



## Eco Heat & Power Ltd

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# Solar Hot Water system sizes and specifications

	Household		kWh/ year	Kg CO2/ year
	Persons	Demand		
<b>Flat Plate Collectors - On roof / In roof</b>				
2.5 sq m in portrait format: 1 x Schuco Premium Line panel 160 lt open vented hot water cylinder	1-3	Bathroom	1312.5	249.4
5 sq m in portrait format: 2 x Schuco Premium Line panels 320lt open vented hot water cylinder	4-5	Two bathrooms	2625	498.7
<b>Vacuum Tube Collectors - On roof</b>				
Solamax - direct flow 2m2 Façade, flat or pitched mounted 216lt open vented hot water cylinder	2-4	Bathroom & shower room	1950	370.5
Thermomax - Model HP200 - heat pipe 3m2 - pitched roof mounted 320lt open vented hot water cylinder	3-6	Two bathrooms	2250	427.5

(Kg CO2 /year are based on Natural Gas figure from Carbon Trust)

**Our quality systems included:** Sanha HT crimp fittings, stainless steel flexi lines, Armaflex HT lagging & Resol pump station & Resol controls

### Things to consider:

- In roof (roof integrated) systems
- East West systems
- Systems for combination boilers
- Un-vented (mains pressure) hot water cylinder
- Existing Fortic cylinder installation
- Existing Primatic cylinder installation
- Twin cylinder systems
- Horizontal pre-heat cylinders
- Remote displays and monitoring [I phone]

