



hydronic floor heating solar

Solar hot water panels are perfect as a pre-heater for your solar hydronic floor heating system during the winter months.

SOLAR TECHNOLOGY

Any solar system that creates hot water is suitable for hydronic floor heating being either flat panels or evacuated tubes. Comfort Heat can source and install solar hot water panels, if required.

HEAT OUTPUT

The heat output of solar panels is unregulated so requires a suitably sized storage tank. Heat output is solely dependant on solar radiation.

SPECIAL REQUIREMENTS

Solar hydronic floor heating requires a booster, either gas or electric. This will guarantee that on days with low solar radiation, your floor heating will remain warm.



INSTALLATION

Solar hydronic floor heating requires a storage tank, expansion tank, mixing pump station with a solar by-pass and manifold.

Solar panels are installed on your roof and hot water is pumped into the storage tank. Your heated floor area will define the required size of a storage tank and number of solar panels.

The minimum size tank required is 400L and minimum number of solar panel is two.



FLOOR COVERINGS

Hydronic under floor heating can be installed;
in slab
in screed
under timber

For more technical details on our heating components visit; www.intaflo.com

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