1 month Add 1 scoop every fortnight to maintain pond efficiency Wash hands after use

CP Ref No.	Description	RRP
WT51651	PondMAX Natural String Algae Powder 180G (Treats 18000L of water)	$69.99

TRADE

SUBMERSIBLE PUMPS - TRADE

Fountain and Water Feature Pumps - designed to push water vertically

Oase **German Precision & Reliability**

AQUARIUS ECO EXPERT - fountain pumps

NEW MODELS 30-40% LESS POWER CONSUMPTION

The Aquarius Universal fountain pumps comprise the beginning of the OASE Profiline. 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.

Oase Part No	CP Ref No.	Description	RRP
42405	SP12241 new	Aquarius Eco Expert 22000 lph, 9.6m max head, 350 watts, 10m cable	$ 4199.99
42404	SP12242 new	Aquarius Eco Expert 28000 lph, 10m max head, 440 watts, 10m cable	$ 5199.99
54612	SP12398 new	Aquarius Eco Expert 36000 lph, 10.2m max head, 550 watts, 10m cable	$5599.99
54613	SP12399 new	Aquarius Eco Expert 44000 lph, 10.5m max head, 700 watts, 10m cable	$ 6999.99

OASE AQUARIUS ECO EXPERT - pump curves see page 70

Waterwall and Projecting Waterwall Pumps Model	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)	Warranty (years)
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 - TRADE

Watercourse and Filter Reticulation Pumps - high flow at low pressure

Oase **German Precision & Reliability**

NEW MODELS 30-40% LESS POWER CONSUMPTION

AQUAMAX ECO EXPERT - 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 course debris particles of up to 8mm in size. Pumps come with a 5 year guarantee.

Aquamax Eco Premium

Aquamax Eco Expert

Oase Part No	CP Ref No.	Description	RRP
39916	SP11746 new	AquaMax Eco Expert 21,000 lph, 8m max. head, 40-350 watts. 10m cable	$ 4199.99
39917	SP11747 new	AquaMax Eco Expert 26,000 lph, 8.5m max. head, 60-440 watts. 10m cable	$ 4699.99
54614	SP12400 new	AquaMax Eco Expert 36,000 lph, 9m max. head, 90-540 watts. 10m cable	$5599.99
54615	SP12401 new	AquaMax Eco Expert 44,000 lph, 9.5 max. head, 140-700 watts. 10m cable	$6999.99
39918	SP11610	OASE Aquamax Eco Titanium 50,000 - 48,000 lph, 4m max.head, 320w. 10m cable	$POA
50730	SP21746	Aquamax Eco 6000 Dual Inlet **12v,** 6,000 lph, 3.2m max. head, 55 watts. 2.5m+8m cable.	$POA
50382	SP32310	Aquamax Eco 12000 Dual Inlet **12v**, 12,000 lph, 3.2m max. head, 100 watts. 2.5m+8m cable.	$POA
56406	SP12402	Aquamax Eco Expert 20000 **12v**, 19,300 lph, 4.6m max. head, 260 watts. 2.5m+8m cable.	$POA

- Pumps coarse debris up to 11mm in size
- Outstanding water displacement between 20000 and 41000 litres p/h
- 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

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 an fountains, allowing the user to adjust the water display to suit their mood. A controller for the OASE AquaMax 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.

OASE AQUAMAX EXPERT - pump curves see page 71

SUBMERSIBLE PUMPS - TRADE

Watercourse and Filter Reticulation Pumps - high flow at low pressure

Oase

AQUAMAX DRY - designed for dry installation

Especially for dry installation below the water level i.e. gravity feed, the pump won't self prime

OASE Part No	CP Ref No.	Description	RRP inc GST
50066	SP22312 COMM	OASE Aquamax 8000 Dry - 7500lph. 3.0m max head. 100 watts power consumption. 10m cable - Trade	$1999.99
50068	SP22313 COMM	OASE Aquamax 14000 Dry - 13500lph. 5.0m max head. 230 watts power consumption. 10m cable - Trade	$2229.99

OASE AQUAMAX TRADE RANGE - pump curves see page 70

Waterwall and Projecting Waterwall Pumps Model	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)	Asynchronous motor (electronically adjustable)	Dimensions (mm) L x W x H	Weight (grams)	Warranty (years)
DRY 14000	5	1.5	10	230	225	13500	✔	✔	210 x 150 x 170	5	3 + 2 = 5
21000	8	2	10	350	350	21000	✔	✔	490 x 240 x 210	12.0	
26000	8.5	2	10	440	433	26000	✔	✔	490 x 240 x 210	12.0	
36000	9	2	10	540	600	36000	✔	✔	540 x 250 x 220	14.9	
44000	9.5	2	10	700	733	44000	✔	✔	540 x 250 x 220	14.9	
6000 12V	3.2	2	2.5+8	55	100	6000	✔	✔	340 x 280 x 165	8.7	
12000 12V	3.2	2	2.5+8	100	190	11400	✔	✔	340 x 280 x 165	10.6	
20000 12V	4.6	2	2.5+8	260	322	19300	✔	✔	490 x 240 x 210	14.6	

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

FOUNTAIN NOZZLES - TRADE

Fountain Heads and Hi-Flow Floating Nozzles

Fountain Technology: Fountain Heads & Fountain Rings

Please contact us for commercial fountains.

Oase Part No	CP Ref No.	Description	RRP
50950	31884	OASE Vulkan 43-3T	$1699.99

CP Tulip

Vulkan

Clearpond Fountain Head Performance Chart Model	Spray Pattern (metres)	L/min	Metres Head
Wide Tulip	1.22 H x 4.57 D	234.70	3.35
	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**

UVC - TRADE

OASE Bitron UV - algae flocculators, pathogen and bacteria control

Oase 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 large ponds and lakes They are self cleaned by a cleaning rotor that is powered by the water flow around the quartz tube. A 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)**.

Oase Part No.	CP Ref No.	Ultra Violet Lights	RRP
56368	FU33195 COMM	Bitron 36C – 36w maximum flow through without bypass 4,500lph maximum pump performance 30,000lph. 5m cable	$1299.99
56624	FU33064 COMM	Bitron 55C – 55w maximum flow through without bypass 6,500lph maximum pump performance 30,000lph. 5m cable	$1799.99
56901	FU33375 COMM	Bitron 72C – 72w maximum flow through without bypass 9,000lph maximum pump performance 40,000lph. 5m cable	$2099.99
56902	FU33374 COMM	Bitron 110C – 110w maximum flow through without bypass 12,000lph maximum pump performance 40,000lph. 5m cable	$2399.99

UVC GLOBE / LAMP CHART

	Bitron 25	Bitron C 36 W	Bitron C 55 W	Bitron C 72 W	Bitron C 110 W	Filtoclear 5000	Filtoclear 13000	Filtoclear 19000	Filtoclear 3000	Filtoclear 6000	Filtoclear 11000	Filtoclear 15000	Filtoclear 12000	Filtoclear 16000	Filtoclear 20000	Filtoclear 30000	Filtoclear 31000	Filtral UVC 1500	Filtral UVC 2500	Filtral UVC 3000	Filtral UVC 5000	Filtral UVC 6000	Filtral UVC 9000	Biopress 4000	Biopress 6000	Biopress 10000
5 Watt																		v								
7 Watt																			v					v		
9 Watt									v											v					v	
11 Watt										v	v	v									v	v				v
13 Watt																							v			
18 Watt						v							v													
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42 Watt								v																		
55 Watt			v		v v											v										
60 Watt																v	v									

FILTRATION - TRADE

OASE Filters for Large Ponds - with "Screenmatic" silt and debris removal

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.

Oase Part No	CP Ref No.	Description	RRP
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	$3499.99
	FU12244 COMM	Biotec 90,000 Screenmatic flow through filter – suitable with fish of up to 45,000 litres – suitable for a decorative pond of up to 90,000 litres	$4499.99
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	$6999.99
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	$6999.99

OASE BIOTEC 60, 90, 140 SCREENMATICS & BIOTEC 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		Warranty (years)
							No Fish	Goldfish	
Biotec 30	10	4	23000	2 x 1" - 2"	DN 110	1200 x 800 x 730	120000	60000	3
ScrnMatic 60k	8	8	11000	2 x 1" - 1 1/2"	DN 70	788x 590 x 545	60000	30000	
ScrnMatic 90k	8	8	12500	2 x 1" - 2"	DN 70	788x 590 x 545	90000	45000	
ScrnMatic 140k	18	18	17500	2 x 1" - 2"	DN 100	1200 x 800 x 760	140000	70000	

- Quick and easy to clean foams.
- Multi-stage filtration materials.
- Easy to remove waste via sludge drain.
- Outer containers and lids are made from impact and UV resistant plastic.
- Biotec 60 and 140k Screenmatic models come with a motor to rotate the filter screen to keep it clear of coarse debris.
- Biotec Screenmatics can be buried up to 2/3 of its height.

FILTRATION & SKIMMERS - TRADE

Lake, Large Pond & Swim Pond Filters & Skimmers

Oase **German Precision & Reliability**

PROFICLEAR FILTRATION

Oase Part No	CP Ref No.	Description	RRP
56897	FU29990	Proficlear Module 1 - Pump chamber	$POA
37108	FU29991	Proficlear Module 2 - Coarse debris extractor	$POA
37107	FU29992	Proficlear Module 3 - Filter foam module	$POA
37144	FU29993	Proficlear Module 4 - Bioball filter module	$POA
37109	FU29994	Proficlear Module 5 - Phosphate adsorption module	$POA

OASE SKIMMERS

PROFISKIM 100

SKIMMER 250

Oase Part No	CP Ref No.	Description	RRP
56897	FU29837	Proskim 100 - Large Diameter skimmer with max 12,000 lph skimming capacity	$POA
57480	LAKM29693	Skimmer Lake Management. Suitable for lakes up to 250m2 area.	$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**

POND VACUUM - TRADE

Pond Vacuum for Large Ponds

Oase **German Precision & Reliability**

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

CP Ref No.	Description	RRP
VA11609 COMM	OASE Pondovac Version 5 suction depth 2.5m 1700W motor, pumped discharge, 7.5 m cable - 24.3kg	$2999.00

Pondovac 5

With 8000 lph suction capacity per hour, it is a dynamic aid for cleaning garden ponds and swimming ponds. Thanks to the integrated drainage pump, it can be used flexibly and can pump out dirty water even at different heights. Larger particles such as stones or leaves are retained conveniently by pre-filter bags, which can be emptied with ease via a zip fastener. The suction capacity can be adjusted conveniently during work via a manual control unit

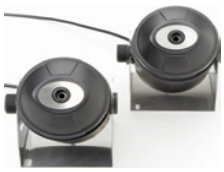
WATER ENTERTAINMENT - SMALLER PONDS

Water Entertainment - dynamic water and light effects

Oase German Precision & Reliability

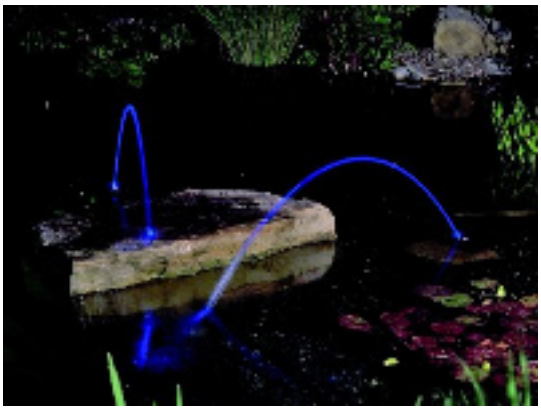
WATER ENTERTAINMENT - make your garden, patio or indoor atrium come alive

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.



Oase Part No	CP Ref No.	Description	RRP
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	$3399.99
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.	$3649.99
50052	WE22527	Rainbow Star Set – includes 1 rainbow star jumping jet, 1 x 12v Master control box & remote control, Hose, Clamps & Control Cable.	$ 7999.99
50053	WE22525	Rainbow Star Extension Set – includes 1 rainbow star jumping jet, 5m Hose, Control Cable, 12v power cable, "y" Distributor..	$6999.99
2 year warranty. For an additional 1 year warranty register your product via the Oase website. (2 year impeller warranty)			

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 PONDS

Pondjet Floating Fountain

Oase **German Precision & Reliability**

PONDJET ECO FLOATING FOUNTAIN - transform your pond into a water park

CP Ref No.	Description	RRP
SP11608	Pond Jet Eco - 10,800lph, 8.5m max. head, 190 watts	$4699.99
LM12245	Lighting Set for Pond Jet - 3 x lunaqua 10/ 50w, 1x UST 150 / 20m cable	$3499.99

OASE PONDJET FLOATING FOUNTAIN

Model	Max. Ftn Height (m)	Outlet Size (inch)	Cable Length (m)	Power Consumtion (Watt)	Litres per Hour max.	Asynchronous motor (electronically adjustable)	Dimensions (mm)	Weight (Kgs)	Guarantee (years)
PondJet	3.00	1"	20	190	10800	✔	670 x 540	15.20	2

- 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 37-2,5K, H: 3.0 m

AERATORS - LARGE PONDS & LAKES

Floating Fountain Surface Aerators

OTTERBINE - Aerating Fountains

Otterbine Part No.	CP Ref No.	Description	Inc. Gst
040012220	LAKM22576	Otterbine Fractional Series Aerator 1/2HP / No Power Control Centre. **Excludes Factory cable**	$6999.99
040013220	LAKM22605	Otterbine 2 set light LED 6.5w no pcc	$8999.99

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. Suitable for ponds of surface area upto a 1/2 acre (2000m2).

CONTACT US TO DISCUSS THE FULL RANGE OF OTTERBINE PRODUCTS AND SERVICES AVAILABLE

FOUNTAINS AND AERATORS 1HP - 5 HP

AERATORS - LARGE PONDS & LAKES

Floating Surface Aerator

Oase German Precision & Reliability

OASE LAKE MANAGEMENT PRODUCTS

Oase Part No	CP Ref No.	Description	Inc. Gst
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.	$5999.99

*** 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**

AERATORS - LARGE PONDS & LAKES

Sub-Surface Diffussers powered by Onland Compressors

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.

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

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.

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 1 & 2
2.5m Deep	1000-1500m^2
3.5m Deep	2000m^2
5m Deep	4000m^2

Please note that the above table shows 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**

AERATORS - LARGE PONDS & LAKES

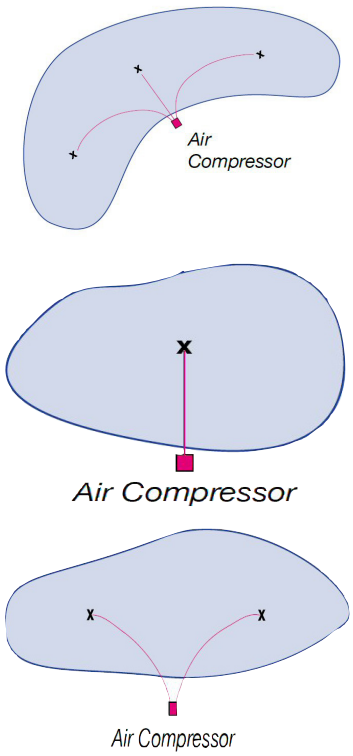
Guide to System Requirements

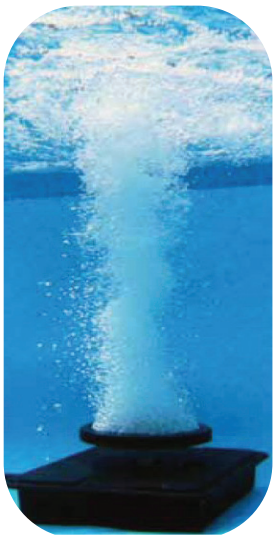
POND AERATION SYSTEMS

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:

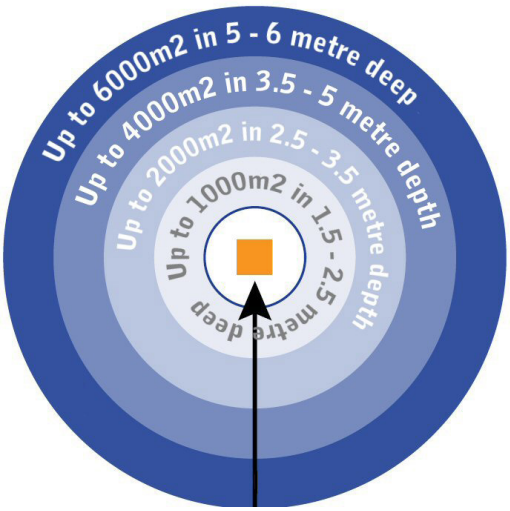
Example our Rocking Piston pond aerator would aerate approximately 500m^2 if operated in 1.2 metres of water but if operated in 5 - 6 metres depth it will aerate up to 6000m^2 of surface area.

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

AERATORS - LARGE PONDS & LAKES

Lake Fountains and Lake Management

CLEARPOND SUBSURFACE AERATION COMPONENTS

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 ¾" female adaptor is located at the base of each unit for airline tubing attachment.

CP Ref No.	Description	RRP
LAKM21606	Membrane diffuser Assembly - Single. Airfolw of 25 tto 85 L.P.M	$POA
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 CONCEPTS

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 it 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.

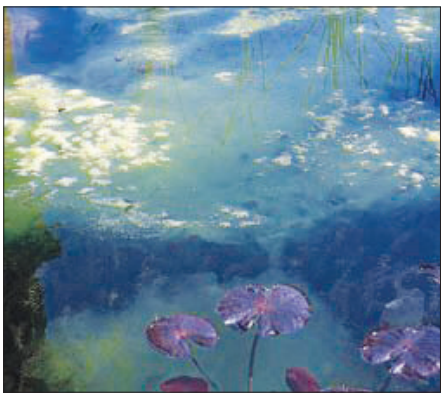
Dissolved Oxygen (DO) has a critical effect on the lakes well being, a lack of DO can result in iron in the water being converted from an insoluble form to a soluble form which affects water quality, sulfide being converted to toxic hydrogen sulfide and waste materials being unable to be decomposed on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

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 form 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 affective 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!

LAKE MANAGEMENT CONCEPTS

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.

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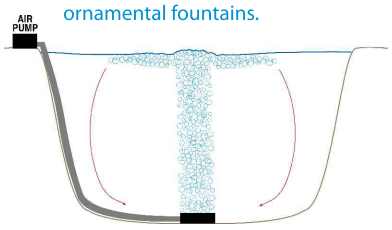
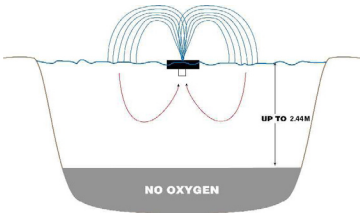
The pictures below show the effectiveness of aerators in lakes compared to ornamental fountains.



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!

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.

Lake Management Checklist

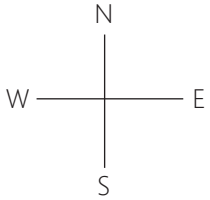
Lake name:

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



Shape of Pond

Lake Management Checklist

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

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

5.0 Input and influence factors		
5.1 Lake surroundings	❑ Lawn ❑ Arable land ❑ Forest ❑ Fallow land ❑ Paved surface ❑ Golf course	
	❑ Other	
5.2 Capillary barrier	❑ Yes ❑ No	
5.3 Surface input	❑ Leaves and pollen ❑ Nutrients via rain water ❑ Animal excrement ❑ Animal feed	
	❑ Other	
5.4 Animals	❑ Birds ❑ Fish (❑ Restocked? Type Quantity) ❑ Turtles	
	❑ Other	
5.5 Dissolved nutrients	Ground water Inflows Rain water	
	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: 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 pond volume here: 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

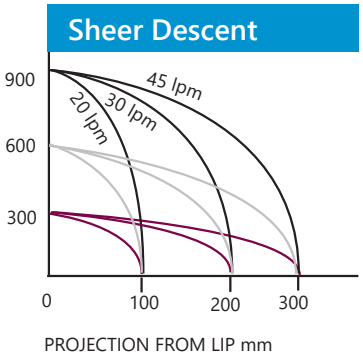
- Always follow the instructions that come with the pumps, lights and filters to ensure they are compatible with the pond being constructed, and with each other.
- It is better to purchase a larger pump/filter than what is required for the pond volume – as fish grow and breed, larger filtration and pumping 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 colonization 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 that 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 water feature, use a de-chlorinator such as Clearpond Pondstart to remove chlorine from the tap water.
- Statuary water features 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 water feature 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.

SHEER DESCENT & WATERFALL SPILLWAYS

Calculating Required Flowrates for PondMAX Sheer Descent Spillways & Watercourses



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

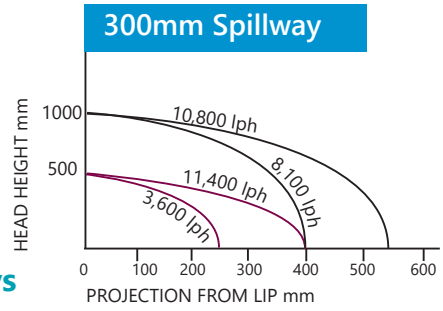
Rule of Thumb – For every 300mm of spillway you require 1000lph at the head height to go through the unit. Eg. 900mm spillway requires 3000lph at the head, so you will need a pump larger than 3000lph.

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

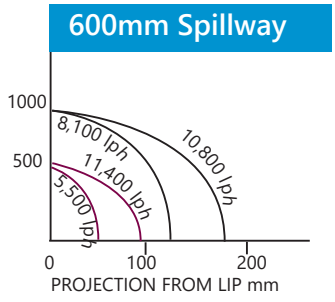
Spillway size	Minimum Pump size required LPH
300mm	3000-4000
600mm	4000-5000
900mm	5000-6000
1200mm	6000
1500mm	7000-9000
1800mm	9000

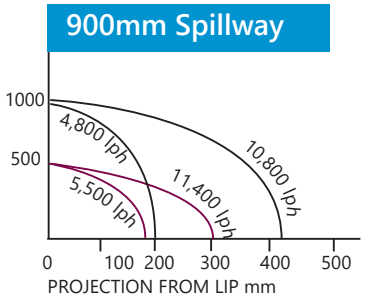
Useful tips:

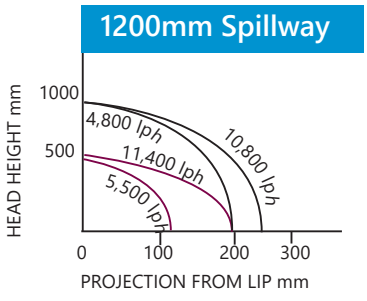
- Use 40mm pipe where possible. If smaller pipe then upsize the pump.
- Aquagarden D'scents are not suitable for pool pumps.



Flowrates required for Aquagarden Descents acrylic spillways







SHEER DESCENT & WATERFALL SPILLWAYS

Installing your PondMAX Sheer Descent - 30mm lip

Take care not to damage the PondMAX 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.

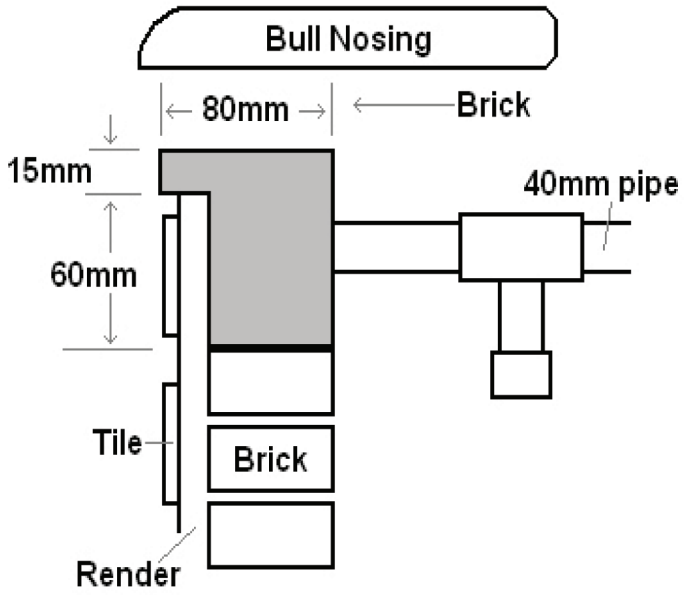
IMPORTANT: Do not remove the protective grout guard until you are ready to start up for the first time. Leave it in place throughout the installation or damage may occur which will effect the performance.

The pool tiler usually installs the Sheer Descent waterfall.

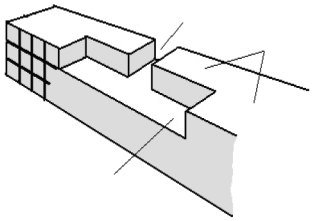
Be sure to install the waterfall before any decks or coping are to cover the Sheer Descent.

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.

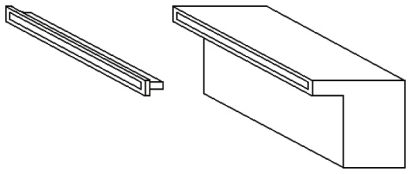
Note: the opening and grout guard are located at the top of the Sheer Descent.
Fill the gaps around the unit with suitable mastic material.
Cut tiles to fit beneath the lip of the unit and secure with tiling compound.



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

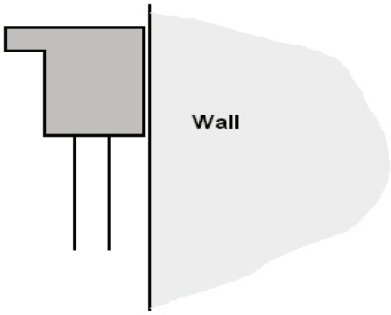


65mm x 85mm notch
by Sheer Descent length + 60mm



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.

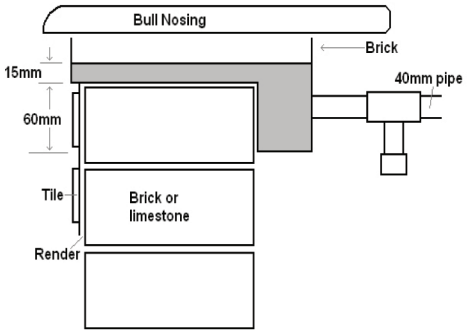
Cutting the brick work

1. For Sheer Descent models 600mm to 1200 mm long with 35mm lip.

After choosing the position for the Sheer Descent, cut a notch in the brick work 90mm 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 90mm deep.

Use this notch to plumb 32mm 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.



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.

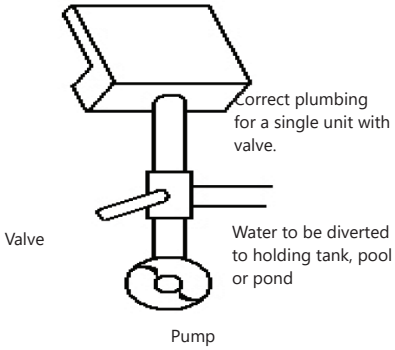
A standard 1200mm model, for example, requires only 180 litres of water per minute to project the blade of water 300mm at a height of 900mm.

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.

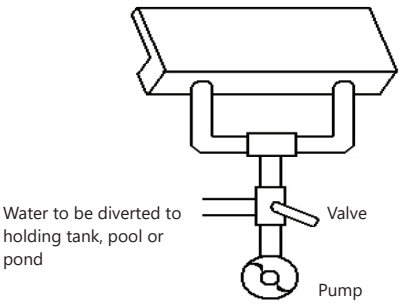
As a rule of thumb, the Clearpond Sheer Descent requires about 45-50L/min per 300mm of width with little head loss. However, you can increase the water flowrate to make a more a dramatic effect and to project the water sheet further out from the wall.

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 32mm PVC pressure pipe.



Plumbing in the Clearpond Sheer Descent.

Return line: The feed line from either the main pump or a separate pump requires at least 32mm PVC pipe.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.

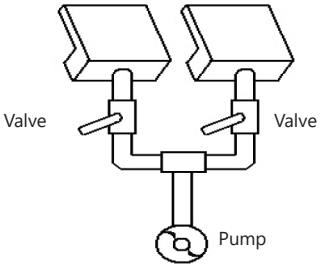
Standard 32mm PVC fittings will fasten to the 32mm fitting provided on all Sheer Descent units using standard PVC solvent cement.

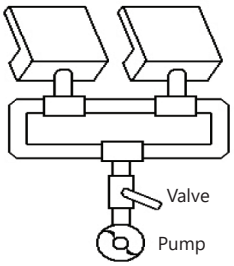
To ensure fittings are properly bonded when gluing, clean both pipe and fittings before applying solvent cement, smear both parts with solvent cement and slightly twist the pipe when pushing it into the fitting. Priming fluid may be used if desired.

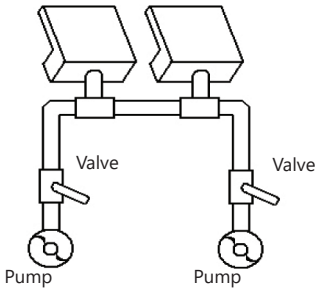
Note: You should install a flow control valve in an accessible position on the supply line to regulate the water supply to the Sheer Descent.

Installing 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.







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 he 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.

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	0.115	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 =

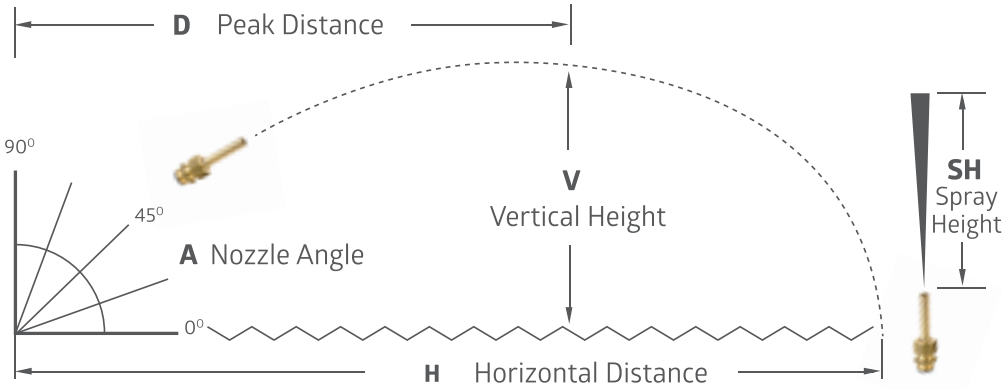
2, Total length of actual pipe =

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 x DF)
VF	V as a factor of H, i.e. (VF = V ÷ H)
DF	D as a factor H, i.e. (DF = D ÷ H)
CF	Multiplying factor for SH required
SH	Spray height from nozzle performance data

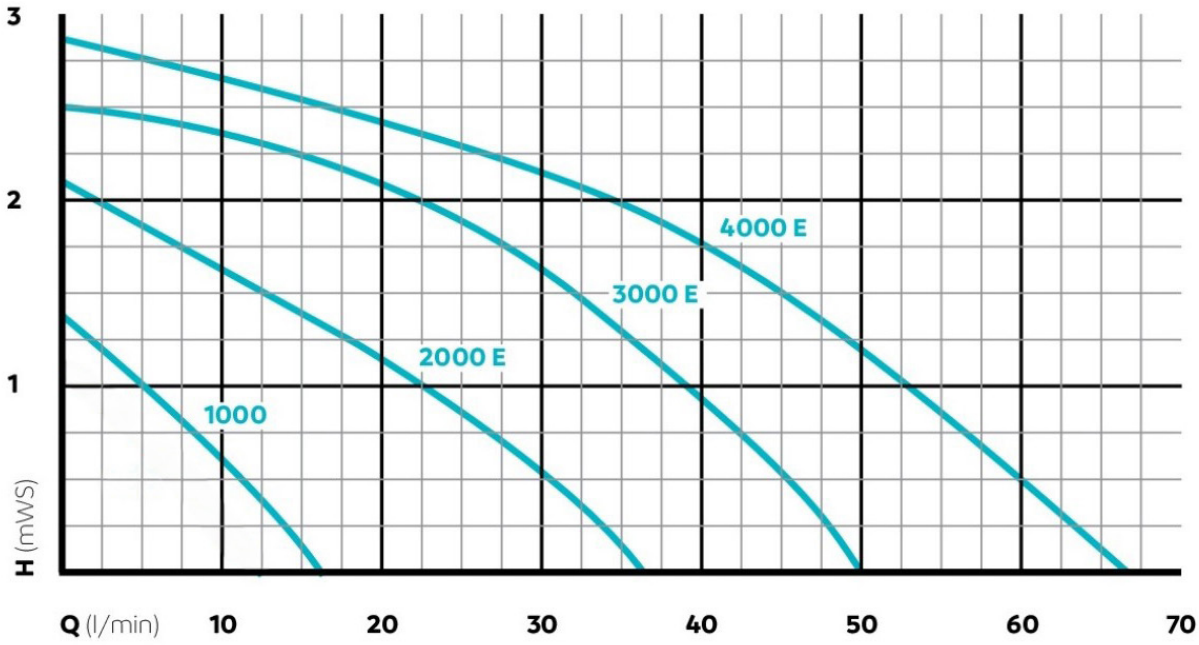
		Comet Nozzle 1/4" Thread	Comet Nozzle 1/2" Thread	Comet Nozzle 1" Thread	Foaming Fountain Nozzle 1" Thread
Nozzle Outlet ID (mm)		3	6.35	14	32
Spray Height (m)	Head	L/Min.	L/Min.	L/Min.	L/Min.
0.50	N/A	N/A	N/A	N/A	68
1.00	1.35	1.45	12.00	44.00	110
1.50	2.00	2.30	15.50	55.00	140
2.00	2.70	3.00	17.60	80.00	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	

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 x VF = F)
H Horizontal Difference	When V and A are known. Establish VF from same line as A (V ÷ VF = H)
D Peak Distance	When H and A are known. Establish DF from same line as A. (H x DF = D)
SH Nozzle Performance	When H and A are known. Establish CF from same line as A. (H ÷ CF = SH)

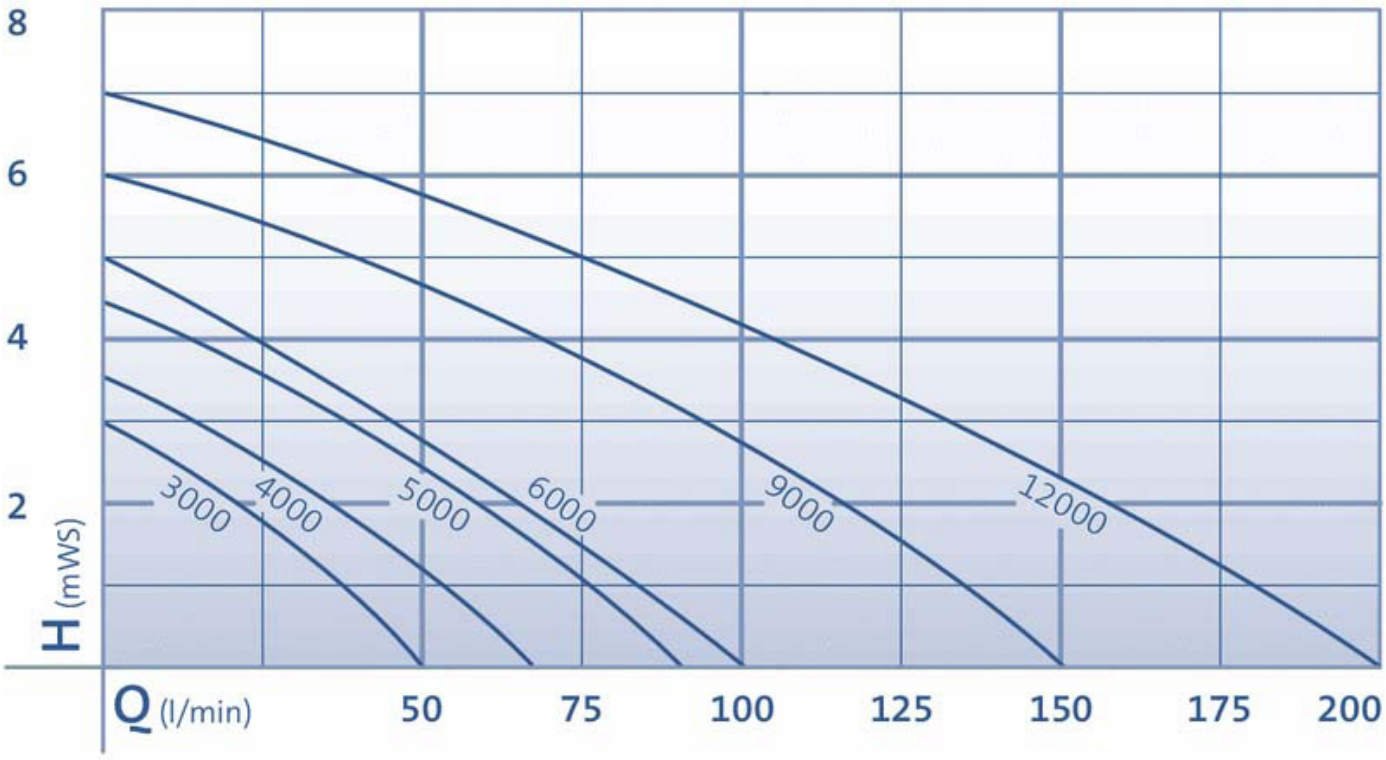
Factor Table			
A	VF	DF	CF
5	0.06	0.36	0.9
15	0.11	0.46	1.33
25	0.17	0.49	1.83
35	0.22	0.51	1.94
45	0.27	0.52	2.1
55	0.35	0.53	1.8
65	0.5	0.56	1.5
75	0.99	0.59	0.9
85	2.45	0.64	0.4

Product Specifications - Pump Curves

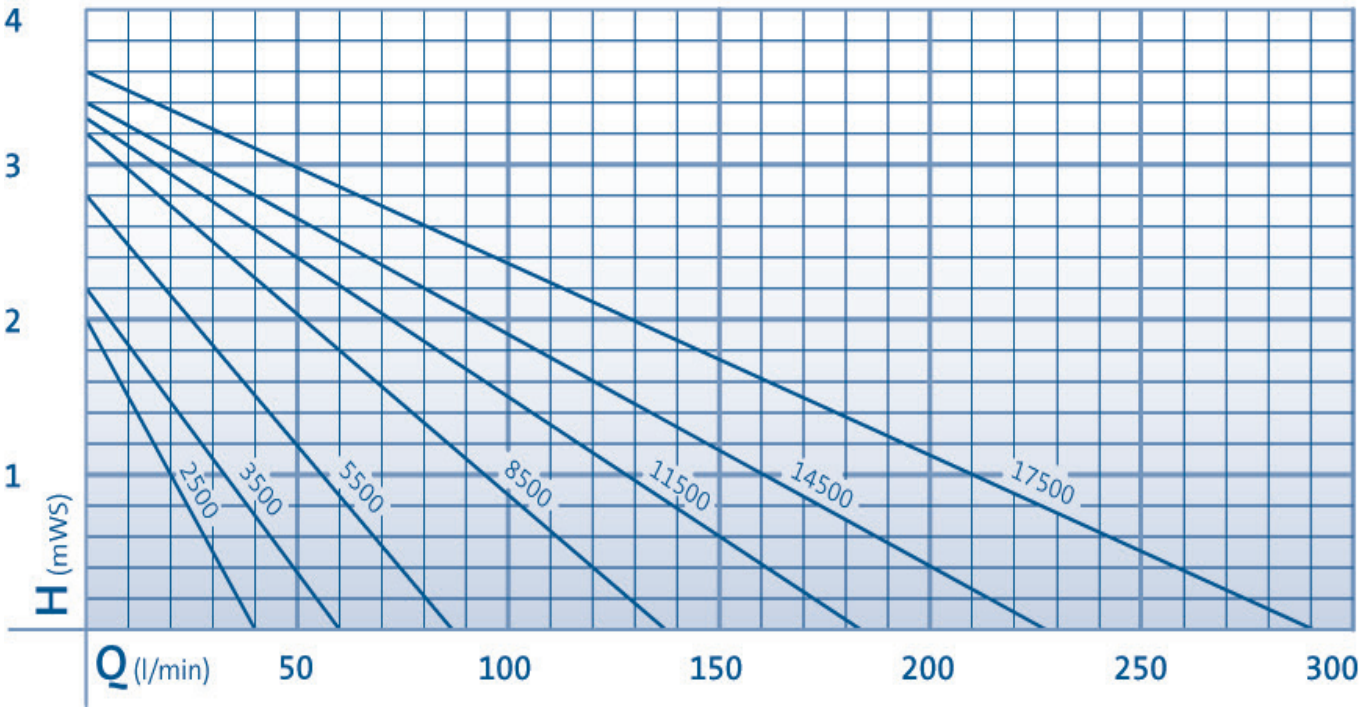
AQUARIUS FOUNTAIN SET CLASSIC 1000—4000 E



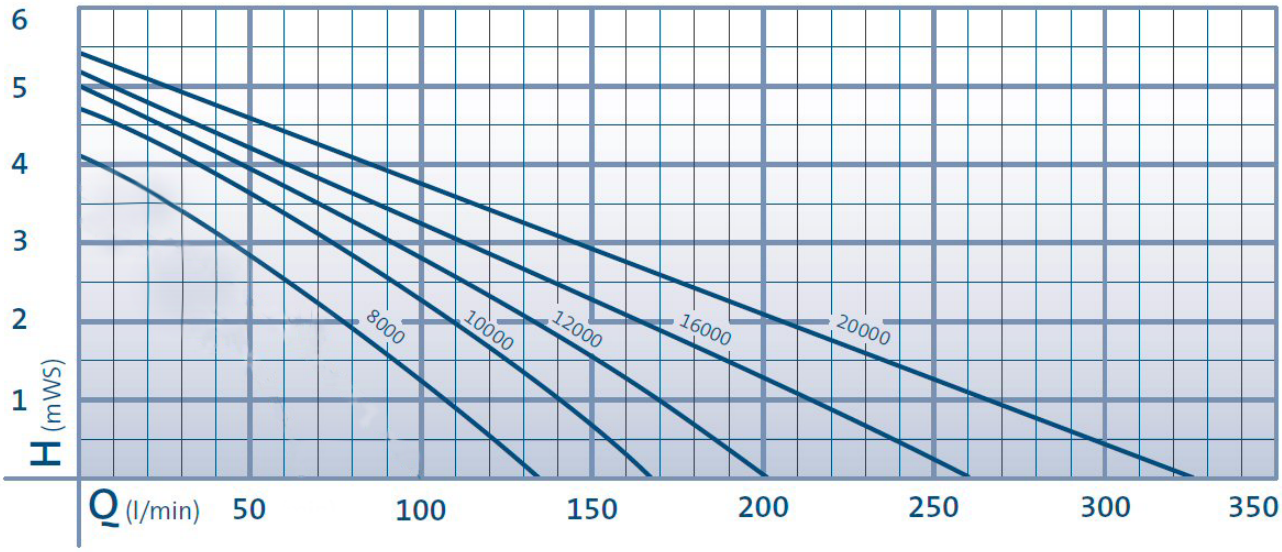
Aquarius Universal Premium 3000 – 12000



AquaMax Eco Classic 2500 – 17500



AquaMax Eco Premium Dual Inlet 8000-20000



PondMAX

HP & SPPV

HEAD (M)	HP550	PV650	PV1200	PV1600	PV2800
3.00					0
2.50				0	450
2.00			0	238	900
1.50		0	186	475	1350
1.00	0	283	557	950	180
0.50	275	567	929	1425	2250

SPEV

HEAD (M)	EV1900	EV1910LV	EV2900	EV2910LV	EV3900	EV3910LV
5.00						
4.50						
4.00					0	0
3.50					500	475
3.00			0	0	1000	950
2.50	0		500	470	1500	1425
2.00	360	0	1000	936	2000	1900
1.50	720	450	1500	1402	2500	2375
1.00	1080	900	2000	1868	3000	2850
0.50	1440	1350	2500	2334	3500	3325

Product Specifications - Pump Curves

CLEARPOND™ **Versatile and Affordable**

SPEV & SOLAR

HEAD (M)	EV4900	EV4910LV	EV7200	EV9200	S200	S600	S1700	S3500
6.00			0	0				
5.50								
5.00	0		1200	1550				
4.50	490	0						
4.00	980	512	2400	3100				
3.50	1470	1023						0
3.00	1960	1534	3600	4650			0	486
2.50	2450	2045					60	971
2.00	2940	2556	4800	6200		0	510	1457
1.50	3430	3067				15	860	1943
1.00	3920	3578	6000	9300	0	260	1190	2429
0.5					115	450	1450	2914

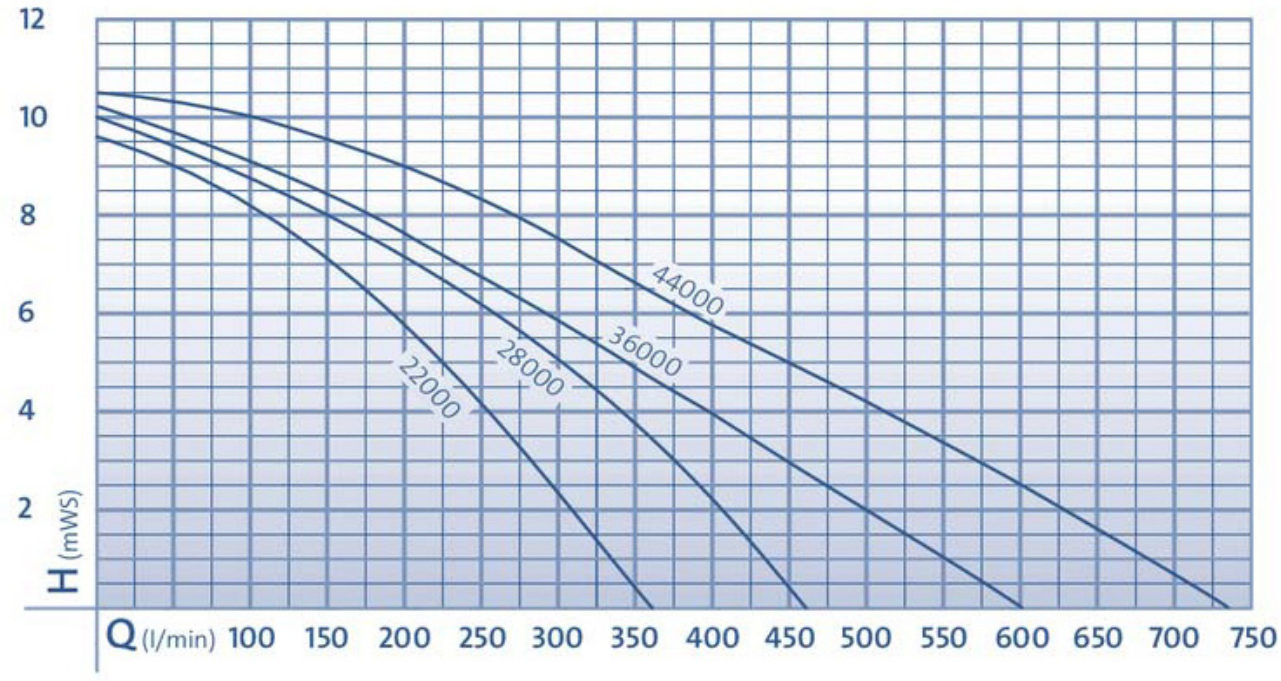
PondMAX

SPPU

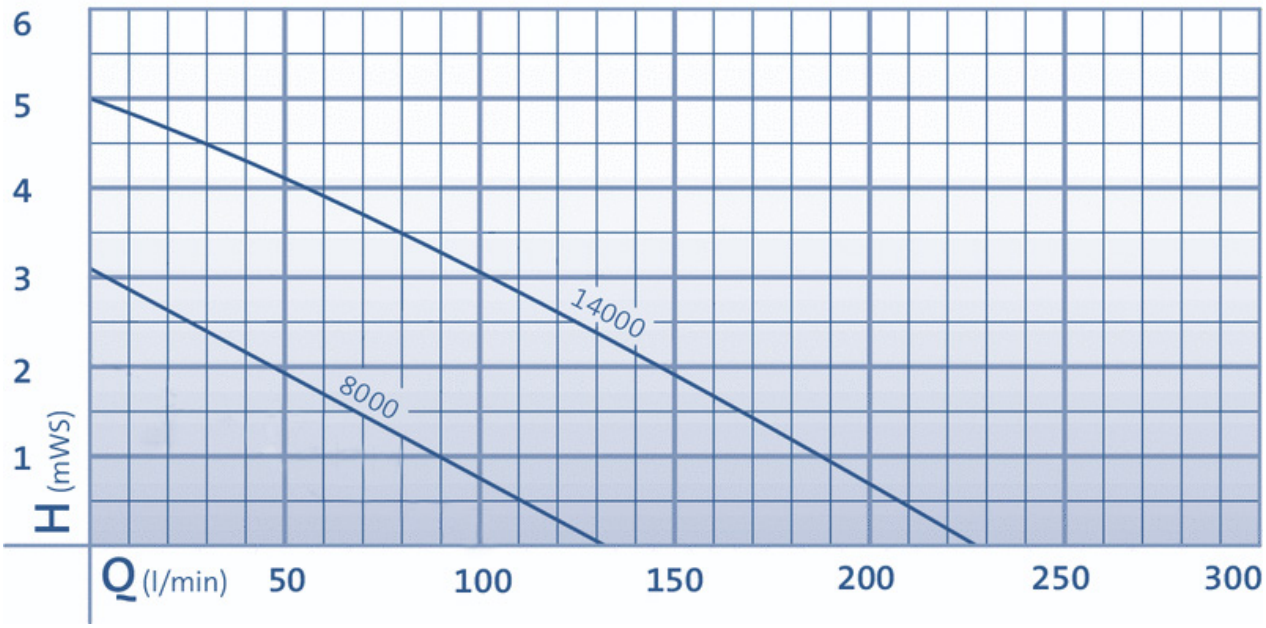
HEAD (M)	PU3500	PU5500	PU7500	PU10500	PU12500	PX15000	PX25000
10.00							0
9.50							
9.00							2000
8.50							
8.00					0		6000
7.50					838		
7.00					1671		9000
6.50					2504		
6.00					3337	0	12000
5.50				0	4170		
5.00			0	960	5003	2000	15500
4.50		0	750	1914	5836		
4.00		612	1500	2868	6669	6000	18000
3.50		1223	2250	3822	7502		
3.00		1834	3000	4776	8335	8000	20000
2.50	0	2445	3750	5730	9168		
2.00	720	3056	4500	6684	10001	12000	22000

Oase German Precision & Reliability

Aquarius Eco Expert 22000 – 44000

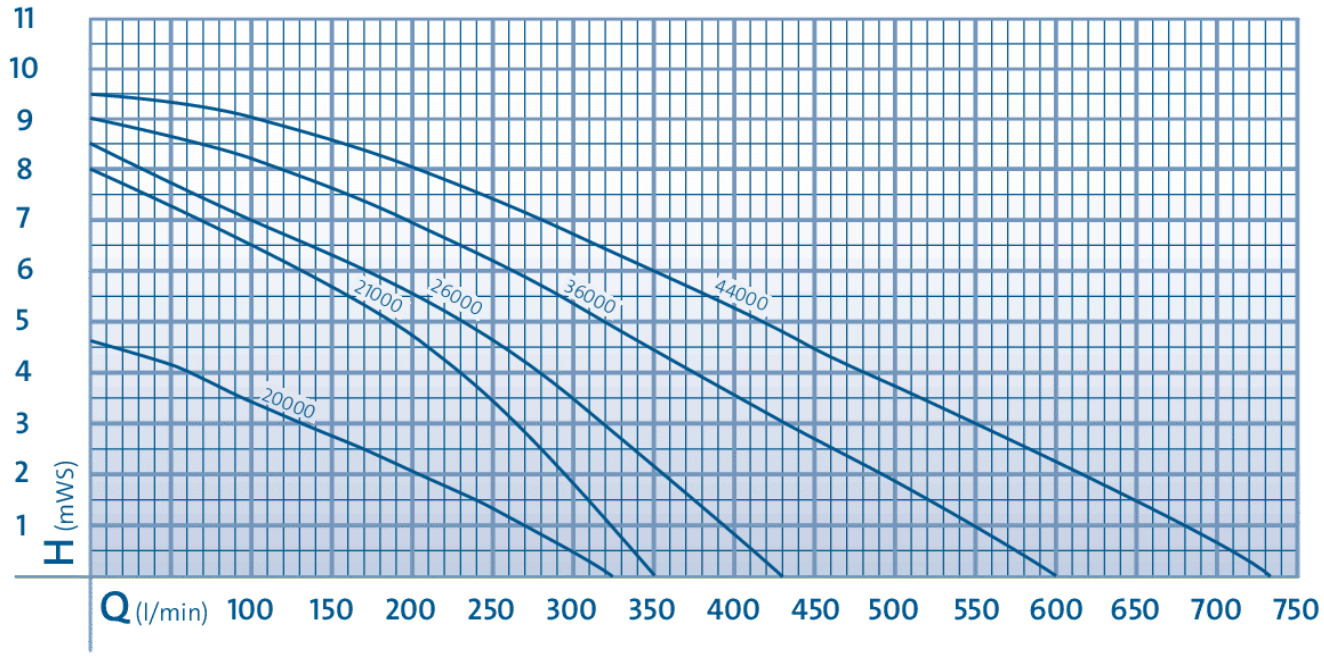


AquaMax Dry 8000 & 14000

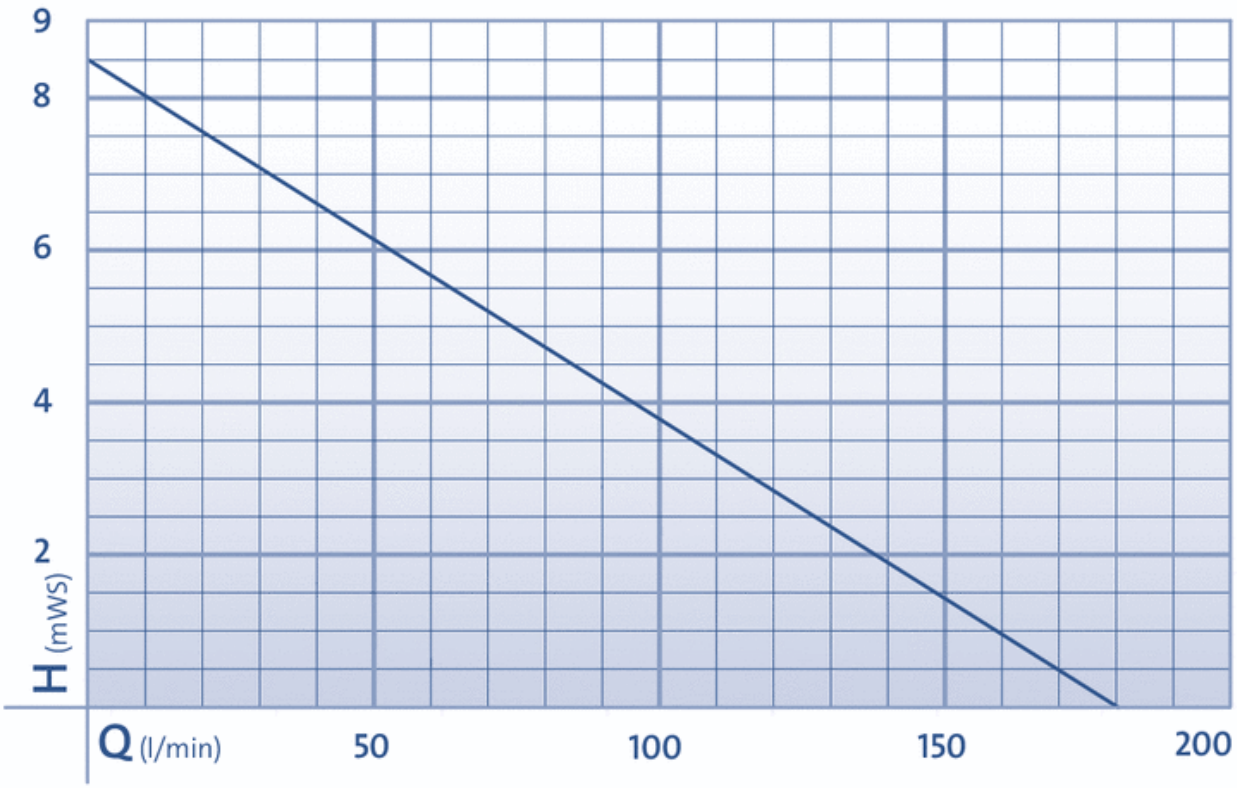


Product Specifications - Pump Curves

AquaMax Eco Expert 20000 - 44000



PondJet Eco



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 14% 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
DISHONORED CHEQUES – A fee of $27.50 + GST will be charged for any dishonored 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 resellers. On occasions, as an extra service, we have been asked by our resellers to send orders direct to end-users homes or business addresses. Please note that by requesting this service you agree to the following;

1. Clearpond will dispatch products direct to end-users on our resellers' 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.
2. 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 resellers customer's or 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.

Trading Terms & Conditions

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.
- Pre-formed ponds, liner, underlay, hose and water treatments 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.

Warranty

In order to make a warranty claim, a proof of purchase is required by law. A completed warranty form is also required. (see next page)
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, seals, bulbs, 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 catalogue/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.

$80 + 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. Please also review the Warranty Check List at the back of this catalogue.

2. If the product is still defective & the customer can provide proof of purchase, send the product to Clearpond NZ, 194 Bush Road, Albany, Northshore for further inspection. Please note that:

   - The product MUST be returned, freight paid 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 Auckland.
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 – CUTTING OF ELECTRICAL CABLES WILL VOID PRODUCT WARRANTY

PRODUCTS USED COMMERCIALLY OR HIRED ARE NOT 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.

Product Make: _____ **Model:** _____

Return Date: _____ / _____ / _____ **Purchase Date:** _____ / _____ / _____

Resellers Name: _____ **Ph:** _____

Resellers Address: _____

Email: _____ **Contact Person:** _____

End users Name: _____

End users Address: _____

End users Phone Nos: _____

Describe Product application: _____

_____

Reason For Return / Fault: _____

Parts Replaced from Store: _____

OFFICE USE ONLY (CLEARPOND)

Date Rec'd: _____ / _____ / _____ **Date Inspected:** _____ / _____ / _____

Inspected by: _____ **Proof of Purchase Sighted:** **Yes / No**

Inspection Report: _____

_____

_____

Parts Replaced by Clearpond: _____

_____

Date Returned: _____ / _____ / _____ **Transport:** _____

INVOICE No: _____

Warranty Check List

PUMPS

MARLIN & PONDMAX

1. Check power cable for damage and correct length.
2. If plug has been changed, check it has been wired correctly.
3. Check strainer/intake is not blocked.
4. Check flow regulator is open. (Mako, Pondmax Only)
5. Check rotor for obstructions.
6. Remove and check rotor for damage.
7. Check rotor cavity in the motor for wear.
8. Check that bearings are in place.
9. Check O-ring is in place.
10. Rinse rotor and motor.
11. Re-assemble and test.
12. If the pump still does not work contact Clearpond for a Warranty number.

SOLAR

1. Check power cable for damage and correct length.
2. Check strainer/filter is not blocked.
3. Check rotor for obstructions.
4. Remove and check rotor for damage.
5. Check rotor cavity in the motor for wear.
6. Rinse rotor and motor.
7. Re-assemble and test.
8. Ensure panel is in absolute full sun (no clouds over sun, no shadows over panel).
9. Clean fountain kit of any debris in side it.
10. If the pump still does not work contact Clearpond for a Warranty number.

INFINITI 800 to 5000

1. Check power cable for damage and correct length.
2. If plug has been changed, check it has been wired correctly.
3. Check strainer is not blocked.
4. Check rotor for obstructions.
5. Remove and check rotor for damage.
6. Check rotor cavity in the motor for wear.
7. Check bearings and bearing O-rings are in place.
8. Rinse rotor and motor.
9. Re-assemble and test.
10. If the pump still does not work contact Clearpond for a Warranty number.

OASE AQUAMAX CLASSIC 2500 TO 17500

1. Check power cable for damage and correct length.
2. If plug has been changed, check it has been wired correctly.
3. Check intake / strainer is not blocked.
4. With power disconnected, check rotor for obstructions.
5. Remove and check rotor for damage.
6. Check rotor cavity in the motor for wear.
7. Check that bearing is in place.
8. Rinse rotor and motor
9. Re-assemble and test.
10. If the pump still does not work contact Clearpond for a Warranty number.

OASE AQUAMAX EXPERT 20000 - 44000

1. Check power cable for damage and correct length.
2. If plug has been changed, check it has been wired correctly.
3. Check intake / strainer is not blocked.
4. With power disconnected, check rotor for obstructions by gently moving the rotor by inserting your finger into the inlet hole.
5. Undo 4 screws on rotor cover.
6. Remove rotor & clean, clear cavity also.
7. Rinse rotor and motor
8. Re-assemble and test.
9. If the pump still does not work contact Clearpond for a Warranty number.

OASE AQUAMAX PREMIUM 6000 LV & 12000 LV, 8000 CWS, 12000 ECO, 16000 ECO AND 20000 ECO

1. Check power cable for damage and correct length.
2. If plug has been changed, check it has been wired correctly.
3. Check intake / strainer is not blocked, or diverter wrongly positioned
4. With power disconnected, check rotor for obstructions by gently moving the rotor by inserting a screwdriver down the water outlet.
5. Undo screws and remove cover.
6. Remove rotor and check for damage or obstruction.
7. Check rotor cavity in the motor for wear
8. Rinse rotor and motor.
9. Re-assemble and test.
10. If the pump still does not work contact Clearpond for a Warranty number

Warranty Check List

PUMPS

OASE AQUAMAX DRY 8000 & 14000

1. Check power cable for damage and correct length.
2. If plug has been changed, check it has been wired correctly.
3. Check intake / strainer is not blocked.
4. With power disconnected, check rotor for obstructions by gently moving the rotor by inserting your finger into the inlet hole.
5. Undo 4 screws on rotor cover.
6. Remove rotor & clean, clear cavity also.
7. Rinse rotor and motor
8. Re-assemble and test.
9. If the pump still does not work contact Clearpond for a Warranty number

OASE AQUARIUS FOUNTAIN SET 1000 to 3500

1. Check power cable for damage and correct length.
2. If plug has been changed, check it has been wired correctly.
3. Check intake / strainer is not blocked.
4. Check rotor for obstructions.
5. Remove and check rotor for damage.
6. Check rotor cavity in the motor for wear.
7. Check that rubber bearings are in place.
8. Check O-ring is in place.
9. Rinse rotor and motor.
10. Re-assemble and test.
11. If the pump still does not work contact Clearpond for a Warranty number.

OASE AQUARIUS UNIVERSAL ECO 3000 and 4000

1. Check power cable for damage and correct length.
2. If plug has been changed, check it has been wired correctly.
3. Check intake / strainer is not blocked.
4. With power disconnected, check rotor for obstructions by gently moving the rotor by inserting a screwdriver down the water outlet.
5. Undo screws and remove cover.
6. Remove rotor and check for damage or obstruction.
7. Check rotor cavity in the motor for wear
8. Rinse rotor and motor.
9. Re-assemble and test.
10. If the pump still does not work contact Clearpond for a Warranty number.

OASE AQUARIUS UNIVESAL 21000- 44000

1. Check power cable for damage and correct length.
2. If plug has been changed, check it has been wired correctly.
3. Check intake / strainer is not blocked.
4. With power disconnected, check rotor for obstructions by gently moving the rotor by inserting your finger into the inlet hole.
5. Undo 4 screws on rotor cover.
6. Remove rotor & Clean, clear cavity also.
7. Rinse rotor and motor
8. Re-assemble and test.
9. If the pump still does not work contact Clearpond for a Warranty number

OASE BIOPRESS 4000, 6000, 10000 - pump section

1. Check power cable for damage and correct length.
2. If plug has been changed, check it has been wired correctly.
3. Check intake / strainer is not blocked.
4. Check rotor for obstructions.
5. Remove and check rotor for damage.
6. Check rotor cavity in the motor for wear.
7. Check that rubber bearings are in place.
8. Check O-ring is in place.
9. Rinse rotor and motor.
10. Re-assemble and test.
11. If the pump still does not work contact Clearpond for a Warranty number.

OASE AQUARIUS UNIVERSAL 6000, 9000 & 12000

1. Check power cable for damage and correct length.
2. If plug has been changed, check it has been wired correctly.
3. Check intake / strainer is not blocked.
4. With power disconnected, check rotor for obstructions by turning rotor with a 3mm flat screwdriver placed into the slot in the center of the rotor shaft. Do not try to rotate by pushing on the rotor vanes.
5. Check condition of tamper proof screws.
6. Rinse rotor and motor.
7. Re-assemble and test.
8. If the pump still does not work contact Clearpond for a Warranty number

Warranty Check List

SKIMMERS

OASE SWIMSKIM 25

1. Depress the three removal points and separate the pump compartment from the skimmer compartment.
2. Remove pump and check as per OASE Aquarius' checklist

OASE SWIMSKIM CWS

1. Remove skimmer basket to expose pump compartment.
2. Undo 3 phillips head screws.
3. Remove pump and check as per OASE Aquarius' checklist
4. Check power cable for damage and correct length.
5. If plug has been changed, check it has been wired correctly.
6. Check intake / strainer is not blocked.
7. Check rotor for obstructions.
8. Remove and check rotor for damage.
9. Check rotor cavity in the motor for wear.
10. Check that rubber bearings are in place.
11. Check O-ring is in place.
12. Rinse rotor and motor.
13. Re-assemble and test.
14. If the pump still does not work contact Clearpond for a Warranty number.

AERATION

OASE AQUAOXY 500, 100, 2000 & 4800

1. Check airlines for damage & kinks.
2. Check airstones for blockages.
3. Check diaphragms for wear & replace if necessary.
4. Check for water ingress in pump & transformer.
5. If unit still does not work contact Clearpond for a Warranty number.

OASE BIOPRESS 4000, 6000, 10000 - filter section

1. Check what size pump is being used?
2. Check power cable for damage and correct length.
3. If plug has been changed, check it has been wired correctly.
4. Check for water inside quartz tube.
5. Remove clamp screw, it should not be tight.
6. Check O-ring is fitted correctly.
7. Check quartz tube for damage.
8. Check automatic cleaning for obstructions.
9. Remove bulb check for broken elements.
10. Re-assemble UVC.
11. Remove canister clamp.
12. Check O-ring is fitted correctly.
13. Check the 2 screws in the filter plate are tight.
14. Re-assemble and test.
15. If the filter / UVC still does not work contact Clearpond for a Warranty number

UV CLARIFIERS

OASE BITRON 36C - 110C & BITRON GRAVITY, BITRON ECO 120w, 180w & 240w

1. Check what size pump is being used?
2. Are the throttle handles set for the pump size?
3. Check power cable for damage and correct length.
4. If plug has been changed, check it has been wired correctly.
5. Check for water inside quartz tube.
6. Remove clamp screw, it should not be tight.
7. Check O-ring is fitted correctly.
8. Check quartz tube for damage.
9. Check automatic cleaning for obstructions.
10. Remove lamp and check for broken elements.
11. Re-assemble and test.
12. If the UVC still does not work contact Clearpond for a Warranty number

OASE VITRONIC 36

1. Check what size pump is being used.
3. Check power cable for damage and correct length.
4. If plug has been changed, check it has been wired correctly.
5. Open unit by dressing blue switch and gently twisting off head.
6. Check for water inside quartz tube.
7. Check screws have not been over tightened; sealing flange will be cracked near screw holes.
8. Check quartz sleeve for damage/breakage.
9. Undo screw and flange around quartz sleeve.
10. Check O-ring is fitted correctly.
11. Check quartz tube for damage.
12. Remove lamp and check for broken elements.
13. Re-assemble and test.
14. If the UVC still does not work contact Clearpond for a Warranty

Warranty Check List

FILTRATION

OASE BIOPRESS 4000, 6000, 10000 - filter section

1. Check what size pump is being used?
2. Check power cable for damage and correct length.
3. If plug has been changed, check it has been wired correctly.
4. Check for water inside quartz tube.
5. Remove clamp screw, it should not be tight.
6. Check O-ring is fitted correctly.
7. Check quartz tube for damage.
8. Check automatic cleaning for obstructions.
9. Remove bulb check for broken elements.
10. Re-assemble UVC.
11. Remove canister clamp.
12. Check O-ring is fitted correctly.
13. Check the 2 screws in the filter plate are tight.
14. Re-assemble and test.
15. If the filter / UVC still does not work contact Clearpond for a Warranty number.

OASE FILTOCLEAR 3000 to 30,000

1. Check what size pump is being used?
2. Check power cable for damage and correct length.
3. If plug has been changed, check it has been wired correctly.
4. Remove UVC by unscrewing 4 Phillips screws.
5. Check for water inside quartz tube.
6. Remove clamp screw, it should not be tight.
7. Check O-ring is fitted correctly.
8. Check quartz tube for damage.
9. Check automatic cleaning for obstructions.
10. Remove bulb check for broken elements.
11. Re-assemble UVC.
12. Remove canister clamp.
13. Check O-ring is fitted correctly.
14. Check the 2 screws in the filter plate are tight.
15. Re-assemble and test.
16. If the filter / UVC still does not work contact Clearpond for a Warranty number.

OASE FILTRAL 1500 - 9000

1. Check power cable for damage and correct length.
2. If plug has been changed, check it has been wired correctly.
3. Remove UV unit and pump from cage.
4. Remove and check pump as per Aquarius pump checklist.
5. Check UV as per Vitronic UV checklist.
6. Re-assemble and test.
7. If the Fitral still does not work contact Clearpond for a Warranty number.
10. Re-assemble UVC.
11. Remove canister clamp.
12. Check O-ring is fitted correctly.
13. Check the 2 screws in the filter plate are tight.
14. Re-assemble and test.
15. If the filter / UVC still does not work contact Clearpond for a Warranty number.

VACCUMS

- No warranty will be granted for commercial use or hire units

OASE PONDOVAC CLASSIC

1. Check power cable for damage and correct length.
2. If plug has been changed, check it has been wired correctly.
4. Make sure there is a slight incline with the discharge hose.
5. Check head height when in operation, the base of the Pondovac must be slightly above water level.
6. Re-assemble and test.
7. If it still does not work contact Clearpond for a Warranty number.
8. Make sure intake piece in canister is facing down.
9. Inspect and clean float valve protector foam.
10. Ensure float valve is moving freely.
11. Check flapper is moving freely at the end of the discharge hose.
12. Do not extend the discharge hose by anymore than its original length plus the length of an OASE Discharge Extension Kit.

No warranty will be granted for shop use or hire units.

OASE PONDOVAC 4 + 5

1. Check power cable for damage and correct length.
2. If plug has been changed, check it has been wired correctly.
3. Check the discharge flap in base of canister is clear.
4. Make sure there is a slight incline with the discharge hose.
5. Check head height when in operation, the base of the Pondovac must be slightly above water level.
6. Check the suction hose is not blocked.
7. Check the intake flaps are clear.
8. Check the intake O-ring is seated correctly.
9. Check the O-ring on the inlet distributor is seated correctly.
10. Check the O-ring on the valve unit is seated correctly.
11. Check the float valves for ease of movement.
12. Check the foam filters are clean and in place.
13. Do not extend the discharge hose by anymore than its original length plus the length of an OASE Discharge Extension Kit.
14. Make sure intake suction fitting has the arrow pointed at 3 o'clock
15. Re-assemble and test.
16. If it still does not work contact Clearpond for a Warranty number

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 - impellors; 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!