

ENVIROMAX

VARIABLE SPEED POOL PUMPS

The next level of swimming pool protection.

The new EnviroMAX® Variable Speed Pumps bring the remarkable energy cost savings of variable speed technology to everyday pools up to 100,000 litres. They dramatically reduce energy costs by moving water more efficiently at lower speeds.



Slash your energy use by 70%

EnviroMAX pumps deliver energy savings and the power when you need it. You will also have the peace of mind that you are doing your bit for the environment and reducing your carbon foot print.



EnviroMAX pool pumps deliver energy savings and the power when you need it!



THE BENEFITS OF VARIABLE SPEED AND STEP TECHNOLOGY

EnviroMAX pumps use brushless, permanent magnet motors which offer high efficiency levels compared with conventional induction motors. Combined with the latest in electronic control, this allows the motor/pump to run at varying speeds.

Step Technology allows you to select a duration for each speed setting and automatically switches to the next speed/step after the time is up. This allows you to fine tune your pool filtration and circulation and get the most from your variable speed pump.

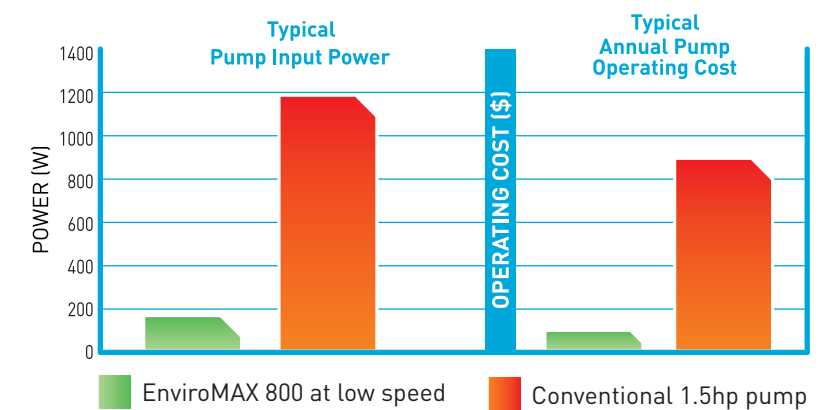
KEY FEATURES

- ▶ **Powerful Head and Flow** - Increased head and flow makes pump suitable for spa jets, in-floor cleaning and other high demand applications.
- ▶ **Adjustable Priming** - Set desired priming speed or deactivate altogether.
- ▶ **Digital Control Input** - For connection to automation systems.
- ▶ **Tough and Durable** - Made from Dura-Glas™ composite, reinforced, resin. UV and weather resistant.
- ▶ **Quiet Operation** - Our quietest EnviroMAX® yet.
- ▶ **Precision-Fit Components** - Precision engineering for quality, reliability and efficiency.
- ▶ **Step Advance** - Feature gives a duration setting for each speed and automatically moves to the next speed, for up to 24 hours of program. (1500W model only).
- ▶ **Power Factor Correction** - Some variable speed pumps have low power factors, which gives dirty power that your power company can charge you, up to, double for. EnviroMAX® has a power factor >0.9 which means the power consumption shown on our energy label, is what you are actually charged for*. (1500W model only).

Energy label power consumption is achieved when running at operating points specified on the label. Conditions vary from site to site.



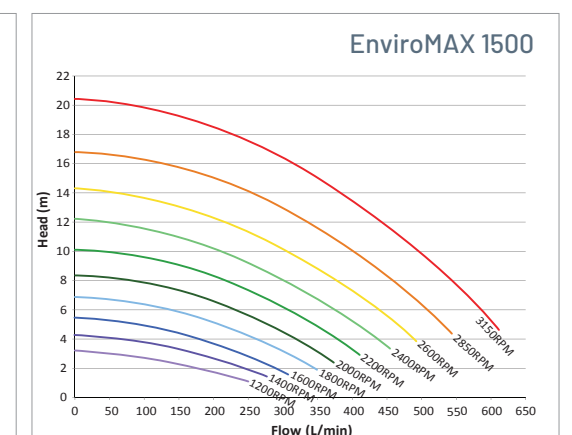
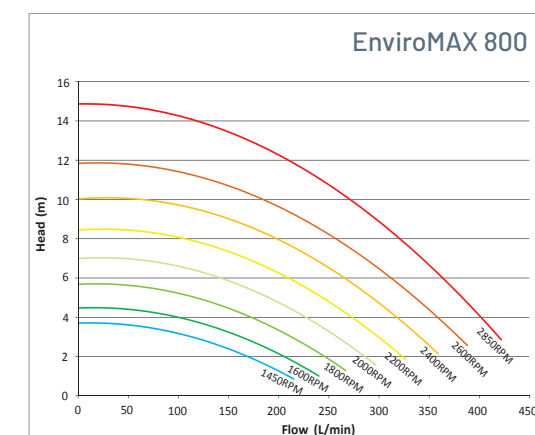
SAVINGS COMPARISON



Other pumps		Sta-Rite ENVIROMAX 800		
Existing Pump	Annual operating cost*	Annual operating cost	Annual saving	Annual reduction in CO ₂ emissions
1.5HP	\$912	\$70	\$842	3370Kg
1.0HP	\$657	\$70	\$587	2246Kg

* Calculation based on typical pump performance data with running time of 8hrs per day, 365 days per year and \$0.29 per kW/hr. EnviroMAX cost based on EnviroMAX 800 running time for 1 turnover of a 75,000L pool and off-peak rates \$0.14 kW/hr. Actual savings will vary depending on pool system configuration and usage. Pentair takes no responsibility if advertised savings are not achieved.

PERFORMANCE



The new EnviroMAX® adds higher output so you can do more; filtration, spa jets, water features and even in-floor cleaning.



ENVIROMAX 800



	LOW	MED	HIGH	ADJUSTABLE RANGE
RPM	1450	2400	2850	1000-2850
Max. motor input power P₁	160W	595W	975W	
Max. motor output power P₂	130W	475W	800W	
Max. Current	1.3A	4.4A	6.5A	
Voltage	230-240V 50Hz single phase			
Max. Rating	2850RPM, 975W, P ₂ 800W, 6.7A			
Motor type	Brushless, Radial flux, permanent magnet, DC			
Ingress protection	IP25			
Inlet connection	ABS Barrel Union to suit 50mm PVC pressure pipe to AS/NZS 1477			
Outlet connection	ABS Barrel Union to suit 50mm PVC pressure pipe to AS/NZS 1477			
Max. Water temperature	40°C			
Max. Ambient temperature	50°C			
Sound power level (Lwa)	LOW: 57.5dB - MED.: 65.2dB - HIGH: 69.3dB			

Built in Time-Clock with battery back-up, allows EnviroMAX® to be used as standalone pool pump. (1500W model only)



ENVIROMAX 1500



	LOW	HIGH	MAX
RPM	1250	2510	3150
Max. motor input power P₁	150W	990W	1960W
Max. motor output power P₂	125W	880W	1665W
Max. Current	1.5A	4.4A	8.8A
Voltage	230-240VAC 50Hz single phase		
Max Total Head / Working Pressure	21m / 260kPA		
Motor type	Axial flux, permanent magnet, 6P		
Ingress protection	IPX6		
Inlet connection	ABS Barrel Union to suit 50mm PVC pressure pipe to AS/NZS 1477		
Outlet connection	ABS Barrel Union to suit 50mm PVC pressure pipe to AS/NZS 1477		
Max. Water temperature	5°C - 40°C		
Max. Ambient temperature	55°C		
Sound power level (Lwa)	LOW: 56dB - MED.: 63dB - HIGH: 72dB		



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