



## YOUR SPA POOL



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# ENERGY EFFICIENCY CHECKLIST

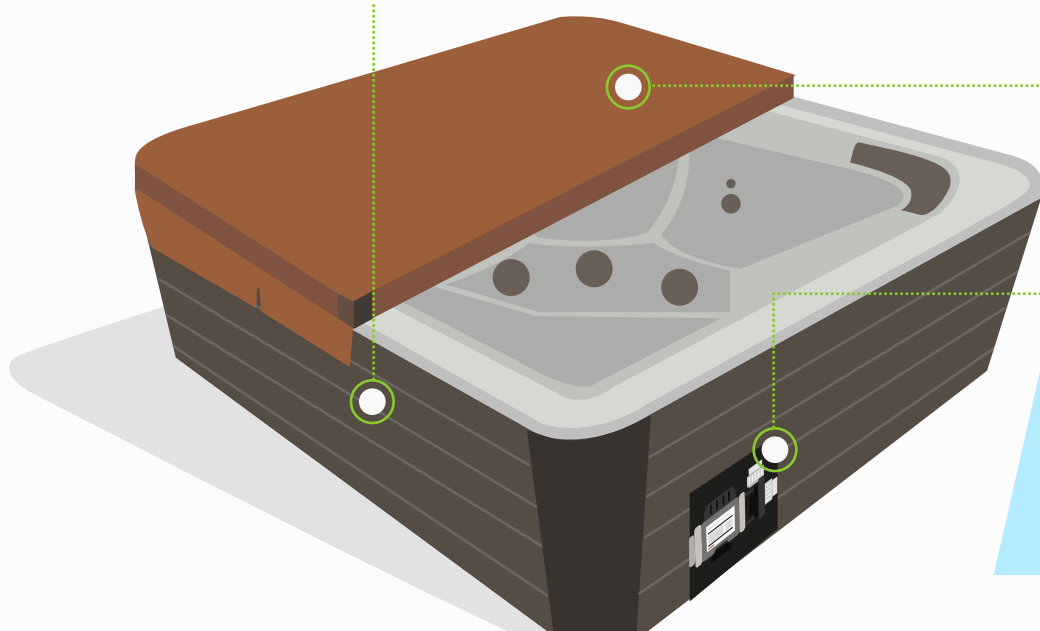
## How much will it cost to operate your new spa pool?

Your ongoing energy costs will depend on a number of factors, including the ambient temperature outside, the size of the spa pool, and the frequency of use. The most energy-efficient spas on the market often cost around \$30 NZD per month (as little as \$1 per day). While less efficient models can be more costly.

## USE THIS CHECKLIST AS YOUR GUIDE TO CHOOSING A SPA POOL THAT MEETS YOUR ENERGY EFFICIENCY NEEDS.

### KEY FEATURES TO CONSIDER:

#### CABINET INSULATION



COVER

CIRCULATION PUMP



### CABINET INSULATION

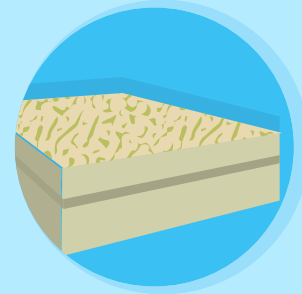
Your spa pool can lose a lot of energy through its walls. Here are 3 types of insulation that can help keep the heat where it belongs – in the water!



**Tip!** For most models, it requires more energy to reheat the water than to hold it at a steady temperature. Try maintaining the water at your desired temperature if you use the spa pool frequently.

#### Full-Foam Insulation

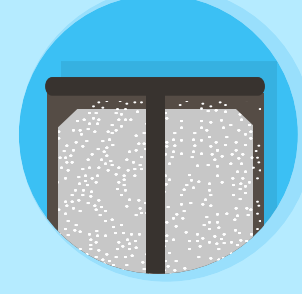
Good ★★☆☆☆



A ½ -pound-density urethane foam that fully insulates the space between the shell and the cabinet.

#### FiberCor™ Insulation

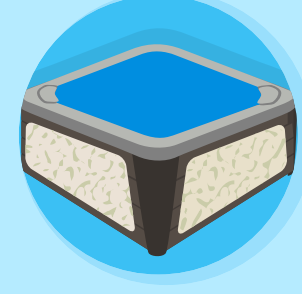
Better ★★★★★



An innovative new material applied at a 2-pound density. It's 4 times denser than the foam used on most spa pools.

#### Layered Insulation

Best ★★★★★



Select models offer multiple layers of varying density foam to minimise voids and gaps for maximum efficiency.

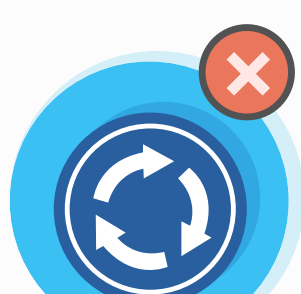


### DEDICATED CIRCULATION PUMP

A dedicated circulation pump offers maximum energy efficiency while keeping noise at a minimum.



A dedicated pump helps circulate water continuously using only a small amount of energy.



Without a circulation pump, the spa pool must rely on the jet pumps to circulate the water.



Some spa pool circulation pumps use as little energy as a 40-watt light bulb.



The jet pumps draw more power and make more noise than a low-watt circulation pump.

### IF THE SPA POOL DOESN'T HAVE A CIRCULATION PUMP:



Set your pump timer to run for shorter periods during the day.



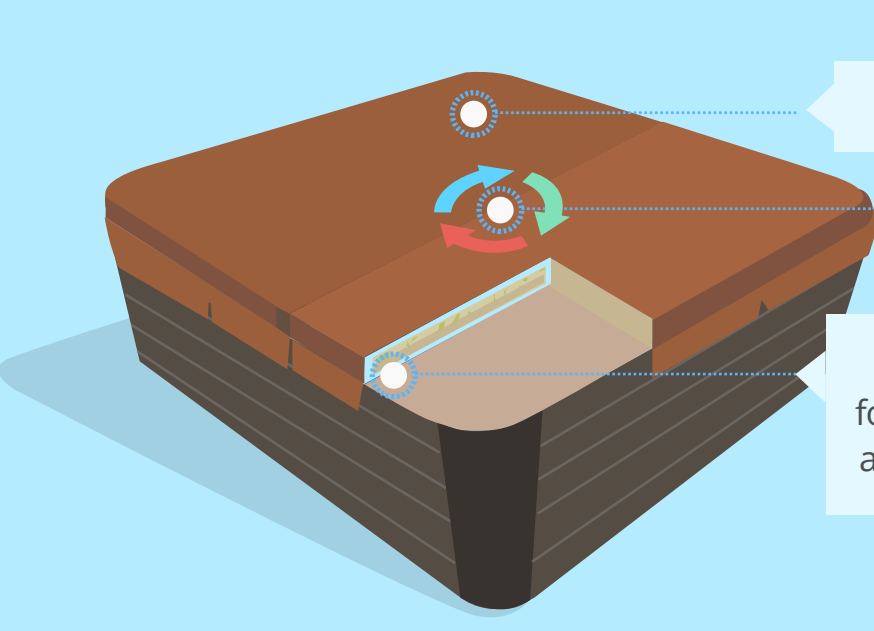
Call your local electric company about off-peak hours. Some companies offer lower rates during these times.



### INSULATED SPA POOL COVER

Help keep heat contained with a spa pool cover that's well insulated.

#### AN EFFECTIVE COVER:



is tight fitting.

may feature additional material at the center to lock in heat at the seam and edges.

has a dense foam core with a high R-value.



**Tip!** Remember to clean and condition your spa cover each month. If your cover is dry, brittle, cracked or sagging, it may be time to replace it.

#### CARING FOR YOUR COVER

Make sure to:



use a cover lifter to keep the cover off the ground and make it easier to use.



replace the cover when necessary to ensure maximum efficiency.

### SOME SPA POOL MODELS OFFER THESE EXTRAS FOR INCREASED ENERGY EFFICIENCY:



Systems that allow heat generated by the spa's equipment to be recycled back into the water.



Jets and power that are set to levels you actually need (and no more), as high-powered jets can sometimes consume too much energy.

Make sure to find a local spa pool retailer you trust to help you decide which hot tub model and energy-efficient features are right for you!

#### SOURCES

<http://homeguides.sfgate.com/save-hot-tub-electric-bill-39448.html>  
<http://www.takecontrolandsave.coop/documents/HotTubsPoolPumps.pdf>  
<http://ww2.wapa.gov/sites/western/es/pubs/Documents/HotTubs.pdf>