



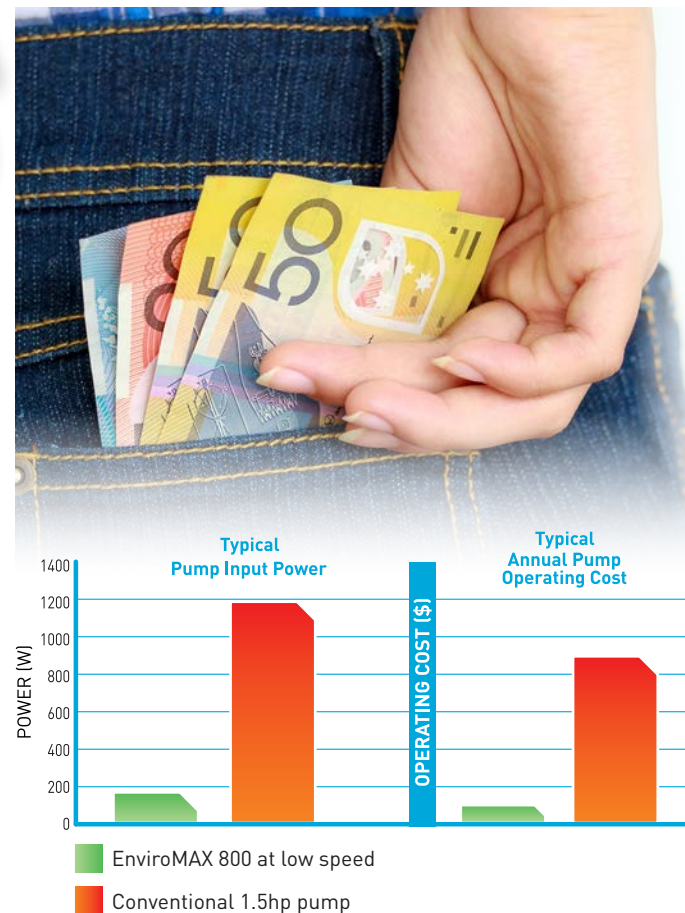
# SLASH ENERGY USE BY **70%** AND **SAVE**



## THE BENEFITS OF VARIABLE SPEED & 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.



Other pumps		Sta-Rite ENVIROMAX 800		
Existing Pump	Annual operating cost*	Annual operating cost	Annual saving	Annual reduction in CO <sub>2</sub> 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.



# ENVIROMAX VARIABLE SPEED PUMPS

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Pumps / Filters / Heaters / Heat Pumps / Cleaners / Sanitizers / Automation / White Goods / Water Features / Maintenance Products  
L300295

# ENVIROMAX

## FEATURES AND BENEFITS

The Sta-rite EnviroMAX pumps are ideal for new or existing pools. Utilising advanced hydraulic design and the latest technology in permanent magnet, variable speed motors, the Sta-rite EnviroMAX pumps have the perfect combination of efficiency and performance.

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.

- ▶ Variable speed pumps, with up to 4 programmable speeds, allows you to effortlessly select the most efficient setting to meet your filtration, cleaning and water feature needs.
- ▶ Brushless, permanent magnet motors deliver high efficiency, low noise levels and servcability.
- ▶ Fault protected motors prevent damage by automatically shutting down the motor in the event of a locked rotor, under-voltage, over-voltage or over-current condition and will automatically reduce the speed during an over temperature condition.
- ▶ Precision-fit internal components and superior hydraulic design deliver effortless performance, energy savings and extended pump life.
- ▶ Constructed of our durable, thermoplastic, composite resin, so you can be sure it will stand up to the harshest conditions.
- ▶ The Cam and Ramp™ lid is easy to remove and locks in place with a quarter turn, making inspection and cleaning a breeze.
- ▶ The high-capacity trap holds a large amount of debris, so you clean less often. Quick-disconnect plumbing unions.



The EnviroMAX Variable Speed pumps have earned the Eco Select brand distinction as some of the "greenest" and most efficient choices from Pentair. Eco Select products are designed to help you save energy, conserve water, eliminate or reduce noise, or otherwise contribute to a more environmentally responsible equipment system.

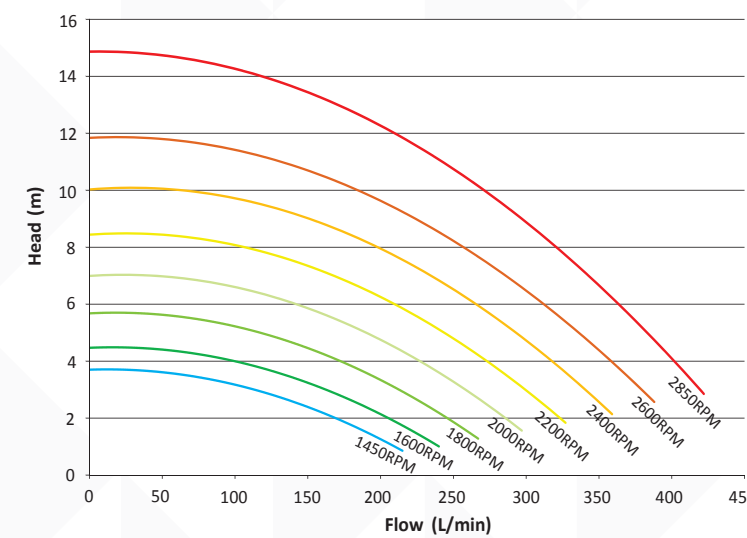


# ENVIROMAX 800

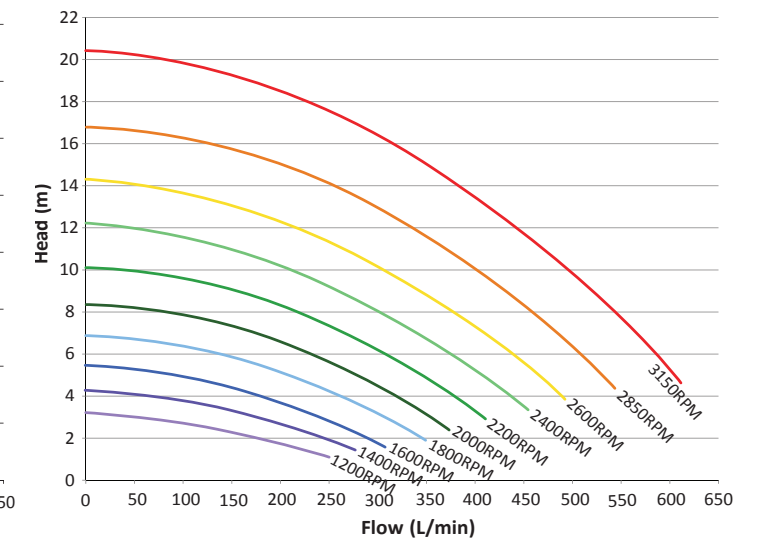
	LOW	MED	HIGH	ADJUSTABLE RANGE
<b>RPM</b>	1450	2400	2850	1000-2850
<b>Max. motor input power P<sub>1</sub></b>	160W	595W	975W	
<b>Max. motor output power P<sub>2</sub></b>	130W	475W	800W	
<b>Max. Current</b>	1.3A	4.4A	6.5A	
<b>Voltage</b>	230-240V 50Hz single phase			
<b>Max. Rating</b>	2850RPM, 975W, P2 800W, 6.7A			
<b>Motor type</b>	Brushless, Radial flux, permanent magnet, DC			
<b>Ingress protection</b>	IP25			
<b>Inlet connection</b>	ABS Barrel Union to suit 50mm PVC pressure pipe to AS/NZS 1477			
<b>Outlet connection</b>	ABS Barrel Union to suit 50mm PVC pressure pipe to AS/NZS 1477			
<b>Max. Water temperature</b>	40°C			
<b>Max. Ambient temperature</b>	50°C			
<b>Sound power level (Lwa)</b>	LOW: 57.5dB - MED.: 65.2dB - HIGH: 69.3dB			

# ENVIROMAX 1500

	LOW	MED	HIGH	OVERRIDE
<b>RPM</b>	1400	2200	3000	3150
<b>Max. motor input power P<sub>1</sub></b>	235W	750W	1840W	2100W
<b>Max. motor output power P<sub>2</sub></b>	188W	600W	1470W	1700W
<b>Max. Current</b>	1.2A	3.4A	8A	9.6A
<b>Voltage</b>	230-240VAC 50Hz Single phase			
<b>Motor type</b>	Brushless, Axial flux, permanent magnet, DC			
<b>Ingress protection</b>	IPX6			
<b>Inlet connection</b>	ABS Barrel Union to suit 50mm PVC pressure pipe to AS/NZS 1477			
<b>Outlet connection</b>	ABS Barrel Union to suit 50mm PVC pressure pipe to AS/NZS 1477			
<b>Max. Water temperature</b>	40°C			
<b>Max. Ambient temperature</b>	55°C			
<b>Sound power level (Lwa)</b>	LOW: 69dB - MED.: 63dB - HIGH: 57dB			



EnviroMAX 800 Performance Chart



EnviroMAX 1500 Performance Chart