



ALBA
INTERNATIONAL (PVT) LTD.

Your Trustworthy Partner
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PUMPS

E-Power Variable Speed Pump

For large residential pools and water features

SAVES UP TO 85% ON ENERGY CONSUMPTION

Our E-Power Variable speed pump is a variable speed pump with high efficiency, low energy consumption, and quiet operation in mind. This pump is programmed with four different speed settings, each setting can be customized by the owner to operate their pump at the ideal RPM. One advantage of lowering the RPM is allowing the owner to circulate their pool with minimal energy consumption during the off-season. Furthermore, lowering the RPM also reduces stress for the connected filter and sanitation system, resulting in a significant saving for the pool owner.

E-POWER

Model : EPV150

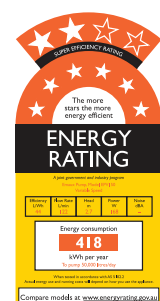


SAA

Energy Saving

Emaux E-Power Variable Speed Pump reduces the energy use of your pool, spa, and water features. Thanks to its higher efficiency, it eliminates over-usage and reduces equipment maintenance costs.

The energy saving is achieved by programming the pump to reach the ideal flow rate schedule. As the pump speed is reduced, the water flow drops. A 50% reduction in speed cuts the flow rate by half, but at the same time reduces the power consumption by up to 85%.



Product Features:

1. Permanent Magnet Motor (PMM)
2. Totally Enclosed Fan Cooled (TEFC)
3. 5L Strainer Basket
4. 316 Stainless Steel Shaft
5. 316 Stainless Steel Mechanical Seal
6. 2"/2.5" Union Connection
7. IPX5 Waterproof

User-Friendly Controller

Emaux E-Power Variable Speed Pump maximizes the efficiency of your pool filtration system with the aid of a one-touch controller. The presettable direct speed controller enables pool owners to manage their usage with the press of a single button to schedule their water treatment system with peace of mind.

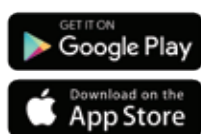


New Connectivity and External Smart Control

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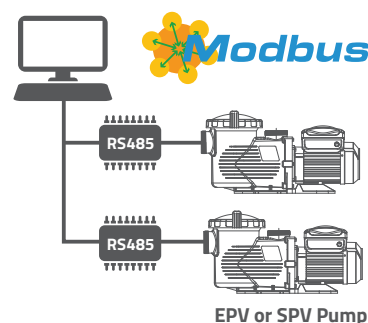
SMART LIFE

NEW



IoT Connection:

An IoT version can be controlled and monitored over an internet connection, enabling users to manage pool functions remotely. This connectivity allows for real-time adjustments, automated scheduling, and enhanced efficiency in maintaining optimal water quality.



EMAUX PUMP



Multi-device connection:

The multi-device connection version allows multiple phones and devices to connect locally, enabling control and monitoring without requiring internet access.



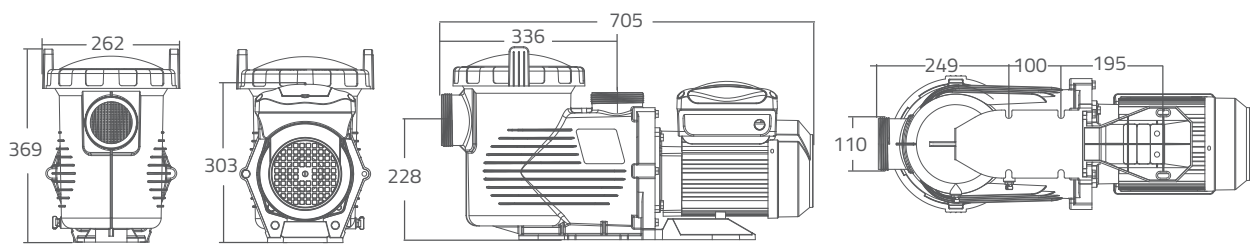
Code	Description
E021616	3C 22AWG 7.62M 4PIN RS485 Modbus Harness Cable

Super Quiet Operation

With the advanced hydraulic design, water moves much more efficiently, and the operation is whisper quiet with the E-Power Variable Speed Pump operating at lower speeds. Permanent Magnet Motor technology eliminates excessive motor noise. E-Power Variable Speed Pump satisfies the most discerning user.



Product Dimensions (unit: mm)



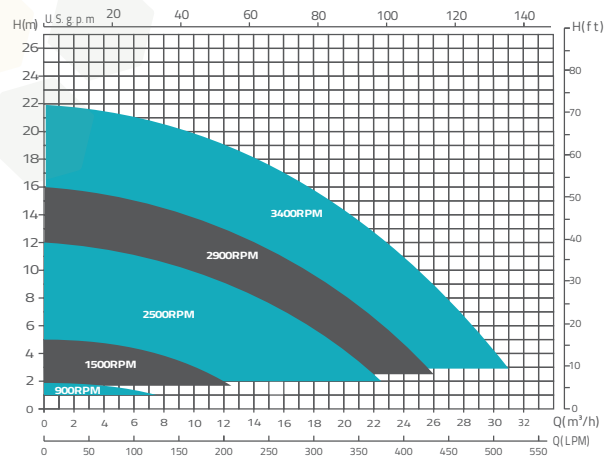
Code (220V-240V 50/60Hz)	Model	Connection Size	Max. Input Power (kW)	Horsepower (hp)	Weight (kg)
9021605	EPV150-RS485	2.0" / 63mm, 2.5" / 75mm	1.50	1.50	23
9021606	EPV200-RS485	2.0" / 63mm, 2.5" / 75mm	1.80	2.00	24
9021607	EPV300-RS485	2.0" / 63mm, 2.5" / 75mm	2.20	3.00	25
9021611	EPV150-WIFI+RS485	2.0" / 63mm, 2.5" / 75mm	1.50	1.50	23
9021612	EPV200-WIFI+RS485	2.0" / 63mm, 2.5" / 75mm	1.80	2.00	24
9021613	EPV300-WIFI+RS485	2.0" / 63mm, 2.5" / 75mm	2.20	3.00	25

Performance Data

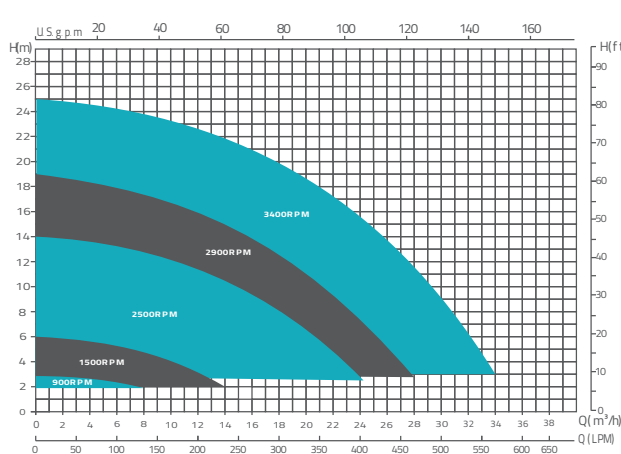
Model: EPV150

Speed (RPM)	Flow (LPM)	Efficiency (Liter/Watt)	Flow (GPM)	Efficiency (Gallon/Watt)	Power (Watt)
900	101	121	27	32	50
1500	207	95	55	25	130
2500	368	44	97	12	505
2900	417	29	110	8	850
3400	509	26	135	7	1190

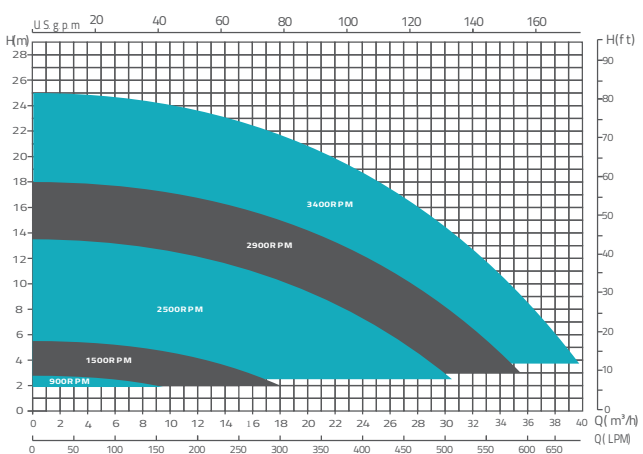
EPV150 230V-50Hz/60Hz



EPV200 230V-50Hz/60Hz



EPV300 230V-50Hz/60Hz



E-Power Pump

For residential and semi-commercial pools



A HIGH-PERFORMING SELF-PRIMING PUMP

Ring lock seal design eliminates suction leaks and maximize suction efficiency.



Product Features:

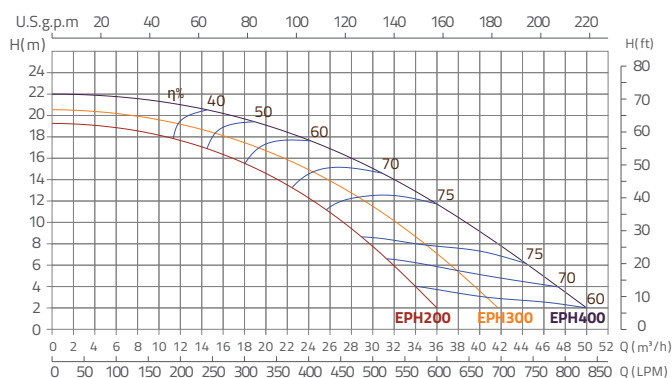
1. Asynchronous, Two poles motor
2. Motor Insulation Class B
3. IPX5 Waterproof
4. Built-in thermal protection
5. Overload protection
6. Available in 50Hz or 60Hz with 230V/400V
7. Special design union compatible for both imperial and metric standard
8. Imperial and Metric measurement standard
9. 316 Stainless steel shaft
10. 316 Stainless steel mechanical seal
11. Self-Priming up to 2.5m above water level
12. Testing pressure 50 psi (3.5 Bar)
13. Basket Volume 5 litres



SAA



Technical Information

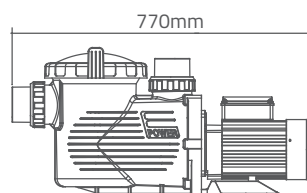
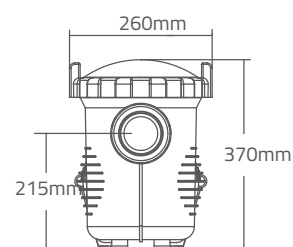


Model	Input (kW)	Current (AMP)	Noise (dB)	Head (m)					
				6	8	10	12	14	16
				Flow Rate (m³/h)					
EPH200	1.8	8.2	68	32	30	27	24	21	17
EPH300	2.2	10.0	69	37	35	32	29	26	22
EPH400	2.8	12.5	71	45	42	39	36	32	28

Code 230V/50Hz	Code 230V/60Hz	Code 400V/50Hz*	Model	Connection Size	Horsepower	Weight (kg)
88020708	88021008	88020808	EPH200	2" / 63mm 2.5" / 75mm	2.0hp	23.0
88020709	88021009	88020809	EPH300	2" / 63mm 2.5" / 75mm	3.0hp	24.0
88020718	88021018	88020818	EPH400	2" / 63mm 2.5" / 75mm	4.0hp	25.0

*Three phase

Product Dimensions



Super-Power Variable Speed Pump

For residential pools and water features

ULTRA ENERGY EFFICIENCY

Emaux Super-Power Variable Speed Pump reduces the energy use of your pool, spa, and water features. Thanks to its higher efficiency, it eliminates over-usage and reduces equipment maintenance costs. Compared to the Emaux Super-Power Variable speed pump, traditional single-speed pumps run continuously and inefficiently at maximum load incurring high running costs. Reduced speed provides slower water circulation rates and puts less strain on the complete installation such as filter, sanitization, and plumbing. It reduces the wear-and-tear factor ending in significant savings for the pool owner.

SUPERPOWER



Model: SPV150



Motor Advantages

Emaux Super-Power Variable Speed Pump uses the latest Permanent Magnet Motor (PMM) technology, which produces a magnetic field between the rotor and windings. The energy-saving is derived from the ability to reduce the RPM of the motor itself. A standard motor consumes electricity to induce the magnetic field into the rotor. On the other hand, a permanent magnet motor gains efficiency by the magnets working on spinning the rotor, achieving an energy cost saving of up to 80%.

The design of (Totally Enclosed Fan Cooled) TEFC Motor also increases the reliability and durability for use in all weather conditions. The AISI316 stainless steel motor shaft and shaft seal also ensure reliability and compatibility with saltwater pools.

With Advanced Menu

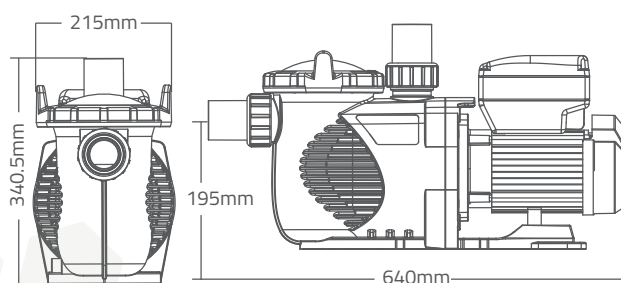
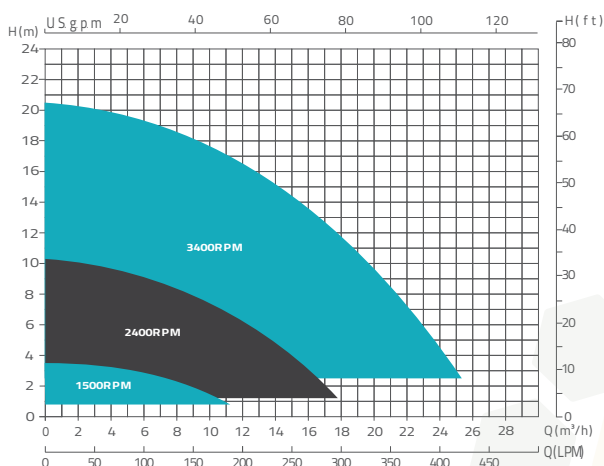
One touch controller - total control at your finger tips. Pre-set speed programs and schedules, offer the most efficient pool, spa, or any connected water feature.



Product Features:

1. Permanent Magnet Motor (PMM), Totally Enclosed Fan Cooled (TEFC)
2. Pump casing ABS + glass fiber, Impeller PPO, Strainer basket and base in PP + Glass fiber
3. Motor shaft - S.S.316, Seals bellows - EPDM, stationary face - SIC, rotating face - Graphite, Spring - S.S.316
4. Super quiet operation when running at low RPM mode (55dB@1400 RPM)
5. Designed and constructed to maximize the pump's hydraulic performance
6. IPX5 Waterproof

Technical Information SPV150 220-240V-50Hz/60Hz



Code	Model	Power	Connection size	Weight	Input Power	Horsepower	RPM
9023302	SPV150-RS485	220-240V, 50Hz/60Hz	1.5" ID / 50mm ID, 2.0" OD / 63mm OD	18.5Kg	1.3kW	1.5hp	800-3400
9023303	SPV150-WIFI+RS485	220-240V, 50Hz/60Hz	1.5" ID / 50mm ID, 2.0" OD / 63mm OD	18.5Kg	1.3kW	1.5hp	800-3400

New Connectivity and External Smart Control

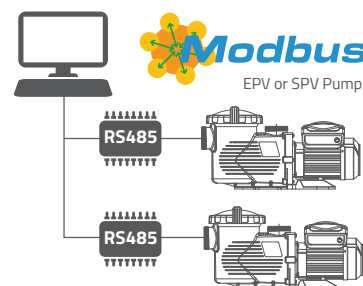
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SMART LIFE



IoT Connection:

An IoT version can be controlled and monitored over an internet connection, enabling users to manage pool functions remotely. This connectivity allows for real-time adjustments, automated scheduling, and enhanced efficiency in maintaining optimal water quality.



Multi-device connection:

The multi-device connection version allows multiple phones and devices to connect locally, enabling control and monitoring without requiring internet access.

EMAUX PUMP



Code	Description
E021616	3C 22AWG 7.62M 4PIN RS485 Modbus Harness Cable

Super-Power Variable Speed Pump NEW

For residential pools and spa

PRODUCTIVE AND DEPENDABLE

The Emaux New SuperPower Variable-Speed Pump features an innovative pump body design paired with a high-performance motor has a high efficiency of up to 86% surpassing industry standards, providing a more efficient and reliable solution for pools and spas. Its noise reduction design and optimizes water flow that delivering for enhanced performance. The New SuperPower Variable-Speed Pump is engineered for easy, hassle-free installation, streamlining the process and saving you time and effort. The new base design makes it ideal for retrofitting into existing pool systems, offering a convenient upgrade option for pool owners.

User-Friendly Smart Control Panel

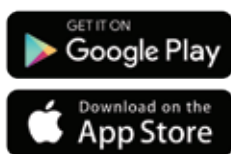


SUPERPOWER



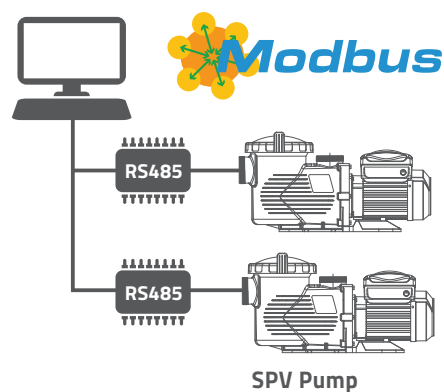
New Connectivity and External Smart Control

DOWNLOAD THE APP SMART LIFE NEW

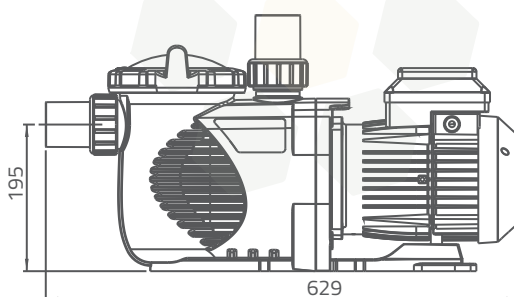
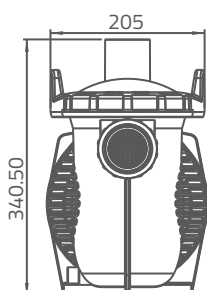


IoT Connection:

An IoT version can be controlled and monitored over an internet connection, enabling users to manage pool functions remotely. This connectivity allows for real-time adjustments, automated scheduling, and enhanced efficiency in maintaining optimal water quality.



Product Dimensions

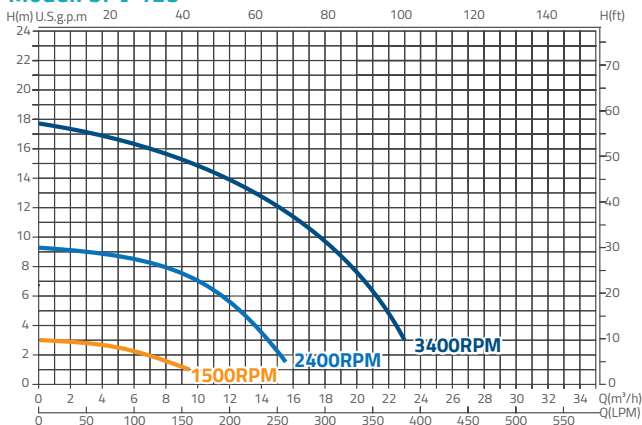


Product Features:

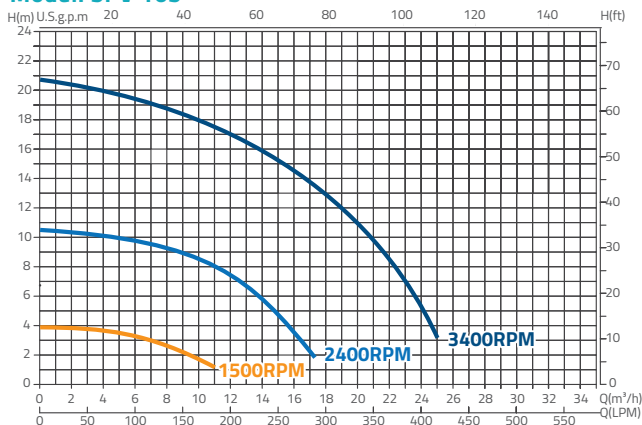
- Class insulation Class F
- IPX5 Waterproof Standard
- Basket volume 2L
- Self Priming up to 3.5m above water level
- Feasible union design for both imperial and metric standard

Technical Information

Model: SPV 125



Model: SPV 165



Code	Model	Power	Connection size	Weight	Input Power	Horsepower	RPM
9023308	SPV 125	110V-240V, 50Hz/60Hz	1.5" ID / 50mm ID, 2.0" OD / 63mm OD	18 Kg	1.1 kW	1.25 hp	800-3400
9023309	SPV 165	110V-240V, 50Hz/60Hz	1.5" ID / 50mm ID, 2.0" OD / 63mm OD	18 Kg	1.5 kW	1.65 hp	800-3400

Super-Power Pump

For residential pools and spas

ENGINEERED AND BUILT FOR POOL PROFESSIONALS

Known for its reputation for innovation and based on market feedback, Emaux has developed the SPH Series by answering a call from pool professionals for a reliable, economical pump for new installations and retrofits.

SUPERPOWER



Product Features:

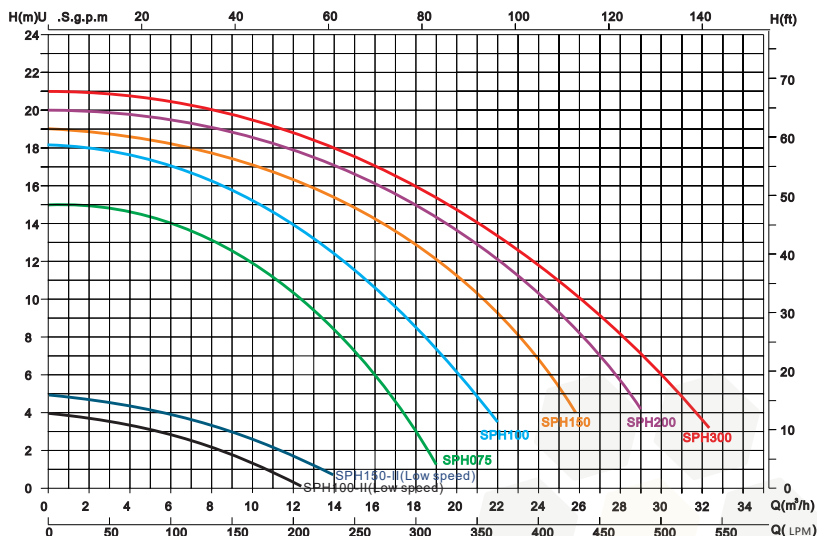
1. Direct replacement for other model pumps
2. Asynchronous, two poles motor
3. Motor Insulation Class F
4. Thermal and over current protection
5. Pump casing ABS + glass fiber, Impeller PPO, Strainer basket and base in PP + glass fiber
6. Motor shaft - S.S.316, Seals bellows - EPDM, stationary face - SIC, rotating face - Graphite, Spring - S.S.316
7. Self-Priming up to 3.3m above water level
8. Testing pressure 50 psi (3.5 Bar)
9. Basket Volume 2 litres
10. IPX5 Waterproof

2-Speed Pump

Super Power 2-speed pump represents a breakthrough in pool pump technology. The user is able to select either HIGH speed (2850rpm) or LOW speed (1450rpm) on the pump's control pad. The LOW speed feature offers low energy consumption, low noise level, and a longer lifespan of the product.

- 2-speed models: Dual capacitors motor start wiring
- Handy control pad to select High or Low speed.

Technical Information



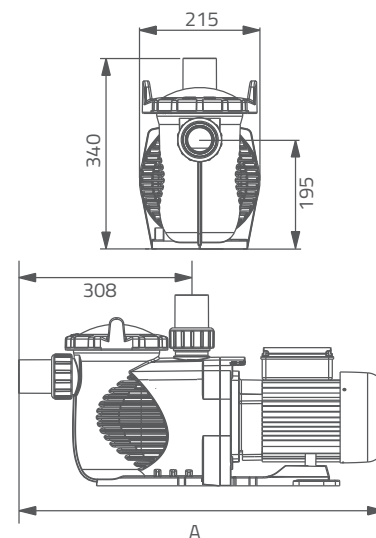
Remark: The performance curve above is for 50Hz models.

Model	Input (kW)	Current (AMP)	Noise (dB)	Head (m)					
				6	8	10	12	14	16
				Flow Rate (m³/h)					
SPH075	0.75	3.5	65	16	14.2	12.2	10	6	--
SPH100	1.10	5	65	20	18.5	16.5	14.5	12	8.5
SPH150	1.50	6.8	67	24.5	23	21.2	19	16.2	13
SPH200	1.80	8.2	67	27.8	26	24.2	22	19.5	16
SPH300	2.20	10	68	30	28.5	26	23.8	21	18
SPH100-II (High Speed)	1.10	5	65	19.5	17.5	15.2	12.5	9	3
SPH100-II (Low Speed)	0.3	1.3	52	--	--	--	--	--	--
SPH150-II (High Speed)	1.50	6.8	65	24	22	19.9	17.5	14	10
SPH150-II (Low Speed)	0.35	1.5	52	--	--	--	--	--	--

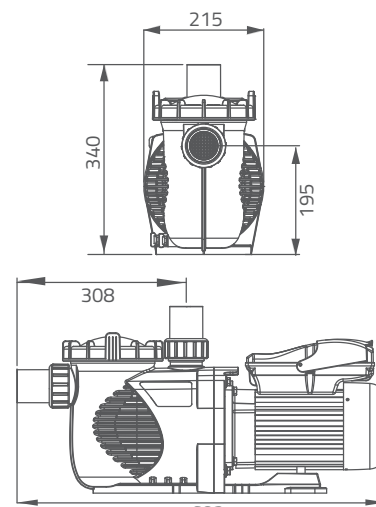
Code 230V/50Hz	Code 230V/60Hz	Model	Connection Size	Horsepower	Weight (kg)	Capacitance 230V	A (mm)
88029604	88029704	SPH075	1.5"(50mm)ID / 2"(63mm)OD	0.75hp	13.6	20μF	652
88029605	88029705	SPH100	1.5"(50mm)ID / 2"(63mm)OD	1.0hp	13.8	25μF	652
88029607	88029707	SPH150	1.5"(50mm)ID / 2"(63mm)OD	1.5hp	14.0	25μF	652
88029608	88029708	SPH200	1.5"(50mm)ID / 2"(63mm)OD	2.0hp	14.2	30μF	652
88029609	88029709	SPH300	1.5"(50mm)ID / 2"(63mm)OD	3.0hp	14.5	35μF	682
9023212	9023224	SPH100-II*	1.5"(50mm)ID / 2"(63mm)OD	1.0hp	14.7	30μF/16μF	682
9023213	9023225	SPH150-II*	1.5"(50mm)ID / 2"(63mm)OD	1.5hp	15.0	30μF/16μF	682

*2-speed models

Product Dimensions



Model : SPH Pump



Model : SPH 2-Speed Pump

E-Turbo Variable Speed Pump

For residential pool and water features

INNOVATIVE AND HIGH PERFORMANCE

The Emaux E-Turbo variable speed pump is a cutting-edge product that combines efficiency and reliability. It features a unique back cover design that reduces noise, increases durability and prevents electric shocks. It also has a superior cooling system that extends the life of the pump and ensures optimal performance in challenging conditions. The removable panel offers easy installation and access to controls, making maintenance and adjustments simple and convenient. The membrane keypad has large keys that are easy to find and press accurately.



Model : ETV125



Retro-Fit Replacement

Precise alignment with plumbing position, making it easy to replace *Astralpool SENA*.

With Adjustable base: ESPA Silen & Astralpool Victoria Plus.

Robust Structure Design:

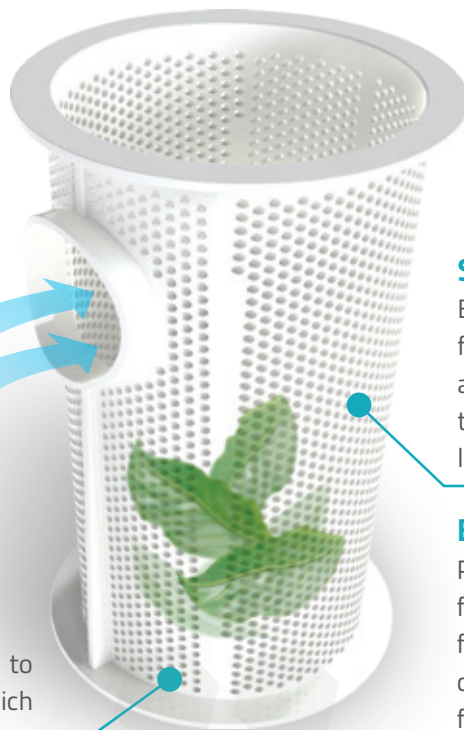
Resistant to suction pressure and damage. It is made of durable materials that can handle the tough chemicals and water conditions that are common in pool systems, delivering consistent and reliable performance for a long time.

Basket:

Enlarged 3-Litre Strainer

Close Bottom Basket:

The enclosed bottom basket allows to capture of small heavy waste which condenses at the bottom.



Special Hole Design:

Ensures optimal water flow and debris filtration. The holes are uniformly sized at 3mm, which allows water to pass through smoothly while trapping larger debris.

Bonus filter bag:

Protect the pump with a bonus nylon filter bag. This accessory can catch hair, fine leaves and other small debris that could damage the impellor. By using the filter bag, you can extend the lifespan of your pump and keep it running smoothly.



Detachable Smart Control Panel

- LCD with backlight offers good visibility even in low-light conditions.
- Simple and clear indication on the screen.
- User- friendly interface.
- Large key membrane provides good tic tac feeling, easy to press.

Detachable panel allow wall mounting



Motor Advantages

The PMSM motor has an integrated PCB design, reducing the motor size by 20%. This allows the pump to achieve a streamlined and concise design. The motor has a high efficiency of up to 86%, surpassing industry standards. The rotor is specially designed (Patent) and processed to not only improve the reliability, but also enhance its stability, ensuring quiet and smooth operation.



New Connectivity and External Smart Control

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SMART LIFE

NEW

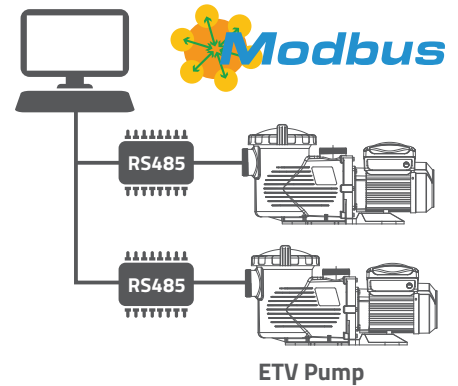


IoT Connection:

An IoT version can be controlled and monitored over an internet connection, enabling users to manage pool functions remotely. This connectivity allows for real-time adjustments, automated scheduling, and enhanced efficiency in maintaining optimal water quality.

Multi-device connection:

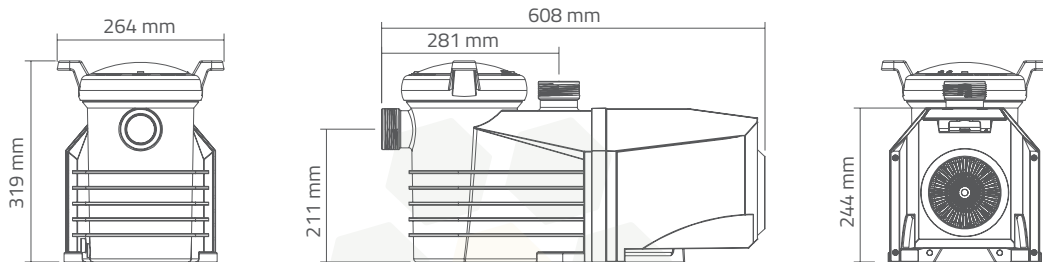
The multi-device connection version allows multiple phones and devices to connect locally, enabling control and monitoring without requiring internet access.



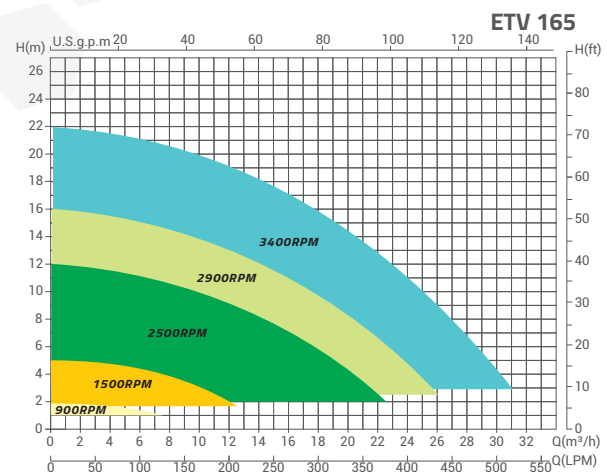
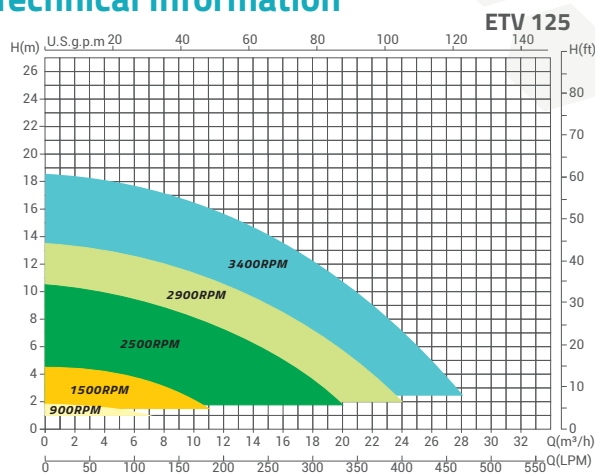
EMAUX PUMP



Product Dimensions



Technical Information



Model: ETV 125

RPM	900 RPM	1500 RPM	2500 RPM	2900 RPM
Power Input (w)	40	110	410	610
Current (amp)	0.3	0.5	0.8	2.6
Flow Rate (m³ / h)	7.9	11.2	19.8	23.1
Flow Rate (l / m)	131.6	186.6	330.5	385.8
Efficiency (Liters per watt)	197.5	101.8	48.3	37.9

Model: ETV 165

RPM	900 RPM	1500 RPM	2500 RPM	2900 RPM
Power Input (w)	50	130	505	850
Current (amp)	0.3	0.6	2.2	3.8
Flow Rate (m³ / h)	6	12.4	22	25
Flow Rate (l / m)	101.1	206.6	367.5	416.6
Efficiency (Liters per watt)	121.4	95.3	43.6	29.4

Code	Model	Power	Connection size	Weight	Input Power	Horsepower	RPM
9020401	ETV 125	115 / 230 V, 50 / 60 Hz	1.5" ID / 50 mm ID, 2.0" OD / 63 mm OD	20 Kg	1.1 kW	1.25 hp	800-3400
9020402	ETV 165	115 / 230 V, 50 / 60 Hz	1.5" ID / 50 mm ID, 2.0" OD / 63 mm OD	20 Kg	1.5 kW	1.65 hp	800-3400

E-Turbo Pump

For residential pools and spas



EFFICIENT AND RELIABLE

Emaux new E-Turbo single-speed pump combination of new pump body design and Emaux high performance motor, offer a more efficient and reliable solution for pool and spa. Noise reduction design and optimize water flow that delivering optimal performance. Emaux E-Turbo single-speed pump is designed for easy and hassle-free installation. This ensures a smooth and efficient installation process, saving time and effort. New design base to make the pump suitable for retrofitting into existing pool systems, providing an upgrade option for pool owners.

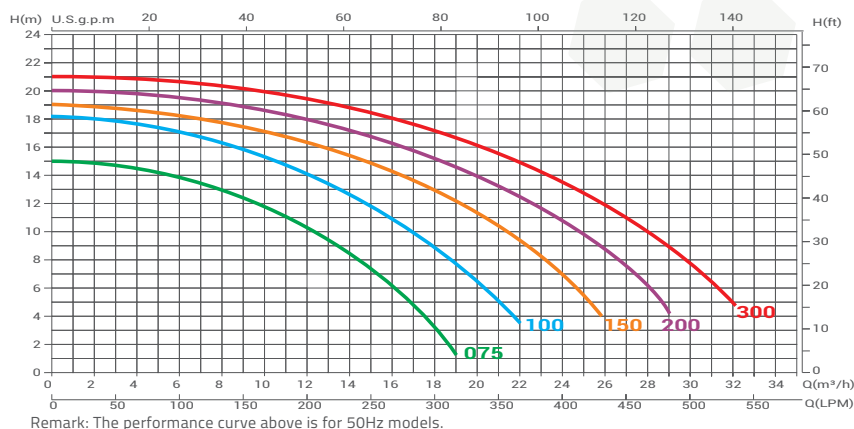


Product Features:

1. Direct replacement for other model pumps
2. Motor Insulation Class F
3. Thermal or over current protection
4. IPX5 Waterproof
5. Asynchronous, two poles motor
5. Self Priming up to 3.5 m above water level
6. Feasible union design for both imperial and metric standard
7. Basket volume 3 L



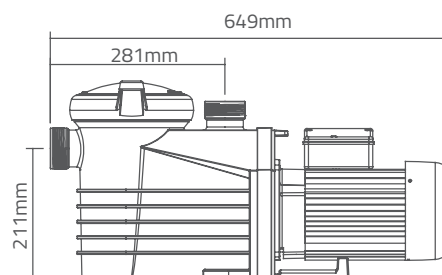
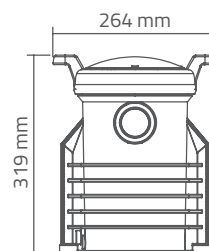
Technical Information



Model	Input (kW)	Current (AMP)	Noise (dB)	Head (m)					
				6	8	10	12	14	16
				Flow Rate (m³/h)					
ET075	0.75	3.5	63	16	14.4	12.4	9.5	5.5	--
ET100	1.10	5	64	20.2	19.8	16.8	14.8	12	8.5
ET150	1.50	6.8	65	24.5	23.2	21.5	19.2	16.5	12.5
ET200	1.80	8.2	65	28	26.6	25	22.5	20	16.5
ET300	2.20	10	67	31.2	29.8	28	25.8	23.2	20

Code (230V 50H)	Code (230V 60H)	Model	Connection size	Horsepower	Weight	Input Power	Capacitance
9022401	9022406	ET075	1.5"ID / 50mm ID, 2.0" OD / 63mm OD	0.75 hp	14.5 Kg	0.75 kW	20 µF
9022402	9022407	ET100	1.5"ID / 50mm ID, 2.0" OD / 63mm OD	1.0 hp	14.5 Kg	1.1 kW	25 µF
9022403	9022408	ET150	1.5"ID / 50mm ID, 2.0" OD / 63mm OD	1.5 hp	15 kg	1.5 kW	25 µF
9022404	9022409	ET200	1.5"ID / 50mm ID, 2.0" OD / 63mm OD	2.0 hp	15.2 kg	1.8 kW	30 µF
9022405	9022410	ET300	1.5"ID / 50mm ID, 2.0" OD / 63mm OD	3.0 hp	15.7 kg	2.2 kW	35 µF

Product Dimensions



SB & SR Series Pumps

For residential pools and spas

PROVEN LONG-TERM DURABILITY

The SB Series pump delivers high flow and energy efficiency ultra performance. 2-inch suction and discharge port with a transparent lid. Ring lock seal design to eliminate suction leaks and to maximize suction efficiency.

The SR Series pump is the right choice for both high and medium head installation in commercial spa pools. The seal and bearing used are imported from trustable suppliers to ensure reliable quality. It delivers high flow and energy efficiency ultra performance.



SR Series Pump

SB Series Pump

Product Features:

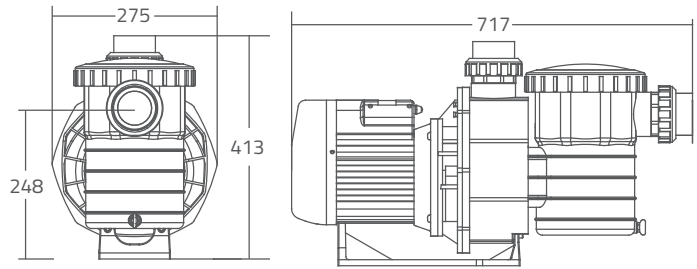
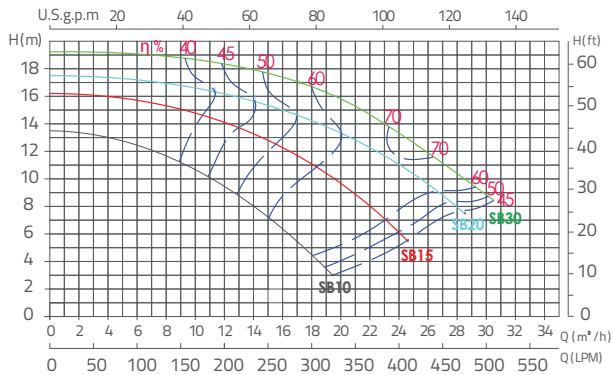
1. 2 inch suction and discharge ports
2. Ring-lock lid eliminates leaks and maximizes suction efficiency
3. Asynchronous, two-pole motor
4. Motor Insulation Class B
5. IPX5 Waterproof
6. Built-in thermal protection
7. Overload protection
8. Available in 50Hz or 60Hz for 230V/400V
9. Specially designed unions compatible for both Imperial and Metric standards
10. Testing Pressure (50 psi/ 3.5Bar)
11. 316 stainless steel shaft
12. 316 stainless steel mechanical seal



Only SB Series Pump is C-Tick and SASO certified

SB Series Pump

Product Information



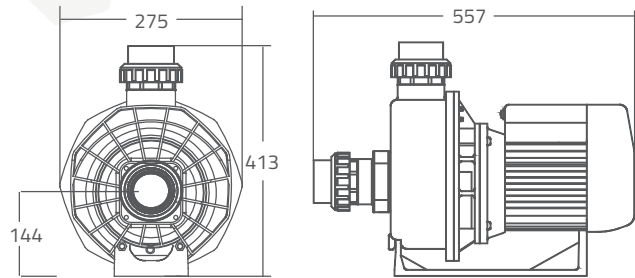
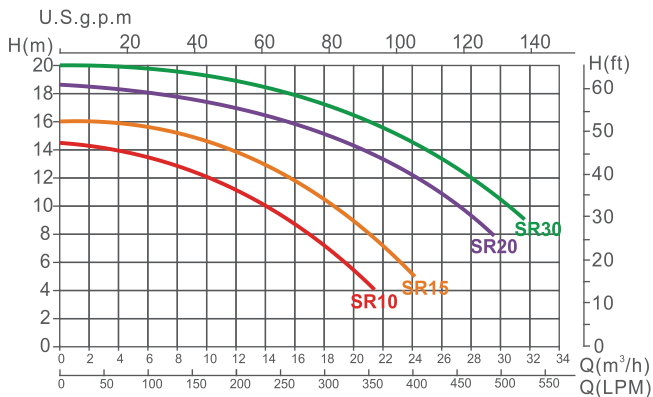
Model	Input (kW)	Current (AMP)	Noise (dB)	Head (m)					
				6	8	10	12	14	16
SB10	0.97	4.7	67	16.4	14	11	7	--	--
SB15	1.30	5.9	67	24	22	19.5	16	12	2
SB20	1.80	8.2	69	31	28	25.2	22	18	12
SB30	2.18	10.5	69	34	32	28.4	26	23	19.2

Code 230V/50Hz	Code 230V/60Hz	Code 400V/50Hz*	Model	Connection Size	Horsepower	Weight(kg)	Capacitance 220V
88021305	88021405	--	SB10	2" / 63mm	1.0hp	16.0	25μF
88021307	88021407	--	SB15	2" / 63mm	1.5hp	17.0	25μF
88021308	88021408	88021608	SB20	2" / 63mm	2.0hp	23.0	30μF
88021309	88021409	88021609	SB30	2" / 63mm	3.0hp	24.0	35μF

*Three phase

SR Series Pump

Product Information



Model	Input (kW)	Current (AMP)	Noise (dB)	Head (m)					
				6	8	10	12	14	16
SR10	0.97	4.7	67	19.6	17	14	10	4	--
SR15	1.30	5.9	67	23.2	21	18.8	14.8	11.6	2
SR20	1.80	8.2	69	31	29.2	27	24	20.5	16
SR30	2.18	10.5	69	34	32	30.5	28	25	21

Code 230V/50Hz	Code 400V/50Hz*	Code 230V/60Hz	Model	Connection Size	Horsepower	Weight (kg)	Capacitance 220V
88023605	--	88023705	SR10	2" / 63mm	1.0hp	14.70	25μF
88023607	--	88023707	SR15	2" / 63mm	1.5hp	16.30	25μF
88023608	88023908	88023708	SR20	2" / 63mm	2.0hp	19.70	30μF
88023609	88023909	88023709	SR30	2" / 63mm	3.0hp	22.10	35μF

*Three phase

E-Force Series Pump NEW

For the medium size residential pools

VALUE FOR TRUSTED PERFORMANCE

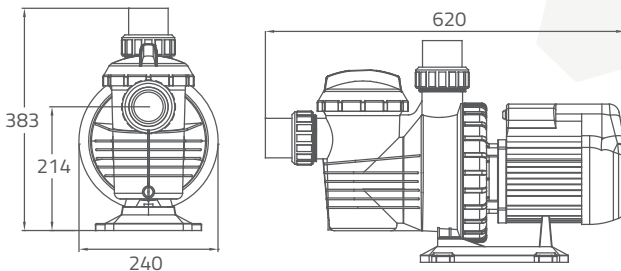
The E-Force pump operates quietly and is highly energy-efficient. Its 2-inch suction enhancement boosts performance. Featuring a unique ring lock nut design, it is easy to maintain. With low decibel levels and minimal energy consumption, it requires very little upkeep.



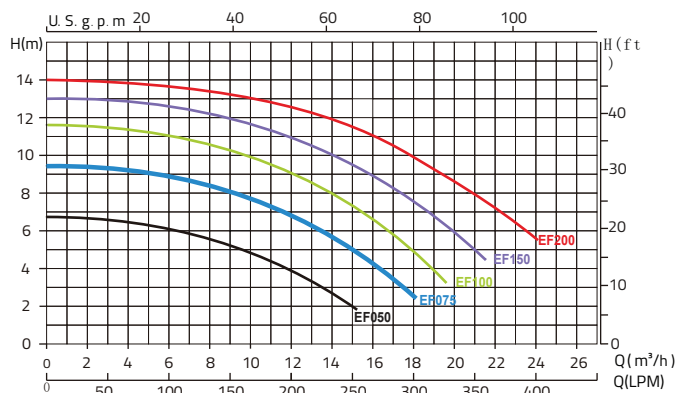
Product Features:

1. 1.5 & 2 inch suction and discharge port with transparent lid
2. Asynchronous, Two poles motor
3. Class insulation: 130(B)
4. IPX5 Waterproof standard
5. Built-in thermal protection
6. Overload protection
7. External heat sink
8. Available in 50Hz or 60Hz with 220V/110V
9. Special design union compatible for both Imperial and Metric measurement standard
10. S.S. 316 Shaft
11. S.S. 316 Mechanical seal
12. Self-Priming up to 2m above water level
13. Testing Pressure 50PSI (3.5 Bar)
14. Basket Volume 2.5 litres

Product Information and Dimension:



Code 220V/50Hz	Model	Housepower	Weight(kg)	Capacitance 220V
9023601	EF050	0.5hp	10.4	14μF
9023602	EF075	0.75hp	12.1	20μF
9023603	EF100	1.0hp	13.4	25μF
9023604	EF150	1.5hp	14.9	25μF
9023605	EF200	2.0hp	15.4	30μF



Remark: The performance curve above is for 50Hz models

Code 220V/50Hz	Model	Input	Current (AMP)	Noise (dB)	Connection Size	Horsepower	Head (m)			
							4	6	8	10
							Flow Rate (m³/h)			
9023601	EF050	0.51	2.5	60	1.5"/50mm or 2"/63mm	0.5hp	12	6.8	--	--
9023602	EF075	0.75	3.5	68	1.5"/50mm or 2"/63mm	0.75hp	16.4	13.8	9	--
9023603	EF100	0.97	4.7	70	1.5"/50mm or 2"/63mm	1.0hp	19	17	14	10
9023604	EF150	1.30	5.9	70	1.5"/50mm or 2"/63mm	1.5hp	22	20	17.2	14
9023605	EF200	1.71	8.2	73	1.5"/50mm or 2"/63mm	2.0hp	26	23.2	21	18

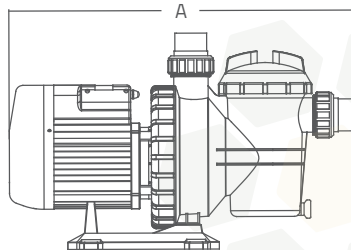
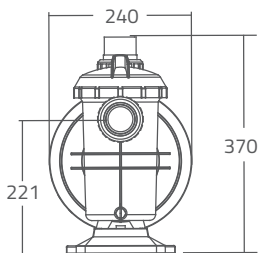


SC Series Pump

For the medium size residential pools



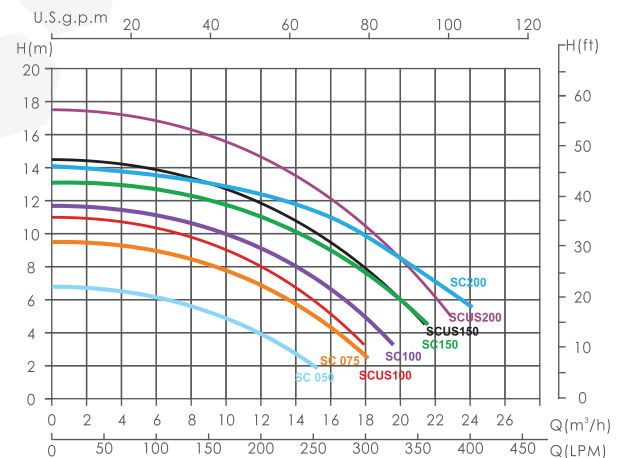
Product Information and Dimensions:



Model	Input (kW)	Current (AMP)	Noise (dB)	Head (m)						
				4	6	8	10	12	14	Flow Rate (m³/h)
SC050	0.51	2.5	60	12	6.8	---	--	--	--	
SC075	0.75	3.5	68	16.4	13.8	9	--	--	--	
SC100	0.97	4.7	70	19	17	14	10	--	--	
SC150	1.30	5.9	70	22	20	17.2	14	--	--	
SC200	1.71	8.2	73	26	23.2	21	18	--	--	
SCUS100	0.97	4.2/8.4	70	17	15	12	7	--	--	
SCUS150	1.40	6.2/12.4	70	--	20	18	15	11.8	5	
SCUS200	1.80	8.0/16.0	73	--	22	20.8	18.6	16	13	

Product Features:

1. 1.5 inch suction and discharge ports
2. Asynchronous, two-pole motor
3. Motor Insulation Class B
4. IPX5 Waterproof
5. Built-in thermal protection
6. Overload protection
7. External heat sink
8. Available in 50Hz or 60Hz for 230V/115
9. Specially designed unions compatible for both Imperial and Metric standards
10. Self-Priming up to 2m above water level
11. Testing Pressure (50 psi / 3.5Bar)
12. 316 stainless steel shaft
13. 316 stainless steel mechanical seal
14. Basket volume 2.5 litres
15. Low noise level, low energy and easy maintenance.



Remark: The performance curve above is for 50Hz models

Code 230V/50Hz	Code 230V/60Hz	Code 230V/115V/60Hz*	Model	Connection Size	Horsepower	Weight (kg)	Capacitance 230V	Capacitance 115V/230V	A mm
88021703	88021803	/	SC050	1.5" / 50mm	0.5hp	10.4	14μF	/	600
88021704	88021804	/	SC075	1.5" / 50mm	0.75hp	12.1	20μF	/	600
88021705	88021805	/	SC100	1.5" / 50mm	1.0hp	13.4	25μF	/	600
88021707	88021807	/	SC150	1.5" / 50mm	1.5hp	14.9	25μF	/	600
88021708	88021808	/	SC200	1.5" / 50mm	2.0hp	15.4	30μF	/	600
/	/	88020605	SCUS100	1.5" / 50mm	1.0hp	15	/	90μF	610
/	/	88020607	SCUS150	1.5" / 50mm	1.5hp	16	/	90μF	610
/	/	88020608	SCUS200	1.5" / 50mm	2.0hp	17.5	/	100μF	610

Note: SCUS100, SCUS150, SCUS200 are for US market only

*Deal voltage model



All-Star Series Pump

Specially designed for above-ground pool

ROBUST PUMPS FOR ABOVE-GROUND POOLS

The Emaux All-Star series pump is specifically designed as a superior pump for above-ground pools. Heavy duty construction and advanced engineering deliver high flow performance and reliability. It offers a powerful, quiet, and a long operational lifespan.

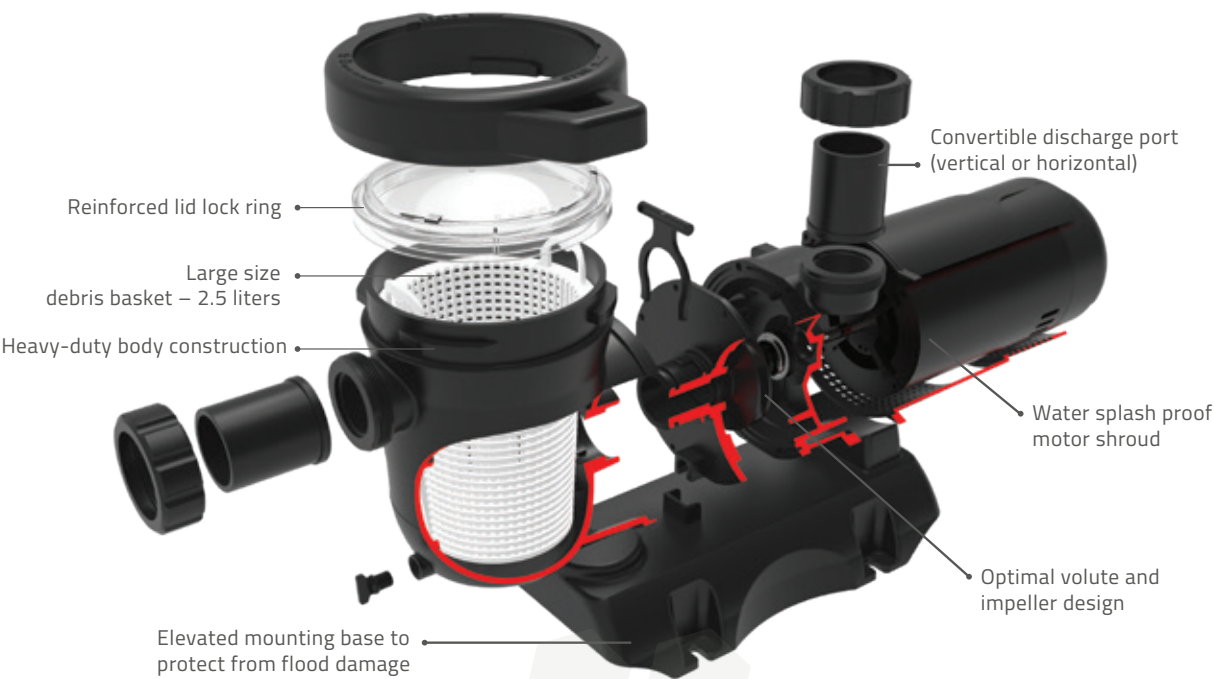


 **ALL-STAR**

Features:

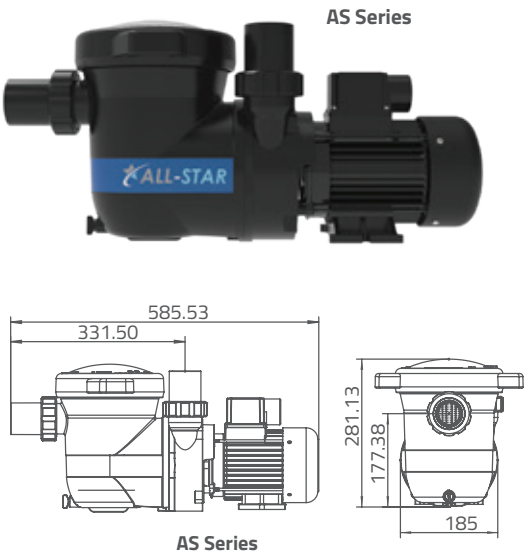
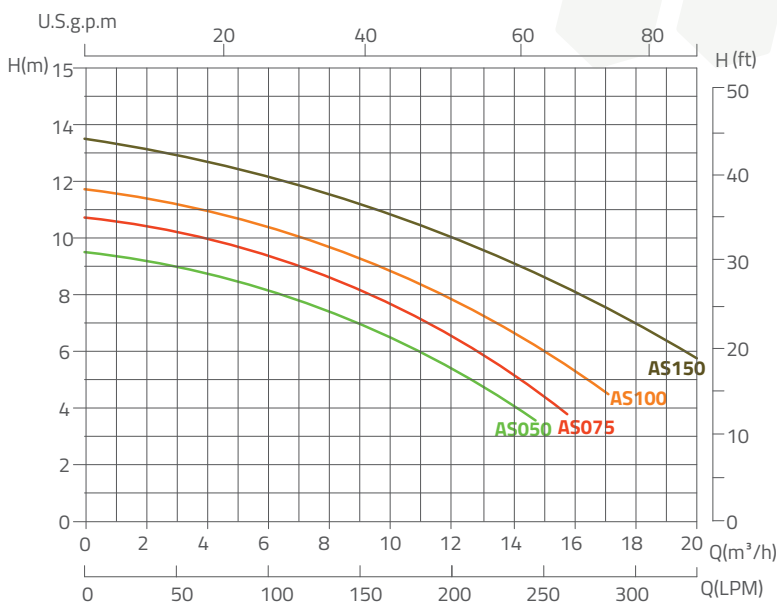
1. Includes a motor shroud for Canada versions and a mounting base. All components are molded in corrosion-proof reinforced thermoplastic for superior strength and reliability.
2. Easy access discharge port allows conversion from vertical to horizontal discharge orientation.
3. 1.5" PVC pipe union or NPT thread to 1.25" - 1.5" hose band adaptor for quick inlet/outlet hose connection.
4. Large debris basket with see-through lid reduces cleaning frequency. Twist-Lock lid design enables hassle-free access to the basket.
5. Optimal volute and impeller design provides an excellent hydraulic performance.
6. Suitable for in-ground pools: self-priming vertical lift up to 5ft (1.5 metres).
7. Super quiet operation especially for dual-speed models.
8. Heavy duty high performance motor with automatic thermal overload protection.

Exploded Diagram:



Technical Information:

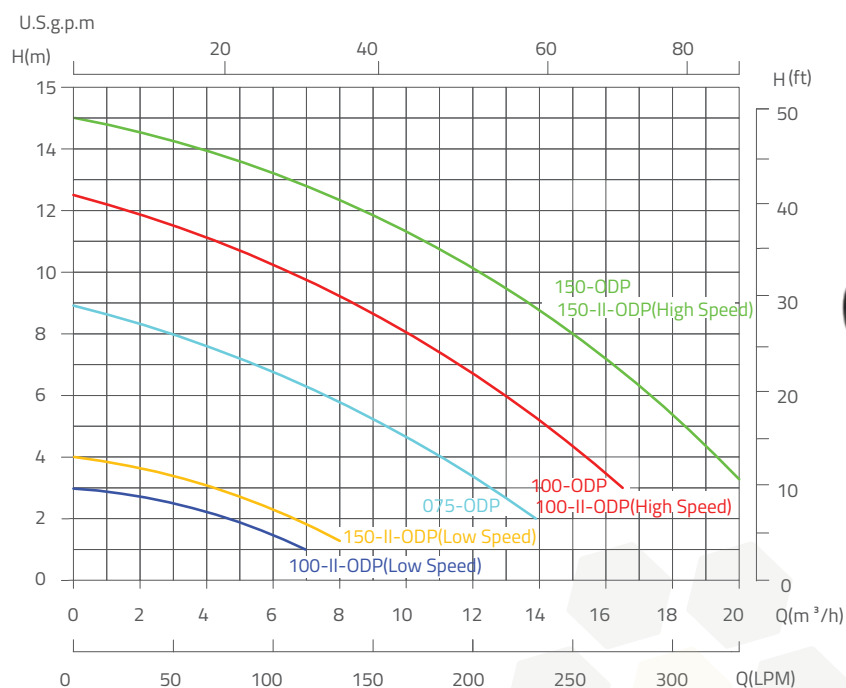
AS Series: with TEFC motor and CE certificate



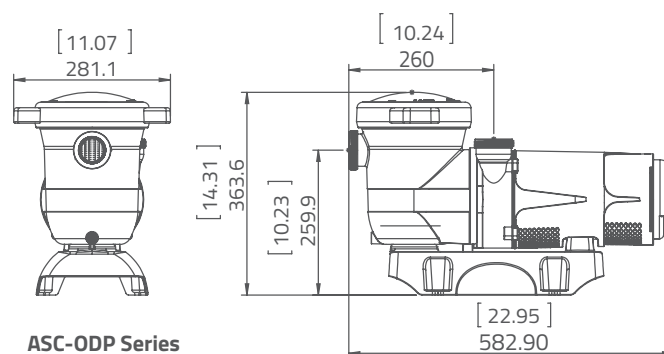
Code (230V/50Hz)	Model	Connection Size	HP	UF	Weight (Kg)	Input (kW)	Current (AMP)	Noise (dB)	Head (m)		
									6	8	10
									Flow Rate (m³/h)		
9024301	AS050	1.5"/50mm	0.5	8	10	0.55	2.5	62	10.5	6.4	--
9024302	AS075	1.5"/50mm	0.75	14	10.5	0.75	3.5	62	13	9.3	4
9024303	AS100	1.5"/50mm	1.0	20	11.5	0.9	4.7	65	15	11.7	7
9024304	AS150	1.5"/50mm	1.5	30	12.5	1.1	5.8	68	19.6	16.2	12

Technical Information (ASC-ODP Series)

ASC-ODP Series: with ODP motor, UL certificate and motor shroud and elevated mounting base



Note: The performance curve above is for 60Hz models



Code	Model	Speed	Voltage	Input Power	HP	Full Load Current (A)	Connection Size	Noise Level dB @ 1m
9024101	ASC075-ODP	Single	115Vac 60Hz	0.55kW	0.75	6.2	1 ¼" - 1 ½"	66
9024102	ASC100-ODP	Single	115Vac 60Hz	0.75kW	1.0	9.5	1 ¼" - 1 ½"	68
9024103	ASC100-II-ODP	Dual	115Vac 60Hz	0.75kW	1.0	9.5	1 ¼" - 1 ½"	68/52
9024104	ASC150-ODP	Single	115Vac 60Hz	1.10kW	1.5	10.5	1 ¼" - 1 ½"	69
9024105	ASC150-II-ODP	Dual	115Vac 60Hz	1.10kW	1.5	10.5	1 ¼" - 1 ½"	69/52

SS Series Pump

For the small size residential pools or above-ground pools

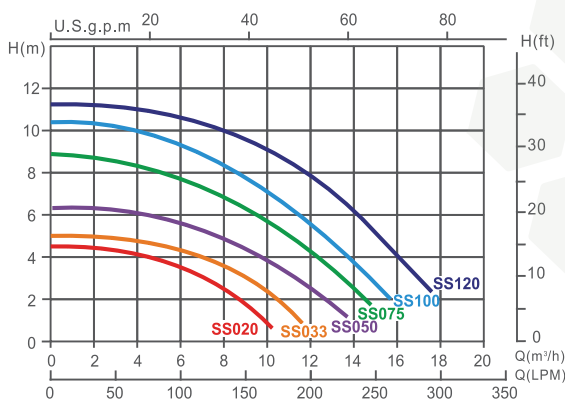
THE BEST OPTION FOR SMALLER PLUMBING

The SS pump is quiet running and energy efficient. 1.5-inch suction and discharge port with a transparent lid. It operates at a low decibel and energy consumption which requires minimal maintenance.

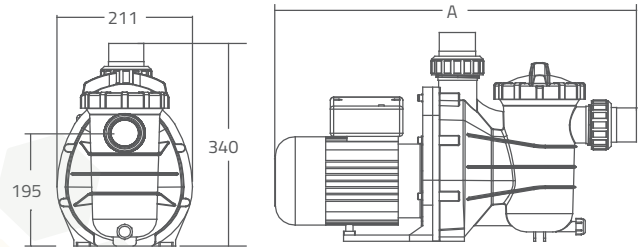


Additional features for timer option

1. The SS Series pump offers an optional built-in timer that allows the user to quickly set up the pump's running schedule on a user-friendly control pad.
2. Set up the ideal switch-on time and the run-time ranging from 2 hours a day to 24 hours.
3. Battery backup memory up to 72 hours.



Remark: The performance curve above is for 50Hz models



Product Information and Dimensions

Model	Input (kW)	Current (AMP)	Noise (dB)	Head (m)			
				2	4	6	8
				Flow Rate (m³/h)			
SS020/SS020T	0.28	1.5	55	8.4	4	--	--
SS033/SS033T	0.43	2	55	10.4	7	--	--
SS050/SS050T	0.55	2.5	60	12.4	10	4	--
SS075/SS075T	0.75	3.5	60	14.4	12.2	9.4	5
SS100/SS100T	0.90	4.7	65	15.2	13.8	11.4	8.4
SS120/SS120T	0.97	5.8	65	18	16	14	12

Product Features:

1. 1.5 inch suction and discharge ports
2. Asynchronous, two-pole motor
3. Motor Insulation Class B
4. IPX5 Waterproof
5. Built-in thermal protection
6. Overload protection
7. External heat sink
8. Available in 50Hz or 60Hz with 230V/110V
9. Specially designed unions compatible for both Imperial and Metric standards
10. 316 stainless steel shaft
11. 316 stainless steel mechanical seal
12. Low noise level, low energy and easy maintenance.

Code 230V/50Hz	Code 110V/60Hz	Model	Connection Size	Horsepower	Weight (kg)	Capacitance 230V	Capacitance 110V	A mm
88022401	88022601	SS020	1.5" / 50mm	0.2hp	6.20	5μF	20μF	507
88022402	88022602	SS033	1.5" / 50mm	0.33hp	6.50	6μF	24μF	507
88022403	88022603	SS050	1.5" / 50mm	0.5hp	8.03	8μF	30μF	552
88022404	88022604	SS075	1.5" / 50mm	0.75hp	9.01	14μF	40μF	552
88022405	88022605	SS100	1.5" / 50mm	1.0hp	9.09	20μF	60μF	552
88022406	88022606	SS120	1.5" / 50mm	1.2hp	11.00	20μF	60μF	552
9020329	/	SS020T	1.5" / 50mm	0.2hp	6.20	5μF	/	507
9020330	/	SS033T	1.5" / 50mm	0.33hp	6.50	6μF	/	507
9020331	/	SS050T	1.5" / 50mm	0.5hp	8.03	8μF	/	552
9020332	/	SS075T	1.5" / 50mm	0.75hp	9.01	14μF	/	552
9020333	/	SS100T	1.5" / 50mm	1.0hp	9.09	20μF	/	552
9020334	/	SS120T	1.5" / 50mm	1.2hp	11.00	20μF	/	552

SD & ST Series Pumps

For above-ground pools (SD Series) and portable spas (ST Series)

QUIET OPERATION AND EASY INSTALLATION

SD and ST Series Pump has the option to have the pre-filter disassembled which allows users a greater degree of applications. 1.5-inch suction and discharge port with a transparent lid. It operates at a low decibel and energy consumption which requires minimal maintenance.



Product Features:

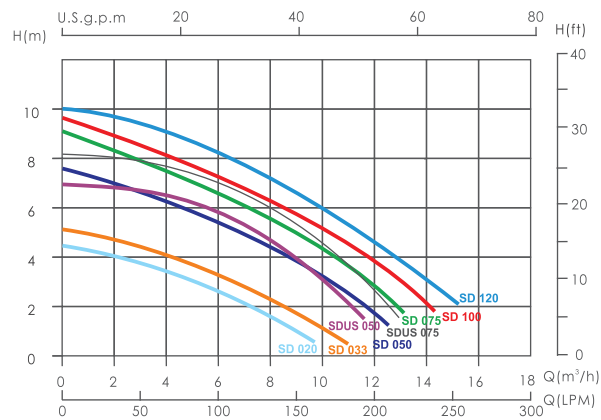
1. 1.5 inch suction and discharge ports
2. Asynchronous, two-pole motor
3. Motor Insulation Class B
4. IPX5 Waterproof
5. Built-in thermal protection
6. External heat sink
7. Transparent lid (SD Series)
8. Available in 50Hz or 60Hz for 230V/110V
9. Specially designed unions compatible for both Imperial and Metric standards
10. 316 stainless steel shaft
11. 316 stainless steel mechanical seal
12. Low noise level, low energy and easy maintenance.



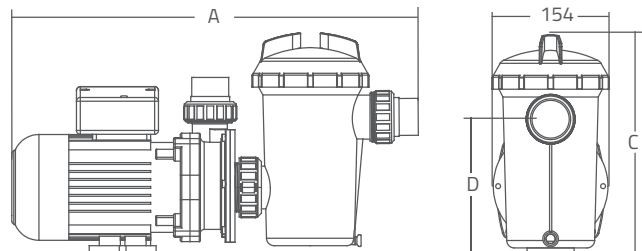
Only ST Series Pump is SAA certified

SD Series Pump

Product Information



Remark: The performance curve above is for 50Hz models



Model	Input (kW)	Current (AMP)	Noise (dB)	Head (m)			
				2	4	6	8
				Flow Rate (m³/h)			
SD020	0.28	1.5	55	7	2	--	--
SD033	0.43	2	55	8.4	4	--	--
SD050	0.60	2.5	60	11.5	9	4.6	--
SD075	0.75	3.5	60	13	10.2	7	2.8
SD100	0.90	4.7	65	14	10.8	8.6	4.4
SD120	0.97	5.8	65	15.2	13	10	6.4

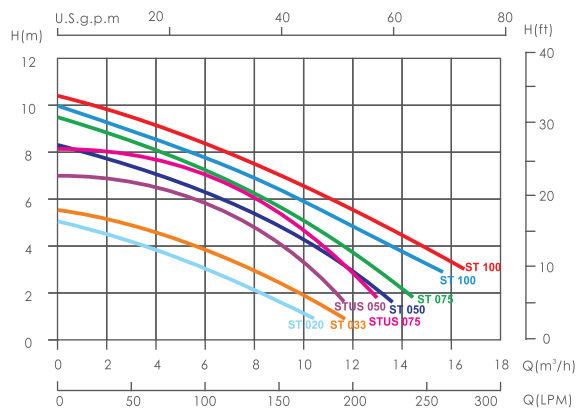
Note: SDUS050, SDUS075 are for US market only

Code 230V/50Hz	Code 110V/60Hz	Code 115V/60Hz	Model	Connection Size	Horsepower	Weight (kg)	Capacitance 230V	Capacitance 110V	Capacitance 115V	A mm	C mm	D mm
88022101	88022301	/	SD020	1.5" / 50mm	0.2hp	6.2	5μF	20μF	/	510	278	167
88022102	88022302	/	SD033	1.5" / 50mm	0.33hp	6.5	6μF	24μF	/	510	278	167
88022103	/	/	SD050	1.5" / 50mm	0.5hp	8.0	8μF	/	/	555	291	173
88022104	/	/	SD075	1.5" / 50mm	0.75hp	9.0	14μF	/	/	555	291	173
88022105	/	/	SD100	1.5" / 50mm	1.0hp	9.1	20μF	/	/	555	291	173
88022106	/	/	SD120	1.5" / 50mm	1.2hp	11.0	20μF	/	/	555	291	173
/	/	88020303*	SDUS050	1.5" / 50mm	0.5hp	9.0	/	/	30μF	555	270	173
/	/	88020304*	SDUS075	1.5" / 50mm	0.75hp	10.0	/	/	30μF	555	270	173

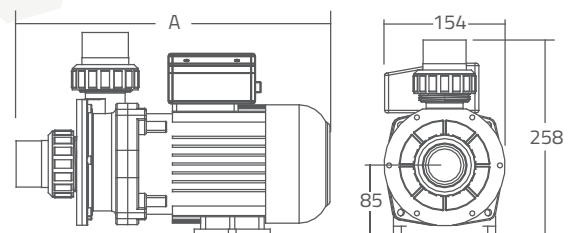
*ETL ready

ST Series Pump

Product Information



Remark: The performance curve above is for 50Hz models



Model	Input (kW)	Current (AMP)	Noise (dB)	Head (m)			
				2	4	6	8
				Flow Rate (m³/h)			
ST020	0.28	1.5	55	8.2	3.2	--	--
ST033	0.43	2	55	9.8	5.2	--	--
ST050	0.55	2.5	60	13.2	10.3	6.6	1
ST075	0.75	3.5	60	14.4	11.3	8.6	4
ST100	0.90	4.7	65	17	13.6	9.8	5.1
ST120	0.97	5.8	65	18	14.8	11	6.8

Note: STUS050, STUS075 are for US market only

Code 230V/50Hz	Code 230V/60Hz	Code 115V/60Hz	Model	Connection Size	Horsepower	Weight (kg)	Capacitance 230V	Capacitance 115V	A mm
88023001	88023101	/	ST020	1.5" / 50mm	0.2hp	4.5	4μF	/	330
88023002	88023102	/	ST033	1.5" / 50mm	0.33hp	5.1	6μF	/	330
88023003	88023103	/	ST050	1.5" / 50mm	0.5hp	7.3	8μF	/	375
88023004	88023104	/	ST075	1.5" / 50mm	0.75hp	8.2	14μF	/	375
88023005	88023105	/	ST100	1.5" / 50mm	1.0hp	9.1	20μF	/	375
88023006	88023106	/	ST120	1.5" / 50mm	1.2hp	9.3	20μF	/	375
/	/	88020203*	STUS050	1.5" / 50mm	0.5hp	9.0	/	30μF	375
/	/	88020204*	STUS075	1.5" / 50mm	0.75hp	10.0	/	30μF	375

*ETL ready

Aqua-Mini Pump

For above-ground pools, optional built-in timer

LOW RUNNING COST AND NOISE LEVEL

Aqua-Mini pump is specially designed for the above-ground swimming pool. Attached with a pre-filter and a transparent lid, it is easy to maintain. A Timer is also available for users who prefer minimal monitoring. Once the users have set a start time and duration period, the pump will start and operate accordingly every day.

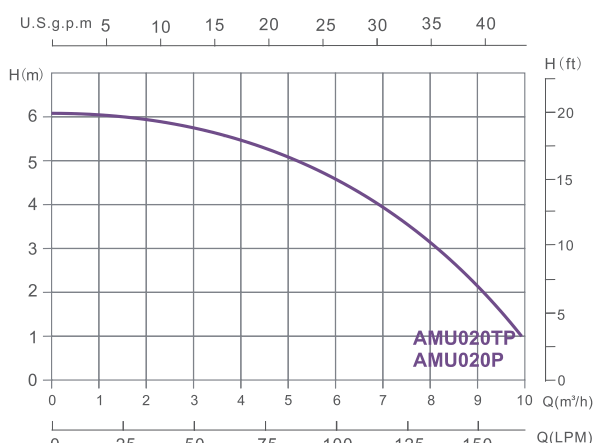


Timer option

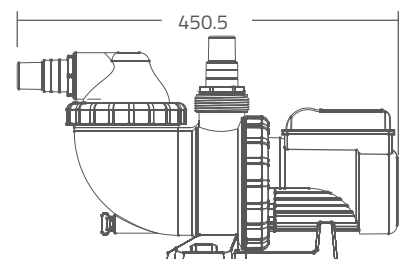
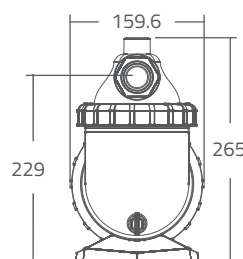
Product Features:

1. Pump body with pre-filter and rotating transparent lid for easy installation and maintenance
2. Supplied with union connectors and flexible hose adaptors
3. Timer option is available
4. Asynchronous, Two poles
5. Motor Insulation Class B
6. IPX5 Waterproof
7. Built-in thermal protection
8. External heat sink
9. Available in 50Hz or 60Hz for 230V/110V
10. Specially designed unions are compatible for both imperial and metric standards
11. Low noise level, low energy and easy maintenance.

Technical Information



Note: The performance curve above is for 50Hz models



Model	Input (kW)	Current (AMP)	Noise (dB)	Head (m)			
				2	3	4	5
AMU020TP	0.25	1.2	55	9.1	8.1	6.9	5.1
AMU020P	0.25	1.2	55	9.1	8.1	6.9	5.1

Code 230V/50Hz	Code 110V/60Hz	Code 230V/60Hz	Model	Description	Horsepower	Connection Size	Adaptor	Weight (kg)
88028401	88028501	88028301	AMU020TP	0.20HP Aqua-Mini Pump (with timer & pre-filter)	0.2hp	1.5" / 50mm	1 1/4" & 1 1/2" 32 & 38mm	4.2
88027801	88027901	88027701	AMU020P	0.20HP Aqua-Mini Pump (with pre-filter)	0.2hp	1.5" / 50mm	1 1/4" & 1 1/2" 32 & 38mm	4.2



Hydrau-Power Commercial Pump

For commercial pools, aquatic parks, and seawater facilities

EXCELLENT HYDRAULIC EFFICIENCY UP TO 91%

The Emaux Hydrau-Power pump is a series of powerful and robust pumps engineered for applications requiring high flow capability and efficiency. The pump is constructed with high impact corrosion resistant thermoplastics and equipped with a large capacity strainer. The Hydrau-Power pump is suitable for a variety of applications including all types of commercial pools, aquatic parks, and seawater facilities.



Product Features:

1. High volume self-priming thermoplastic pump ideal for large filtration systems.
2. Proven hydraulic efficiency up to 91%
3. Premium Efficiency IE3 Class Motor (compliance IEC 60034-30).
4. Francis-vane impeller allows for broadband efficiency and large flow range.
5. Smooth throat volute design facilitates the high work efficiency.
6. The operating frequency can be controlled externally by Variable Frequency Drive (VFD).
7. Fiber reinforced plastic casing provides substantial temperature, pressure, vibration and impact performance.
8. Secondary seal chamber prevents water leakage and acts as a vapour blocker to the motor.
9. Large suction-side detachable strainer capacity in 13 and 30 Liter.
10. Low noise level up to 68dB
11. IPX5 Waterproof



13L/30L
Strainer Basket



Francis-Vane
Impeller



IE 3 Class
Motor



Product Information

Code 400V/50Hz*	Model	Connection Size ANSI / DIN	Horsepower (hp)	Strainer Vol (L)	RPM	Power (kW)	Noise (dB)	Head (m)					
								6	8	10	12	14	16
								Flow Rate (m³/h)					
9023901	APS550P	4"/DN100	5.5	13	2850	4	72	95	90	82	75	65	50
9023902	APS750P	4"/DN100	7.5	13	2850	5.5	72	130	120	110	105	90	80
9023903	APS1000P	6"/DN150	10	30	1450	7.5	68	--	210	185	180	160	135
9023904	APS1500P	6"/DN150	15	30	1450	11	68	--	270	260	250	240	210
Code 400V/60Hz*	Model	Connection Size ANSI / DIN	Horsepower (hp)	Strainer Vol (L)	RPM	Power (kW)	Noise (dB)	Head (m)					
								6	8	10	12	14	16
								Flow Rate (m³/h)					
9023905	APS550P	4"/DN100	5.5	13	3400	4	78	85	80	70	65	50	40
9023906	APS750P	4"/DN100	7.5	13	3400	5.5	78	115	110	100	90	80	70
9023907	APS1000P	6"/DN150	10	30	1750	7.5	72	--	210	180	160	140	120
9023908	APS1500P	6"/DN150	15	30	1750	11	72	--	270	240	225	200	180
Code 230/460V 60Hz*	Model	Connection Size ANSI / DIN	Horsepower (hp)	Strainer Vol (L)	RPM	Power (kW)	Noise (dB)	Head (m)					
								6	8	10	12	14	16
								Flow Rate (m³/h)					
9023909	APS550P	4"/DN100	5.5	13	3400	4	78	85	80	70	65	50	40
9023910	APS750P	4"/DN100	7.5	13	3400	5.5	78	115	110	100	90	80	70
9023911	APS1000P	6"/DN150	10	30	1750	7.5	72	--	210	180	160	140	120
9023912	APS1500P	6"/DN150	15	30	1750	11	72	--	270	240	225	200	180

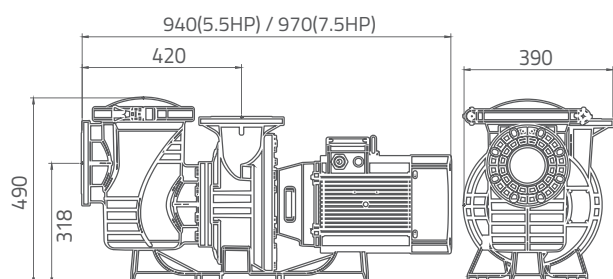
*Three phase model

Specification

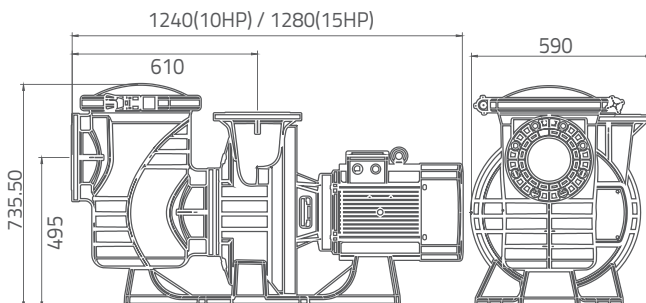
Motor	Premium Efficiency IE3 Class Motor	Water Proof	IPX5
Design Methodology	Advanced computer 3D design modeling for CFD analysis	Flow Rate	Up to 280m³/h
Design Reference (Applicable only)	ISO 5199 : 2002	Differential Head	Up to 22m
Operating Pressure	0-2 bar 25°C to 35°C	Speed	2 pole up to 2850 rpm 4 pole up to 1450 rpm
Temperature Range	0°C to 45°C (Water) 0°C to 45°C (Ambient)	Motor Insulation	Class F
Flange Standard	DIN (PN10) ANSI (Class150)		

Product Dimension

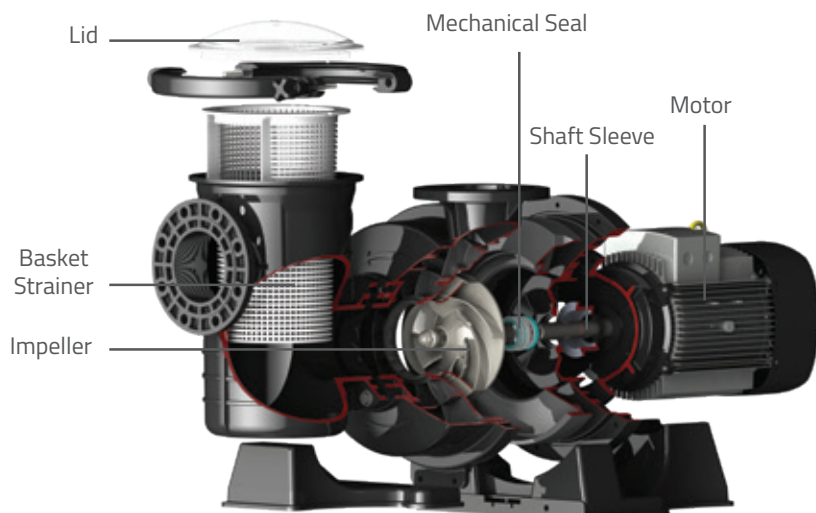
APS550P/APS750P



APS1000P/APS1500P



Self-Priming Pump: APS550P, APS750P
Centrifugal Pump: APS1000P and APS1500P

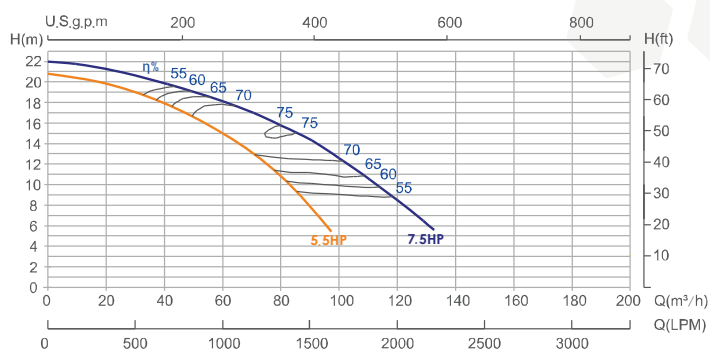


Material Table

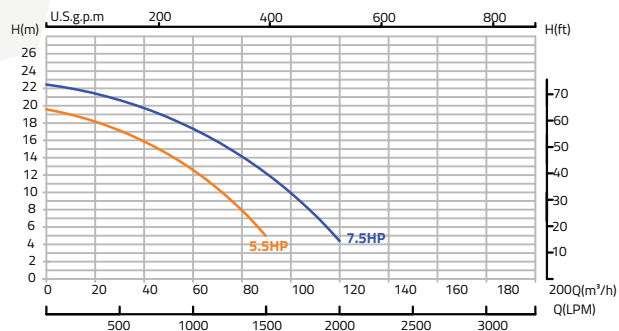
Items	Material
Motor Casing	Aluminum
Motor Bracket	Cast Iron
Shaft Sleeve	SS316
Mechanical Seal	SS316 + EPDM/ Ceramic/ carbon
Body	PP+GF
Basket	PP
Strainer	PPO+GF
Impeller	SS316 + PPO+GF
Base	PP+GF
Lid	PC

Technical Information

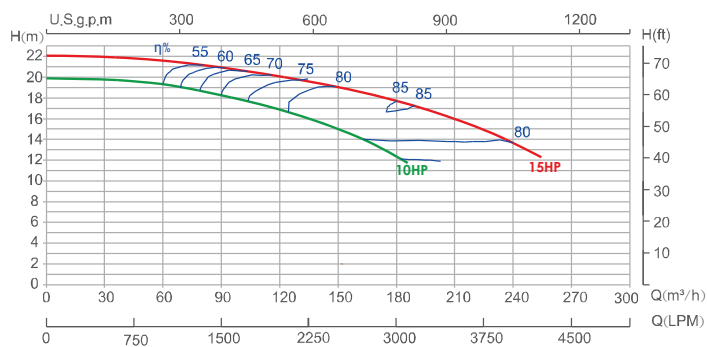
2850RPM 50Hz



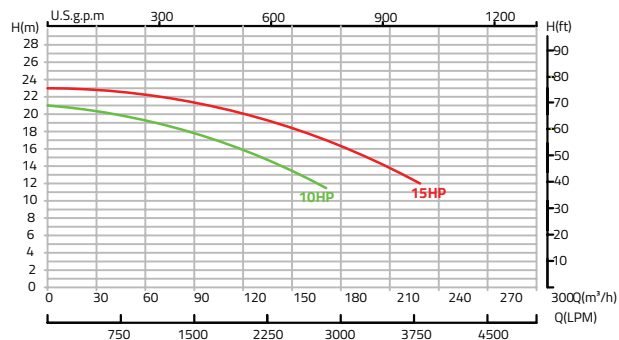
3400RPM 60Hz



1450RPM 50Hz



1750RPM 60Hz



Ultra-power Commercial Pump

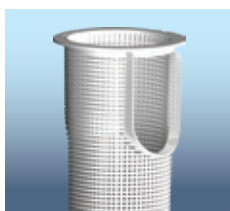
For commercial pools, spas, aquatic parks, and seawater facilities

SUPREME PERFORMANCE SELF-PRIMING PUMP

Ultra-Power is a series of high-performance pumps designed to achieve the highest flows among similar pumps on the market. By utilizing state-of-the-art engineering, the one-piece molded pump body with a large capacity 8-liter strainer basket makes it unique among all comparable pumps. Built with corrosion and chemical resistant glass-reinforced thermoplastic and superior seawater graded mechanical seal guarantee a long working life.



3" Union



8L Strainer Basket



IE3 Class TEFC Motor



One-piece Moulded
Pump Body



SS316+EPDM/ Ceramic/
Carbon Mechanical Seal



Specification:

1. Waterproof: IPX5
2. Self Priming: 3 m
3. Flow rate: Up to 110 m³/h
4. Working Voltage: 380-400Vac
5. Premium Efficiency IE3 Class Motor
6. Bearing: High temperature resistant up to 160°C

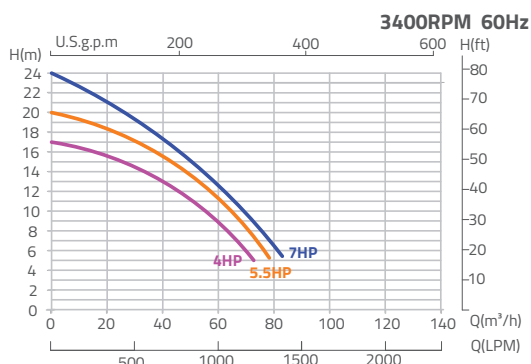
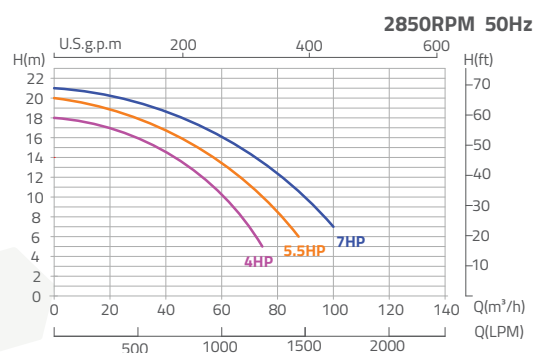
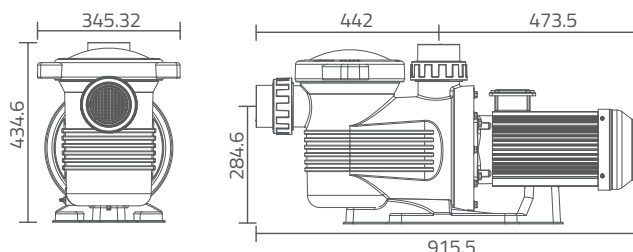


Product Video



Outstanding Hydraulic Performance. Highest Efficiency up to 80%

The Ultra-Power pump is Emaux's first commercial pump with a 3" union to achieve the hydraulic performance of more than 45 m³/h at 18m of head (7hp model). With a wide selection of power options (from 4, 5.5, 7hp) available in 3-phase motor, it becomes one of the most efficient and energy-saving solution for various range of the commercial pool and seawater facilities.



Product Information

Code 400V/50Hz*	Model	Connection Size	Horsepower (hp)	Strainer Vol (L)	RPM	Input Power (kw)	Noise (dB)	Current (AMP)	Head (m)					
									8	10	12	14	16	18
9024401	UPH400	3"/90mm	4	8	2850	3	70	5.5	64	62	53	42	30	---
9024402	UPH550	3"/90mm	5.5	8	2850	4	72	8	82	75	66	58	43	28
9024403	UPH700	3"/90mm	7	8	2850	5	72	10	96	90	82	72	60	45

Code 230V/460V 60Hz*	Model	Connection Size	Horsepower (hp)	Strainer Vol (L)	RPM	Input Power (kw)	Noise (dB)	Current (AMP)	Head (m)					
									8	10	12	14	16	18
9024404	UPH400	3"/90mm	4	8	3400	3	70	5.5	60	52	45	32	15	---
9024405	UPH550	3"/90mm	5.5	8	3400	4	72	8	70	65	58	50	38	22
9024406	UPH700	3"/90mm	7	8	3400	5	72	10	73	70	62	55	42	38

*Three phase

SE Series Commercial Iron Pump

For fresh water commercial pools

HEAVY DUTY APPLICATIONS

SE Series Commercial Iron Pump build to cater commercial usage (e.g Large-size swimming pool, spa pool, water feature, etc). Cast iron body with easy to clean large strainer basket. Stainless Steel or Metal Impellers options are available to match your need, range from 5.5 hp to 15 hp, suitable for heavy-duty commercial usage (e.g. Large size swimming pool, commercial spa pools and water features). Renowned ABB motor is used to ensure quiet and stable operation.

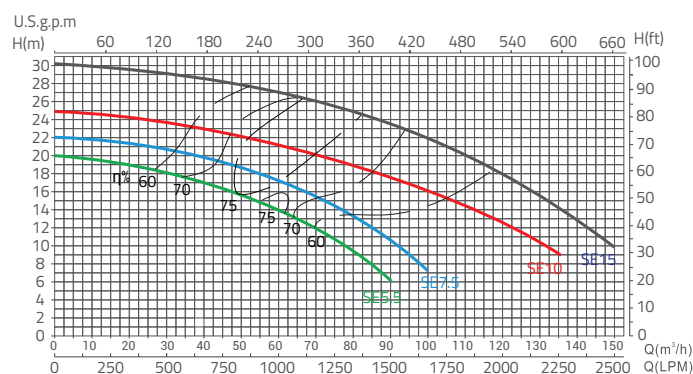


AISI-304 Stainless Steel Impeller

Product Features:

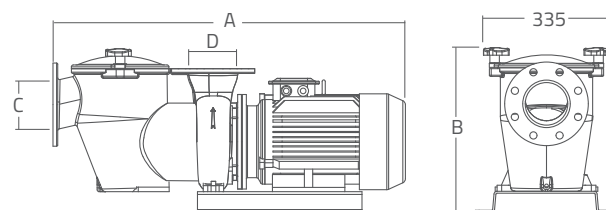
1. Cast iron body with AISI-304 stainless basket
2. Optional AISI-304 stainless steel or cast iron impellers depending on requirement.
3. Asynchronous, two-pole motor
4. Motor Insulation Class B
5. IPX5 Waterproof
6. Available in 400V/50Hz
7. Testing Pressure 50 psi (3.5 Bar)
8. Basket Volume 5 litres

Technical Information



Remark: The performance curve above is for 50Hz, 2850rpm models

Product Information and Dimensions



Model	Input (kW)	Current (AMP)	Noise (dB)	Head (m)					
				8	10	12	14	16	18
				Flow Rate (m³/h)					
SE5.5	4.70	7	72	83	75	70	60	45	25
SE7.5	6.40	9	76	100	92	85	75	65	45
SE10	8.60	14	75	135	130	120	112	95	80
SE15	12.40	18	78	160	150	142	135	120	110

Code 400V/50H* (Cast iron impeller)	Code 400V/50H* (SS304 impeller)	Model	Connection Size	Horsepower	Output power (kW)	Voltage	Weight (kg)	A mm	B mm	C mm	D mm
9021005	9021006	SE5.5	3" / 90mm	5.5hp	4.0	380-420	95	860	415	DN80	DN80
9021007	9021008	SE7.5	3" / 90mm	7.5hp	5.5	380-420	100	860	415	DN80	DN80
9021001	9021002	SE10	4" / 110mm	10hp	7.5	380-420	118	915	445	DN100	DN100
9021003	9021004	SE15	4" / 110mm	15hp	11.0	380-420	130	945	445	DN100	DN100

*Three phase



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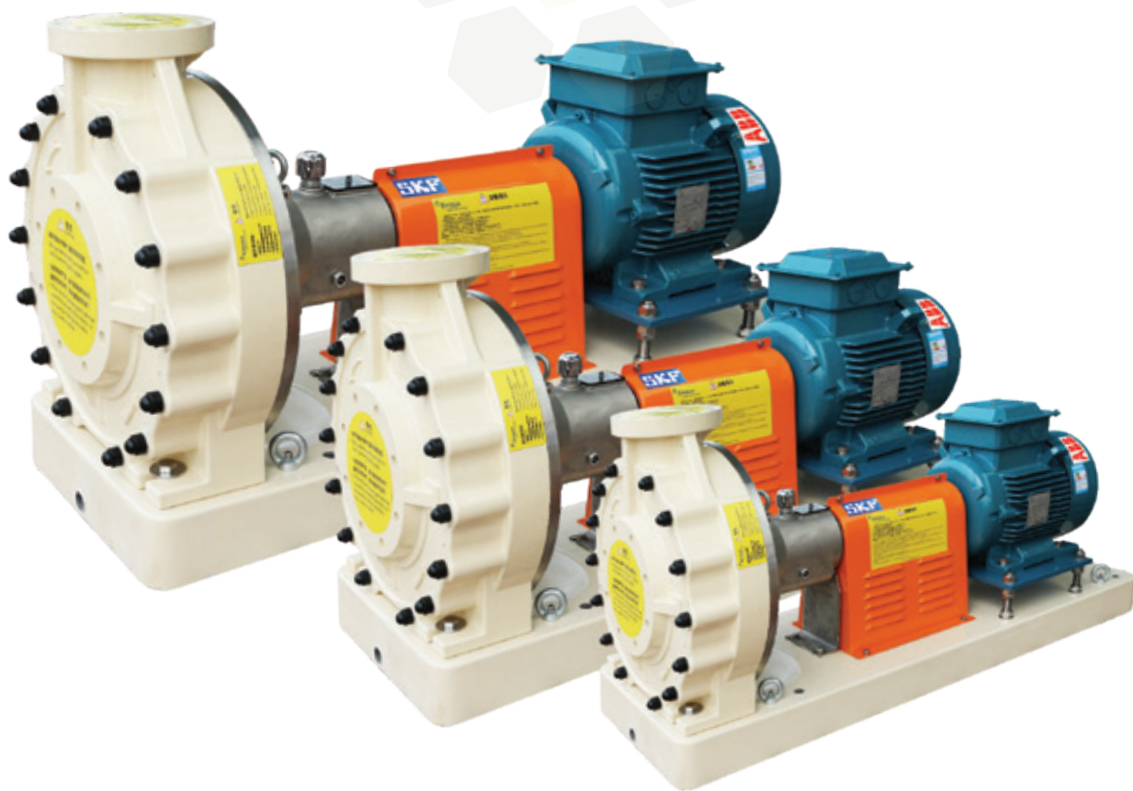
SWP Series Corrosion Resistant FRP Pump

For seawater & water with corrosive compounds applications

STRONG RESISTANCE TO CORROSIVE LIQUIDS

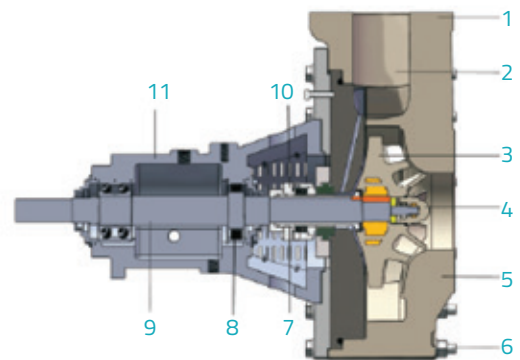
SWP Series Pump combines materials and manufacturing technology to provide strong resistance to corrosive liquids and the reliability to work under extreme environments.

The SWP pump is a Single Stage, End Suction, Horizontal Centrifugal Pump, designed to ISO 5199-2002 Standards for Chemical Process Pumps. The pumps are designed with vertical centerline discharge and back pull-out construction. All wet parts are corrosion resistant and non-metallic.



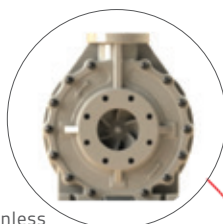
Product Features:

1. Compliance with European DIN Standard
2. Smooth hydraulic passages to increase pump efficiency
3. Tapered polygon impeller provides high capacity and greater efficiency
4. Externally adjustable impeller clearance provides ease of maintenance and maximum efficiency
5. All wet parts in either Vinyl or Ester Epoxy Resin provide better chemical resistance
6. Bolts through casing ensure O-ring seal integrity under all hydraulic operating conditions
7. Integral shaft sleeve design protects the pump shaft from exposure to fluids
8. Large Swedish made SKF bearings ensure long operation life
9. Heavy-duty shaft minimizes deflection to maximize mechanical seal life
10. External type AISI-316L mechanical seal for highly corrosive fluids, static and rotating ring in SiC and Spring
11. Polyester thermosetting powder coated power frame construction prevent external corrosion
12. Coupled to ABB Motor. Optional earthing rings or insulated bearings prevent bearing erosion when installing with VFD for the electric motor speed control.
13. IPX5 Waterproof

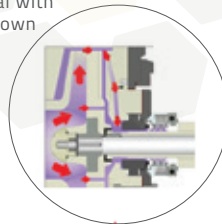


Advantage on Design

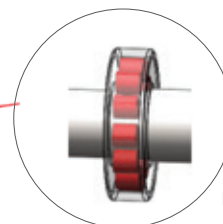
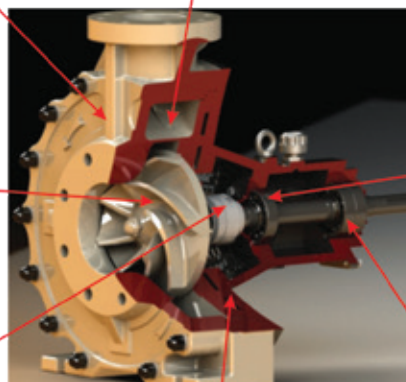
Compared with Stainless Steel, Fiberglass has better anti-corrosion effects.



Mechanical Seal with Internal Cool Down and Clean Up Channel



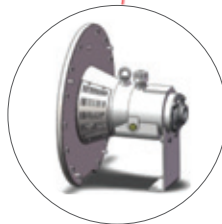
High Efficient Impeller



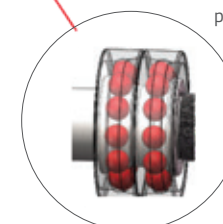
High Efficient SKF Ball Bearings provide longer life compared with conventional Ball Bearings



External type AISI-316L mechanical seal for highly corrosive fluids, static and rotating rings in SiC, spring and Polyester thermosetting powder coated power frame construction to prevent external corrosion.

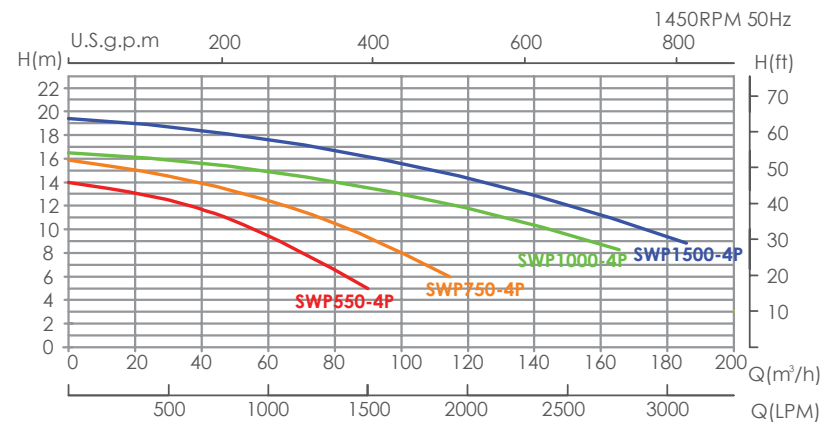
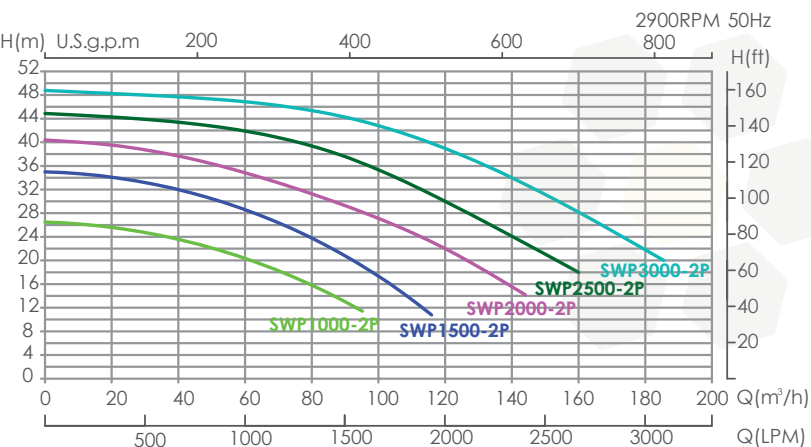
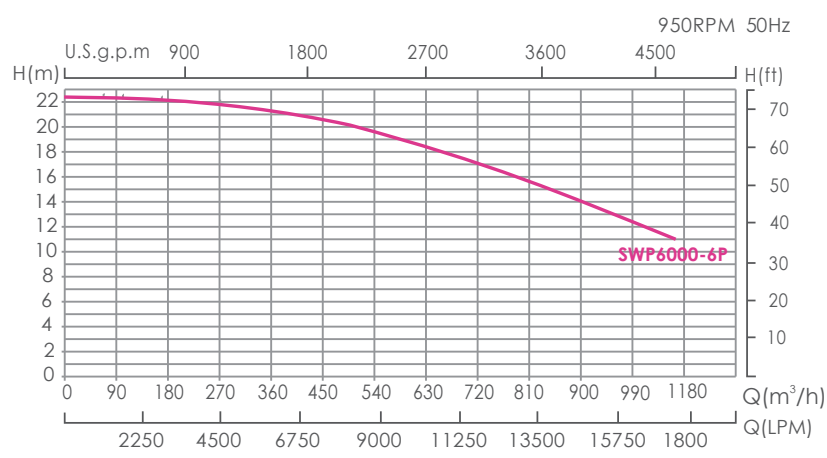


316 L Stainless Steel with corrosion resistance

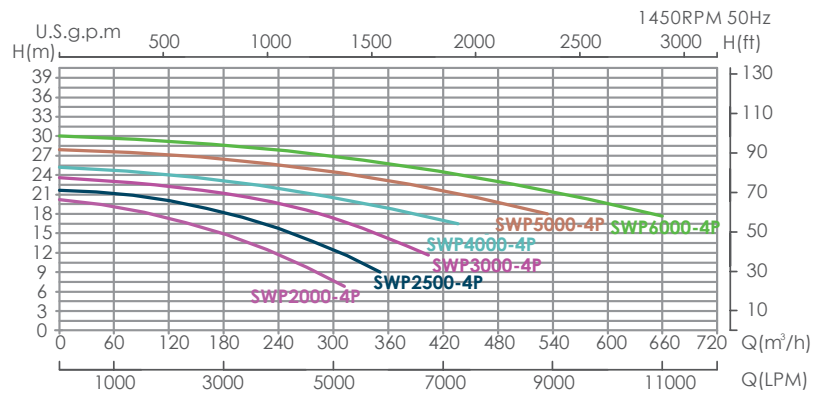


Double Row Ball Bearings enhance efficiency and provide power savings to extend product life

Technical Information



Technical Information

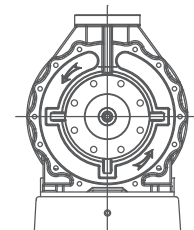
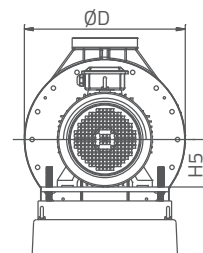
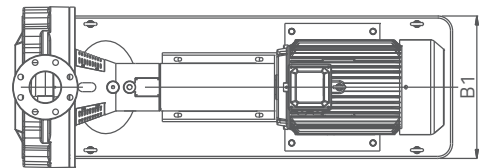
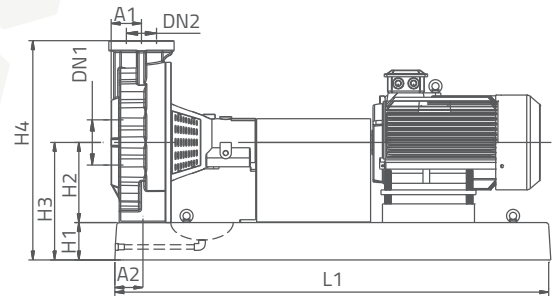


Product Dimension

Body (Motor - 4P)	L1	B1	H1	H2	H3	H4	H5	DN1	DN2	ØD	A1	A2
				(mm)				(inch / mm)			(mm)	
100 x 80	1200	420	100	210	310	590	112	4"/100	3"/80	458	102	78
100 x 80	1200	420	100	210	310	590	132	4"/100	3"/80	458	102	78
150 x 100	1450	480	100	254	354	697	132	6"/150	4"/100	540	102	78
150 x 100	1450	480	100	254	354	697	160	6"/150	4"/100	540	102	78
200 x 150	1530	570	100	368	468	874	160	8"/200	6"/150	700	152	93
200 x 150	1530	570	100	368	468	874	180	8"/200	6"/150	700	152	93
300 x 250	2032	600	100	457	557	1217	280	12"/300	10"/250	1003	197	203

Technical Information

Code	Model	Inlet x Outlet x Impeller Dia (mm)	RPM	Power	Weight (kg)
9023516	SWP6000-6P	300 x 250 x 405	950	60.0hp 45.0kW	1020
9023503	SWP550-4P	100 x 80 x 205	1450	5.5hp 4.0kW	285
9023504	SWP750-4P	100 x 80 x 220	1450	7.5hp 5.5kW	300
9023505	SWP1000-4P	150 x 100 x 225	1450	10.0hp 7.5kW	417
9023506	SWP1500-4P	150 x 100 x 250	1450	15.0hp 11.0kW	480
9023501	SWP2000-4P	200 x 150 x 250	1450	20.0hp 15.0kW	647
9023502	SWP2500-4P	200 x 150 x 265	1450	25.0hp 18.5kW	677
9023509	SWP3000-4P	200 x 150 x 280	1450	30.0hp 22.0kW	694
9023511	SWP4000-4P	200 x 150 x 295	1450	40.0hp 30.0kW	763
9023518	SWP5000-4P	200 x 150 x 310	1450	50.0hp 37.0kW	796
9023510	SWP6000-4P	200 x 150 x 325	1450	60.0hp 45.0kW	828
9023507	SWP1000-2P	100 x 80 x 155	2900	10.0hp 7.5kW	322
9023508	SWP1500-2P	100 x 80 x 170	2900	15.0hp 11.0kW	345
9023517	SWP2000-2P	100 x 80 x 185	2900	20.0hp 15.0kW	358
9023519	SWP2500-2P	100 x 80 x 200	2900	25.0hp 18.5kW	377
9023520	SWP3000-2P	100 x 80 x 215	2900	30.0hp 22.0kW	403



Basket Strainer

For swimming pools, aquatic parks, aquariums & zoos, and water treatment

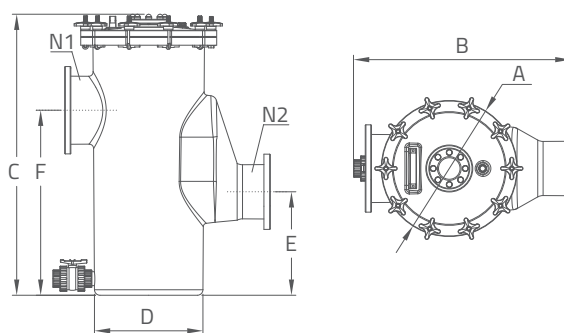
STOPS LARGE SOLIDS

Commercial basket strainer is designed to be installed with the Emaux SWP Series FRP Pump for the best performance of the water circulation system. The basket strainers are suitable for both saltwater and freshwater systems.



A ROBUST AND DURABLE PRE-FILTER

The strainer comes with a heavy-duty PP basket that acts as a pre-filter for the protection of the pumps, meters, and valves. It is typically installed prior to the pump to catch large, solid impurities.



Product Information

Code	Model	Diameter A (mm)	Length B (mm)	Height C (mm)	Diameter D (mm)	Length E (mm)	Length F (mm)	Inlet Flange N1 GB (mm)	Outlet Flange N2 GB (mm)	Capacity (m³/h)
9210413	MER150-100S	565	965	992	440	310	593	150	100	123
9210412	MER200-150S	565	985	1124	440	354	705	200	150	192
9210411	MER250-200S	615	990	1271	490	468	837	250	200	301
9210410	MER300-200S	615	990	1271	490	468	837	300	200	447

WBR Series Spa Pump NEW

Connects to different kinds of bath tub & spa

EFFICIENT PERFORMANCE & SUPERIOR RELIABILITY

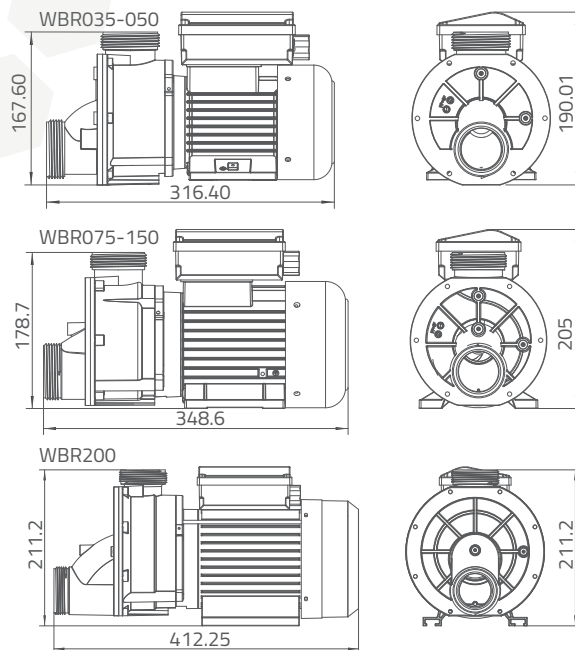
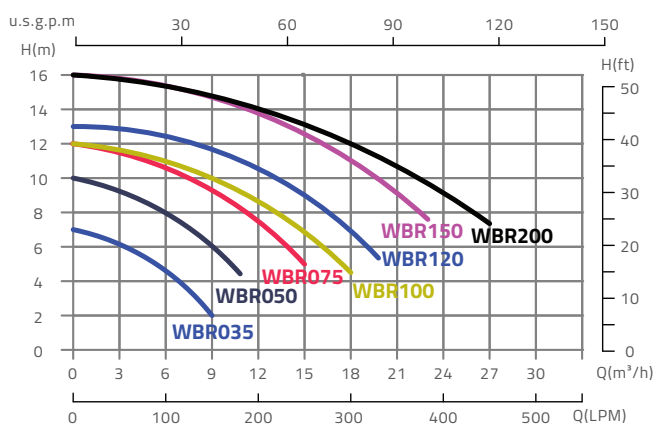
The Emaux WBR Series Spa Pump is designed for durability and efficiency, crafted from high-quality materials to ensure reliability in any spa setting. This pump not only offers exceptional functionality but also adds a touch of style to your setup. With a straightforward installation process and intuitive controls, you can easily customize your experience to suit your needs.



Product Features:

1. Motor insulation rated Class B
2. IPX5 Waterproof standard
3. Built-in thermal protection
4. 316 stainless steel mechanical seal
5. High-temperature designs suitable for up to 50°C

Product Dimensions and Technical Information



Code	Model	Qmax LPM [GPM]	Hmax (m)	Power	Input Power kW [HP]	Current (A)	Connection Size	Weight (kg)
9024501	WBR035	150 [40]	7.5	220V-240V, 50Hz	0.25 [0.35]	1.6	50 or 1½"	5.1
9024502	WBR050	180 [48]	10	220V-240V, 50Hz	0.37 [0.5]	2	50 or 1½"	5.9
9024503	WBR075	250 [66]	12	220V-240V, 50Hz	0.55 [0.75]	3.2	50 or 1½"	7.9
9024504	WBR100	300 [79]	12	220V-240V, 50Hz	0.75 [1]	3.8	50 or 1½"	8.6
9024505	WBR120	335 [88]	13	220V-240V, 50Hz	0.9 [1.2]	4.6	50 or 1½"	9.1
9024506	WBR150	380 [100]	16	220V-240V, 50Hz	1.1 [1.5]	5.8	50 or 1½"	11.5
9024507	WBR200	450 [119]	16	220V-240V, 50Hz	1.5 [2]	7	50 or 1½"	13

SPR Series Spa Pump NEW

Connects to different kinds of bath tub & spa

EFFORTLESS EFFICIENCY & ULTIMATE FUNCTIONALITY

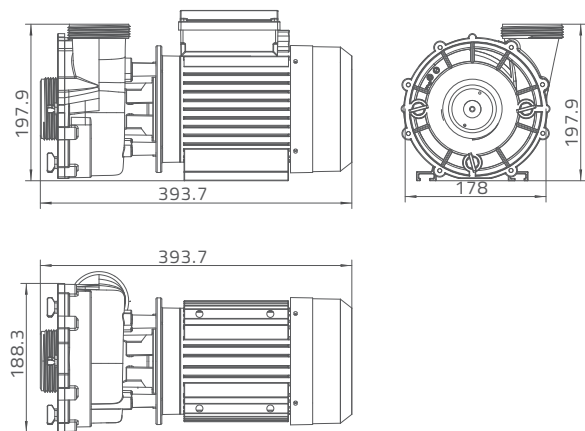
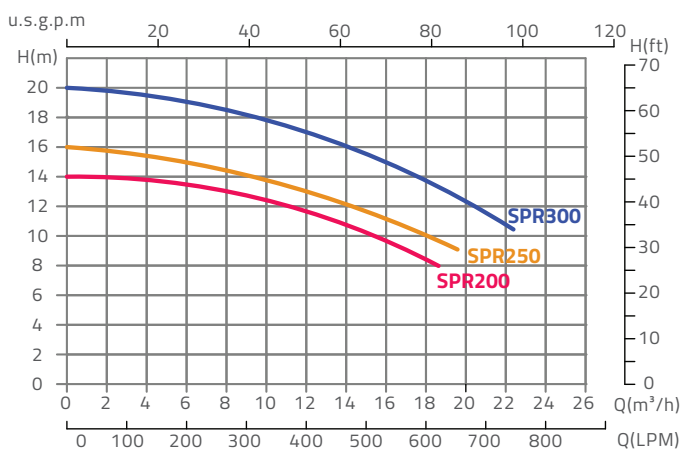
The Emaux SPR Series pump is built for durability and efficiency, constructed with high-quality materials, making it a reliable addition to any spa while providing both functionality and style. Its easy installation process and user-friendly controls allow you to customize your experience effortlessly.

Product Features:

- 1. Motor insulation rated Class B
- 2. IPX5 Waterproof standard
- 3. Built-in thermal protection
- 4. 316 stainless steel mechanical seal
- 5. High-temperature designs suitable for up to 50°C



Product Dimensions and Technical Information



Code	Model	Qmax LPM [GPM]	Hmax (m)	Power	Input Power kW [HP]	Current (A)	Connection Size	Weight (kg)
9022501	SPR200	620 [164]	14	220V-240V, 50Hz	1.5 [2]	7	63mm or 2"	15.3
9022502	SPR250	670 [177]	16	220V-240V, 50Hz	1.85 [2.5]	9	63mm or 2"	16.3
9022503	SPR300	730 [193]	18	220V-240V, 50Hz	2.2 [3]	10	63mm or 2"	18



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ABR Series Air Blower

NEW

Connects to different kinds of bath tub & spa

COMPACT DESIGN & MAXIMUM EFFICIENCY

The Emaux ABR Series Air Blower is a cutting-edge solution designed to elevate your spa and pool experience. Engineered for powerful performance, this air blower delivers consistent, high-volume airflow, ensuring optimal operation for your spa and enhancing the overall relaxation experience. Its compact design allows for easy installation, making it a versatile choice for both residential and commercial settings. Built with high-quality materials, it ensures durability and longevity, making it a reliable addition to your spa system.

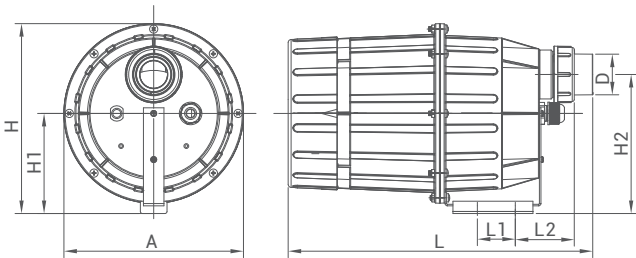
Product Features:

- 1. Motor insulation rated Class B
- 2. Pneumatic control available
- 3. Built-in thermal protection
- 4. Blower protection made of reinforced ABS specially resistant to high temperatures
- 5. Compatible with numerous spa brands



Product Dimensions

Model	Outlet			L1 (mm)	A (mm)	H (mm)	H1 (mm)	H2 (mm)
	L (mm)	L2 (mm)	D (inch)					
ABR200	282.5	71	1"	37	φ145	157	84.5	114.5
ABR300	282.5	71	1"	37	φ145	157	84.5	114.5
ABR400	297	75.5	1"	37	φ175	185	97.5	135.6
ABR700	297	75.5	1"	37	φ175	185	97.5	135.6
ABR900	297	75.5	1"	37	φ175	185	97.5	135.6

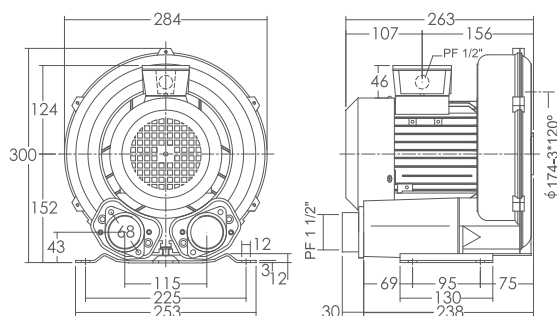


Code	Model	Voltage	Input Power (W)	Max Pressure (Mpa)	Air volume (m³/min)	Current (A)	Jets Qty (pcs)	Recommended water depth (m)	Weight (kg)
9060101	ABR200	220V-240V, 50Hz	200	0.008	1.1	1.2	6 - 12	0.3	1.8
9060102	ABR300	220V-240V, 50Hz	300	0.011	1.3	1.7	8 - 16	0.4	1.8
9060103	ABR400	220V-240V, 50Hz	400	0.015	1.7	2.5	12 - 24	0.6	2.6
9060104	ABR700	220V-240V, 50Hz	700	0.020	2.2	3.3	16 - 32	0.8	2.6
9060105	ABR900	220V-240V, 50Hz	900	0.025	2.4	4.5	20 - 40	1	2.6

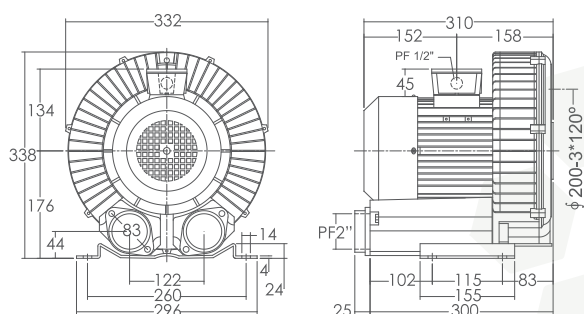
Air Blowers

For both commercial and portable spa

HB Series Commercial Air Blower



HB10 & HB15



HB20



CREATE BUBBLE STREAM TO YOUR POOL

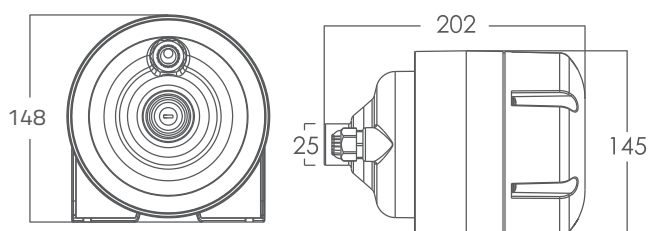
1. Continuous duty rating with quality motors
2. Blowers are CE certified and can be customized for any application
3. High-temperature designs for up to 50°C
4. Assorted coatings and platings for corrosive environments
5. Available for 50Hz and 60Hz

Code 220V/50Hz	Model	Rated Output (kW)	Voltage (V)	Current (A)	Voltage (V)	Current (A)	Max Volume (m³/min)	Noise (dB)	Weight (kg)	Static Pressure Vacuum Compressor (mbar)	Relief Value (Pressure) (Type)	Suction Filter
88080304	HB10	0.75	110-120	11	220-240	5.5	2.4	63	16.5	140/160	01*1 /01*1	MF12
88080305	HB15	1.1	----	--	220-240	7.0	2.4	63	16.5	160/190	01*1 /01*1	MF12
88080306	HB20	1.5	----	--	220-240	10	3.6	70	26	180/190	01*1 /01*1	MF16

AB Series Economy Air Blower

AB Series Air Blower can be used for bath tubs or spa tubs

Code 220V/50-60Hz	Code 110V/50-60Hz	Model	Power (W)	Max Volume (m³/min)	Weight (kg)	Max Pressure (Mpa)
88080201	88080101	AB350	350W	1.2	1.8	0.012
88080202	88080102	AB450	450W	1.5	1.8	0.014
88080203	88080103	AB550	550W	1.8	2.0	0.016



Pump Control Box

Suitable for pool & spa pump

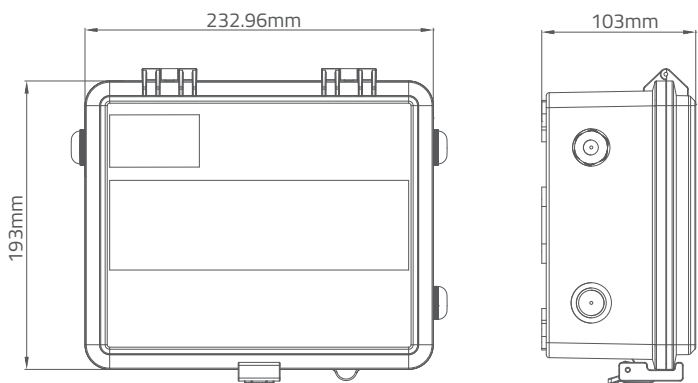
AN EASY TO USE, FULLY FEATURED CONTROLLER

- manual and timer modes
- flexible control and safety protection



Product Information

Code	Model	Description
88330101	KZD2200	Pump Control Box 2.2kW / 220V - 50Hz / 60Hz - AC
88330201	KZD2200	Pump Control Box 2.2kW / 110V - 50Hz / 60Hz - AC



Product Features:

1. Maximum load of 2.2kW with power indicator
2. Made from durable ABS material
3. Suitable for pool & spa pump
4. Electrical overload & leakage protection
5. Manual mode and timer modes for controlling the operation time
6. Weatherproof: IP65 rating suitable for outdoor use



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