

**Ecosol 2.32: high performance solar panel**

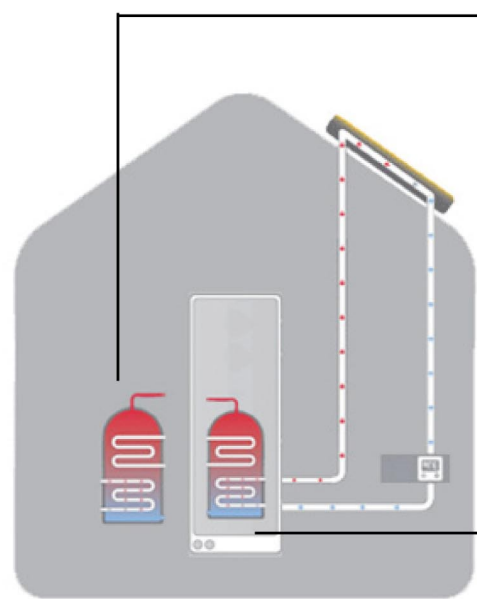
The Ecosol 2.32 is a solar thermal panel of the highest quality. Years of highly-engineered technological development have resulted in a low maintenance system with pioneering drainback functionality and the only performance guarantee in the industry.

**Exceptional Performance**

Judged the Best performing flat plate panel by the Centre Scientifique et Technique du Bâtiment (CSTB, 2006), the Ecosol 2.32 boasts a 95% absorption rate and annual output of up to 700 kWh per m<sup>2</sup>. The panel is so efficient and performs so reliably that it comes with a unique performance guarantee.



Solar thermal panels

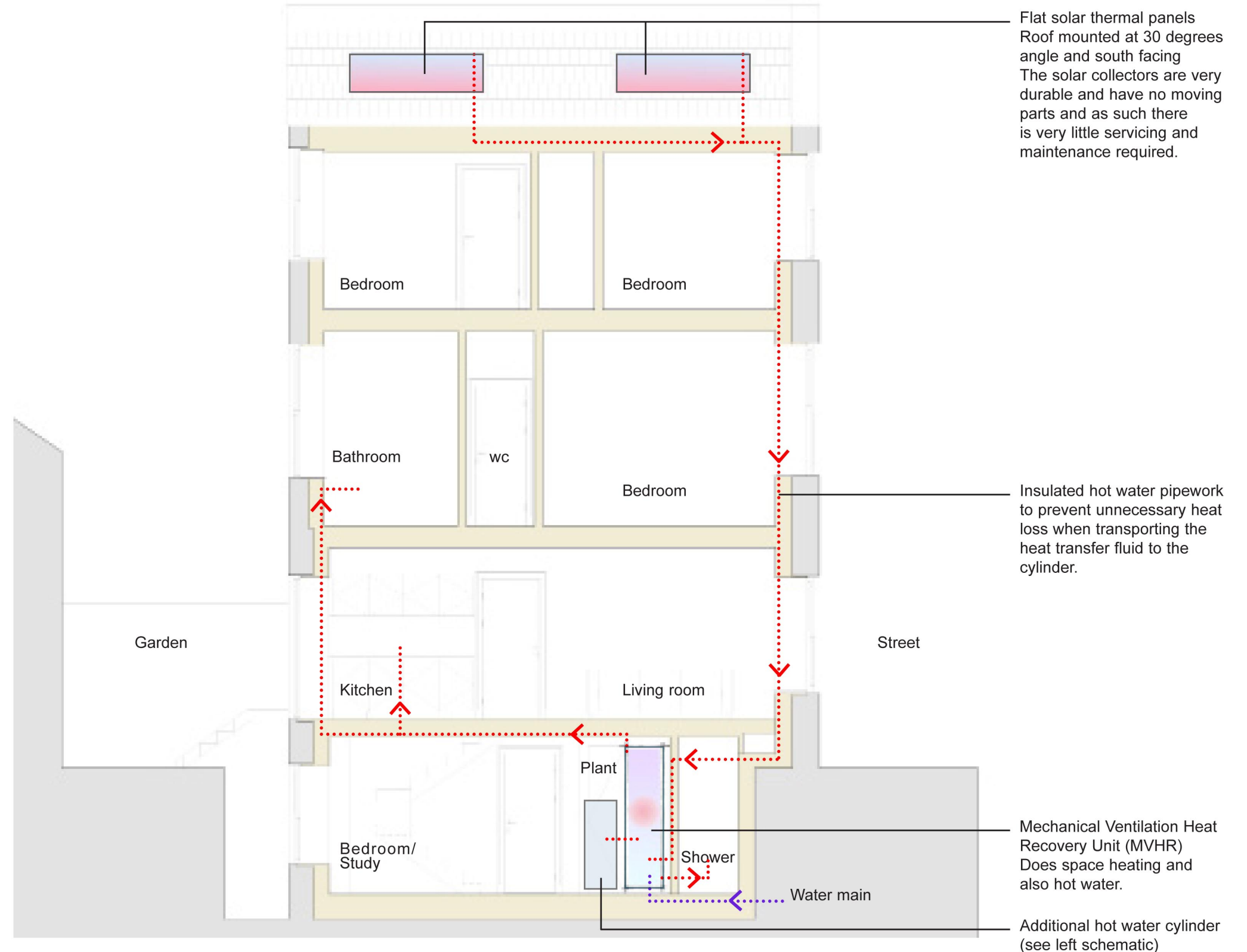


Additional hot water cylinder to provide a back up for primary cylinder when solar energy is low or insufficient or for when high water consumption is needed. Both hot water cylinder stores the hot water that heated during the day and supplies it for use later.

Primary hot water cylinder within the MVHR unit

Schematic of the heating system

**Production of hot water**



Flat solar thermal panels  
Roof mounted at 30 degrees angle and south facing  
The solar collectors are very durable and have no moving parts and as such there is very little servicing and maintenance required.

Insulated hot water pipework to prevent unnecessary heat loss when transporting the heat transfer fluid to the cylinder.

Mechanical Ventilation Heat Recovery Unit (MVHR)  
Does space heating and also hot water.

Additional hot water cylinder (see left schematic)