

SANDEN HOT WATER HEAT PUMP SYSTEM INFORMATION

1. Top 4 Features & Benefits of the Sanden HWHP System:

<u>FEATURES</u>	<u>BENEFITS</u>
1. Industry leading energy efficiency – High Coefficient Of Performance (COP) of 4.5, as a result of using R744 refrigerant.	1. Saves you up to 78% of your electric storage hot water energy costs, so you can look forward to significantly reduced energy bills, and CO2 emissions, in future.
2. Highest level of Small scale Technology Certificates (STCs) of any currently available HWHP system.	2. STCs make high quality Sanden HWHP system very affordable.
3. High quality, Australian made, fully insulated, stainless steel 315L tank, with 15 year warranty	3. Long life (15 years) & minimal heat loss tank.
4. Silent operation (38 dBA)	4. Neighbour & Environmentally friendly.

2. Cost Savings Achieved By Sanden HWHP System Vs. Conventional Electric Hot Water System

From:	To:	Days	Rate (c/ kWh)	Supplier	Usage (kWh)	Cost (\$)
13.10.08	12.1.09	91	7.89	Integral	1368	107.90
12.10.09	11.1.10	91	9.58	Integral	1347	129.08
13.10.10	13.1.11	93	11.37	AGL	265	30.12

The above table presents electricity consumption figures recorded by a Sanden customer, who replaced his conventional electric Rheem Hot Water System with a Sanden Hot Water Heat Pump System, on 4.10.10. He lives in the Sydney Metro area, has a family of 4 people (ie. Husband, Wife & 2 x Children) using hot water and uses Off-Peak Controlled Load 2.

As can be seen, the reduction in usage achieved for the 2010/11 period, versus prior year, was approx. 80%, while the reduction in \$ Cost for the same period was 77% and this was despite a change of supplier and a more expensive tariff (ie. increase of 18.7%).

3. Expected Life Of The Sanden HWHP System

Presently, the warranties on both the Australian made Sanden Stainless Steel Tank (ie. 15 years) and Japanese made Heat Pump unit (ie. 3 years) are both industry leading. As such, the expected life of the Sanden HWHP System is 15 years.