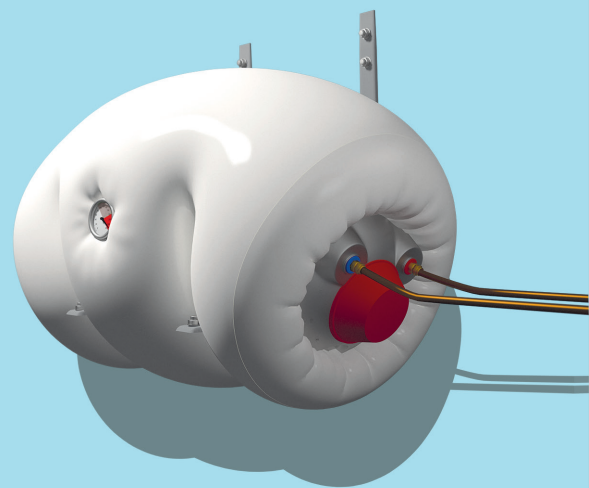


# IS YOUR HOME A WATER & ENERGY GUZZLER?



Use the below checklist to see if your home is **110% Green**.

Please tick appropriate box in the rating column and provide details in the comment section.

SUSTAINABILITY INTERVENTION: WATER		TICK IF KNOWN	COMMENTS
1	<p><b>Does the property have a rainwater tank?</b> Rainwater tanks collect rainwater run-off. The use of rainwater relieves the stress that would ordinarily have been on the municipal water supply.</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO	
2	<p><b>Does the property have a grey-water system?</b> Grey-water is water that has been used elsewhere in the home (such as basins, sinks, washing machines) and is still of sufficient quality to be used again for flushing toilets or watering the garden.</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO	
3	<p><b>Is the rainwater tank and / or grey-water system plumbed to the garden or toilets?</b> Potable water should be conserved wherever possible.</p>	<input type="checkbox"/> GARDEN <input type="checkbox"/> TOILETS <input type="checkbox"/> NONE	
4	<p><b>Are the taps and shower head of a low-flow type?</b> Low-flow taps and shower heads are fitted with aerator nozzles that reduce the flow of water by bringing in air bubbles and turbulence. The requirements for low-flow are that taps use 6 litres or less per minute and showers use 10 litres or less per minute. Water saving of up to 50% is expected. This also reduces your water heating requirements.</p>	<input type="checkbox"/> ALL <input type="checkbox"/> SOME <input type="checkbox"/> NONE	
5	<p><b>Do all the toilets in the house have multi-flush (interruptible) or dual-flush systems?</b> The multi-flush toilet system is preferred as it only releases water for as long as you hold down the handle. Alternatively a dual-flush system which allows you to choose between a full and half flush, is a good option.</p>	<input type="checkbox"/> ALL <input type="checkbox"/> SOME <input type="checkbox"/> NONE	
6	<p><b>Is your garden water-wise?</b> A water-wise garden requires less watering, generally with plants which are naturally drought resistant and require little watering, or with plants that easily adapt to the local climate.</p>	<input type="checkbox"/> ALL <input type="checkbox"/> SOME <input type="checkbox"/> NONE	
7	<p><b>Are the hard outside surfaces permeable?</b> Permeable surfaces allow rainwater to be absorbed into the aquifer rather than being wasted as storm water.</p>	<input type="checkbox"/> ALL <input type="checkbox"/> SOME <input type="checkbox"/> NONE	
8	<p><b>If your property has a pool, does it have a pool cover?</b> Pool covers can reduce evaporation by up to 90%, thereby conserving water needed to top up. They can also reduce filtration/pump time by up to 50%.</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO	

SUSTAINABILITY INTERVENTION: ENERGY		TICK IF KNOWN	COMMENTS
9	<b>Is lighting energy-efficient?</b> Light-emitting diode (LED) bulbs use 90% less electricity and last up to 25 times longer than incandescent bulbs.	<input type="checkbox"/> ALL <input type="checkbox"/> SOME <input type="checkbox"/> NONE	
10	<b>Do you have a solar PV system installed?</b> Solar Photo Voltaic (PV) panels generate electricity from the sun. The system can be grid-tied to store PV generated electricity for later use.	<input type="checkbox"/> ALL <input type="checkbox"/> SOME <input type="checkbox"/> NONE	
11	<b>Do you have a solar water heater or heat pump?</b> Solar water heaters use the sun to heat water. A heat pump extracts warmth from the surrounding air. A solar water heater can reduce your electricity costs by more than 25%.	<input type="checkbox"/> YES <input type="checkbox"/> NO	
12	<b>Is the kitchen fitted with a gas hob?</b> Compared to cooking with electricity, cooking with gas is faster, more efficient (helps to save energy by reducing wasteful preheating of electric stoves) and is more environmentally friendly.	<input type="checkbox"/> YES <input type="checkbox"/> NO	
13	<b>Are your hot water pipes and geyser insulated?</b> Insulating hot water pipes prevents heat loss.	<input type="checkbox"/> ALL <input type="checkbox"/> SOME <input type="checkbox"/> NONE	
14	<b>Do you have a geyser blanket?</b> A geyser blanket is an additional layer of insulation that wraps around the geyser. Most products available consist of a fibre-glass insulation layer with a reflective foil sheeting cover on one side. Pipe insulation and a geyser blanket can reduce the cost of electricity needed to keep water hot by R500 or more a year.	<input type="checkbox"/> YES <input type="checkbox"/> NO	
15	<b>Does the property have insulated ceilings?</b> Insulated ceilings reduce heat loss in winter and heat gain in summer. An insulated ceiling can save up to 16% of the electricity you need annually to heat or cool your home.	<input type="checkbox"/> ALL <input type="checkbox"/> SOME <input type="checkbox"/> NONE	
16	<b>Can all rooms rely on natural daylight?</b> Natural lighting eliminates the need for lights to be on during the day. This is energy-efficient and provides a healthier living environment.	<input type="checkbox"/> ALL <input type="checkbox"/> SOME <input type="checkbox"/> NONE	
17	<b>Are there windows that open in each room?</b> Windows that open and close properly make houses more energy-efficient and maintain good indoor air quality. A room with windows that cannot open is likely to require air conditioning, which requires more energy.	<input type="checkbox"/> ALL <input type="checkbox"/> SOME <input type="checkbox"/> NONE	
18	<b>Are the windows double-glazed?</b> Window treatments such as double-glazing reduce the flow of incoming and outgoing heat. Less energy is used to heat up or cool down a space, resulting in lower electricity costs.	<input type="checkbox"/> ALL <input type="checkbox"/> SOME <input type="checkbox"/> NONE	
19	<b>Are the main living areas north-facing?</b> North-facing living areas maximise the advantages of natural sunlight – the house is warmer in winter and protected from heat in summer.	<input type="checkbox"/> YES <input type="checkbox"/> NO	
SUSTAINABILITY INTERVENTION: ACCESS		TICK IF KNOWN	COMMENTS
20	<b>Is public transport accessible and within walking distance?</b> Public transportation includes buses, trains and minibus taxis located within 1 km walking distance from a residence. The use of public transportation eases congestion on the roads, reduces carbon emissions, and is more cost-effective than using your personal vehicle.	<input type="checkbox"/> YES <input type="checkbox"/> NO	