

BILLI ENERGY REPORT

“At Billi, we design and manufacture a range of energy-efficient filtered water systems that offer our customers the very best in innovation, superior performance and reliability.”

ENERGY SAVING MODES

All Billi water systems have an energy saving Sleep Mode which will power the unit down after a 2 hour period of non use. The unit will use only enough energy to maintain the boiling water temperature at 70°C.

An inbuilt 7-day energy saving time switch ensures the system is only operating when you need it, significantly reducing running costs by eliminating unnecessary out-of-hours power consumption.

Normal operation can be resumed in either setting by pressing a lever momentarily.

Billi's energy saving is further enhanced with the use of high-performance insulating materials. Moulded expanded polypropylene provides a high thermal R-value rating, reducing heat losses & thereby conserving power.

TEST RESULTS:	Typical 24hr day				Per Boiling Cup (167ml)			Per Chilled Cup (170ml)			
	Model	W/hr	CO ₂ kg	Cost	Cost/year	W/hr	CO ₂ kg	Cost	W/hr	CO ₂ kg	Cost
Boiling and Chilled Filtered Systems											
Eco	687	0.563	\$0.08	\$30.09	6	0.0049	\$0.00072	1	0.0006	\$0.00009	
Quadra Compact	882	0.722	\$0.11	\$38.63	8	0.0067	\$0.00098	1	0.0008	\$0.00012	
Quadra 420 / Plus 5	882	0.722	\$0.11	\$38.63	8	0.0067	\$0.00098	1	0.0008	\$0.00012	
Quadra 440	884	0.724	\$0.11	\$38.72	8	0.0067	\$0.00098	1	0.0008	\$0.00012	
Quadra 460 / Plus 9	886	0.726	\$0.11	\$38.81	8	0.0067	\$0.00098	1	0.0008	\$0.00012	
Quadra 4100 / Plus 15	920	0.753	\$0.11	\$40.30	8	0.0067	\$0.00098	1	0.0008	\$0.00012	
Quadra 4180	944	0.773	\$0.11	\$41.35	8	0.0067	\$0.00098	1	0.0008	\$0.00012	
Boiling and Ambient Filtered Systems											
Sahara 320	648	0.531	\$0.08	\$28.38	8	0.0067	\$0.00098	-	-	-	
Sahara 360	756	0.619	\$0.09	\$33.11	8	0.0067	\$0.00098	-	-	-	
Sahara 3120	854	0.669	\$0.10	\$37.41	8	0.0067	\$0.00098	-	-	-	
Chilled Filtered Systems											
Alpine 060	162	0.133	\$0.02	\$7.10	-	-	-	1	0.0008	\$0.00012	
Alpine 120	162	0.133	\$0.02	\$7.10	-	-	-	1	0.0008	\$0.00012	
Alpine 125	162	0.133	\$0.02	\$7.10	-	-	-	1	0.0008	\$0.00012	
Boiling Wall Mounted Systems											
Ultra 300	1400	1.147	\$0.17	\$61.32	-	-	-	-	-	-	
Ultra 600	1400	1.147	\$0.17	\$61.32	-	-	-	-	-	-	
Ultra 800	1400	1.147	\$0.17	\$61.32	-	-	-	-	-	-	
Ultra 1600	1400	1.147	\$0.17	\$61.32	-	-	-	-	-	-	

ASSUMPTIONS:

- Typical 24 hour day assumes the units are in full operation mode for 12 hours, in sleep mode for 12 hours with a 10 minute warm up period.
- Full operation mode means the system maintains boiling water temperature at 98°C and chilled water at your set temperature, ready for use.
- Sleep mode will activate after 2 hours on non operation the unit will slowly reduce the boiling water temperature to 70°C. Full operation mode is returned at a press of a lever.
- Cost per day is calculated at AUD \$0.12 per kWh.
- CO₂ emissions based on 819kg of CO₂ per 1000kWh of electricity consumed.



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Designed and manufactured in Australia

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