



hydronic floor heating solar

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

SOLAR TECHNOLOGY

Any solar panels that create hot water are suitable for hydronic floor heating being either flat panels or evacuated tubes.

HEAT OUTPUT

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

SPECIAL REQUIREMENTS

Solar hydronic floor heating requires a booster. 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 and insulation will define the required number of solar panels and tank size.

A typical solar installation is commonly combined with DHW, if required a pool and normally requires a heat exchange storage tank.

FLOOR COVERINGS

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

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

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