

**Renewable energy heating- Ground Source Heat Pumps**

Filterclean was set up in 1987 to provide customers on private water supplies with clean, bacteriologically safe water at the correct pressure. Initially providing bottled water coolers and filtration for domestic mains water, demand for solutions to private water supply problems soon prompted us to diversify into borehole installation, advanced filtration and even the provision of clean water aboard trains. Now we face another challenge as the UK catches up with Europe in the renewable energy stakes.

Our existing skills and an extensive training program mean that we are ideally placed to give advice on the correct installation for your needs. With established partnerships with a number of heat pump suppliers we will choose the correct unit and carry out the full process from design to installation and commissioning.

Already fitted in 90% of newly built homes in Sweden, GSHPs extract heat for central heating and hot water systems from the ground or groundwater beneath, for example, your garden. Able to yield around three units of heat energy for every one unit of electricity used, GSHPs are rapidly gaining popularity in the UK. Rising energy costs and the prospect of further 'green' taxation are driving the interest in high-efficiency heat sources such as Ground Source Heat Pumps. Many people are now realising it's no longer just about ideology and a desire to 'go green', as far as the costs of running a home go, it's about the bottom line.

We are happy to project manage the full installation for you or undertake any part of the project; whether that be installing the ground loop or just bringing your installation into use.

***Drilling partnerships extended***

Having undertaken pump and water treatment installations for over twenty years we have always partnered with a number of drilling contractors. We feel that having a specialist driller involved in an installation gives the best results for our clients. In 2009 we have two further drilling companies acting as our partners. We can therefore choose the drilling team with the most appropriate rig and also give our customers a choice between drilling companies.

We are also able to complete the water supply system for companies who only install the pumps and do not have the expertise to deal with the water treatment. Whatever your requirement we can offer you the complete solution.

**Little Penarth, Llanishen, CHEPSTOW NP16 6QQ**

**Tel: 01600 860344**

**WATER TREATMENT - PUMPS - FILTERS - WELL DRILLING  
SPRINGS TRAPPED - DRINKING WATER SYSTEMS - RAIN WATER HARVESTING**

**Spring Filter Offer**

**50% off** in March & April

With the support of our supplier we are able to make this offer on wound and spun polypropylene filters and 25% off bag filters.



Being aware that over the last couple of year we have experienced severe weather which has adversely affected a number of water systems, we spoke to our filter suppliers. We have never taken the route toward the cheaper filters, which do not offer the sediment removal properties of our recommended filters.

**The Sapphire Ultra Violet Unit**

Filterclean now offer the new "sapphire" Ultra violet water treatment unit, which combines the reliability and compact nature of our previous recommendation but with the added bonus that it uses a more standard lamp thus reducing annual servicing costs.