

Location of Test : Nuwara Eliya, Sri Lanka

Period of Testing : 28-08-2008 to 30-08-2008

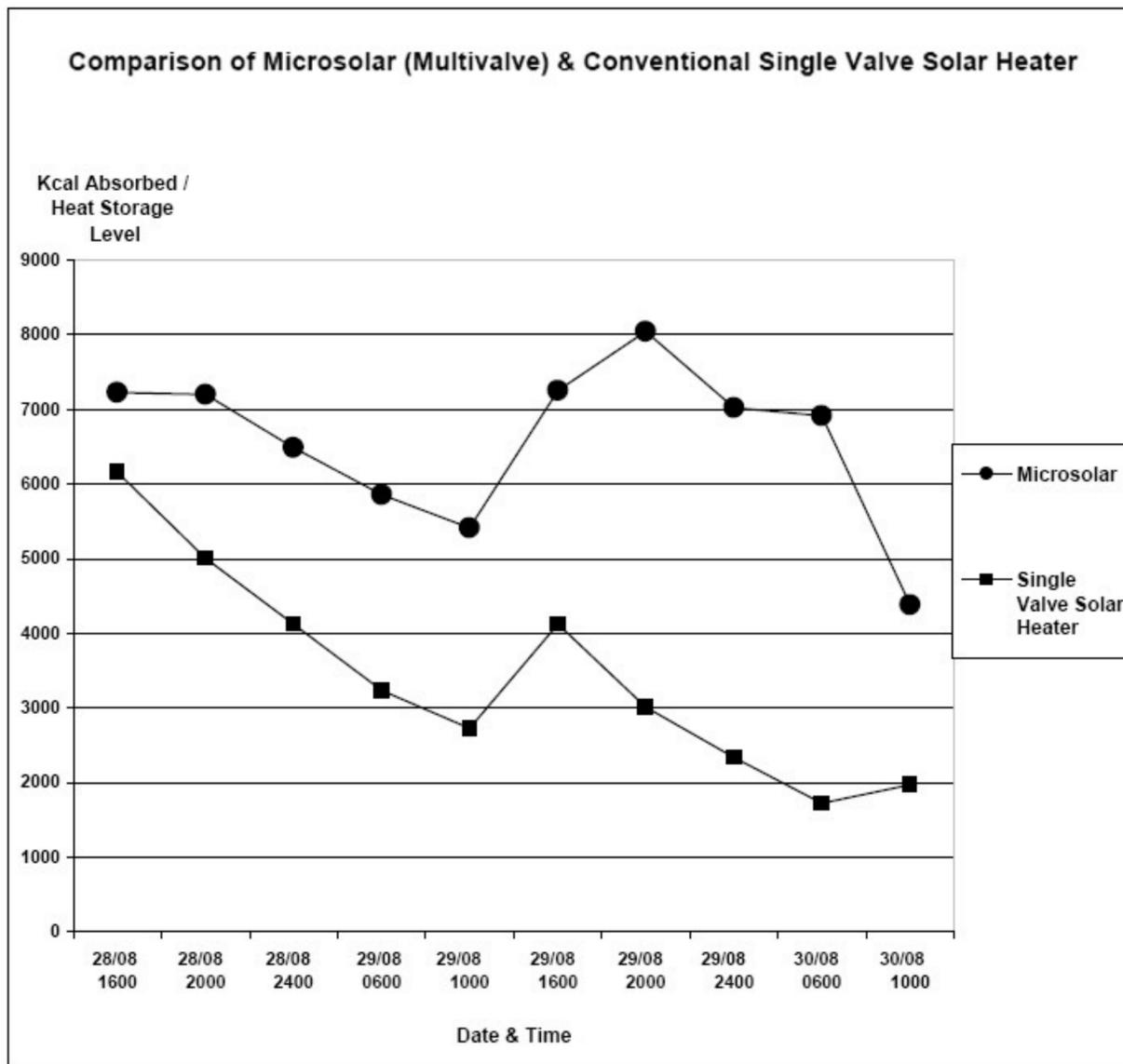
Base Temperature: 15 degree celcius Elevation: 1800m

Microsolar (Coaxial Multivalve Thermosyphon Solar Heater), 264 liters capacity, 3.2 sqm Collector

Date	Time														
	0600			1000			1600			2000			2400		
	Temp	△Temp	Kcal												
28-08-2008							42.4	27.4	7234	42.3	27.3	7207	39.6	29.6	6494
29-08-2008	37.2	22.2	5861	35.5	20.5	5412	42.5	27.5	7260	45.5	30.5	8052	41.6	26.6	7022
30-08-2008	41.2	26.2	6917	31.6	16.6	4382									

Conventional Single Valve Thermosyphon Solar Heater, 150 liters capacity, 4.2 sqm Collector

Date	Time														
	0600			1000			1600			2000			2400		
	Temp	△Temp	Kcal												
28-08-2008							56.1	41.1	6165	48.4	33.4	5010	42.5	27.5	4125
29-08-2008	36.6	21.6	3240	33.2	18.2	2730	42.5	27.5	4125	35.1	20.1	3015	30.6	15.6	2340
30-08-2008	26.5	11.5	1725	24.8	9.8	1970									



Note: 1.) Temperature rise (Δ temp) = temperature reading at mid level solar hot water storage tank - base temperature
 2.) Kilocalorie collected (Kcal) = temperature rise degree c x capacity litres