



Table of Contents

	<u>Page</u>
Pond Pump Quick Selection Chart.....	2
Aqua Pumps.....	3
Mini Pumps.....	3
Statue and Small Water Features Pumps.....	3
Cosmo Dirty Water Pond Pumps.....	4
Cosmo Pump Only.....	4
Dimensions for Cosmo Dirty Water Pumps.....	4
Pond and Waterfall Pumps (Medium Volume).....	4,5
Easy Jet Pond and Waterfall Pumps.....	5
Dimension for all Easy Jet Models.....	6
Easy Jet Pump Only.....	6
Techno 24Volt Pond Pumps & Transformers.....	7
Eco Pond Surface Pond Pump.....	8
Global Pond Pumps.....	9
Pond & Waterfall Pumps with filter (high volume).....	9,10
Easy Pond 7 & 15.....	10
Crystal Pond/Easy Pond Biological Filters.....	11
Bio-Easy UV filters.....	12
Dimension of Bio-Easy UV.....	12
Biological Filter Technical Data.....	13
LED Under Water & Amphibious Pond Lighting.....	14
LED Under Water & Amphibious Pond Lighting.....	15
Mist Makers & Floating Rings.....	16
Fountain/Nozzle Kits.....	17
Impellers/Rotors & Filters.....	18
E-Deep Submersible Automatic Pressure Pumps.....	19
Deep High Head Pressure Submersible Pumps.....	20
Show Fou Submersible Pumps.....	21
Speroni Submersible Pumps.....	22
Global Sub Pumps.....	23
Global Submersible Sump Pumps.....	24
Submersible Pump Curves.....	25,26,27
Euro Press 800 Speroni Pressure Pumps.....	28
Easy Tron Multistage Pressure Pumps.....	29
Easy Tron Technical Data.....	30
Float Switches.....	31
Piggy Back Float Switches.....	31
Loss of Prime Switches and Pressure Controls.....	32
Friction Loss Charts.....	33
Points of Interest.....	34
Notes.....	35



Pond Pump Quick Selection Chart

Flows shown in Litres Per Hour

Pump	Watts	Max Head	Max Flow	.25m	0.5m	.75m	1.0m	1.25m	1.5m	1.75m	2.0m	2.25 m	2.5m	3.0m	3.5 m
Easy-jet 950	14	1.5	950	860	800	650	500	80							
Easy-jet 1200	20	2	1150	1125	1000	950	800	750	620	300					
Easy-jet 2400	55	2.5	2460	2360	2300	2150	2000	1800	1600	1350	1100	550			
Easy-jet 3000	60	2.5	3080	2870	2650	2430	2200	1800	1410	1050	720	230			
Easy-jet 4000	90	2.5	3720	3550	3000	2650	2280	1950	1630	1280	960	300			
Easy-jet 5000	100	4	4800	4380	4080	3800	3600	3350	3040	2700	2410	2150	1830	1080	320
Techno 600	6.5	0.8	650	525	400	50									
Techno 1000	18	1.4	1250	1050	850	650	400	50							
Techno 2000	31	2.4	1950	1850	1750	1500	1300	1150	1000	750	500	200			
Techno 3000	55	2.7	3000	2850	2700	2500	2300	2050	1800	1500	1250	850	500		
Techno 4000	70	3.1	3750	3600	3400	3200	3000	2750	2500	2150	1800	1500	1200	80	
Cosmo 1	50	2	2300	2150	2000	1800	1600	1300	1000	350					
Cosmo 2	60	2.5	3000	2850	2700	2500	2300	2050	1800	1500	1200	300			
Cosmo 3	65	3.2	3800	3650	3500	3350	3200	2950	2700	2500	2300	1950	1600	700	
AP 900	8	1.1	600	400	250	160	100								
WP 750	10	1.4	750	570	450	270	140	60							
AP 399	16	1.7	1000	850	730	590	510	440	290	0					
Aqua 950	14	1.5	950	860	780	680	580	80							
Aqua 2400	55	2.5	2460	2360	2300	2150	2000	1800	1600	1350	1100	550			
Techno 600 24v	6.5	0.8	650	550	380	50									
Techno 1000 24v	18	1.4	1250	1100	900	700	500	150							
Techno 2000 24v	33	2.4	1850	1800	1670	1500	1300	1000	800	600	400	200			
Techno 3000 24v	42	2.5	3050	2800	2650	2300	2000	1700	1400	1100	700	300			
Techno 4000 24v	45	2.1	3250	3000	2600	2300	1850	1500	1000	600	150				

Aqua Pump

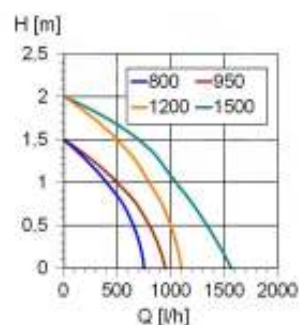
Statue and Ornament Pumps

2 Year Warranty



Product Code	Description	Lead Length	Watts	Max LPH	Max Head
PPP72550066	Aqua 950	5m	14	950 (16 lpm)	1.5m
PPP72550070	Aqua 1200	5m	20	1150 (19 lpm)	2.0m
PPP72550080	Aqua 2400	5m	55	2400 (40 lpm)	2.5m

Model	Length	Width	Height	Inlet	Outlet
Aqua 950	75mm	50mm	80mm	n/a	1/2"
Aqua 1200	85mm	60mm	85mm	n/a	1/2"
Aqua 2400	115mm	70mm	100mm	n/a	1/2"



AP & WP Mini Pumps

1 Year Warranty



PAP 900



PWP 750



PAP 399

Product Code	Description	Lead Length	Watts	Max LPH	Max Head
PAP900	AP 900	5m	8	600 (10 lpm)	1.1m
PWP750	WP 750	5m	10	750 (12.5 lpm)	1.4m
PAP399	AP 399	5m	16	1000 (16.6 lpm)	1.7m



Cosmo

Dirty Water Pond Pump

3 Year Warranty

Product Code	Description	Lead Length	Watts	Max LPH	Max Head
PPPCOSMO1	Cosmo 1	10m	50	2300 (38 lpm)	2.0m
PPPCOSMO2	Cosmo 2	10m	60	3000 (50 lpm)	2.5m
PPPCOSMO3	Cosmo 3	10m	65	3800 (63 lpm)	3.3m

Applications:

Dirty water pump for Bio-filtration systems

Fountain or combination fountain and waterfall pump

Pump can be removed from the screened body and used in tighter spots.

Features	Benefits
Sponge less operation	Low maintenance less cleaning
Vortex Impeller	Solids handling to 4mm, less prone to blockage
DCS (Double Ceramic Suspension)	Dramatic reduction in wear due to no shaft
Discharge can be switched to side outlet	Versatility in different applications
Fountain kit available	Fountain and waterfall operation at same time
Continuous operation rating	Able to run 24 hour / 7 days without overheating

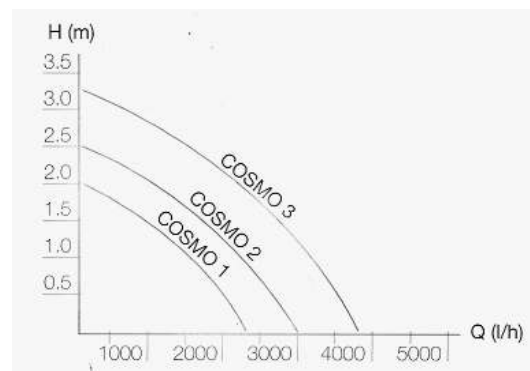
Model	Length	Width	Height	Inlet	Outlet
Cosmo 1	330mm	240mm	160mm	3/4" MI BSP	3/4" FI BSP
Cosmo 2	330mm	240mm	160mm	3/4" MI BSP	3/4" FI BSP
Cosmo 3	330mm	240mm	160mm	3/4" MI BSP	3/4" FI BSP



Cosmo Pump Only

Product Code	Description	Length	Width	Height
PPPCOSMO1PO	Cosmo 1 pump	235mm	100mm	140mm
PPPCOSMO2PO	Cosmo 2 pump	235mm	100mm	140mm
PPPCOSMO3PO	Cosmo 3 pump	235mm	100mm	140mm

Product Code	Description
PPACONE	Suction strainer
PPACOSFILTER	Sponge filter suit 1,2 &3
PPS507229	Fountain nozzle kit



Easy Jet

Pond and Waterfall Pump

3 Year Warranty

Product Code	Description	Lead Length	Watts	Max LPH	Max Head
PPP72505510	Easy-jet 950	10m	14	950 (16 lpm)	1.5m
PPP72505520	Easy-jet 1200	10m	20	1100 (18 lpm)	2.0m
PPP72505540	Easy-jet 2400	10m	54	2450 (40 lpm)	2.5m
PPP72505550	Easy-jet 3000	10m	60	3100 (50 lpm)	2.5m
PPP72505560	Easy-jet 4000	10m	75	3750 (66 lpm)	2.6m
PPP72505570	Easy-jet 5000	10m	95	4800 (83 lpm)	3.7m

Applications:

- Waterfall pump or use in conjunction with a fountain by opening the diverter
- Vortex impeller so it can be used in conjunction with Biological or pressurized filters
- Pump unit can be removed from the screened body to fit into tighter & smaller reservoirs

Features	Benefits
Sponge less operation	Lower maintenance less cleaning
Vortex impeller	Passes small solids, less prone to blockage
DCS (Double Ceramic Suspension)	Dramatic reduction in wear due to no shaft
Double grid protection	Effective filtration and low maintenance
Special rotor insulation	Extremely quiet operation
Continuous operation rating	Able to run 24 hour / 7 days without overheating

Dimensions for Easy Jets

Model	Diameter	Height	Inlet	Outlet
Easy-jet 950	190mm	110mm	1/2" MI BSP	1/2" friction fit
Easy-jet 1200	190mm	110mm	1/2" MI BSP	1/2" FI BSP
Easy-jet 1500	190mm	110mm	1/2" MI BSP	1/2" FI BSP
Easy-jet 2400	240mm	140mm	1" MI BSP	1/2" FI BSP
Easy-jet 3000	270mm	150mm	1" MI BSP	3/4" FI BSP
Easy-jet 4000	270mm	150mm	1" MI BSP	3/4" FI BSP
Easy-jet 5000	270mm	150mm	1" MI BSP	3/4" FI BSP



Easy Jet Pump Only

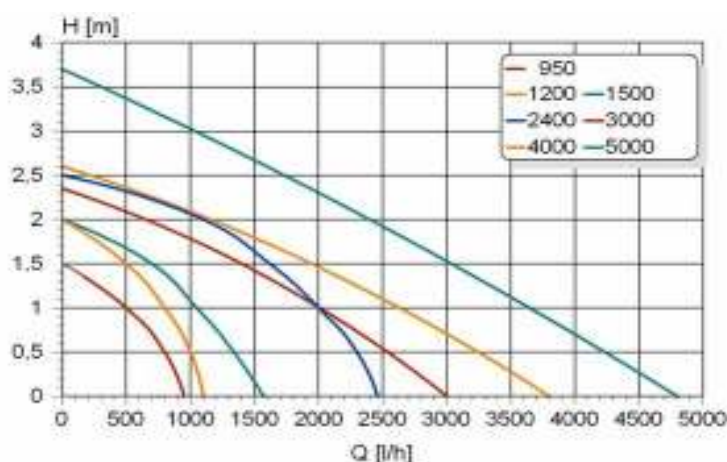
Pumps without Filter casing

3 Year Warranty

Product Code	Description	Length	Width	Height
PPP72505551	Easy-jet 3000 Pump	235mm	100mm	140mm
PPP72505561	Easy-jet 4000 Pump	235mm	100mm	140mm
PPP72505571	Easy-jet 5000 Pump	235mm	100mm	140mm

Length dimension includes the suction screen

Easy Jet 5000 Pump Only



Easy-jet	Height	Height	Height	Diameter	Height
950	20cm	90cm	80cm	40cm	12cm
1200	50cm	110cm	90cm	48cm	14cm
1500	65cm	120cm	110cm	55cm	15cm
2400	80cm	160cm	150cm	65cm	25cm
3000	130cm	160cm	150cm	80cm	45cm
4000	155cm	210cm	205cm	85cm	60cm
5000	170cm	245cm	205cm	90cm	75cm

Techno 24 Volt

Low Voltage Pond Pump

2 Year Warranty

Product Code	Description	Lead Length	Watts	Max LPH	Max Head
PPP72505200/24v	Techno 600	5m	6 (A)*	650 (10.8 lpm)	.80m
PPP72505205/24v	Techno 1000	5m	16 (A)*	1250 (20.8 lpm)	1.6m
PPP72505210/24v	Techno 2000	10m	33 (B)*	1850 (30.8 lpm)	2.4m
PPP72505215/24v	Techno 3000	10m	42 (B)*	3000 (50.0 lpm)	2.5m
PPP72505220/24v	Techno 4000	10m	45 (B/C)*	3250 (54.1 lpm)	2.1m

* Transformers are additional and required for these pumps (A/B/C) listed below



24 Volt Transformers

Product Code	Transformer Required	Transformer type	
TF24/50 ID	(A)	Indoor	24 volt 50 watt
TF24/50 OD	(A)	Outdoor	24 volt 50 watt
TF24/100 OD	(B)	Outdoor	24 volt 100 watt
TF24/160 OD	(C)	Outdoor	24 volt 160 watt

TF24/50 ID INDOOR



TF24/100 OD OUTDOOR



EcoPond

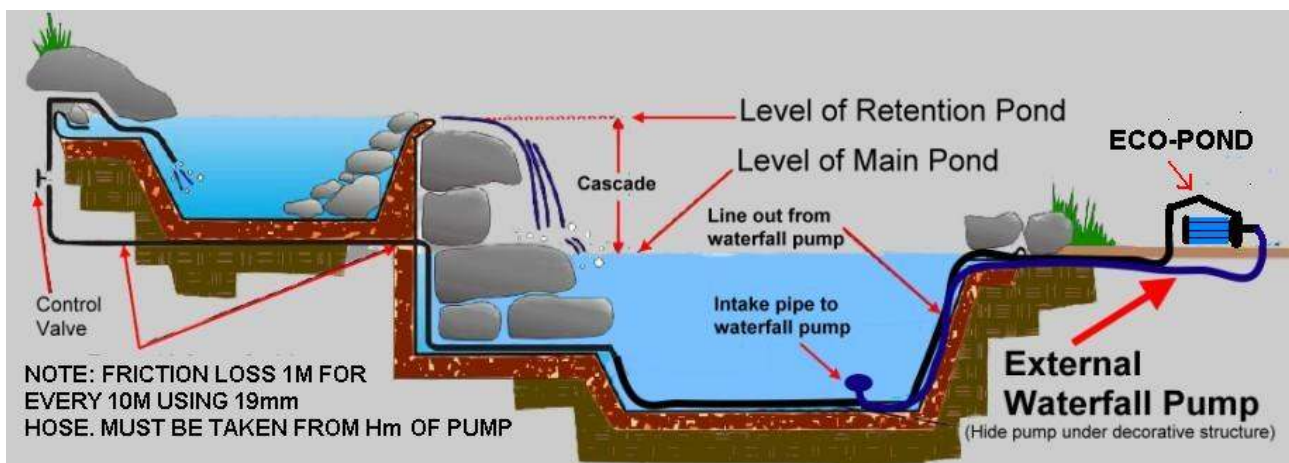
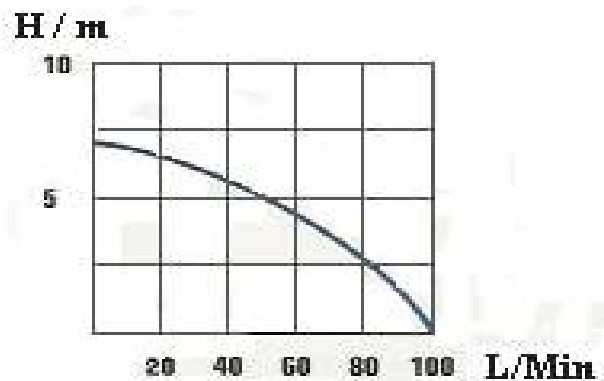
Surface Mounted Pond Pump

1 Year Warranty

Model	Length	Width	Height	Inlet	Outlet	Weight
ECO-POND	265mm	150mm	180mm	1" Barb	1" Barb	3 KG

Features	Benefits
Open impeller	Can handle small solids / able to use with a bio-filter
High flow rates	Ideal for use with waterfalls and streams
Compact design	Able to be hidden in the garden around the pond
Continuous power rating	Can be run 24hrs / 7 days
Surface mounted	Easy access for maintenance

Product Code	Description	Lead Length	Watts	Max LPH	Max Head
EPPECO2	Eco Pond 2	1.5m	260	6000 (100 lpm)	7m



Global Pond

Submersible Pond Pump

2 Year Warranty

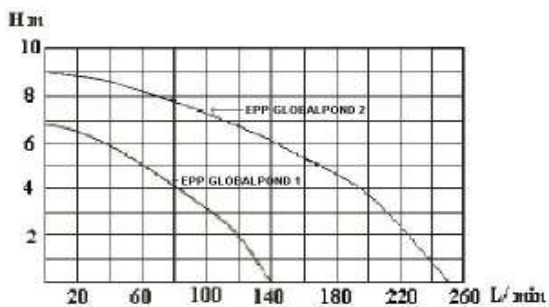
Product Code	Description	Lead Length	Watts	Max Head	Max LPH
EPPGLOBAL1	Global Pond 1	10m	280	7m	7200 (120 lpm)
EPPGLOBAL2	Global Pond 2	10m	750	9m	15000 (250 lpm)



Description	Length	Width	Height	Outlet
Global Pond 1	295mm	160mm	170mm	1-1/4" FI
Global Pond 2	330mm	160mm	170mm	1-1/4" FI

Features	Benefits
Triangular shaped body	Many ways to position pump
Able to operate on its side	Easy to hide in shallow ponds
High flow rates	Perfect for sheer water and other waterfalls
Quiet operation	Ideal for indoor and outdoor use
High head pressures	Ability to create larger scale water features

- Features a triangular shaped body to use standing up or laying on its side or back



Pond 7/15

Submersible Pond & Water Fall Pump with Filter

1 Year Warranty

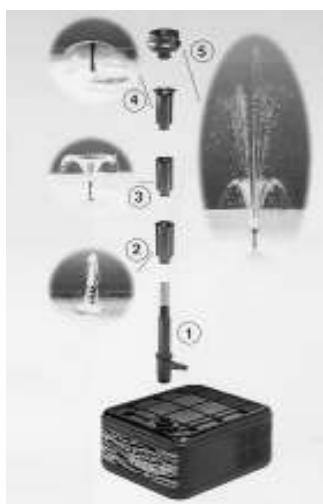
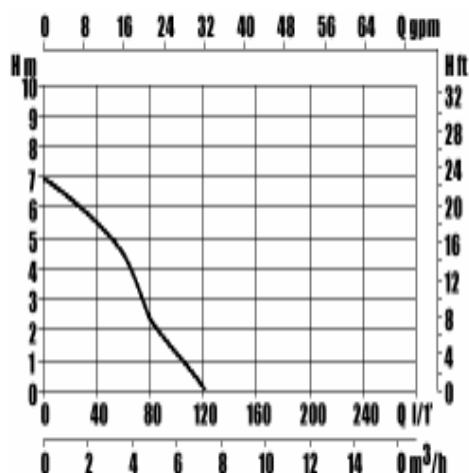
Product Code	Description	Lead Length	Watts	Max LPH	Max Head
EPPOND7	Pond 7	10m	280	7,200 (120 lpm)	7m
EPPOND15	Pond 15	10m	750	15,000 (250 lpm)	10m



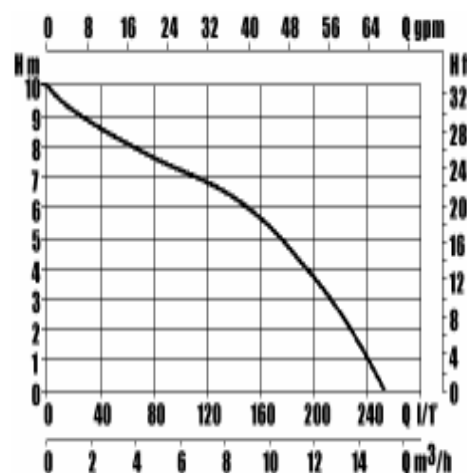
Model	Length	Width	Height	Inlet	Outlet	Weight
Pond 7	380mm	345mm	190mm	N/A	1" FI	6.2 kg
Pond 15	380mm	345mm	190mm	N/A	1" FI	7.5 kg

Features	Benefits
Very large filter sponge	Significant reduction in maintenance cycle
Large suction area	Less chance of large leaves etc.. blocking the inlet due to lower velocity of the water entering through the strainer
High flows and head pressure	Able to be used for fountains, waterfalls and streams
Neat compact polymer case	Great looks and functional as well
Continuous operation rating	Able to run 24 hour / 7 days without overheating, Filter must be cleaned regularly to prevent overheating!

POND 7



POND 15



Crystal Pond/Easy Pond UV

Submersible UV Filter

1 Year Warranty

PART NUMBER	MODEL	UV LAMP	PUMP WATTS	FLOW RATE MAX	POND SIZE
PPP 210040	CRYSTAL POND	9 WATT	55 W	2500 LPH	UP TO 8000 L
PPP 210062	EASY POND	11 WATT	55 W	2500 LPH	UP TO 10000 L

Technical Data Crystal Pond

Absorbed Power	55 Watts
Insulation Class	IP 68
Max Flow Rate	2480lph
Max Immersion Depth	1m
Weight	5.150kg
Max Pass Solid	4mm
Max operating Temp	35 Celsius
UV Lamp	9 Watt
Dimensions	L380mm x W380mm x 430mm

Key Features Crystal Pond

- Submersible Integrated Pump & Filter
- Compact Size Simple Operation
- Mechanical Filter For Solids
- Biological Filter For Healthy Pond
- UV-C Filter For Crystal Clear Water



UK Key features

The module features:

filtering sponge for mechanical filtering - lava (1 bag) for biological filtering - perforated screen for wet and dry system - Ø 25 back wash fitted with cock - inlet with Ø17 7W UV and with Ø 25 11W UV - Ø 25 outlet

- integrated UV unit - cover with air intakes.

The pump features a filtering screen, helically wound 4.5m Ø16 pipe with 7W UV and Ø 25 pipe with 11W UV.

Top effectiveness, low maintenance.

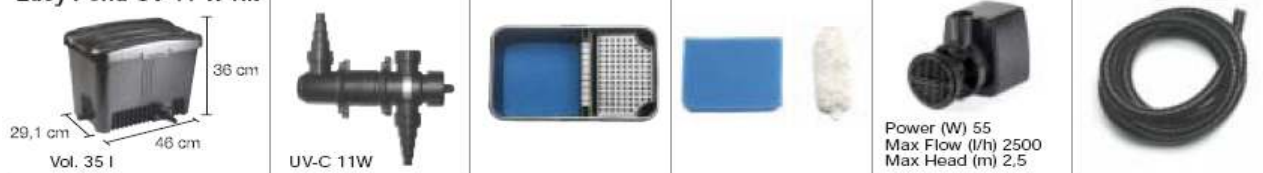
● Integrated system:

Mechanical filter: an extensive filtering surface is designed to trap the larger solids and leave water clean and healthy for plants and fish.

Biological filter: extremely porous inert matter creates the ideal condition for the establishment of beneficial bacterial colonies.

UV-C filter: the UV-C lamp (protected by a quartz tube) eliminates algae that would normally form in ponds.

Easy Pond UV 11 W Kit



Bio Easy

Pressurised Biological Filters

2 Year Warranty

Product Code	Description	Max Flow Through Unit	Pond Volume
PPP72510040	Bio-easy 1	2000 lph	5000 L
PPP72510050	Bio-easy 2	2000 lph	7000 L
PPP72510060	Bio-easy 3	2500 lph	12000 L

Bio Easy with UV Clarifier

Product Code	Description	Lead Length	UV Watts	Max Flow Through Unit	Pond Volume
PPP72510010	Bio-easy-UV1	5m	9	2000 lph	5000 L
PPP72510020	Bio-easy-UV2	5m	9	2000 lph	7000 L
PPP72510030	Bio-easy-UV3	5m	11	2500 lph	12000L
PPS804600	*Phillips UV Lamp	n/a	9	n/a	n/a
PPS804605	*Phillips UV Lamp	n/a	11	n/a	n/a

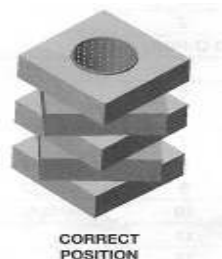
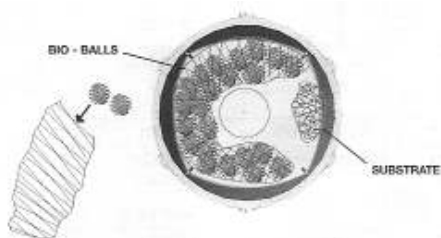
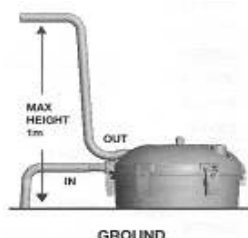
*** 6 month warranty on UV lamps**



Features	Benefits
Double filtering action (triple with UV)	Lower pond maintenance
Quality UV lamp	Over 9000 hours of continuous use
Back flushing system	Allows for quick cleaning without opening the filter
Pressurised system	Can also run a waterfall with water passing through the filter
Filter can be partly buried in the ground	Inlet and outlet are in the lid so filter can be easily hidden

Bio Easy

Technical Data



Note:

- Biological filtration systems should be run 24 hours per day as the bacteria responsible for nutrient removal needs a constant flow of water passing through to provide them with oxygen.
- If you have a UV clarifier fitted you must leave this on 24 hours per day and replace it each year.
- Pressurised filtration units should not have any outlet piping more than 1 meter above them.
- UV lamp has 6 month warranty.

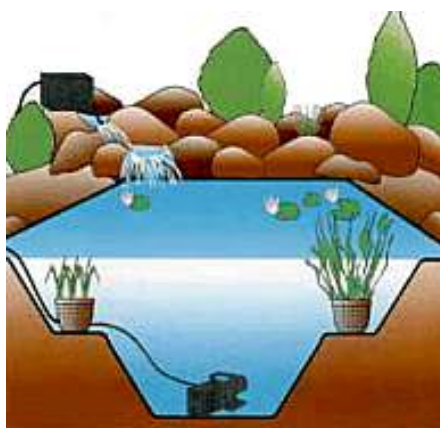
Submersible & Box Type Bio-Filter

1Year Warranty

Model	Diameter	Height	inlet size	outlet size
Bio-easy 1	400mm	410mm	1" barb	1" barb
Bio-easy 2	400mm	500mm	1" barb	1" barb
Bio-easy 3	400mm	570mm	1" barb	1" barb
Jet-Stream 500 & 1000	190mm	290mm	Stepped barb ½"-1"	½" MI

Product code	Description	Pond Volume
AKLBF5686 (Pressurised)	Jet-Stream 500	2250 Litres
AKLBF1693 (Pressurised)	Jet-Stream 1000	4545 Litres
PPAKOIBIOS(Gravity Fed)	Bio Master 3000	3000 Litres
PPAKOIBIOL(Gravity Fed)	Bio Master 6000	6000 Litres

Note: Jet-stream units are made to be fully submerged, can have up to 3 metres pressure run through them and a maximum flow of 1140 lph in the model 500 and 2280 lph in the model 1000. Inlet size 12-25mm and Outlet



LED Lights

Under Water & Above Water Lighting

1 Year Warranty

Product Code	Description	Lead Length	Volts Watts	Light Colour
QL-144C(RYB)	144 LED LIGHT VARIABLE	10m	24v/10w	Red/Yellow/Blue
QL-36B	36 LED LIGHT BLUE	10m	24v/10w	Blue
QL-36G	36 LED LIGHT GREEN	10m	24v/10w	Green
QL-36R	36 LED LIGHT RED	10m	24v/10w	Red
QL-36W	36 LED LIGHT WHITE	10m	24v/10w	White
QL-36Y	36 LED LIGHT YELLOW	10m	24v/10w	Yellow
QL-60 (R/Y/B)	60 LED LIGHT VARIABLE	10m	24v/10w	Red/Yellow/Blue
QL-72C(B/G/W)	72 LED LIGHT VARIABLE	10m	24v/10w	Blue/Green/White
QL-72C(R/B/W)	72 LED LIGHT VARIABLE	10m	24v/10w	Red/Blue/ White
QL-72C(R/G/B)	72 LED LIGHT VARIABLE	10m	24v/10w	Red/Green/Blue
QL-72C(R/G/W)	72 LED LIGHT VARIABLE	10m	24v/10w	Red/Green/White
QL-72C(R/Y/B)	72 LED LIGHT VARIABLE	10m	24v/10w	Red/Yellow/Blue
QL-72C(R/Y/G)	72 LED LIGHT VARIABLE	10m	24v/10w	Red/Yellow/Green
QL-72C(R/Y/W)	72 LED LIGHT VARIABLE	10m	24v/10w	Red/Yellow/White
QL-72G	72 LED LIGHT PLASTIC	10m	24v/10w	Green
QL-72R	72 LED LIGHT PLASTIC	10m	24v/10w	Red
QL-72Y	72 LED LIGHT PLASTIC	10m	24v/10w	Yellow
QL-72B	72 LED LIGHT PLASTIC	10m	24v/10w	Blue



QL -144C



QL - 60



QL - 72C



QL - 36



QL - 72

LED Lights

Under Water & Above Water Lighting

1 Year Warranty

QL-04	UNDERWATER LIGHT	10m	12v/20w	4 Colour
QL-05B	UNDERWATER LIGHT	10m	12v/10w	Blue
QL-06	MISTER/PUMP & LIGHT			
QLR-A12B	12 LED LIGHT NO BARB	10m	24v/10w	Blue
QLR-A12G	12 LED LIGHT NO BARB	10m	24v/10w	Green
QLR-A12R	12 LED LIGHT NO BARB	10m	24v/10w	Red
QLR-A12W	12 LED LIGHT NO BARB	10m	24v/10w	White
QLR-A12Y	12 LED LIGHT NO BARB	10m	24v/10w	Yellow
QLR-A12(R/B/W)	12 LED LIGHT NO BARB VARIABLE	10m	24v/10w	Red/Blue/ White
QLR-A24B	24 LED LIGHT NO BARB	10m	24v/10w	Blue
QLR-24W	24 LED LIGHT NO BARB	10m	24v/10w	White
QLR-B12B	12 LED LIGHT WITH BARB	10m	24v/10w	Blue
QLR-B12G	12 LED LIGHT WITH BARB	10m	24v/10w	Green
QLR-B12R	12 LED LIGHT WITH BARB	10m	24v/10w	Red
QLR-B12W	12 LED LIGHT WITH BARB	10m	24v/10w	White
QLR-B12C(R/B/W)	12 LED LIGHT VARIABLE WITH BARB	10m	24v/10w	Red/Blue/White
QLR-B120C(R/B/ G)	120 LED RING VAR	10m	24v/10w	Red/Blue/Green
QLR-A120B	120 LED RING	10m	24v/10w	Blue
QLR-A120G	120 LED RING	10m	24v/10w	Green
QLR-A120W	120 LED RING	10m	24v/10w	White
QPT - 01	TIMER & SENSOR		MAX 50w	



QLR - B12



QLR - B 120C



QLR - A12



QPT- 01

Mist Makers

Foggers/Smokers

1 Year Warranty

Product Code	Volts	Indoor / Outdoor Transformer	Lead Length	Lights	No of Discs
CH-24	24	Indoor	1.8m	C/C LED	1
DK 3-24	24	Outdoor	10m	No	3
DK 3-24L	24	Outdoor	10m	Halogen	3
DK 3-24C	24	Outdoor	10m	C/C LED	3
DK 5-24	24	Outdoor	10m	No	5
DK 5-24L	24	Outdoor	10m	Halogen	5
DK 5-24C	24	Outdoor	10m	C/C LED	5
DK 9-36	36	Outdoor	10m	C/C LED	9
DK 6-24X	24	Outdoor	10m	LED	6
DN -24	24	Indoor	1.8m	9 LED	1
DH -24B	24	Indoor	1.8m	12 LED	1

* C: LED lights change colour L: High LED Light

** Lead length does not include transformer lead



Floating Ring & 5 disc Mist Maker



3 Disc Kit inc spinner



DK6-24X

Mister Floating Rings & Replacement Discs

Product Code	Description
SPKO4C	Float to suit one disc Mister
SPKO4B	Float to suit three disc Mister
SPKO4A	Float to suit five disc Mister
SPKO4E	Float to suit six disc Mister
SPKO4D	Float to suit nine disc Mister
SPKO-5	16mm Ceramic Disc kit 1 disc
SPKO-1	20mm Ceramic Disc kit 1 disc
SPKO-6	20mm Ceramic Disc kit 3 disc
SPKO-7	20mm Ceramic Disc kit 5 disc

Fountain/Nozzle Kits

2009 Catalogue

1 Year Warranty

Product Code	Description	Nozzle Patterns in Kit
PPA72516005	3 Spray nozzles c/w adjustable riser (509251)	A,B,C
PPA72516020	Small Bell c/w adjustable riser (509254)	F
PPA72516025	Large Bell c/w adjustable riser (509255)	F
PPA72516030	3" Foamer c/w adjustable riser (509256)	D
PPA803082	1/2" Flow adjuster tee	n/a
PPA803083	3/4" Flow adjuster tee	n/a
EPAT-PIECE	Telescopic flow adjuster tee suit Pond 7/15	n/a
EPATULIP	Tulip Nozzle suit Pond 7/15	E
EPAWATERPLAY	3 Spray Nozzle suit Pond 7/15	C
EPAFOAMER	Foamer Nozzle suit Pond 7/15	D
EPABELL	Bell Nozzle suit Pond 7/15	F
PPS509223	Techno 600 fountain kit	C
PPS509224	Techno 1000 fountain kit	A,B,C,F
PPS509225	Techno 2000 fountain kit	A,B,C,F
PPS509227	Techno 3000 fountain kit	A,B,C,F
PPS509227	Techno 4000 fountain kit	A,B,C,D,F
PPS509228	Step 2 fountain kit	A,E,F
PPS509229	Step 3 fountain kit	A,E,F
PPS509224	PJC 401 & 1001 fountain kit	A,B,C
PPS509225	PJC 2001 / 3001 fountain kit	A,B,C,F
PPS509226	Cosmo 1/2/3 fountain kit	A,B,C,F
PPS509223	Easy-jet 950 fountain kit	A,B,C,F
PPS509224	Easy-jet 1200 / 1500 fountain kit	A,B,C,F
PPS509225	Easy-jet 2400 fountain kit	A,B,C,F
PPS509226	Easy-jet 3000 fountain kit	A,B,C,F
PPS509227	Easy-jet 4000 / 5000 fountain kit	A,B,C,F

Please note nozzle F is smaller version of nozzle D pictured



Impellers/Rotors

1 Year Warranty



<u>PART NUMBER</u>	<u>MODEL</u>	<u>COLOUR</u>
PPS570R75	TECHNO 600	WHITE
PPS570R76	TECHNO 1000	WHITE
PPS570R77	TECHNO 2000	WHITE
PPS570R79	TECHNO 3000	WHITE
PPS570R82	TECHNO 4000	WHITE
PPS57R113	COSMO 1	BLUE
PPS57R114	COSMO 2	YELLOW
PPS57R117	COSMO 3	GREY
PPS57R134	EASY JET/AQUA 800/950	BLUE
PPS57R137	EASYJET/AQUA 1200/1500	RED/BLUE
PPS57R138	EASYJET/AQUA 2400	GREEN
PPS57R143	EASYJET 3000	GREY 6 BLADE
PPS57R144	EASYJET 4000	BLACK 3 BLADE
PPS57R145	EASYJET 5000	GREY 6 BLADE

Filters

Product Code	Description
PPS500S65	Techno 600
PPS500S66	Techno 1000
PPS500S67	Techno 2000
PPS500S68	Techno 3000/4000
PPCOSFILTER	Cosmo 1-2-3
EPSP1501066	Pond 7-15



E-Deep

Submersible Automatic Pressure Pump

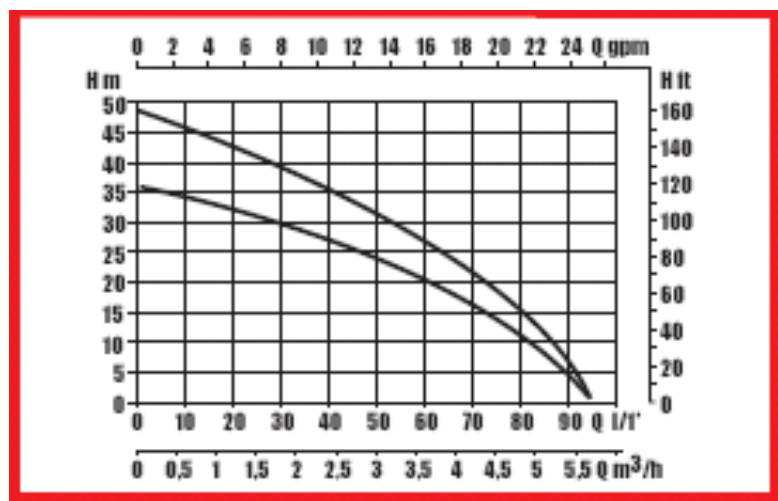
1 Year Warranty

Built-in Electronic Press Control

- Flow sensor
- Dry run protected
- In built Non Return Valve
- 15 metre power cable
- Filter screen
- No pressure tanks or switches
- Fitted directly into tank
- Minimal setup cost (Plumbing)
- Super quiet operation
- Can be fitted with suction kit (see pictured)
- Tamper & theft proof



Product Code	Description	Lead	Watts	Max LPH	Max Head	Kg
EPPELECDEEP 1000	E-DEEP 1000	15M	900	5700 (95 LPM)	36	11
EPPELECDEEP1200	E-DEEP 1200	15M	1100	5700 (95 LPM)	48	11



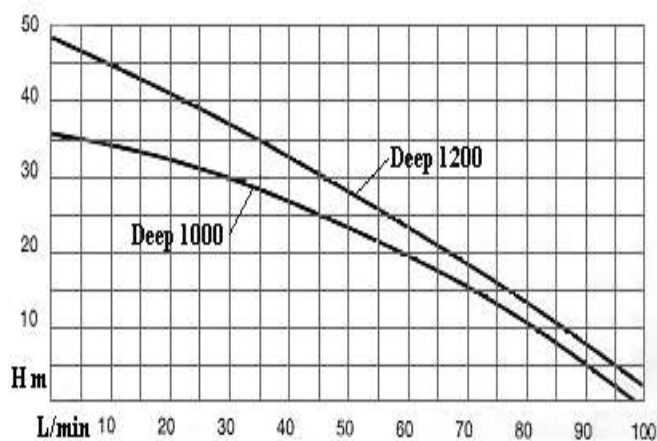
Deep Pumps

High Pressure Submersible Pumps for Clean Water

1 Year Warranty

Product Code	Description	Lead Length	Watts	Max LPH	Max Head
EPPDEEP1000A	DEEP 1000A	10M	900	6000 (100 LPM)	36
EPPDEEP1200A	DEEP 1200A	10M	1100	6000 (100 LPM)	48

- * Deeps come complete with 1" check valve and poly hose tail
- * Maximum submersion depth 10m



Multi purpose clean water pumps

- Suitable for Wells, Water Tanks and Irrigation
- Models with 4 and 5 impellers
- Pressures from 36 to 48 metres (55 psi to 72 psi)
- Fine screen strainer on inlet
- All models come with automatic float switch
- Can be fitted with Press Control (as pictured right)

Model	Diameter	Height	outlet size
Deep 1000A	150mm	370mm	1" FI
Deep 1200A	150mm	400mm	1" FI



Show Fou

High Head or Grey Water Use

1 Year Warranty

Product Code	Description	Lead Length	Max Head	Max Flow	Volts Watts
SFP SHA0512N	Showfou SHA0512N	5m	18m	6000 (100 lpm)	240v/375w
SFP SHA112N	Showfou SHA112N	5m	24m	12000 (200 lpm)	240v/750w

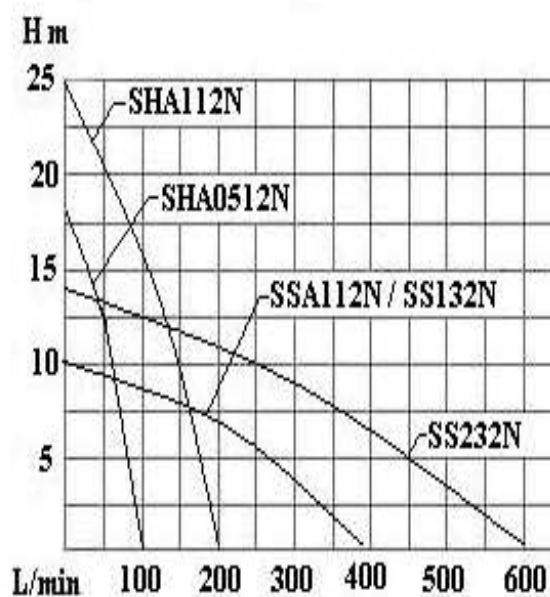
SHA Applications

- Clean Water
- Irrigation
- Tanks
- Pits



SSA Applications

- Grey Water
- Dirty Water
- Clean Water
- Irrigation
- Tanks
- Pits



Product Code	Description	Lead Length	Max Head	Max Flow	Volts Watts
SFP SSA112N	Showfou SSA112N	5m	10m	22800 (380 lpm)	240v/750w
SFP SS132N	Showfou SS132N	5m	10m	22800 (380 lpm)	415v/750w
SFP SS232N	Showfou SS232N	5m	14m	36000 (600 lpm)	415v/1125w

Speroni Pumps

Submersible Clean & Dirty Water Pumps

1 Year Warranty



CUTTY 150/N



TS 800/S APPLICATION

Hand-carry submersible automatic water pumps. Able to drain infiltrating water, cellars or reservoirs, clean or slightly dirty water and for garden irrigation.

Technical data

Capacity: H(m) = 9,7
Total head: l/m = 240
Power: kw = 0,8
Voltage: 240V-50Hz
Discharge: 32mm

CUTTY 150 APPLICATION

The Cutty series comprehend electric pump with plunged impeller, this impeller is multi-blade, open, with a cutting system in the suction side. It is particularly suitable in presence of long, filamentous or fibrous fibres and destroyable solids also idea for biologic liquids or in civil water transfer.

Technical data

Capacity: H(m) = 15
Total head: l/m = 350
Power: kw = 1,1
Voltage: 240V-50Hz
Discharge: 40mm

TF 800/S APPLICATION

Submersible water pumps with back impeller suitable to lift waste liquids even with suspended solids. Able to drain infiltrating water, cesspools or reservoirs, decanting water and emptying swimming pools and transfer.

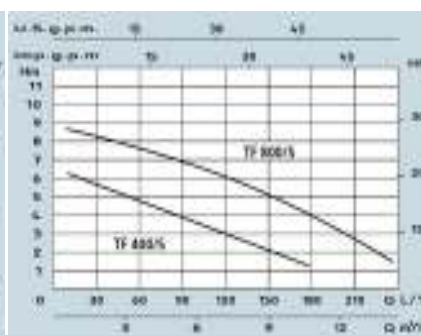
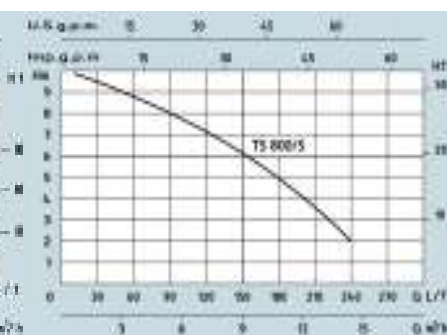
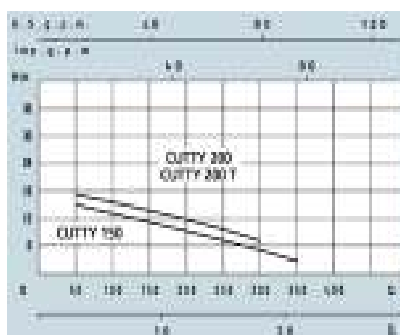
Technical data

Capacity: H(m) = 9,7
Total head: l/m = 240
Power: kw = 0,8
Voltage: 240V-50Hz
Discharge: 32mm

TS 800/S



TF 800/S



Global Sub Pumps

Submersible Pumps for Dirty Water or High Head Pressure

1 Year Warranty

- New line of Pumps
- Ideal for General Duty Water Transfer
- Light Weight for Portability
- TK Sub 1100 Watt is a Special Performance Model (15 Head)
- Fitted with Adjustable Float for Automatic Operation
- 10 Metre Cable as Standard
- Supplied with Elbow & Stepped Hose Fitting
- TK 1100 Stainless Steel Housing

Product Code	Description	Watts	Max LPH/ LPM	Max Particle	Max Head	Kg
TK-SUB 400W	Global Sub 400 DW	400w	7500/125	20mm	5.5m	3.9
TK-SUB 1100W	Global Sub 1100WSP	1100w	12000/200	35mm	15m	6.75

Global Sub 400 DW



Global Sub 1100 WSP



Global Submersible Pumps

Pumps for All Types of Pumping Applications

1 & 2 Year Warranty

Product code	Model	Watts	Uses	Max Head	Max Flow	kg
EPPSUB300A	SUB 300 A	280	C	7m	7200 (120 lpm)	3.9
EPPSUB300MV	SUB 300 MV	300	D/G	6m	6600 (110 lpm)	3.7
EPPSUB300AV	SUB 300 AV	300	D/G	6m	6600 (110 lpm)	3.9
EPPSUB700M	SUB 700 M	750	C	10m	15000 (250 lpm)	5.1
EPPSUB700A	SUB 700 A	750	C	10m	15000 (250 lpm)	5.3
EPPSUB750MV	SUB 750 MV	650	D/G	9m	13200 (220 lpm)	5.2
EPPSUB750AV	SUB 750 AV	650	D/G	9m	13200 (220 lpm)	5.4
EPPGLOBAL 2A	GLOBAL 2A	750	G	9m	15000 (250 lpm)	5.4
EPPGLOBAL 2AV	GLOBAL 2AV	750	D/G	9m	14000 (240 lpm)	5.4
EPPRON130AV	RONDI 130 AV	330	D/G	5m	7800 (130 lpm)	4.1
EPPGLO130AV	GLOBAL 130 AV	330	D/G	5m	7800 (130 lpm)	4.1
GLOBAL PLAS12V	SUB 12V PLASTIC DC	120	C	8m	6000 (100 lpm)	4.0
GLOBAL PLAS 24V	SUB 24V PLASTIC DC	120	C	8m	6000 (100 lpm)	4.0
GLOBAL S/S 12V	SUB 12V S/STEEL DC	120	C	8m	6000 (100 lpm)	4.0
GLOBAL S/S 24V	SUB 24V S/STEEL DC	120	C	8m	6000 (100 lpm)	4.0
EPPEASYFLO300	EASYFLOW 300	300	C	6.5m	7500 (125 lpm)	4.2
EPPEASYFLO600	EASYFLOW 600	600	C	9m	11700 (195 lpm)	5.1
EPPEXTRAC AV	EXTRACTOR-AV	1000	D/G	11m	19000 (316 lpm)	8.0
EPPEXTRAC MV	EXTRACTOR-MV	1000	D/G	11m	19000 (316 lpm)	7.8
EPPECOSUB410	GLOBAL SALT 410	280	SW	7M	8400 (140 lpm)	4.2

Symbols used above:

M: MANUAL OPERATION
A: AUTOMATIC OPERATION
V: VORTEX IMPELLER
C: CLEAN WATER (No solids)
D: DIRTY WATER (Solids up to 30mm-38mm)
G: GREY WATER (Taps, Washing machines, Water tanks)
SW: SALT WATER USE
DC: DC POWER (12 Volt or 24Volt)

Pump Curves

2009 Catalogue

APPLICATIONS

Clean water
Drainage
Water transfer
Irrigation
Outlet 32mm
1 1/4 inch



SUB 300A



Clean water
Drainage
Water transfer
Irrigation
Outlet 32mm
1 1/4 inch



SUB 700A



Grey water
Water transfer
Drainage
Irrigation
Outlet 32mm
1 1/4 inch



SUB 300AV



Pump Curves

APPLICATIONS

Dirty water
 Grey water
 Clean water
 Sumps
 Transfer
 Irrigation
 Vortex base
 Outlet 32mm
 1 1/4 inch



SUB750 AV



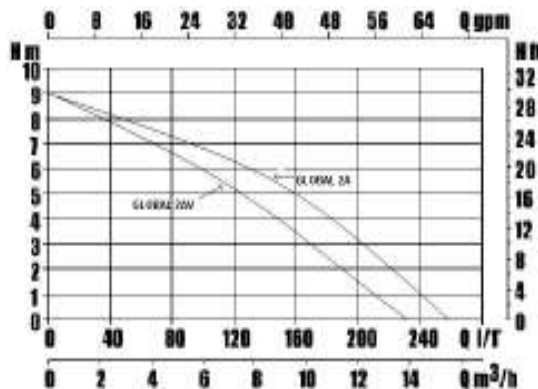
Dirty water
 Grey water
 Clean water
 Sumps
 Transfer
 Irrigation
 Vortex base
 Outlet 40mm
 1 1/2 inch



EXTRACTOR AV



Clean & Dirty water
 Grey water
 Transfer
 Irrigation
 Pools
 Waste water systems
 Basements
 Filter & vortex base
 Outlet 32mm
 1 1/4 inch



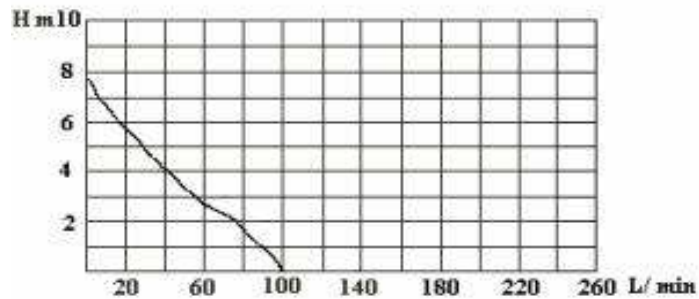
GLOBAL 2/2AV



Pump Curves

APPLICATIONS

Clean water
Grey water
Filter base
Outlet 25mm
1 inch



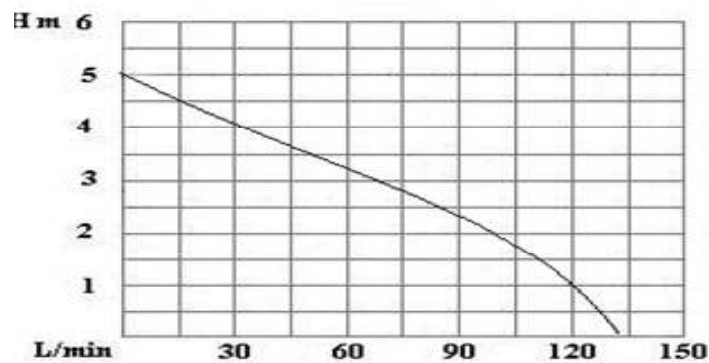
TLDC-SS



TLDC-PLAS



Clean water
Grey water
Vortex base
Outlet 32mm
1 1/4 inch



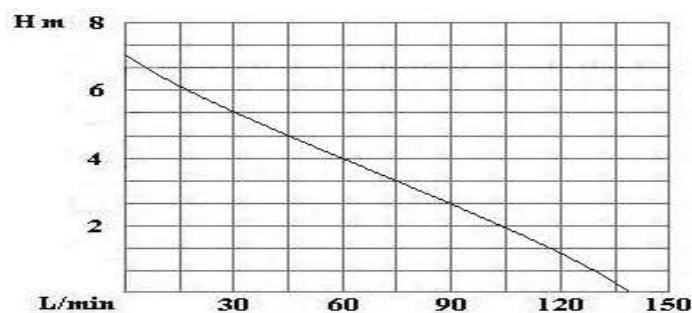
RONDI 130AV



GLOBAL 130AV



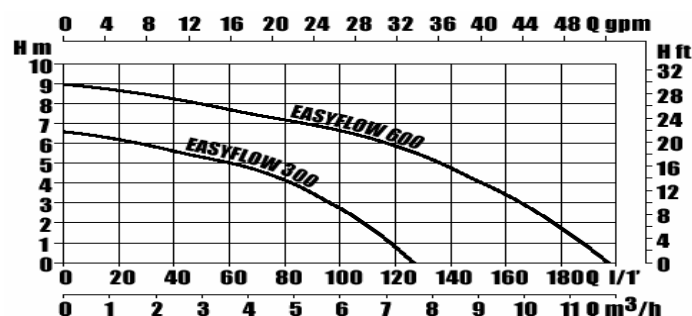
Clean water
Salt water
Filter base
Outlet 32mm
1 1/4 inch



GLOBAL SALT



Clean water
Transfer
Irrigation
Pools
Basements
Filter Base
Outlet 25 mm
1 inch



EASYFLOW3/600



Euro Press 800

Automatic Pressure Pump

2 Year Warranty

Product Code	Description	Watts	Max LPH	Max Head	Kg
SP CAM80/FT-HL	Euro Press 800	700	3000 / 50	42m	7.5
SP CAM80/A HL	Euro 800 Pump Only	700	3000 / 50	42m	5.5
SP EUROPRESS	Euro Pressure Control	Max 1100		50m	1.2

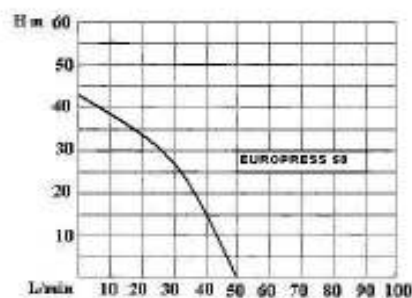
- High quality Italian made pressure pump delivering 50 LPM and 42 Metre Head
- Designed for domestic water supply and ideal for rainwater tank use
- Able to run 2-3 taps, compact design will perform all year long and equipped with electronic controller for run dry protection.

Euro Press 800



	Euro Press 800
Power	240V (0.7 kw)
Inlet/Outlet	1" F BSP
Max flow	50 LPM
Max head	42 M
Weight	7.4 kg
Dimensions	320x320x210
Manufactured	Italy
Warranty	2 Year
psi / bar / kpa	65p / 4b / 400k

Euro 800 Pump Only



Euro Press Control



APPLICATION

Patented water control device with built-in dry-running protection, pressure control and non-return-system. Ideal as equipment on irrigation pumps or multistage submersible pumps up to kW 1,4 (P1) kW 1,1 (P2). It automatically starts whenever water is needed and stops when water is not necessary, (eg. when the tap is turned off)

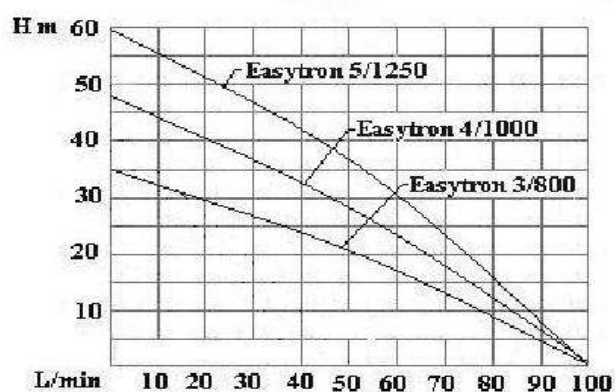
Easy Tron

Domestic Multi Stage Pressure Pumps

2 Year Warranty

All Easy Tron pumps come complete with Press Control unit giving automatic operation and loss of prime protection

Product Code	Description	Watts	Max LPH/LPM	Max Head	Kg
EPPTRON3/800	Easytron 3/800	800	6000 / 100	36m	9.9
EPPTRON4/1000	Easytron 4/1000	1000	6000 / 100	48m	11.9
EPPTRON5/1250	Easytron 5/1250	1250	6000 / 100	60m	13.5



Easytron 3/800 3-4 Taps per household
 Easytron 4/1000 4-6 Taps per household
 Easytron 5/1250 5+ Taps per household

MG Multi-Stage Pump Only

All MG model Pumps are multi stage centrifugal pumps with manual operation



Product Code	Description	Watts	Max LPH	Max Head	Kg
EPPMG3/800	MG 3/800	800	6000 / 100	36m	8.7
EPPMG4/1000	MG 4/1000	1000	6000 / 100	48m	10.7
EPPMG5/1250	MG 5/1250	1250	6000 / 100	60m	12.3

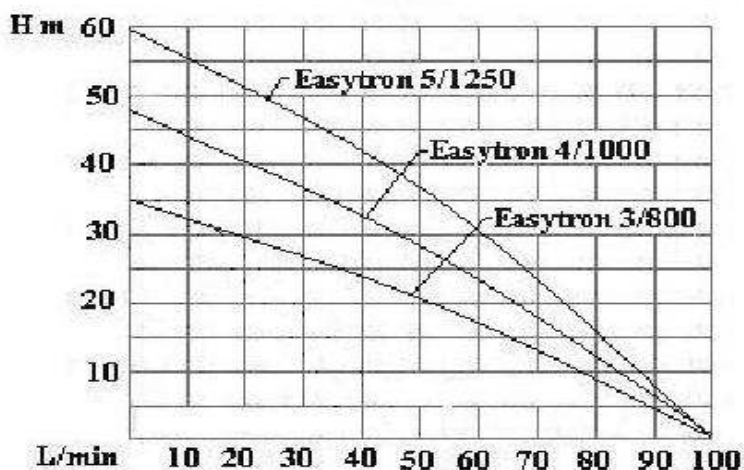
Easy Tron

Technical Data

Self-Priming Jet & Multi-Stage Pumps with LOP Protection

Features:

- Dry run protection
- Constant Pressure/Flow valve
- Automatic and manual reset
- Anti-corrosive materials
- Thermal overload protection
- Compact, light weight
- Mechanical seal
- Suction lift capabilities of 7m
- Pump pressures from 3.6 – 6 bar



Applications:

- Domestic water supply
- Irrigation systems
- Pressure boosting
- Shallow wells and bores
- Industrial/Commercial circulation
- Water tanks

	Easytron 3/800	Easytron 4/1000	Easytron 5/1250
Power	240V (0.8 kw)	240V (1.0 kw)	240V (1.2 kw)
Inlet/Outlet	1" FI	1" FI	1" FI
Inlet fitting	none	none	none
Outlet fitting	1" poly hose tail elb	1" poly hose tail elb	1" poly hose tail elb
Max flow	100 lpm	100 lpm	100 lpm
Max head	36 M	48 M	60 M
Weight	11.2 kg	13.4 kg	14.8 kg
Dimensions	360x190x490	440x190x490	450x190x490
Manufactured	Italy	Italy	Italy
Warranty	2 Year	2 Year	2 Year
psi / bar / kpa	60p / 3.6b / 360k	75p / 4.8b / 480k	86p / 6b / 600k

Float Switches

For use in Pits & Rain Water Tanks

1 Year Warranty

<u>Product Code</u>	<u>Description</u>
SRM-A3S	Float Switch 3m Square PVC Inc Counter Weight
SRM-A5S	Float Switch 5m Square PVC Inc Counter Weight
SRM-A10R	Float Switch 10m Round PVC Inc Counter Weight
SRM-A10S	Float Switch 10m Square PVC Inc Counter Weight
SRM-A20R	Float Switch 20m Round PVC Inc Counter Weight
SRM-A50R	Float Switch 50m Round PVC Inc Counter Weight
A-Count	Counter Weights
FSPB-3MTE	3m Piggy Back Float Switch Tank Empty
FSPB-3MTF	3m Piggy Back Float Switch Tank Fill
FSPB-5MTE	5m Piggy Back Float Switch Tank Empty
FSPB-5MTF	5m Piggy Back Float Switch Tank Fill
FSPB-10MTE	10m Piggy Back Float Switch Tank Empty
FSPB-10MTF	10m Piggy Back Float Switch Tank Fill
FSPB-20MTE	20m Piggy Back Float Switch Tank Empty
FSPB-20MTF	20m Piggy Back Float Switch Tank Fill
FSPB-50MTE	50m Piggy Back Float Switch Tank Empty
FSPB-50MTF	50m Piggy Back Float Switch Tank Fill



INSTRUCTION FOR FLOATING CONTROL OF ELECTRICAL PUMP

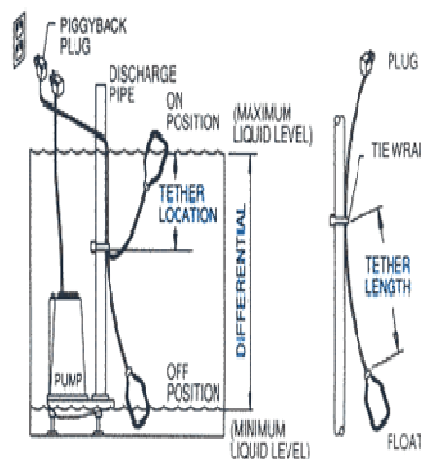
The device, connected to an electrical pump through an electrical cable, is used for the auto-control and no-water protection of the water tower and water pool.

1. TECHNICAL DATA:

- * Rated Voltage: AC 125V/250V
- * Max. Current: 18(4)A
- * Frequency: 50-60Hz
- * Max. Operating Temperature: 50°C
- * Protection Grade: IP68

2. INSTALLATION:

- (1) Fix the counterweight on the power cable to control water level. (Counterweight is only provided at request.)
- (2) Connect the electrical cable with the electrical pump and then fix it inside the water tank.
- (3) The length of the cable section between the location point of the device and the device body determines the water level.
- (4) The terminal of the electrical cable shall never be immersed into water during installation.



Loss of Prime Switch

**Loss of prime protection
for pumps up to 2kw (240 Volt)**

1 Year Warranty

Features & Applications:

- For use on manual & automatic pumps
- Immediately stops pump when pressure drops below 0.8 bar (11.5psi)
- Suitable for use on pumps up to 2000 watt
- For use on surface mounted and submersible pumps
- Manual reset after the switch is activated
- Kit includes 25mm M/F adaptor tee to fit into the pump discharge line
- No electrician required to install
- Ideal for pool pumps, pressure pumps, pond pumps, high flow commercial/agricultural pumps, multistage pumps in fact it suits almost any pump application you could think of.



Technical data:

Power: use on pumps up to 2kw
Cuts off power at: .8bar (11.5psi)
Minimum flow: any flow is ok
Maximum Flow: any flow is ok, high flows may require a by-pass line
Inlet/outlet size 1"MI x 1" FI



SRM-2 20-40	Pressure switch 20-40 psi
SRM-2 30-50	Pressure switch 30-50 psi
SRM-2 40-60	Pressure switch 40-60 psi
TK-50908	Global Loss of Prime Switch

Pressure Cut Out Switches

- Ideal for all pressure pump applications
- Fully adjustable (if required)
- Requires electrician to install
- Comes in 3 preset ranges
- 20-40, 30-50 & 40-60 psi



Friction Loss Charts

Nominal Pipe Size (mm)	Fitting or Valve Type				
	Standard 90° Bend	Foot Valve & Strainer	Non-Return Valve	Gate Valve (Fully Open)	Tee Piece of Sharp Elbow
25	0.76	0.34	0.30	0.24	0.82
40	1.13	0.52	0.49	0.37	1.31
50	1.52	0.73	0.67	0.52	1.80
65	1.95	0.91	0.85	0.64	2.32
75	2.44	1.10	1.07	0.79	2.87
100	3.26	1.52	1.43	1.10	3.96
150	5.27	2.47	2.32	1.77	6.40

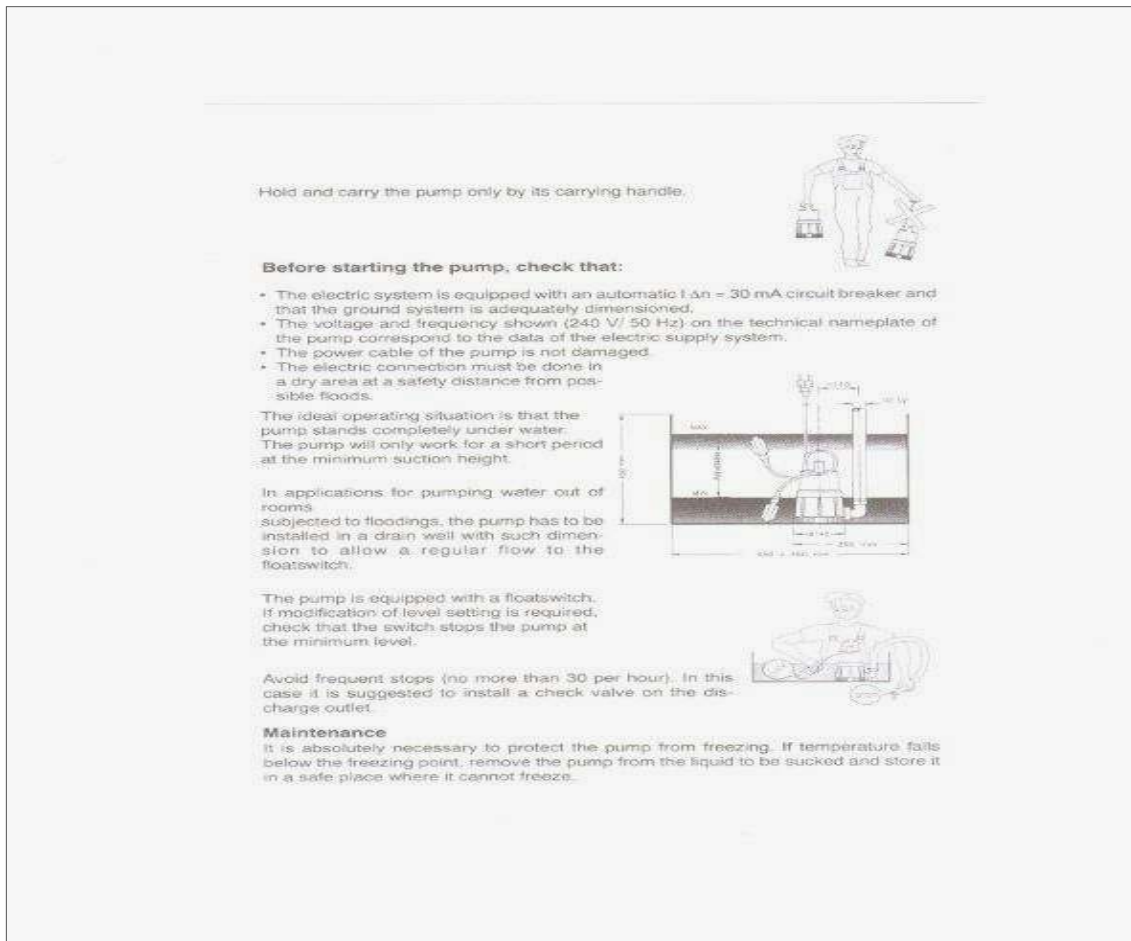
Notes:

- Values are given in metres of equivalent straight pipe.
- These values are approximate only. Head losses vary between manufacturers for equivalent types of fittings and for differing velocities. For more accurate data, consult the manufacturers' published data.

Flow Rate (l/s)	Head Loss (metres per 100 metres of pipe)									
	Nom. 32mm		Nom. 40mm		Nom. 50mm		Nom. 80mm		Nom. 100mm	
	PN9	PN12	PN9	PN12	PN9	PN12	PN9	PN12	PN9	PN12
0.4	0.48	0.54	0.25	0.29	0.09	0.10				
0.5	0.70	0.80	0.37	0.42	0.13	0.14				
0.6	0.97	1.10	0.51	0.58	0.17	0.20				
0.7	1.27	1.44	0.66	0.77	0.23	0.26				
0.8	1.61	1.82	0.84	0.97	0.29	0.33				
0.9	1.98	2.24	1.03	1.19	0.35	0.40	0.06	0.06		
1.0	2.38	2.70	1.24	1.43	0.42	0.48	0.07	0.08		
1.2	3.29	3.74	1.72	1.98	0.59	0.67	0.09	0.11		
1.4	4.33	4.91	2.25	2.60	0.77	0.88	0.12	0.14		
1.6	5.49	6.23	2.86	3.30	0.97	1.11	0.15	0.18		
1.8	6.77	7.68	3.52	4.06	1.20	1.37	0.19	0.22	0.06	0.06
2.0	8.17	9.27	4.25	4.90	1.45	1.65	0.23	0.26	0.07	0.08
2.5	12.18	13.83	6.33	7.30	2.15	2.45	0.34	0.39	0.10	0.12
3.0	16.89	19.18	8.77	10.12	2.97	3.4	0.46	0.53	0.14	0.16
3.5			11.56	13.35	3.92	4.47	0.61	0.70	0.18	0.21
4.0			14.7	16.98	4.98	5.68	0.77	0.89	0.23	0.26
4.5			18.18	20.99	6.15	7.02	0.95	1.10	0.29	0.33
5.0					7.43	8.49	1.15	1.32	0.34	0.39
5.5					8.82	10.07	1.37	1.57	0.41	0.47
6.0					10.32	11.78	1.60	1.83	0.48	0.55
7.0					13.62	15.59	2.11	2.42	0.63	0.72
8.0						19.82	2.68	3.07	0.80	0.91
9.0						24.54	3.31	3.80	0.98	1.13
10.0						29.71	4.00	4.59	1.19	1.36
11.0							4.75	5.46	1.41	1.62
12.0							5.56	6.39	1.65	1.89

Points Of Interest

- **1psi = 0.06bar = 6.895kpa pressure**
- **50psi = 3.4bar = 340kpa pressure**
- **86psi = 6bar = 600kpa pressure**
- **Wattage divided by Voltage will give you Pump Amps**
- **When working out Start Amps it will be 3 x the Run Amps**
- **Every Metre of Suction Lift used must be subtracted from Total Head of Pump**
- **Blocked Suction and Discharge Pipes will cause Pumps to Overheat and Burn Out.**
- **Smaller Outlets or Hose diameters does not equal better Pressure with Open Impeller Pumps as it only decreases Flow Rates and causes Overheating**
- **For better Flow Rates on Pumps increase diameter size of the hose**
- **Every Elbow fitted in the Line will cause Friction Loss**
- **Don't lift any Pump from Pits etc by its Lead**
- **Do not tamper with Pumps as Warranty will be Void**



Notes

[illegible]