

Spa Heating: Myths and Facts

Sundance Spas have a long history of industry leading innovation. Pump and heating efficiencies are in-built at the factory allowing for some of the industry's lowest running and ownership costs.

Over the years Sundance Spas have investigated, tested and trialed every conceivable form of heating and circulating option available, from solar to gas and heat pumps.

Currently it has been identified that as long as you have an extremely well insulated spa and an industry leading electric heater, there is no way to improve on the long-term ownership costs.

Although some heat sources such as gas and heat pumps will give a lower cost per kWh input, this is always more than nullified by service and installation charges as well as the inconvenience involved such as remote mounted heaters outside of the spa cabinet.

Where a spa can perhaps benefit is if the heater is not sized to be able to give a good recovery time or maintain temperature in the spa. This occurs when a spa heater is sized to make the spa a "plug in" unit. When this happens the heater size is generally limited to a 1 or 1.5kw heater, which will struggle to maintain temperature with the cover off the spa, and can give long recovery or initial heat up times.

Because often marketing gets mixed up with fact, there may be different opinions. The best way to confirm which system is best for your needs is to consult a specialist and also make sure you get everything in writing. This should include prices for the installation of everything as well as ongoing service and maintenance costs, the expected service schedule as well as the running costs and expected lifetime of the unit. Also it should be noted if a non-factory fitted item is installed/added it may have an impact on the warranty of the spa.

The next page gives the approximate running costs of each of the Sundance Spa models at typical current (2015) pricing of 24c per kWh.

Spa Size	Aspen	<p>Estimated monthly cost is based on CEC test protocol for standby power consumption only. Test results measured in a controlled environment based on a kilowatt rate per hour of \$0.24 (typical 2015 NZ pricing) and rounded to the nearest dollar. Local and future energy rates, local conditions and individual use will alter these estimated monthly costs. For complete CEC test protocol and results visit http://www.energy.ca.gov. Spa Temperature 101°F / 38°C</p>				
Running Costs	7 to 8					
With Ecowrap	\$50					
	-					
Spa Size	Optima	Chelsee	McKinley	Maxxus	Constance	
Running Costs	6 to 7	6 to 7	6 to 7	6	6	
With Ecowrap	\$48	\$42	\$48	\$56	\$32	
	\$30	-	-	\$36	-	
Spa Size	Peyton	Edison	Hamilton	Certa	Cameo	
Running Costs	6	6	5 to 6	5 to 6	5 to 6	
With Ecowrap	\$44	\$38	\$44	\$38	\$44	
	-	-	\$29	\$26	\$37	
Spa Size	Majesta	Ramona	Altamar	Victoria	Marin	
Running Costs	5 to 6	5 to 6	5 to 6	5	4 to 5	
With Ecowrap	\$39	\$45	\$44	\$33	\$39	
	\$30	-	\$28	-	\$27	
Spa Size	Denali	Montclair	Dover	Capri	Tacoma	
Running Costs	4	4	2 to 3	2 to 3	2	
With Ecowrap	\$28	\$36	\$32	\$35	\$23	
	-	\$21	\$22	\$26	-	