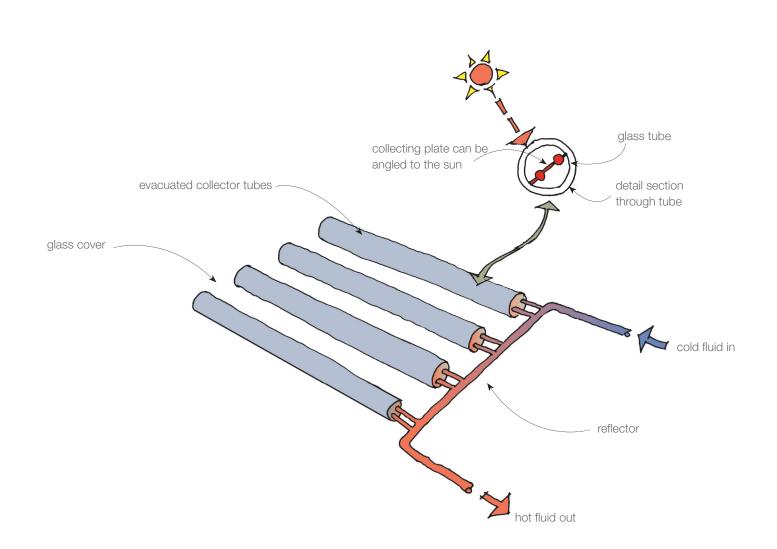


THE AUTHORITY ON SUSTAINABLE BUILDING





Evacuated glass tube solar panels

These are made up of a number of glass tubes (normally 20 or more). Each tube has a vacuum to reduce convection and conduction heat losses. Inside the vacuum a plate (often made of copper) absorbs heat. A tube, cylinder or pipe connected to the absorber plate contains water or some other fluid such as glycol which absorbs heat and carries it to the water in the storage cylinder.

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