

DEAP Energy Yield Calculations

Part L Compliance:

10

(kWh/m2/Year)

Kingspan HP200



South Facing Roofs 30deg Angle 1074 kWh/m2
 SE/SW will decrease annual energy by 2%

House Size m2	Roof Orientation	Part L Requirement kWh/annum	Collector Area Required	Cylinder Size Litres	DEAP Energy Produced kWh/annum	TSOL Energy Produced kWh/annum
80	South	800	2m2 - HP200	200	979	1113
90	South	900	2m2 - HP200	200	1003	1132
100	South	1000	2m2 - HP200	200	1024	1149
110	South	1100	3m2 - HP200	250	1325	1707
120	South	1200	3m2 - HP200	250	1355	1724
125	South	1250	3m2 - HP200	250	1369	1736
130	South	1300	3m2 - HP200	250	1382	1745
140	South	1400	3m2 - HP200	250	1406	1764
150	South	1500	4m2 - HP200	300	1649	2244
160	South	1600	4m2 - HP200	300	1678	2263
170	South	1700	4m2 - HP200	300	1706	2284
180	South	1800	4m2 - HP200	400	1829	2353
190	South	1900	5m2 - HP200	450	2085	2832
200	South	2000	5m2 - HP200	450	2115	2856

