

Pumps

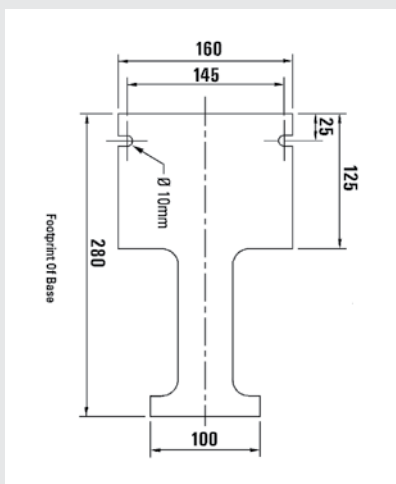
41-60
Pumps



Certikin Aquaspeed Pumps

Features

- Solid clear pump lid for easy inspection of the pump basket
- Secondary seal for added pump motor protection
- Comes complete with 2" quick connect unions for ease of installation
- 316 high grade mechanical seal
- Suitable for salt chlorinated pools
- Hydraulically efficient impeller and diffuser design for maximum hydraulic output whilst minimising turbulence
- Single piece fibreglass filled pump body to ensure maximum strength and durability
- UV stabilised and corrosion resistant pump body
- TUV approved
- Exclusive to Certikin
- Limited 2 year warranty (excludes mechanical seal and capacitor).



Head m ³ /hr	4	6	8	10	11	12	15	16	18
AQP051N	12	10	7.5	4.95					
AQP071N	14	12.5	11	9	7.5	6			
AQP101N	20	18	17	15	13.5	12.5	7	5	
AQP151N	24	22.5	20	18	17	15	9	7	
AQP201N			27	24.5	23	21	15	12.5	5
AQP301N			32.5	28	25	25	15	10	
AQP073N	14	12.5	11	9	7.5	6	7		
AQP103N	20	18	17	15	13.5	12.5	9	5	
AQP153N	24	22.5	20	18	17	15	15	7	
AQP203N			27	24.5	23	21	15	12.5	5
AQP303N			32.5	28	25	25	15	10	

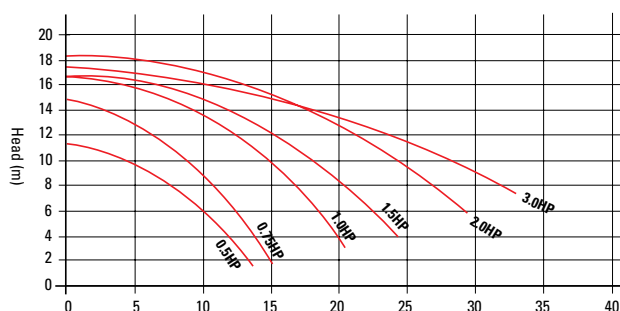
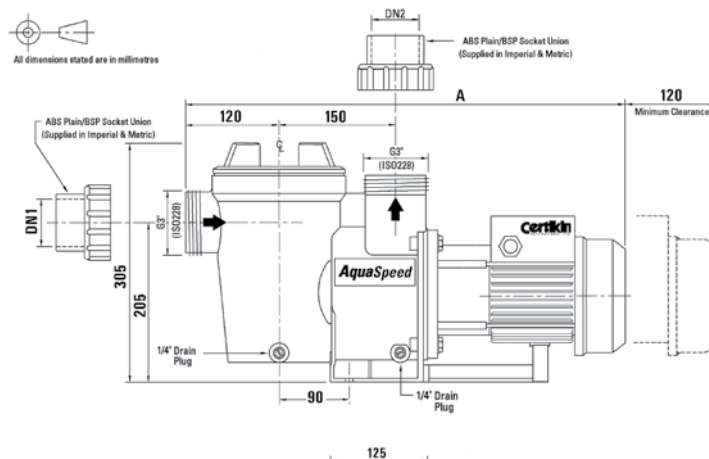


See page 145-155 for all your pipes & fittings



Aquaspeed Pumps - Single / Three Phase

				Price
C	AQP051N	0.5HP (0.25kW) Pump	1 Phase, 220 Volt, 1.5" / 2" suction & delivery	£547.00
C	AQP071N	0.75HP (0.56kW) Pump	1 Phase, 220 Volt, 1.5" / 2" suction & delivery	£571.00
C	AQP101N	1 HP (0.75kW) Pump	1 Phase, 220 Volt, 1.5" / 2" suction & delivery	£599.00
C	AQP151N	1.5 HP (1.1kW) Pump	1 Phase, 220 Volt, 1.5" / 2" suction & delivery	£645.00
C	AQP201N	2 HP (1.5kW) Pump	1 Phase, 220 Volt, 2" suction & delivery	£660.00
C	AQP301N	3 HP (2.2kW) Pump	1 Phase, 220 Volt, 2" suction & delivery	£615.00
C	AQP073N	0.75HP (0.56kW) Pump	3 Phase, 380 Volt, 1.5" / 2" suction & delivery	£566.00
C	AQP103N	1 HP (0.75kW) Pump	3 Phase, 380 Volt, 1.5" / 2" suction & delivery	£582.00
C	AQP153N	1.5 HP (1.1kW) Pump	3 Phase, 380 Volt, 1.5" / 2" suction & delivery	£590.00
C	AQP203N	2 HP (1.5kW) Pump	3 Phase, 380 Volt, 2" suction & delivery	£608.00
C	AQP303N	3 HP (2.2kW) Pump	3 Phase, 380 Volt, 2" suction & delivery	£613.50



Certikin Aquaspeed Pumps - Variable & 2 Speed



Aquaspeed Variable Pumps

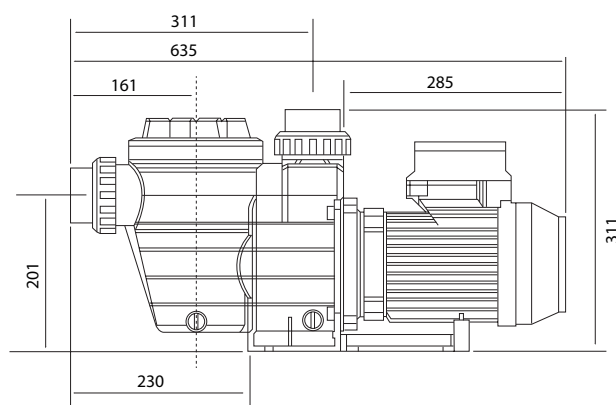
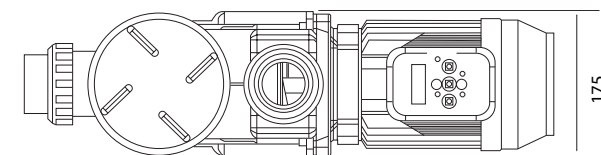
		Price
E AQP100ECO-V	Aquaspeed ECO-V 1HP Variable Speed Pump	£1295.00
E AQP150ECO-V	Aquaspeed ECO-V 1.5HP Variable speed pump	£1380.00

Certikin Aquaspeed Variable Speed Pump

The Aquaspeed 100 ECO-V pump is the latest addition to the already existing range of Aquaspeed pumps. With all the features and benefits of the renowned Aquaspeed Pump range the new ECO-V brings variable speed economy to an industry favourite.

The Aquaspeed 100 ECO-V is equipped with the very latest state of the art variable speed permanent magnet brushless motor that results in the ability to vary the motor speed depending on the installation which in turn varies the water flow resulting in a reduction of energy consumption.

Ideal for new installations or retro fit as the connections are exactly the same as the single speed Aquaspeed.



The Aquaspeed 100 ECO-V pump has 3 variable pump settings ... low speed for standard filtration (99% of the time), medium speed for use with automatic cleaners and high speed for vacuuming and backwashing ... and each setting can be programmed to ensure that the performance is at the most efficient and therefore cost effective.

Additional Information

Each pump comes complete with built on socket unions.

The Aquaspeed pump is not compatible with Baquacil.

3 Phase and 2 speed Aquaspeed pumps are supplied without cable.



Aquaspeed Pumps - Two Speed Single Phase

		Price
C AQP2151N	Two speed 1.5" suction and delivery, single phase Aquaspeed pumps - 1.5HP	£675.00



See pages 68-69
for filter and pump kits.

Viron eVo Pumps

The Viron Pump

The next evolution in energy efficiency

- The right size pump to suit your pool and filtration system
- Saves you money
- 8 star energy rating
- Reduce CO₂ emissions
- Quiet operation
- Longer equipment Life

Most swimming pools are effectively filtered and sanitised with flow rates ranging from 7-12m³/hr. In fact they will never require more than 15m³/hr - 18m³/hr for tasks such as cleaning the filter or vacuuming the pool, and for these the Viron P320 eVo is ideal. However, for larger pools, multiple spa jets, water features or in floor cleaning systems, a larger capacity pump may be required. For these applications, Certikin have introduced the Viron P600 eVo, a pump with an impressive 36m³/hr flow rate.

Simplicity of Operation

Unlike so many complicated appliances today, Viron eVo has been carefully designed for ease of operation. Three programmed speeds are factory preset and will suit most pools and most applications. Each speed however, is able to be adjusted with a simple press of an up or down button. Operation is intuitive, with specific design input from the non IT generation to make the Viron eVo as user friendly as possible.

The perfect match for your pool

Many factors dictate the ideal flow rate for your pool or spa. The filter often limits the maximum flow, but so will the plumbing and other equipment installed such as chlorinators, heaters, cleaners and water features. Each pump speed can be changed to optimise the water flow to suit your pool shape, cleaner type, size and location, making the Viron eVo range of pumps the most flexible and easy to use variable speed pumps on the market. Suction cleaners, pressure cleaners, waterfalls, spa jets and infloor cleaning systems are all easy to cater for with Viron eVo Pumps' flexibility and programmability.

Energy Savings

Increasing or decreasing the speed of a pump simply changes the flow rate by the same rate. However, the actual energy used to change the speed and flow varies dramatically. Halve the speed of your pump and the flow rate will also halve but, the energy consumed drops by more than 85%. Compared to conventional single speed pumps, the Viron eVo pump will save on operating costs.

Environmentally Friendly

The Viron eVo range takes new steps forward in environmentally friendly pumps. In fact, a conventional single speed pump uses more energy, and is the cause of more CO₂ emissions than almost any other household appliance. Viron eVo pumps reduce energy consumption by up to 90% and effectively reduce greenhouse emissions by up to 90% (when power supplied from coal fired power plants). But, manufacturing a pump also contributes to greenhouse emissions. The larger the motor, the more raw materials go into it, and the more greenhouse emissions are used to produce the motor. Viron produce the right size motor for your individual application, reducing our carbon footprint in the manufacturing process.

Built For The Tough Summer Climates

Your Viron eVo Pump is a significant investment. Each individual component is carefully designed and selected for maximum life span in the tough climates. 316 stainless steel hardware, robust engineering plastics and high quality silicone seals create a pump that lasts. Even the motor and sophisticated electronics are carefully designed and manufactured to be easily serviced and repaired.

Certikin is proud to release the next evolution in energy efficiency. Viron eVo Pumps are a range of fully variable speed energy efficient pumps to suit all pool sizes, filtration systems and your budget.



Viron Pump - P600

E VP600 Max 600 - 36m³/hr @ 8m head Price **£1490.00**



Viron Pump - P320

E VP320 Max 320 - 19m³/hr @ 8m head Price **£1040.00**

Code	P600	P320
Lowest annual energy cost - kW/h	367kW/h per annum	374kW/h per annum
Full variable speed memory	•	•
LCD speed display	•	•
Tailor speed to suit any application	•	•
Tailor to pool and cleaner	•	•
Variable priming flow rate	•	•
Selectable priming time from 2 to 120 min	•	•
4 programmable speeds per day	•	•
In built timers with speed selection	•	•
Suitable for infloor cleaning systems	•	•
Suitable for large sand filters	•	•
Large pools require extra circulation	•	•
Power factor correction	•	•
Easily serviceable motor	•	•
Fully serviceable electronics	•	•

Intelliflo Variable Speed Pump

Intelliflo 5P6R VSD

- Reduced energy consumption
- Low noise at low RPM
- Quick-Lock trap cover for easy cleaning and large see through lid
- Suitable for salt chlorinated water (up to 4.5% salt concentrate)

Intelliflo pumps provide vastly reduce energy consumption compared to standard pool pumps. By reducing the speed of the motor energy is saved and filtration can be improved. By reducing the velocity through the filter bed.

Intelliflo Variable Speed Pump

		Price
E	SW5P6R-VSD2 Intelliflo 5P6R VSD Pump	£1810.00



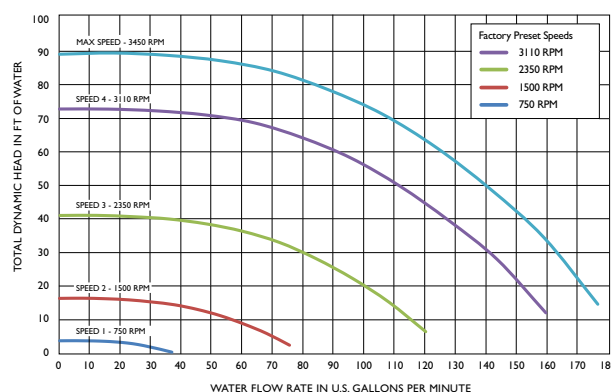
FlowVis Flow Meter

		Price
E	FLVIS FlowVis 2" & 2.5" Flow Meter (Scale in GPM)	£285.00
E	FLVIS15 FlowVis 1.5" Flow Meter (Scale in GPM)	£285.00

FlowVis Flow Meter

FlowVis is a revolution in reliable flow measurement. It is the most advanced, affordable and reliable precision Flow Meter designed specifically for pools, Spas, Fountains and Water Features.

- Combined functionality of Flow Meter and Check Valve
- Average accuracy of 2.01% between 20 – 110 GPM
- Installation flexibility. No requirement for 15X straight pipe diameter.
- Installs horizontally, vertically or even upside down!
- Clear, easy to read scale in GPM
- No calibration required
- NSF certified to 50psi



See page 145-155 for all your pipes & fittings

Certikin Euroswim Pump - Powered By DAB

Features

- High efficiency pump for swimming pools
- High capacity pre-filter. Up to 1.5HP 4 litres and up to 3 HP from 5 litres
- 2" suction and discharge ports reinforced with S/S rings
- Liquid temperature: up to 60°C, Ambient temperature: up to 50°C.
- Reduced noise levels of 53 to 64 (LpA)
- Strainer cover in clear polycarbonate for constant visibility
- Suitable for salt chlorinated pools

DAB Pumps Ltd has 35 years expertise in manufacturing pumps for a variety of different applications. Their sought-after Euroswim is a low noise, self-priming centrifugal pump with a large pre-filter basket enabling the user to empty less often and minimize maintenance.

Head m³/hr	6	8	10	11	12	14	15	16	18
EUP051	16.9	14	10.1	6.8	0	N/A	N/A	N/A	N/A
EUP071	19.8	17	13.8	11.9	9.7	N/A	N/A	N/A	N/A
EUP101	23.4	20.9	18	16.2	14.1	9.5	5.9	N/A	N/A
EUP151	28.9	25.8	22.8	20.9	18.5	12.6	7.8	N/A	N/A
EUP201	33.5	31	28.4	27.2	25.4	21	18.2	14	14.2
EUP301	N/A	N/A	39.8	38.4	36.7	33.5	31.6	29.5	23.9
EUP073	19.8	17	13.8	11.9	9.7	N/A	N/A	N/A	N/A
EUP103	23.4	20.9	18	16.2	14.1	9.5	5.9	N/A	N/A
EUP153	28.9	25.8	22.8	20.9	18.5	12.6	7.8	N/A	N/A
EUP203	33.5	31	28.4	27.2	25.4	21	18.2	14	4.2
EUP303	N/A	N/A	39.8	38.4	36.7	33.5	31.6	29.5	23.9



Fittings To Suit Euroswim Pump

R2	GP200SUMT	2" Socket union MT / FP	Price
			£11.90

E.Swim Variable Speed Pump

Energy Saving

- High efficiency brushless motor
- 8 speed settable with timer
- Optimized hydraulic parts to reduce head losses
- Variable speed or variable flow function

Comfort

- Quiet
- New user friendly LCD display
- Simple control and setting of working parameters
- Integrated diagnostics for the protection of the pump

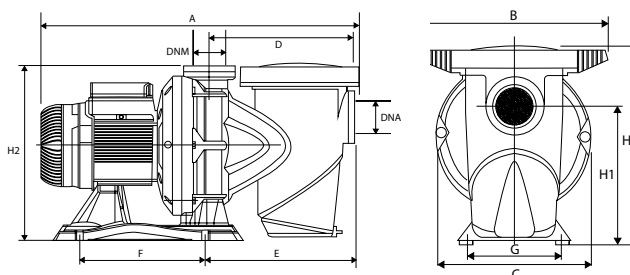
Versatile

- Compact and suitable for different pool types
- Ideal for the replacement of old pool pumps
- DAB connectivity ready



Certikin Euroswim Pump (Powered by DAB)

																Price
C	EUP051	0.5HP (0.25kW) Pump	1 Phase, 220 Volt, 2" suction & delivery													£457.00
C	EUP071	0.75HP (0.56kW) Pump	1 Phase, 220 Volt, 2" suction & delivery													£473.00
C	EUP101	1 HP (0.75kW) Pump	1 Phase, 220 Volt, 2" suction & delivery													£502.00
C	EUP151	1.5 HP (1.1kW) Pump	1 Phase, 220 Volt, 2" suction & delivery													£555.00
C	EUP201	2 HP (1.5kW) Pump	1 Phase, 220 Volt, 2" suction & delivery													£604.00
C	EUP301	3 HP (2.2kW) Pump	1 Phase, 220 Volt, 2" suction & delivery													£659.00
C	EUP073	0.75HP (0.56kW) Pump	3 Phase, 380 Volt, 2" suction & delivery													£482.00
C	EUP103	1 HP (0.75kW) Pump	3 Phase, 380 Volt, 2" suction & delivery													£510.00
C	EUP153	1.5 HP (1.1kW) Pump	3 Phase, 380 Volt, 2" suction & delivery													£572.00
C	EUP203	2 HP (1.5kW) Pump	3 Phase, 380 Volt, 2" suction & delivery													£657.00
C	EUP303	3 HP (2.2kW) Pump	3 Phase, 380 Volt, 2" suction & delivery													£685.00



Code	A	B	C	D	E	F	G	H	H1	H2	I	L	DNA	DNM
EUP051	542	300	245	257	265	220	150	317	222	314	11	6.5	G2"	G2"
EUP071	559	300	245	257	265	220	150	317	222	314	11	6.5	G2"	G2"
EUP101	559	300	245	257	265	220	150	317	222	314	11	6.5	G2"	G2"
EUP151	581	311	290	267	274	220	150	353	258	350	11	6.5	G2"	G2"
EUP201	655	311	290	267	274	220	150	353	258	350	11	6.5	G2"	G2"
EUP301	648	311	290	267	274	220	150	353	258	350	11	6.5	G2"	G2"
EUP073	559	300	245	267	265	220	150	317	222	314	11	6.5	G2"	G2"
EUP103	559	300	245	267	265	220	150	317	222	314	11	6.5	G2"	G2"
EUP153	581	311	290	267	274	220	150	353	258	350	11	6.5	G2"	G2"
EUP203	581	311	290	267	274	220	150	353	258	350	11	6.5	G2"	G2"
EUP303	648	311	290	267	274	220	150	353	258	350	11	6.5	G2"	G2"



Certikin E.Swim Pump (Powered by DAB)

E	EUP151E	1.5HP Variable speed 1 phase pump	Price
			£1215.00

Innovative Products from Certikin & Waterco

Waterco's innovative range of pool equipment not only maximises your time in the pool, but also delivers significant water and energy savings.

Commercial Multicyclone XL70

Reduce pool running costs with a Commercial MultiCyclone. It has 70 unique cyclones used to remove the debris from the water prior to it entering the filter. Reduces backwashing and helps save money for commercial facilities and increases the life span of the filter media. It comes with a 2 year warranty, 110mm/4" ports and easy access purge valve, 3.5 BAR rating and no moving parts or media to clean or replace.



Aquaspeed & Aquaspeed Variable speed Pumps

The Certikin Aquaspeed range of pumps has become an industry standard with its great reputation for reliability and performance. The most recent addition to the range is the Eco-V variable speed model with all the features and benefits of the single speed but with the added advantage of variable speed economy. It is equipped with the latest state of the art variable speed permanent magnet brushless motor that results in the ability to vary the motor speed depending on the installation requirements. Ideal for new installation and retro fit as the connections are exactly the same as the single speed Aquaspeed.



SLX Plus filters

The SLX Plus has been designed and built using the latest bobbin winding technology especially for the UK Commercial pool market. It comes in sizes from 1050mm to 2350mm diameter, has 3" sight glass and side manhole fitted as standard to every filter.

- 2.5 BAR standard (4 and 6 BAR models are available)
- 1m bed depth with internal underdrains
- 10 Year tank warranty



Vision filters

Durable and reliable filters, bobbin wound using the latest in fibreglass winding technology. The Patented 10" lid offers ease of maintenance and the hydraulically balanced laterals offer an efficient and easy to use filter with a 2.5bar pressure rating and 10 year warranty.



Supaskimmer

The SupaSkimmer is a large capacity skimmer box which is ideal for use in large domestic and commercial swimming pools. Its large capacity 5.9 litre skimmer basket is double the capacity of conventional skimmers and its 2 bottom suction ports minimise water flow restrictions.



WATERCO
water, the liquid of life
www.waterco.eu

For further information on these and other market leading products contact Certikin on 01993 778855
www.certikin.co.uk

Certikin Swimflo & Swimflow Plus Pumps

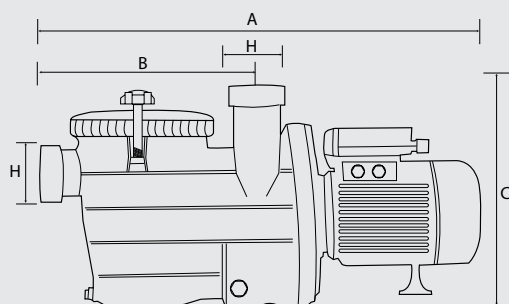
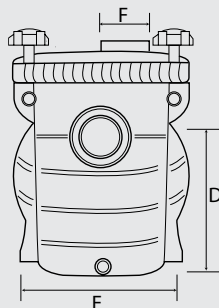
Features -

Swimflo & Swimflo Plus

- High Hydraulic efficiency
- Improved self priming
- Suitable for salt chlorinated pools
- One-piece body in durable resistant composite material

Features - Swimflo Plus

- Innovative design with patented strainer basket



Dimensions - Swimflo & Swimflo Plus Pumps (mm)

Type	A	B	C	D	E	F	H	Weight (kg)
HPS031M	474	219	236	147	137	58	1.5"	9.5
HPS051M	474	219	236	147	137	58	1.5"	9.5
HPS071M	474	219	236	147	137	58	1.5"	9.5
HPS101M	500	219	236	147	137	58	1.5"	9.5
HPS151M	500	219	236	147	137	58	1.5"	9.5
HGS05	569	280	282	173	179	71	50	13.8
HGS07	569	280	282	173	179	71	50	13.8
HGS10	569	280	282	173	179	71	50	13.8
HGS15	569	280	282	173	179	71	63	13.8
HGS20	569	280	282	173	179	71	63	15
HGS25	578	280	282	173	179	71	63	17.5
HGS30	578	280	282	173	179	71	63	17.5

Head m/hr	4	6	8	10	11	12	14	15	16	18
HPS031M	12.5	9.5	6.3	3	-	-	-	-	-	-
HPS051M	14	12	9	5	3	-	-	-	-	-
HPS071M	18	15	13	10	8	6	-	-	-	-
HPS101M	21	18.7	16.6	13.5	12	10.5	6	-	-	-
HPS151M	23	21	18.8	16	14.8	13	9.2	-	3	-
HGS051SM	17	15	11.5	8	4	-	-	-	-	-
HGS071SM	21	19	15	11	8.5	6	-	-	-	-
HGS073SM	21	19	15	11	8.5	6	-	-	-	-
HGS101SM	27	24	20	16.5	14	11	-	-	-	-
HGS103SM	27	24	20	16.5	14	11	-	-	-	-
HGS151SM	32	29	27	23.5	21.5	20	14.5	11	7	-
HGS153SM	32	29	27	23.5	21.5	20	14.5	11	7	-
HGS201SM	35	32	29	27	25	23	19	16	12	-
HGS203SM	35	32	29	27	25	23	19	16	12	-
HGS251SM	-	36	33	29.5	28	26	21	19	16	4.5
HGS301SM	-	39	36.5	33	31	30	25	22	19	8.7
HGS303SM	-	39	36.5	33	31	30	25	22	19	8.7



Certikin Swimflo Pumps

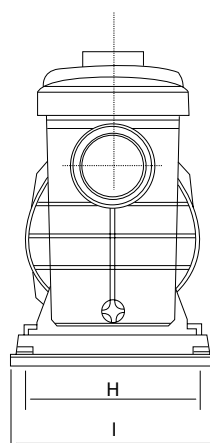
		Price
C HPS031M	0.3HP (0.24kW) Pump, 1 Phase, 220 Volt, 1.5" suction & delivery	£465.00
C HPS051M	0.5HP (0.37kW) Pump, 1 Phase, 220 Volt, 1.5" suction & delivery	£494.00
C HPS071M	0.75HP (0.55kW) Pump, 1 Phase, 220 Volt, 1.5" suction & delivery	£514.00
C HPS101M	1HP (0.74kW) Pump, 1 Phase, 220 Volt, 1.5" suction & delivery	£530.00
C HPS151M	1.5HP (1.1kW) Pump, 1 Phase, 220 Volt, 1.5" suction & delivery	£580.00



Certikin Swimflo Plus Pump

		Price
C HGS051SM	0.5HP (0.37kW) Pump, 1 Phase, 220 Volt, 1.5" suction & delivery	£520.00
C HGS071SM	0.75HP (0.55kW) Pump, 1 Phase, 220 Volt, 1.5" suction & delivery	£568.00
C HGS073SM	0.75HP (0.55kW) Pump, 3 Phase, 380 Volt, 1.5" suction & delivery	£568.00
C HGS101SM	1HP (0.74kW) Pump, 1 Phase, 220 Volt, 1.5" suction & delivery	£601.00
C HGS103SM	1HP (0.74kW) Pump, 3 Phase, 380 Volt, 1.5" suction & delivery	£601.00
C HGS151SM	1.5HP (1.1kW) Pump, 1 Phase, 220 Volt, 2" suction & delivery	£640.00
C HGS153SM	1.5HP (1.1kW) Pump, 3 Phase, 380 Volt, 2" suction & delivery	£640.00
C HGS201SM	2HP (1.5kW) Pump, 1 Phase, 220 Volt, 2" suction & delivery	£685.00
C HGS203SM	2HP (1.5kW) Pump, 3 Phase, 380 Volt, 2" suction & delivery	£685.00
C HGS251SM	2.5HP (1.84kW) Pump, 1 Phase, 220 Volt, 2" suction & delivery	£775.00
C HGS301SM	3HP (2.2kW) Pump, 1 Phase, 220 Volt, 2" suction & delivery	£854.00
C HGS303SM	3HP (2.2kW) Pump, 3 Phase, 380 Volt, 2" suction & delivery	£830.00

Certikin Mini Pumps



Features

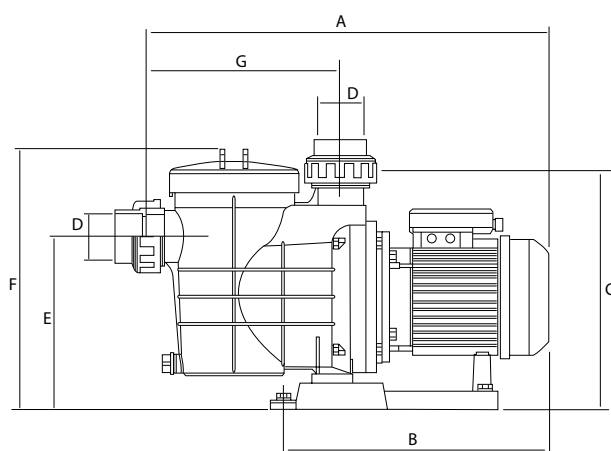
- Self priming
- Built-in pre-filter
- Polypropylene body
- Noryl impeller
- Transparent screw on lid
- Motor IP55 protection rated
- Stainless steel shaft
- Suitable for salt chlorinated pools

Certikin Mini Pumps

			Price
C	NEWMP025M	MINI Pump - 0.25HP II	£319.00
C	NEWMP033M	MINI Pump - 0.33HP II	£327.00
C	NEWMP050M	MINI Pump - 0.50HP II	£347.00
C	NEWMP075M-IF	MINI Pump - 0.75HP II	£378.00

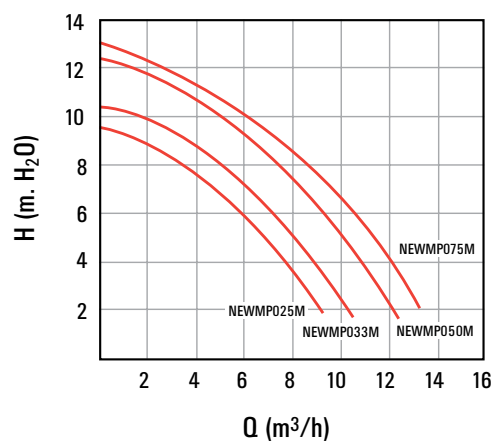
Certikin MINI Pump Specifications

	kW	HP	Intensity Relay Regulations	Kg	Volume m ³
NEWMP025M	0.20	1/4	2.3	7.9	0.033
NEWMP033M	0.25	1/3	2.5	8	0.033
NEWMP050M	0.37	1/2	3.5	8.75	0.033
NEWMP075M-IF	0.55	3/4	3.9	8.75	0.033



Dimensions for MINI Pump (mm)

	A	B	C	D	E	F	G	H	I
NEWMP025M	438	292	260	Ø50	180	274	208	168	199
NEWMP033M	438	292	260	Ø50	180	274	208	168	199
NEWMP050M	438	292	260	Ø50	180	274	208	168	199
NEWMP075M-IF	438	292	260	Ø50	180	274	208	168	199



Sta-Rite Pumps

50
Pumps



Features

- Self-priming diffuser design
- 'Hi-Rise' Mounting Base
- High Head Impeller: precision molded of glass filled polycarbonate, it provides unusually smooth water passages for outstanding performance and efficiency
- Heavy Duty Motor: 50 hz motors are designed for continuous and quiet operation, feature stainless steel shaft, sealed and permanently lubricated bearings: runs cooler for prolonged life under high ambient conditions
- Mechanical Seal: precision lapped and highly polished carbon ceramic stainless steel construction, it assures maximum drip proof corrosion free protection
- Stainless Steel Pump Clamp: easily removed for quick access to all serviceable components
- 'See Thru' trap lid: designed to withstand 4 bar test pressure as well as high vacuum conditions
- Big lock-in 5" basket

Sta-Rite pumps are not suitable for salt chlorinated pools. Please contact Pools Division for further information on 01993 778855.

Sta-Rite Pumps - Single Phase

(5P2R = 0.5-1.5HP / 5P6R = 2HP)

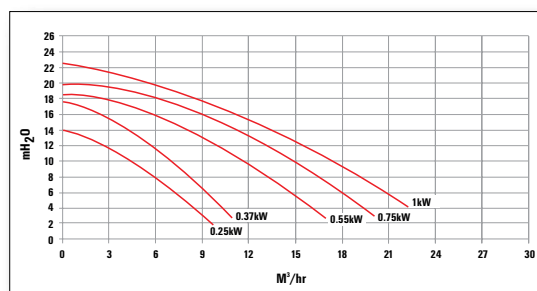
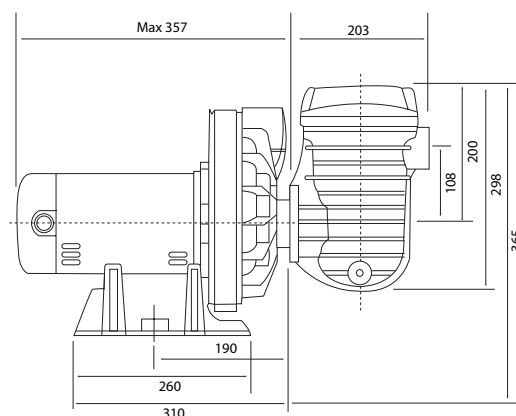
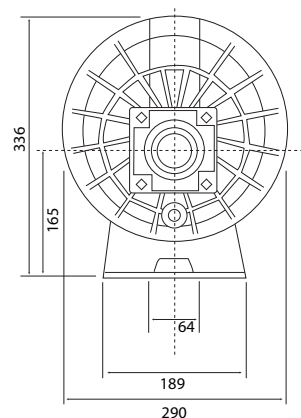
			Price
J	SR050	0.5HP (0.37kW) Sta-Rite - 1.5" suction & delivery	£700.00
J	SR075	0.75HP (0.56kW) Sta-Rite - 1.5" suction & delivery	£731.00
J	SR100	1 HP (0.75kW) Sta-Rite - 1.5" suction & delivery	£784.00
J	SR150	1.5HP (1.1kW) Sta-Rite - 1.5" suction & delivery	£871.00
J	SR200	2 HP (1.5kW) Sta-Rite - 2" suction & delivery	£1142.00

Sta-Rite Pumps - Three Phase

(5P2R = 0.5-1.5HP / 5P6R = 2 & 3HP)

			Price
J	SR0503	0.5HP (0.37kW) Sta-Rite - 1.5" suction & delivery	£699.00
J	SR0753	0.75HP (0.56kW) Sta-Rite - 1.5" suction & delivery	£724.00
J	SR1003	1 HP (0.75kW) Sta-Rite - 1.5" suction & delivery	£750.00
J	SR1503	1.5HP (1.1kW) Sta-Rite - 1.5" suction & delivery	£845.00
J	SR2003	2 HP (1.5kW) Sta-Rite - 2" suction & delivery	£1047.00
J	SR3003	3 HP (2.25kW) Sta-Rite - 2" suction & delivery	£1170.00

Sta-rite 5P2R series pumps are precision molded from reinforced fiberglass which is temperature and corrosion-resistant. This lightweight exceptionally strong thermoplastic is designed for much higher pressure operation and the special motor shaft and all inner parts are made from high grade stainless steel or thermoplastic material.



See page 145-155 for all your pipes & fittings

Certikin Commercial Pumps - BP Range - 1500rpm - 3Ø



Commercial Pumps - BP Range

Designed with efficiency in mind, these unique centrifugal pumps offer quality, performance and reliability. All models in this range have been designed and developed primarily for the swimming pool industry.

Features

- Designed to circulate large quantities of low pressure water
- High quality corrosion resistant components
- Cast iron body
- Cast iron impeller
- IP55 protection rated
- Integral strainer box
- Self priming
- Stainless steel strainer basket and shaft
- Mechanically sealed shaft
- 1500rpm motors
- Bronze impeller available on request
- IE3 Rated Motor

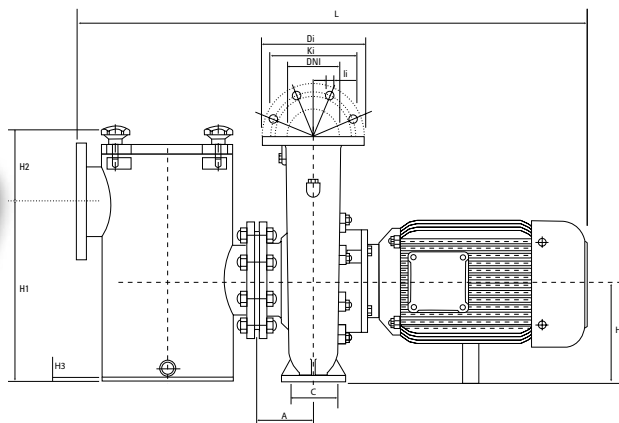
1500rpm Commercial 3Ø Pumps

			Price
E	BPH123	10HP (7.5kW) - 400/690V	£5585.00
E	BPH124	12.5HP (9.4kW) - 400/690V	£5200.00
E	BPH125	12.5HP (9.4kW) - 400/690V	£5200.00
E	BPH126	5HP (11.0kW) - 400/690V	£5825.00
E	BPH127	4.0HP (3.0kW) - 230/400V	£2965.00
E	BPH128	5.5HP (4.1kW) - 400/690V	£2995.00
E	BPH129	7.5HP (5.6kW) - 400/690V	£3710.00
E	BPH130	10HP (7.5kW) - 400/690V	£4050.00
E	BPH131	12.5HP (9.4kW) - 400/690V	£5220.00
E	BPH132	15HP (11.0kW) - 400/690V	£5670.00

Head (m) Flow rate (m ³ /hr)	6	8	10	12	14	16	18	20	21
BPH123	227.7	200.1	165.0	111.5	9.1	-	-	-	-
BPH124	227.9	201.2	165.4	117.1	18.8	-	-	-	-
BPH125	241.6	216.1	182.9	139.8	80.1	-	-	-	-
BPH126	-	-	239.6	211.3	179.6	111.7	0.1	-	-
BPH127	83.9	75.4	61.7	48.6	33.9	12.7	-	-	-
BPH128	97.4	86.9	77.9	66.8	55.3	37.1	18.6	-	-
BPH129	121.6	106.6	96.1	81.4	65.1	36.4	4.8	-	-
BPH130	130.1	123.9	115.2	106.4	93.9	79.5	55.0	15.5	-
BPH131	-	-	148.1	132.8	120.6	101.8	79.7	2.5	-
BPH132	-	-	169.0	156.4	144.7	129.3	111.1	78.8	26.9



Please contact the Commercial
Department for quote.

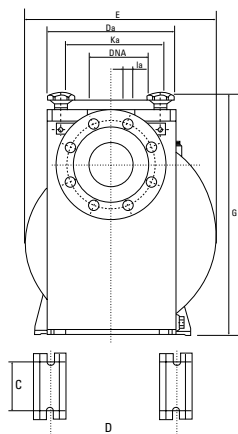


1500rpm Certikin Commercial Pump Specifications - 4HP - 15HP

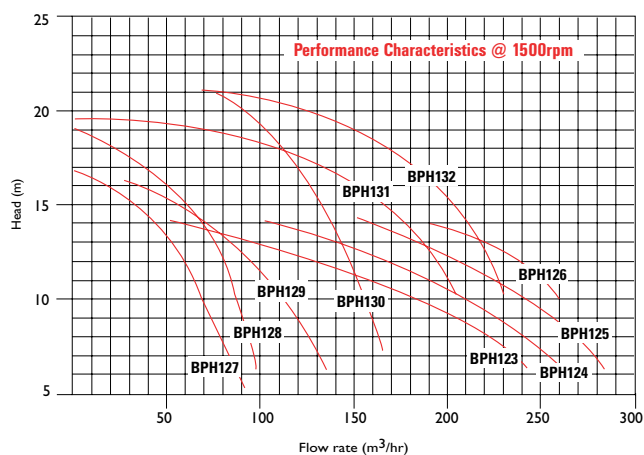
Code	Di	Ki	Li	A	C	H	H1	H2	H3	L	DNI	Weight Kg
BPH123	250	160	19	140	120	250	441	163	10	801	125	220.9
BPH124	250	160	19	140	120	250	441	163	10	801	125	219.4
BPH125	250	180	19	140	120	250	441	163	10	801	125	228.1
BPH126	250	180	19	140	120	250	441	163	10	921	125	261.1
BPH127	200	210	19	125	120	200	200	280	80	641	80	103.7
BPH128	200	210	19	125	120	200	200	280	80	641	80	111.2
BPH129	220	210	19	140	120	225	225	280	93	801	100	143.4
BPH130	220	210	19	140	120	225	225	280	93	801	100	153.9
BPH131	220	180	19	140	120	225	416	88	-15	801	100	213.4
BPH132	220	180	19	140	120	225	416	88	-15	921	100	243.8

Specifications - 4HP - 15HP

Code	Da	Ka	la	C	D	E	G	DNA
BPH123	285	240	23	120	315	485	605	150
BPH124	285	240	23	120	315	485	605	150
BPH125	285	240	23	120	315	485	605	150
BPH126	285	240	23	120	315	485	605	150
BPH127	220	180	19	120	315	405	480	100
BPH128	220	180	19	120	315	405	480	100
BPH129	250	210	19	120	315	430	505	125
BPH130	250	210	19	120	315	430	505	125
BPH131	285	240	23	120	315	430	505	150
BPH132	285	240	23	120	315	430	505	150



1500rpm Commercial Pump Curves



Certikin Commercial Pumps - BP Range - 3000rpm

Commercial Pumps - BP Range

Designed with efficiency in mind, these unique centrifugal pumps offer quality, performance and reliability.

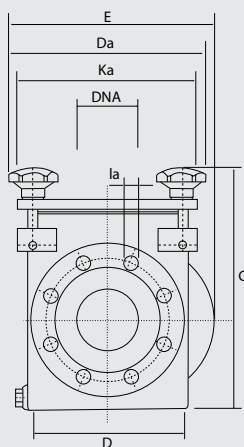
All models in this range have been designed and developed primarily for the swimming pool industry.

Features

- Designed to circulate large quantities of low pressure water
- High quality corrosion resistant components
- Cast iron body
- Brass impeller BP303
Bronze impeller BP403 - BP1253
- IP55 protection rated
- Integral strainer box
- Self priming
- Stainless steel strainer basket and shaft
- Mechanically sealed shaft
- 3000rpm motors
- IE3 Rated Motor

Head (m) Flow rate (m ³ /hr)	6	8	10	12	14	16	18	20	22	23
BP303	46.7	41.8	38.2	32.7	24.6	6.9	-	-	-	-
BP403	114.8	99.1	76.5	64.4	47.2	18.6	-	-	-	-
BP553	145.6	120.1	113.7	82.3	70.0	42.4	-	-	-	-
BP753	159.3	155.7	145.1	110.9	88.7	60.2	13.6	-	-	-
BP1003	179.0	166.4	158.6	137.0	116.3	98.8	79.0	49.8	-	-
BP1253	158.6	150.3	142.8	133.0	114.4	106.6	81.8	59.4	36.1	10.4

Code	Da	Ka	La	Di	Ki	li
BP303	200	160	18	152	125	14
BP403	220	180	18	220	180	19
BP553	250	210	18	220	180	19
BP753	250	210	18	220	180	19
BP1003	250	210	18	220	180	19
BP1253	250	210	18	220	180	19



Please contact the
Commercial Department
for quote.

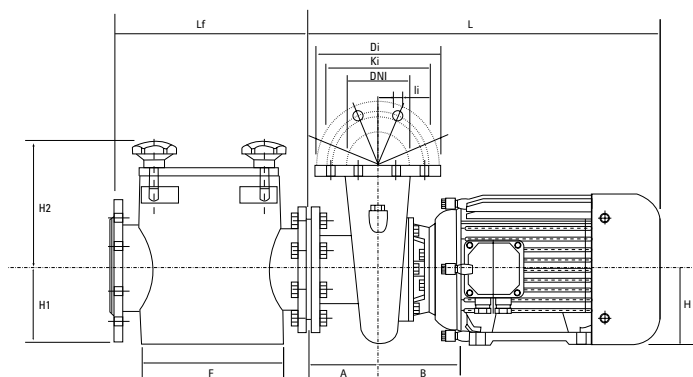


3000rpm 3Ø Commercial Pumps

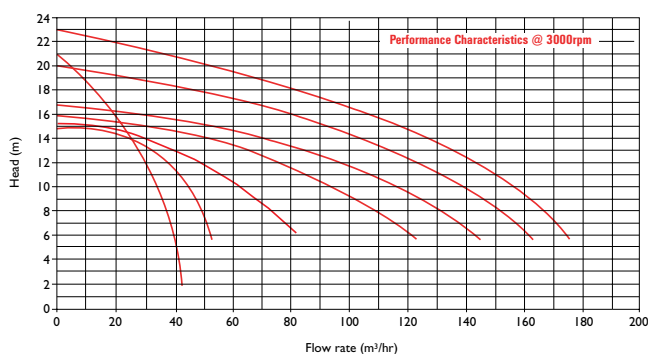
				Price
E BP303	3HP (2.2kW), 3Ø pump, (FD-15) - 230/400V			£1925.00
E BP403	4.0HP (3.0kW), 3Ø pump, (FD-17) - 230/400V			£2250.00
E BP553	5.5HP (4.1kW), 3Ø pump, (FD-19) - 230/400V			£2580.00
E BP753	7.5HP (5.6kW), 3Ø pump, (FD-20) - 400/690V			£2790.00
E BP1003	10HP (7.5kW), 3Ø pump, (FD-21) - 400/690V			£3330.00
E BP1253	12.5HP (9.4kW), 3Ø pump (FD-22) - 400/690V			£3520.00

3000rpm Certikin Commercial Pump Specifications - 3HP - 12.5HP

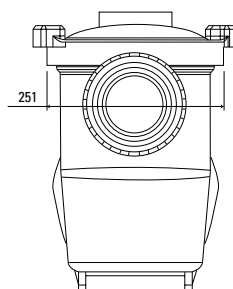
Code	A	B	D	E	F	G	H	L	DNA	DNI	Weight Kg
BP303	82	172	140	271	210	319	132	491	80	55	55
BP403	120	196	190	288	210	320	132	584	100	100	68.9
BP553	120	196	190	275	250	347	132	606	125	100	90.7
BP753	120	292	216	312	250	360	132	724	125	100	99
BP1003	120	292	216	312	250	360	132	724	125	100	104.5
BP1253	120	292	216	312	250	360	132	724	125	100	113.5



3000rpm Commercial Pump Curves



Hydrostar Commercial Pumps



Features

- Light weight design
- Composite plastic construction
- IP55 Protection ratings
- 380 / 415V - 50Hz
- Complete with 3" and 90mm socket unions

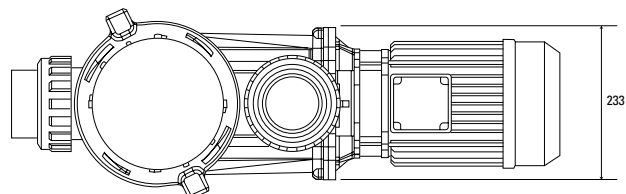
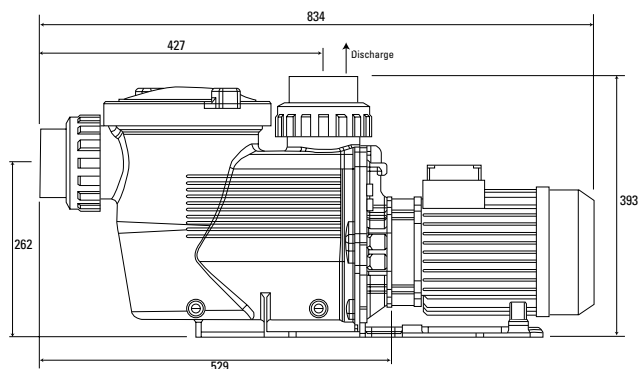
Maximum Water temperature 50°C

Certikin Hydrostar Commercial Pumps

			Price
D	WHSR043	4.0HP (3.0KW), 5.8 Amps, 3Ø commercial plastic pump	£1370.00
D	WHSR053	5.0HP (3.20KW), 6.0 Amps, 3Ø commercial plastic pump	£1605.00
D	WHSR063	6.0HP (4.50KW), 7.2 Amps, 3Ø commercial plastic pump	£1740.00
D	WHSR073	7.0HP (5.32KW), 9.10 Amps, 3Ø commercial plastic pump	£1835.00

Specifications for Certikin Hydrostar Pumps

Metric Head - flow m3/h	5	8	10	12	14	16	18	20	21
WHSR043	58	53	48	44	35	30	21	10	-
WHSR053	65	59	54	50	43	36	28	16	-
WHSR063	74	70	65	61	50	44	36	24	19
WHSR073	76	74	70	65	55	48	40	30	22



Please contact the
Commercial Department
for quote.

Certikin Hurricane Commercial Pumps

Certikin's 'Hurricane' pump range offers all the power and performance of a traditional cast iron centrifugal pump with the added versatility of a chemically resistant, lightweight modern plastic design.

Capable of pumping large volumes of water at high pressure, Hurricane pumps are supplied with 3-phase motors starting at 2.9 kW (4.0HP) through to 9.2 kW (12.5HP), achieving flows in excess of 150m³/hr

- Flooded suction.
- Suitable for salt water applications.
- Available with or without pre-filters.
- Quick fit union connections.
- Plastic composite body.
- 316 stainless steel shaft.
- Plastic impeller on 4.0HP and 5.5HP models.
- Bronze impeller on 7.5HP, 10HP and 12.5HP models.
- 316 stainless steel strainer basket Pre-filter models).
- IP55 protection rated.
- Max. water temperature 40°C.
- Alternative voltages available on request.

Metres Head Flow m ³ /h	6	8	10	12	14	16	18	20	22
CP400S	96	84	72	58	36	-	-	-	-
CP550S	116	96	84	68	46	-	-	-	-
CP750S	-	126	114	100	88	68	44	-	-
CP1000S	-	140	130	118	105	92	72	48	-
CP1250S	-	157	148	136	122	104	84	64	30

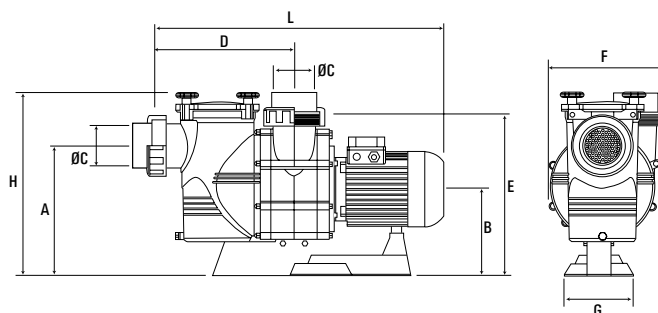


Please contact the
Commercial Department
for quote.

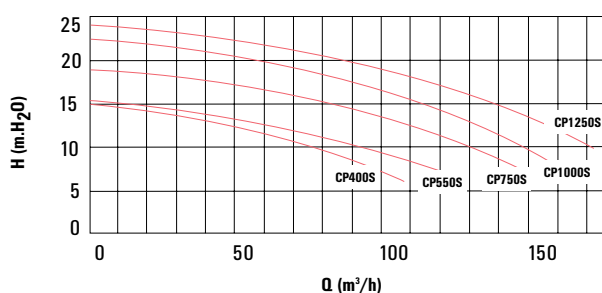


Certikin Hurricane Commercial Pumps - With Prefilter

			Price
D CP400S	4.0HP (2.9kW) - 3Ø, 6.9 Amps, 90mm connections - 230/400V		£1546.00
D CP550S	5.50HP (4.0kW) - 3Ø, 9.4 Amps, 110mm connections - 230/400V		£1828.00
D CP750S	7.5HP (5.5kW) - 3Ø, 12.1 Amps, 110mm connections - 380/660V		£2310.00
D CP1000S	10HP (7.4kW) - 3Ø, 16.0 Amps, 110mm connections - 380/660V		£2972.00
D CP1250S	12.5HP (9.2kW) - 3Ø, 21.2 Amps, 110mm connections - 380/660V		£3160.00



Dimensions	A	B	ØC	D	F	G	H	L	Weight
CP400S	375	255	90	405	330	200	535	820	43kg
CP550S	375	255	110	405	330	200	535	840	52kg
CP750S	375	255	110	405	330	200	535	840	55kg
CP1000S	375	255	110	405	330	200	535	910	66kg
CP1250S	375	255	110	405	330	200	535	955	72kg



Certikin Hurricane Commercial Pumps



Certikin Hurricane Commercial Pumps - Without Prefilter

			Price
D CP400B	4.0HP (2.9kW) - 3Ø, 6.9 Amps, 90mm connections - 230/400V		£1260.00
D CP550B	5.50HP (4.0kW) - 3Ø, 9.4 Amps, 110mm connections - 230/400V		£1558.00
D CP750B	7.5HP (5.5kW) - 3Ø, 12.1 Amps, 110mm connections - 400/690V		£2200.00
D CP1000B	10HP (7.4kW) - 3Ø, 16.0 Amps, 110mm connections - 400/690V		£2880.00
D CP1250B	12.5HP (9.2kW) - 3Ø, 21.2 Amps, 110mm connections - 400/690V		£3110.00

Metres Head Flow m ³ /h	6	8	10	12	14	16	18	20	22
CP400B	102	90	74	62	38	-	-	-	-
CP550B	120	104	88	70	48	-	-	-	-
CP750B	-	132	120	104	90	72	50	-	-
CP1000B	-	148	136	122	110	98	80	52	-
CP1250B	-	168	154	142	126	112	90	66	32

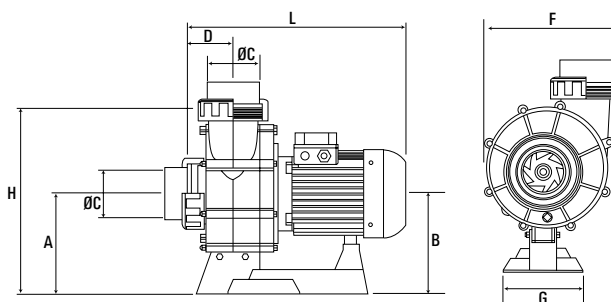
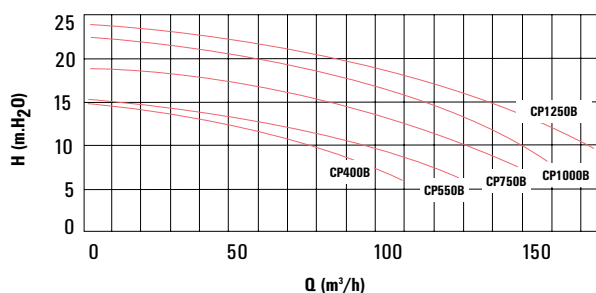


Please contact the
Commercial Department
for quote.

Certikin's 'Hurricane' pump range offers all the power and performance of a traditional cast iron centrifugal pump with the added versatility of a chemically resistant, lightweight modern plastic design.

Capable of pumping large volumes of water at high pressure, Hurricane pumps are supplied with 3-phase motors starting at 2.9 kW (4.0HP) through to 9.2 kW (12.5HP), achieving flows in excess of 150m³/hr

- Flooded suction.
- Suitable for salt water applications.
- Available with or without pre-filters.
- Quick fit union connections.
- Plastic composite body.
- 316 stainless steel shaft.
- Plastic impeller on 4.0HP and 5.5HP models.
- Bronze impeller on 7.5HP, 10HP and 12.5HP models.
- 316 stainless steel strainer basket (Pre-filter models).
- IP55 protection rated.
- Max. water temperature 40°C.
- Alternative voltages available on request.



Dimensions	A	B	C	D	F	G	H	L	Weight
CP400B	255	255	90	115	330	200	470	510	37kg
CP550B	255	255	110	115	330	200	470	530	46kg
CP750B	255	255	110	115	330	200	470	530	49kg
CP1000B	255	255	110	115	330	200	470	600	60kg
CP1250B	255	255	110	115	330	200	470	645	66kg

Certikin Giant Commercial Pumps

56
Pumps

Giant Centrifugal Pump

Giant is a centrifugal swimming pool pump, designed to offer high performances in water filtration and depuration of public swimming pools.

This pump is fitted with a high capacity pre-filter with easy handles stainless steel basket.

On demand manufactured with special mechanical seal for use with sea water.

Pump Body: Polypropylene 30% fibreglass
Filter Basket: Stainless steel AISI 304
Shaft: Stainless steel AISI 304
Mechanical Seal: Carbon + Resin - Ceramics
Impellor: Polypropylene 30% fibreglass
Motor: IE3 Rated
Waterproof: IP55

Giant Commercial Pumps - 2850rpm

			Price
K	BPG403	4.0HP (3.0kW) - 3Ø Commercial Giant Pump - 230/400V	£2340.00
K	BPG553	5.50HP (4.1kW) - 3Ø Commercial Giant Pump - 230/400V	£2545.00
K	BPG753	7.5HP (5.6kW) - 3Ø Commercial Giant Pump - 400/690V	£2755.00
K	BPG1003	10HP (7.5kW) - 3Ø Commercial Giant Pump - 400/690V	£3070.00
K	BPG1253	12.5HP (9.4kW) - 3Ø Commercial Giant Pump - 400/690V	£3465.00

Head (m)/Flow Rate (m ³ /h)	6	8	10	12	14	16	18	20	22	23
BPG403	113.3	102.6	89.9	76.9	62.1	42.8	19.5	-	-	-
BPG553	148.6	125.8	107.1	82.6	65.4	23.8	-	-	-	-
BPG753	156.4	145.0	126.3	114.0	99.5	79.0	58.4	36.4	-	-
BPG1003	186.4	177.1	166.9	148.3	129.6	110.9	86.8	53.2	-	-
BPG1253	158.6	150.3	142.8	133.0	114.4	106.6	81.8	59.4	36.1	10.4

Code	III 230V	III 400V	III 700V	DNA	DNI	KG
BPG403	11.1	6.4	6.4	100	100	28.9
BPG553	14.2	8.2	8.2	125	100	50.7
BPG753	18.0	10.4	10.4	125	100	59
BPG1003	22.1	12.8	12.8	125	100	64.5
BPG1253	26.1	15.1	15.1	125	100	73.5

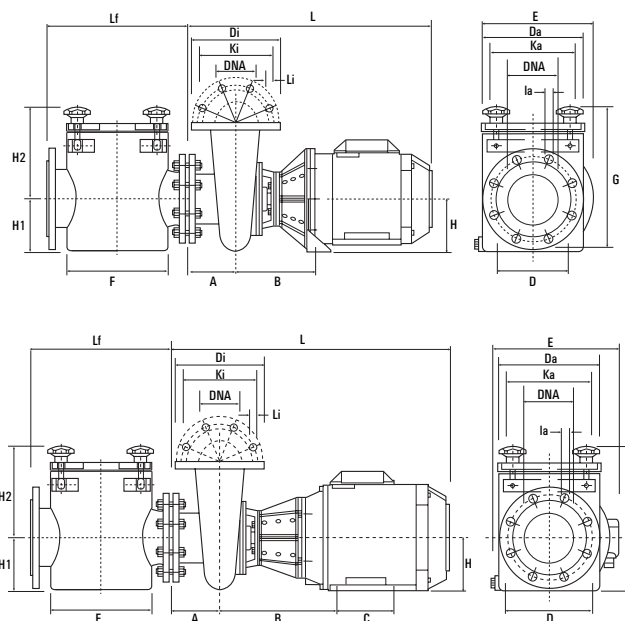
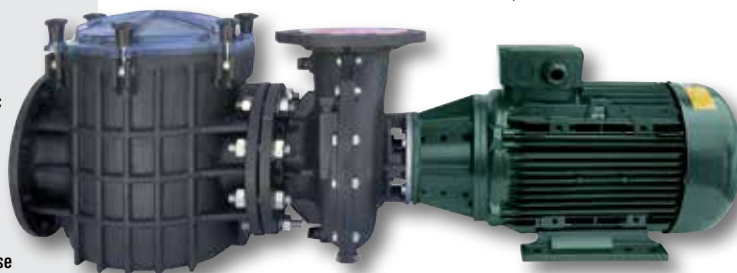


BPG403 and BPG553



Please contact the
Commercial Department
for quote.

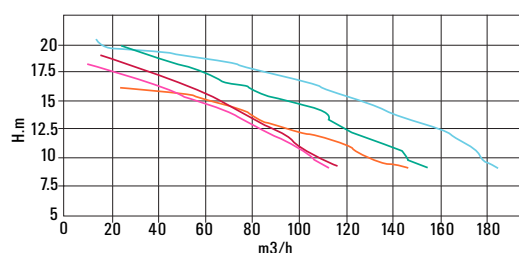
BGP753, BGP1003 & BGP1253



Certikin Giant Commercial Pumps - Dimensions

Code	Da	Ka	la	Di	Ki	Li	No Tal	A	B
BPG403	220	180	18	220	180	19	8	120	196
BPG553	250	210	18	220	180	19	8	120	196
BPG753	250	210	18	220	180	19	8	120	292
BPG1003	250	210	18	220	180	19	8	120	292
BPG1253	250	210	18	220	180	19	8	120	292

Code	C	D	E	F	G	H	L	Lf
BPG403	-	190	275	250	347	132	584	347
BPG553	-	190	275	250	347	132	606	347
BPG753	140	216	312	250	360	132	724	347
BPG1003	140	216	312	250	360	132	724	347
BPG1253	140	216	312	250	360	132	724	347



Certikin Great Giant Commercial Pumps



Great Giant Centrifugal Pump

The Great Giant is a centrifugal swimming pool pump, designed to offer high performances in water filtration and depuration of public swimming pools.

This pump is fitted with a high capacity pre-filter with easy handles stainless steel basket.

On demand manufactured with special mechanical seal for use with sea water + bronze impeller.

Pump Body: Polypropylene 30% fibreglass
 Filter Basket: Stainless steel AISI 304
 Shaft: Stainless steel AISI 304
 Mechanical
 Seal: Carbon + Resin - Ceramics
 Impeller: Bronze
 Motor: IE3 Rated 1450rpm
 Waterproof: IP55



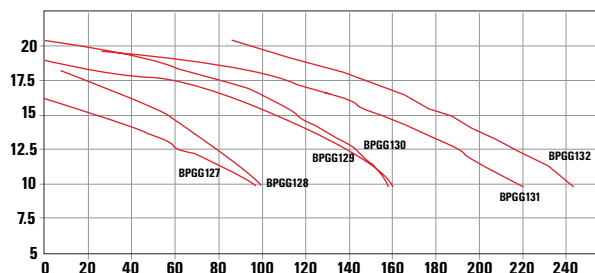
Please contact the Commercial Department for quote.

Great Giant Commercial Pumps - 1450rpm

			Price
K	BPGG127	4.0HP (3.0kW) - 3Ø Commercial Great Giant Pump - 230/400V	£3615.00
K	BPGG128	5.0HP (3.75kW) - 3Ø Commercial Great Giant Pump - 230/400V	£3800.00
K	BPGG129	7.5HP (5.50kW) - 3Ø Commercial Great Giant Pump - 400/690V	£4210.00
K	BPGG130	10HP (7.50kW) - 3Ø Commercial Great Giant Pump - 400/690V	£4420.00
K	BPGG131	12.5HP (9.40kW) - 3Ø Commercial Great Giant Pump - 400/690V	£4890.00
K	BPGG132	15.0HP (11.0kW) - 3Ø Commercial Great Giant Pump - 400/690V	£5300.00

Head (m)/Flow Rate (m ³ /h)	6	8	10	12	14	16	18	20	21
BPGG127	98.8	81.2	61.1	39.6	14.9	-	-	-	-
BPGG128	99.9	89.1	78.3	64.5	50.4	29.8	7.8	-	-
BPGG129	160.8	152.7	136.6	119.8	98.0	73.5	20.9	-	-
BPGG130	158.4	152.3	141.5	126.8	112.3	93.3	64.1	29.6	-
BPGG131	220.8	204.6	189.2	169.0	147.2	123.7	88.1	26.7	-
BPGG132	243.0	231.9	213.8	197.2	177.1	159.1	133.5	100.4	86.5

Code	III 230V	III 400V	III 700V	Suction	Deliver	Weight
BPGG127	10.2	6.2	6.2	140mm	110mm	57
BPGG128	13.0	7.9	7.9	140mm	110mm	65.5
BPGG129	20.7	11.9	11.9	140mm	110mm	81.6
BPGG130	24.1	13.9	13.9	140mm	110mm	92.1
BPGG131	29.2	16.8	16.8	140mm	110mm	151.6
BPGG132	35.7	20.5	20.5	140mm	110mm	182.0



Commercial Pumps DAB & Calpeda

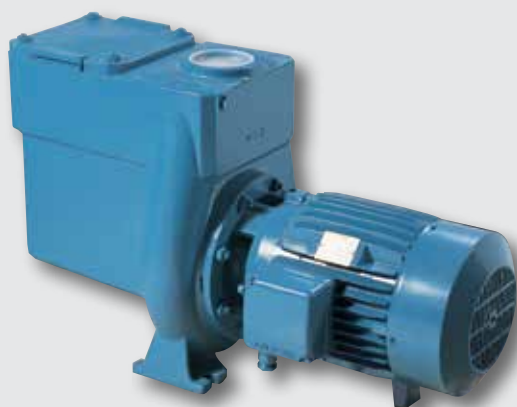


DAB Pump Features

- Self priming
- Cast iron body and impeller. Bronze impeller and Cataphoresis coating available.
- 304 St/St pump shaft
- Viton mechanical seal
- IP55 rated
- 2900rpm. 1450rpm available upon request
- 316 St/St filter basket



Please contact the
Commercial Department
for quote.



Calpeda Pump Features

- Self priming
- Cast iron body and impeller
- St/St shaft
- Integral strainer
- Insulation class F
- IP54 protection rated (IP55 available)
- 50Hz motors (60Hz available)
- Total suction lift up to 7 metres



Please contact the
Commercial Department
for quote.

DAB Commercial Pumps - 2900rpm

Price

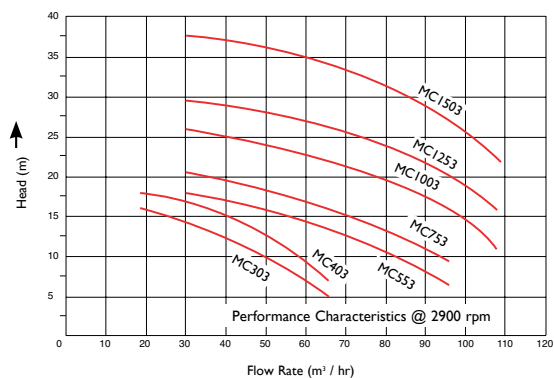
K	DAB303	3HP (2.2kW) 2 Pump - 2.5" suction 1.5" discharge	£1940.00
K	DAB403	4HP (3.0kW) 2 Pump - 2.5" suction 2" discharge	£2175.00
K	DAB553	5.5HP (4.1kW) 2 Pump - 3" suction 2.5" discharge	£2930.00
K	DAB753	7.5HP (5.5kW) 2 Pump - 3" suction 2.5" discharge	£3152.00
K	DAB1003	10HP (7.5kW) 2 Pump - 3" suction 2.5" discharge	£3345.00
K	DAB1503	15HP (11kW) 2 Pump - 4" suction 3" discharge	£4185.00

Code	HP	Voltage	Amps (400V)	Metres Head							Weight
				8	10	12	14	16	18	20	
DAB303	3.0	230/400	8.5/4.9	60	54	49	42	33	21	-	109kg
DAB403	4.0	400	6.4	84	76	69	55	30	-	-	117kg
DAB553	5.5	400	8.5	114	103	83	55	-	-	-	143kg
DAB753	7.5	400	10.6	-	130	118	94	80	46	-	152kg
DAB1003	10.0	400	14.1	-	160	150	139	127	113	94	157kg
DAB1503	15.0	400	20.4	-	220	206	187	166	144	119	243kg

Calpeda - NMP Range

Price

K	MC303	3HP (2.2kW) Calpeda 2.5" suction & delivery	£1927.00
K	MC403	4HP (3kW) Calpeda 2.5" suction & delivery	£2160.00
K	MC553	5.5HP (4.1kW) Calpeda 3" suction & delivery	£2985.00
K	MC753	7.5HP (5.6kW) Calpeda 3" suction & delivery	£3465.00
K	MC1003	10HP (7.5kW) Calpeda 3" suction & delivery	£3700.00
K	MC1253	12.5HP (9.2kW) Calpeda 3" suction & delivery	£4730.00
K	MC1503	15.0HP (11.0kW) Calpeda 3" suction & delivery	£5160.00



Inverters / Variable Speed Drives



Features

- IP66 rated
- Can be linked to BMS
- Keypad controls
- Up to 50°C operating conditions
- Easy to install and programme
- Payback potentially less than 6 months

Inverters - Variable Speed Drives

			Price
H	CVSD01	Variable speed drive for pumps up to 3HP 3Ø	£583.00
H	CVSD02	Variable speed drive for pumps up to 5.5HP 3Ø	£630.00
H	CVSD03	Variable speed drive for pumps up to 7.5HP 3Ø	£989.00
H	CVSD04	Variable speed drive for pumps up to 10.0HP 3Ø	£1119.00

Example Of Cost Saving.

Pump Size	5.5HP (4.1kW) 3 phase pump.
Operating time:	24 hours / 7 days a week / 52 weeks per year
Cost Of Unit:	£605.00
Cost Of Installation	£350.00
Total Cost	£955.00

Based on electric at 11p per kWh the cost saving running the unit at 80% of the speed for 95% of time and 100% of speed for 5% (backwash). Cost saving is £98.00 per month and 10 months payback on installation.

NEW



Features

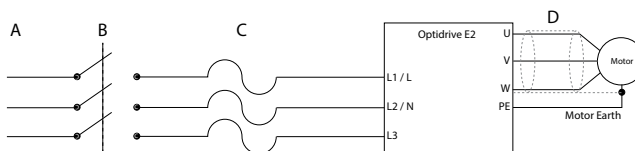
- Up to 60% savings on energy
- User friendly
- Simple & Easy to use
- Filtration can improve
- Easy to install

Clever Pool Pump Inverter

		Price
Q	DVSD02	Certikin Clever Pool Pump Inverter 1Ø Pumps - Up To 2HP
		£355.00



Simple Installation: Units installed between MCB's and motors.



Power Connections

- A - Incoming power supply
- B - Isolator / Disconnect
- C - MCBs or Fuses
- D - Shielded Motor Cable

Suitable for various pump models including: BP Range, BHP Range, Calpeda, Modern, Hurricane, Giant, Great Giant, Hydrostar, Columbia, Victoria, Aral, Maxim, Shark, Speck, Hayward, Waterco, Starite and DAB.

Understanding pump affinity laws will allow you to explain, demonstrate and calculate how a change in motor speed impacts;

- flow rates against resistance,
- power consumption and
- operating costs

- 1 The change in flow is proportionate (equal) to the change in speed
• If we halve the speed we halve the flow
2. The change in pressure is equal to the speed change factor squared
• Operating pressure will be 1/4 of the original pressure
3. The change in power consumption is equal to the speed change factor cubed
• Power consumption will be 1/8 the original consumption

As an example if we take a pump with the following characteristics:-

- Motor Speed: 2850 rpm
- Flow rate: 302 lpm
- Pressure: 8 metres head
- Power input: 983 Watts

We set the low speed at 1900 rpm – a reduction factor of
 $0.67 = 1900 \div 2850 = 0.67$

- Applying the factor 0.67 to all pump affinity laws we can determine the pumps operating characteristics at the new speed on 1900 rpm.

1. The change in flow is proportionate (equal) to the change in speed
• $302 \times 0.67 = 202$ lpm
2. The change in pressure is equal to the speed change factor squared
• $8 \times 0.67 \times 0.67 = 3.6$ metres head
3. The change in power consumption is equal to the speed change factor cubed
• $983 \times 0.67 \times 0.67 \times 0.67 = 295$ Watts

Therefore the pump has these new low speed operating characteristics

- Motor Speed: 1900 rpm
- Flow rate: 202 lpm
- Pressure: 3.6 metres head
- Power input: 295 Watts

Commercial Air Blowers / Submersible Pumps & Accessories



Please contact
the Commercial
Department for
quote.

Helpful Sizing Guide - for guidance only

- Small air pad
- Inground spa air injectors (spa up to 3m)

- Air lounger
- Double air lounger
- Large air pad
- Vitality spa (4 loungers)
- Volcano air pad
- Inground spa injector (over 3.6m)

0.4kW blower
1.1kW blower /
1.5kW blower
1.1kW blower
1.5kW blower
1.5kW blower
2.2kW blower
2.2kW blower
2.2kW blower



SUB-2



SUB-1

SUB-1 is a plastic submersible pump, working from a 0.5HP, 0.33kW motor. Working amperage is 3.5A. Use 1.25" floating hose (FLX125) with this submersible pump (SUB-1).



SUB-4

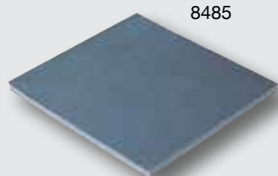
SUB-4 is a submersible drainage pump with integral float. The motor size 0.4kW 230/1/50. 9m max head. 1100 l/hr max flow. It can take particles up to 5mm. Max temp of water 40 deg C. With integral float switch. Low suction capability: 2-3mm (manual mode)



CTE1108



ML630



8485

Commercial Air Blowers

		Price
E	BVC041M 0.4kW - 1 PH Air Blower	£628.00
E	BVC043M 0.4kW - 3 PH Air Blower	£628.00
E	BVC151M 1.1kW - 1 PH Air Blower	£1172.00
E	BVC153M 1.1kW - 3 PH Air Blower	£1172.00
E	BVC155M 1.5kW - 1 PH Air Blower	£1300.00
E	BVC156M 1.5kW - 3 PH Air Blower	£1300.00
E	BVC223MVM 2.2kW - 3 PH Air Blower	£1955.00
E	BVC303MVM 3.0kW - 3 PH Air Blower	£2152.00
E	BVC403MVM 4.0kW - 3 PH Air Blower	£3392.00
E	BVC553MVM 5.5kW - 3 PH Air Blower	£3910.00

Standard Features

- All units are manufactured in die-cast aluminium alloy
- Standard motors are two pole, totally enclosed air cooled, and continuous duty rated
- IP54 protection rated
- Insulation class F
- Max temperature 40°C
- Special voltages available on request

All Air Blowers supplied by Certikin have only one moving part; a carefully balanced rotating impeller. There is no contact between the impeller and the housing thus eliminating abrasion and wear.

The unit is completely oil free and the suction and discharge ports have built in silencers that reduce noise levels to a minimum.

Submersible Pump

		Price
D	SUB-2 Stainless Steel 1.25" outlet stainless steel pump with float switch	£350.00

SUB-2 Flow Rates

Head M	7	6.5	6	5.5	5	4.5	3.7	2.9	2.4	1.3
m ³ /h	0	1	2	3	4	5	6	7	7.5	9

Submersible Pump

		Price
E	SUB-1 25" outlet submersible pumps with float switch	£176.00

SUB-1 Flow Rates

Head M	6	4.2	2
m ³ /h	1.2	4.8	7.2

Submersible Pump

		Price
E	SUB-4 DAB submersible pump	£204.00

SUB-4 Flow Rates

Head M	9	8.8	8.5	8.1	7.8	7	6.7	6	5.7	4.2	3.2
m ³ /h	0	1	2	3	4.5	5	6	7	7.5	9	10

Submersible Pump

		Price
E	CTE1108 Coverstar submersible pump	£318.00

Pump Accessories

		Price
D	8485 Anti vibration pad (to fit all pumps up to 2HP)	£20.60
D	ML630 5oz Magic lube	£12.45